

A photograph of a modern building's exterior at dusk. The building features dark, horizontal panels. A wall-mounted light fixture is illuminated, casting a warm glow. In the background, a tiled roof and trees are visible against a deep blue sky. The foreground shows a paved area and a low concrete wall.

BRUMBERG

Light.
For Generations.

**Light. For garden and
outdoor areas.**

For orientation and security.

www.brumberg.com

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CONTENTS

Introduction

Outdoor lighting.

LED recessed ceiling luminaires	p. 8
LED surface-mounted ceiling luminaires	p. 22
LED wall-recessed luminaires	p. 30
LED wall-mounted luminaires	p. 34
LED solar luminaires	p. 70
LED ground-recessed luminaires	p. 78
LED ground spike luminaires	p. 90
LED bollard luminaires	p. 98
LED floodlights	p. 118

Terms and Conditions	p. 126
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At nightfall a new daytime begins.

Light for orientation, security and well-being.

After sunset, life goes on with lighting. The night hours are becoming more important – both from a social and an economic perspective. The night has become another time of day that encompasses many areas of life.

Light keeps people company through the night, provides security, helps in finding the way, supports night work and creates a pleasant atmosphere in the garden and for celebrations.

Good outdoor lighting is characterised by an appropriate design that picks up requirements from the existing environment and develops them. Lighting axes can emphasise spatial orientation, effectively focusing attention on individual elements and features.

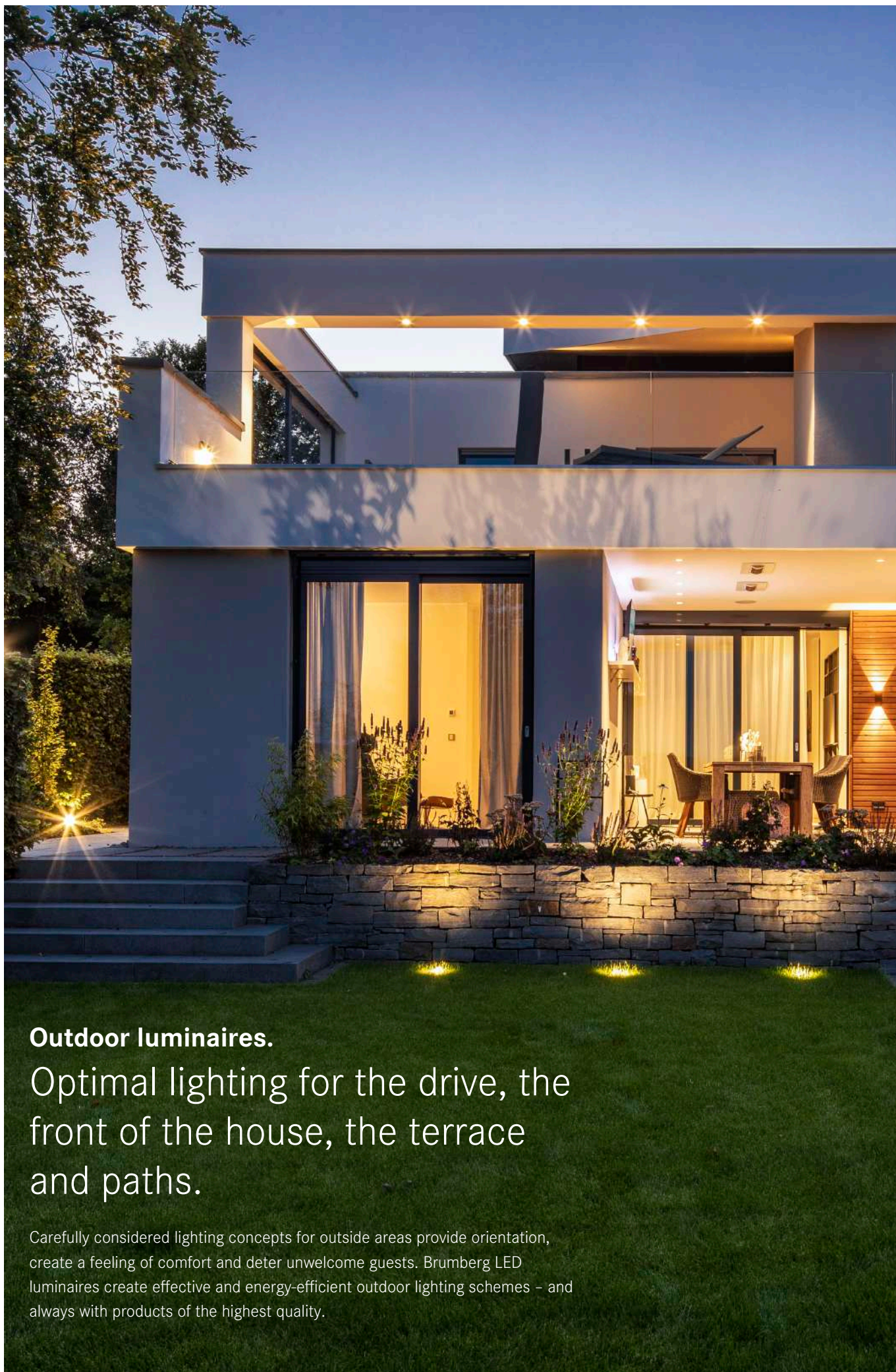
Light moves with the times and outdoor spaces adapt to the needs of people. Buildings become landmarks. At night light performs a wayfinding and safety function. Likewise, opportunities open up to experience the environment in a new way. Ways to optimise general perception, well-being and to increase the feeling of comfort of a place.

We have significantly extended our range for private and semi-public areas and offer an comprehensive portfolio for a wide range of lighting solutions. Even if the hours of darkness are a new daytime, we should all respect the dark. For us, that means ensuring a good balance of energy consumption and safety for people and the environment.



Johannes and Benedikt Brumberg





Outdoor luminaires.

Optimal lighting for the drive, the front of the house, the terrace and paths.

Carefully considered lighting concepts for outside areas provide orientation, create a feeling of comfort and deter unwelcome guests. Brumberg LED luminaires create effective and energy-efficient outdoor lighting schemes – and always with products of the highest quality.

Outdoor lighting.

They provide orientation, secure paths and create atmosphere.

The requirements that appropriate outdoor lighting can fulfil are as varied as people and their habits – and vary according to time and place. Functional outdoor lighting accompanies people through the night, enriches the city and their own surroundings and makes it a real experience. The key is to find the right balance between light, darkness, light emissions and efficiency.



Outdoor lighting. Good design pays off.

Private residential space.

Access ways and viewing directions must be organised for the overall design. Whether it's your favourite spot, balcony, pond or veranda, the circulation routes and main axis of view must be defined. Then the luminaire design can start. Which transitions between light and dark are required, which degrees of shading create a spatial volume for security, good orientation and a pleasant atmosphere?

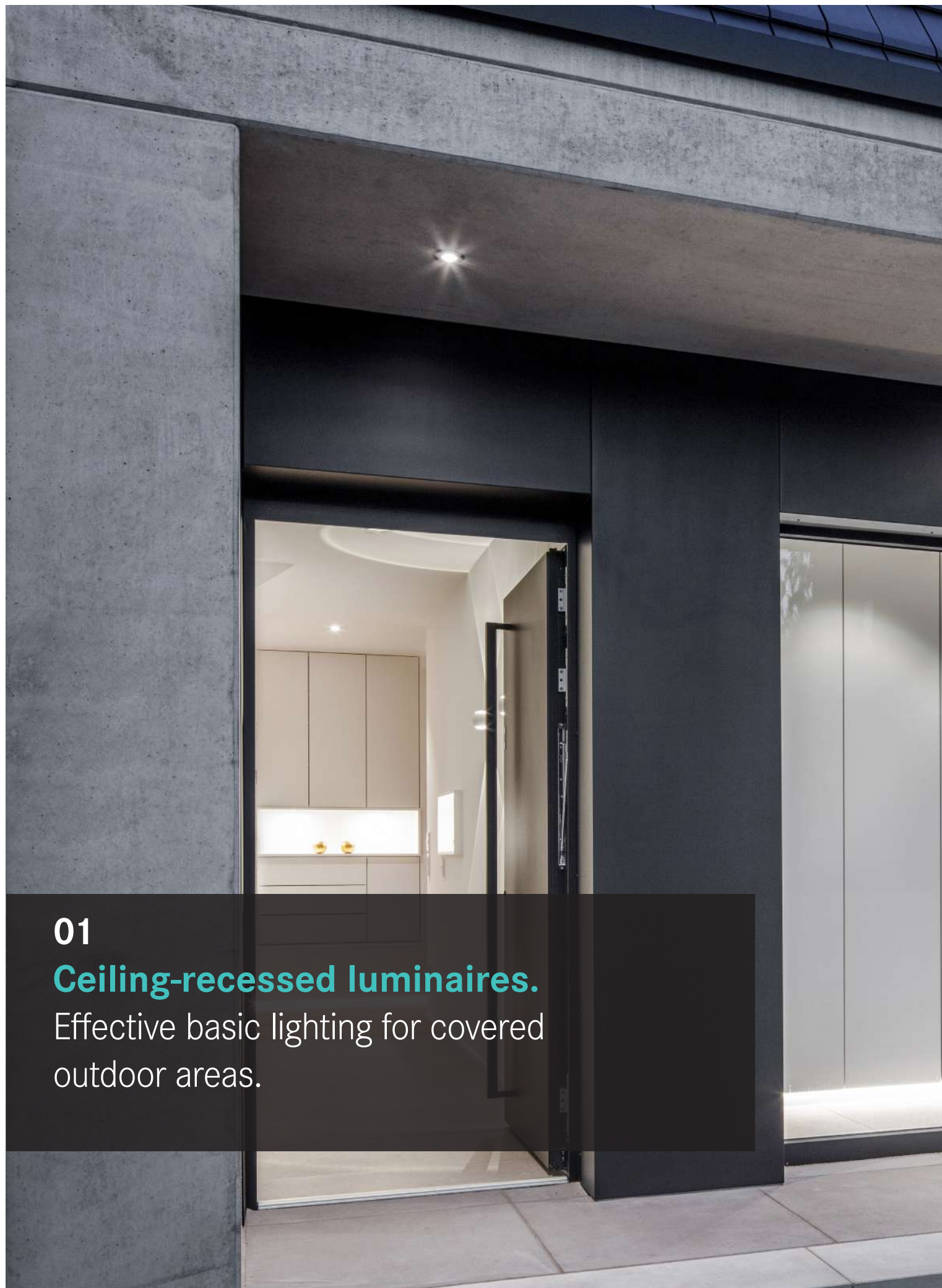
Many people are not aware of the particularly fascinating effect of an illuminated garden. When perfectly lit, the outside becomes a wonderful natural extension of our living space. Furthermore, in addition to creating a pleasant atmosphere and an enhanced quality of experience, good light and lighting also increases security in the house and garden.

Semi-public space.

When it comes to the lighting of car parks, public spaces, parks, buildings and facades, different aspects have to be considered. The lighting of surfaces, whether horizontal or vertical, should always aim at good spatial perception through brightness gradation and shading. There should be a balanced distribution of brightness. Strong contrasts of light and dark must be avoided. The effect of glare on residents and pedestrians must also be considered.

Unused stray light should be avoided in the context of efficiency and the environment.

Environmental factors must be planned from the outset in order to reduce energy consumption with the aid of appropriate light sources and prevent light pollution. That means more than just directing light on to the ground. Rather, good design aims to model spaces and improve perception for paths.



01

Ceiling-recessed luminaires.

Effective basic lighting for covered outdoor areas.





GILLAN-R recessed spotlight, V4A, GX5.3

Lamp: for LED retrofit lamp, lamp holder: GX5.3,
Power: max. 50 W, material: V4A stainless steel, supplied without snap ring

Article no.	Colour
1180.22	Stainless steel



This item is subject to discount group 1.

GILLAN-R LED recessed spotlight set, V4A, switchable

Set includes converter for 230 V mains supply, switchable, converter dimensions: L 68 x W 35 x H 21 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / plastic



Article no.	Colour	Luminous flux	Colour temperature
38147223	Stainless steel	680 lm	3,000 K



This item is subject to discount group 1.

GILLAN-R recessed spotlight, V4A, GU 10

Includes bracket with GU10 lamp holder for standard-compliant strain relief.

Lamp: for LED retrofit lamp, lamp holder: GU10,
Power: max. 50 W, material: stainless steel V4A

Article no.	Colour
36147220	Stainless steel



This item is subject to discount group 1.

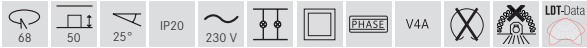
GILLAN-R LED recessed spotlight set, V4A, trailing-edge phase dimmable

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: L 110 x W 50 x H 19 mm

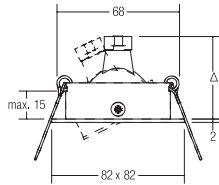
Lamp: LED, colour rendering: CRI > 80, power: 6 W, beam angle: 38°, material: V4A stainless steel / aluminium / plastic



Article no.	Colour	Luminous flux	Colour temperature
39147223	Stainless steel	680 lm	3,000 K



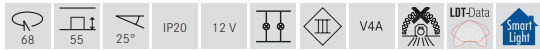
This item is subject to discount group 1.



GILLAN-S recessed spotlight, V4A, GX5.3

Lamp: for LED retrofit lamp, lamp holder: GX5.3,
Power: max. 50 W, material: V4A stainless steel, supplied without snap ring

Article no.	Colour
1181.22	Stainless steel

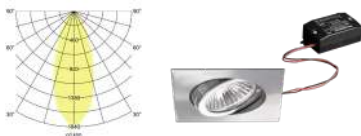


This item is subject to discount group 1.

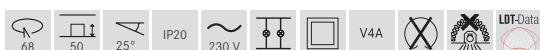
GILLAN-S LED recessed spotlight set, V4A, switchable

Set includes converter for 230 V mains supply, switchable, converter dimensions: L 68 x W 35 x H 21 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / plastic



Article no.	Colour	Luminous flux	Colour temperature
38148223	Stainless steel	680 lm	3,000 K



This item is subject to discount group 1.

GILLAN-S recessed spotlight, V4A, GU10

Includes bracket with GU10 lamp holder for standard-compliant strain relief.

Lamp: for LED retrofit lamp, lamp holder: GU10,
Power: max. 50 W, material: stainless steel V4A

Article no.	Colour
36148220	Stainless steel



This item is subject to discount group 1.

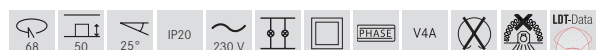
GILLAN-S LED recessed spotlight set, V4A, trailing-edge phase dimmable

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: L 110 x W 50 x H 19 mm

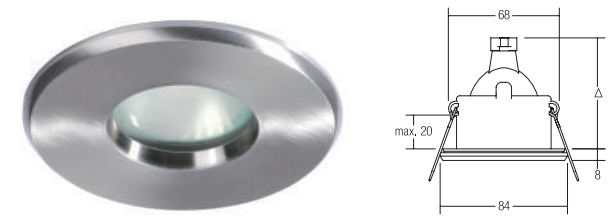
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / plastic



Article no.	Colour	Luminous flux	Colour temperature
39148223	Stainless steel	680 lm	3,000 K



This item is subject to discount group 1.



TAMIKO Recessed downlight, V4A, IP65, GX5.3

Lamp: for LED retrofit lamp, lamp holder: GX5.3,
Power: max. 50 W, material: V4A stainless steel / glass

Article no.	Colour
2339.42	Stainless steel



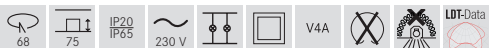
IP65 when installed in closed ceilings
[This item is subject to discount group 1.](#)

TAMIKO LED recessed downlight set, V4A, IP65 switchable

Set includes converter for 230 V mains supply, switchable, converter dimensions: L 68 x W 35 x H 21 mm
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass/Plastic



Article no.	Colour	Luminous flux	Colour temperature
38306423	Stainless steel	540 lm	3,000 K



IP65 when installed in closed ceilings
[This item is subject to discount group 1.](#)

TAMIKO Recessed downlight, V4A, IP65, GU 10

Includes bracket with GU10 lamp holder for standard-compliant strain relief.
Lamp: for LED retrofit lamp, lamp holder: GU10,
Power: max. 50 W, material: V4A stainless steel / glass

Article no.	Colour
36306420	Stainless steel



IP65 when installed in closed ceilings
[This item is subject to discount group 1.](#)

TAMIKO LED recessed downlight set, V4A, IP65, trailing-edge phase dimmable

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: L 110 x W 50 x H 19 mm
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass / plastic



Article no.	Colour	Luminous flux	Colour temperature
39306423	Stainless steel	540 lm	3,000 K



IP65 when installed in closed ceilings
[This item is subject to discount group 1.](#)



STEAM-R Recessed downlight, V4A, IP65, without LED module

NEW

All Brumberg MR16 LED modules can be used for the STEAM installation unit. The installation depth of the luminaire depends on the LED module used (here: 2 mm, plus the height of the LED module).

Lamp: for LED, power: max. 14 W, material: V4A stainless steel / aluminium / glass, includes LED module socket on the back

Associated LED modules and converters can be found in our main catalogue.

The LED module is not included in the scope of supply of the installation unit.

Note: Note the height of the lamp!

Article no.	Colour
37005070	White
37005080 NEW	Black
37005420	Stainless steel



IP65 when installed in closed ceilings (screw mounting)

[This item is subject to discount group 1.](#)



STEAM-R Recessed downlight, V4A, IP54, without LED module

NEW

All Brumberg MR16 LED modules can be used for the STEAM installation unit. The installation depth of the luminaire depends on the LED module used (here: 2 mm, plus the height of the LED module).

Lamp: for LED, power: max. 14 W, material: V4A stainless steel / aluminium / glass, includes LED module socket on the back

Associated LED modules and converters can be found in our main catalogue.

The LED module is not included in the scope of supply of the installation unit.

Note: Note the height of the lamp!

Article no.	Colour
37006070	White
37006080 NEW	Black
37006420	Stainless steel



IP54 when installed in closed ceilings (spring mounting)

[This item is subject to discount group 1.](#)



STEAM-S Recessed downlight, V4A, IP65, without LED module

NEW

All Brumberg MR16 LED modules can be used for the STEAM installation unit. The installation depth of the luminaire depends on the LED module used (here: 50 mm, plus the height of the LED module).

Lamp: for LED, power: LED, max. 14 W, material: V4A stainless steel / aluminium / glass, includes LED module socket on the back

Associated LED modules and converters can be found in our main catalogue.

The LED module is not included in the scope of supply of the installation unit.

Note: Note the height of the lamp!

Article no.	Colour
37015070	White
37015080 NEW	Black
37015420	Stainless steel



IP65 when installed in closed ceilings (screw mounting)
Tall version with air buffer e.g. for hot sauna areas.

[This item is subject to discount group 1.](#)



STEAM-S Recessed downlight, V4A, IP54, without LED module

NEW

All Brumberg MR16 LED modules can be used for the STEAM installation unit. The installation depth of the luminaire depends on the LED module used (here: 50 mm, plus the height of the LED module).

Lamp: for LED, power: LED, max. 14 W, material: V4A stainless steel / aluminium / glass, includes LED module socket on the back

Associated LED modules and converters can be found in our main catalogue.

The LED module is not included in the scope of supply of the installation unit.

Note: Note the height of the lamp!

Article no.	Colour
37016070	White
37016080 NEW	Black
37016420	Stainless steel



IP54 when installed in closed ceilings (spring mounting)
Tall version with air buffer e.g. for hot sauna areas.

[This item is subject to discount group 1.](#)



ITANSA-R Recessed downlight, V4A, IP54, GX5.3

NEW

Lamp: for LED retrofit lamp, lamp holder: GX5.3,
Power: max. 35 W, material: V4A stainless steel / aluminium / glass

Article no.	Colour
26004070	White
26004080	NEW Black
26004220	Stainless steel

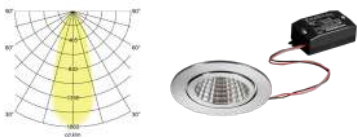


IP54 when installed in closed ceilings
[This item is subject to discount group 1.](#)

ITANSA-R LED recessed downlight set BB15, V4A, IP54 switchable

NEW

Set includes converter for 230 V mains supply, switchable, converter dimensions: L 68 x W 35 x H 21 mm
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / plastic



Article no.	Colour	Luminous flux	Colour temperature
38375073	White	680 lm	3,000 K
38375083	NEW Black	680 lm	3,000 K
38375423	Stainless steel	680 lm	3,000 K



IP54 when installed in closed ceilings
[This item is subject to discount group 1.](#)

ITANSA-R Recessed downlight, V4A, IP54, GU10

NEW

Includes bracket with GU10 lamp holder for standard-compliant strain relief.
Lamp: for LED retrofit lamp, lamp holder: GU10,
Power: max. 35 W, material: V4A stainless steel / aluminium / glass

Article no.	Colour
36004070	White
36004080	NEW Black
36004220	Stainless steel



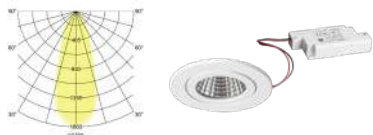
IP54 when installed in closed ceilings
[This item is subject to discount group 1.](#)

ITANSA-R LED recessed downlight set BB15, V4A, IP54, trailing-edge phase dimmable

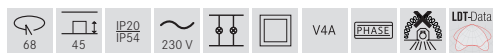
NEW

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: L 110 x W 50 x H 19 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / plastic



Article no.	Colour	Luminous flux	Colour temperature
39375073	White	680 lm	3,000 K
39375083 NEW	Black	680 lm	3,000 K
39375423	Stainless steel	680 lm	3,000 K



IP54 when installed in closed ceilings

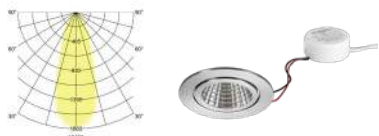
[This item is subject to discount group 1.](#)

ITANSA-R LED recessed downlight set BB15, V4A, IP54 trailing-edge phase dimmable (round converter)

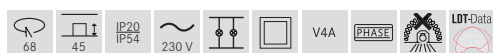
NEW

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: D 51 x H 24 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass / plastic



Article no.	Colour	Luminous flux	Colour temperature
40375073	White	680 lm	3,000 K
40375083 NEW	Black	680 lm	3,000 K
40375423	Stainless steel	680 lm	3,000 K



IP54 when installed in closed ceilings

[This item is subject to discount group 1.](#)

ITANSA-R LED recessed downlight set BB15, V4A, IP54, trailing-edge phase dimmable, with connection box

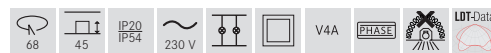
NEW

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: L 110 x W 50 x H 19 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass / plastic, includes 3-pole connection box



Article no.	Colour	Luminous flux	Colour temperature
39475073	White	680 lm	3,000 K
39475083 NEW	Black	680 lm	3,000 K
39475423	Stainless steel	680 lm	3,000 K



IP54 when installed in closed ceilings

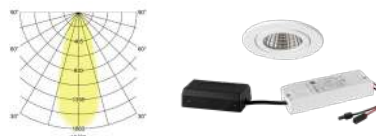
[This item is subject to discount group 1.](#)

ITANSA-R LED recessed downlight set BB15, V4A, IP54, DALI dimmable, with connection box

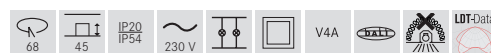
NEW

Set includes converter for 230 V mains supply, DALI-2 dimmable, converter dimensions: L 130 x W 42 x H 22 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass / plastic, includes 5-pole connection box

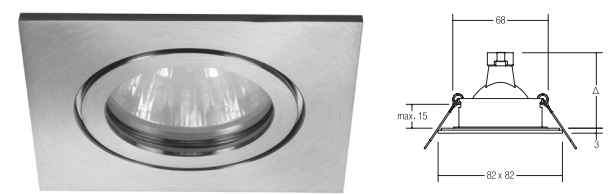


Article no.	Colour	Luminous flux	Colour temperature
41475073	White	680 lm	3,000 K
41475083 NEW	Black	680 lm	3,000 K
41475423	Stainless steel	680 lm	3,000 K



IP54 when installed in closed ceilings

[This item is subject to discount group 1.](#)



ITANSA-S Recessed downlight, V4A, IP54, GX5.3

NEW

Lamp: for LED retrofit lamp, lamp holder: GX5.3,
Power: max. 35 W, material: V4A stainless steel / aluminium / glass

Article no.	Colour
26005070	White
26005080	Black
26005220	Stainless steel



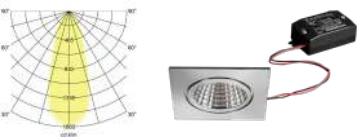
IP54 when installed in closed ceilings
[This item is subject to discount group 1.](#)

ITANSA-S LED recessed downlight set BB16, V4A, IP54 switchable

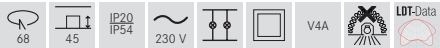
NEW

Set includes converter for 230 V mains supply, switchable, converter dimensions: L 68 x W 35 x H 21 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass / plastic



Article no.	Colour	Luminous flux	Colour temperature
38376073	White	680 lm	3,000 K
38376083	Black	680 lm	3,000 K
38376423	Stainless steel	680 lm	3,000 K



IP54 when installed in closed ceilings
[This item is subject to discount group 1.](#)

ITANSA-S Recessed downlight, V4A, IP54, GU10

NEW

Includes bracket with GU10 lamp holder for standard-compliant strain relief.

Lamp: for LED retrofit lamp, lamp holder: GU10,
Power: max. 35 W, material: V4A stainless steel / aluminium / glass

Article no.	Colour
36005070	White
36005080	Black
36005220	Stainless steel

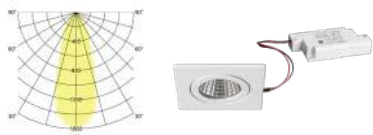


IP54 when installed in closed ceilings
[This item is subject to discount group 1.](#)

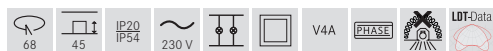
ITANSA-S LED recessed downlight set BB16, V4A, IP54, trailing-edge phase dimmable NEW

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: L 110 x W 50 x H 19 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass / plastic



Article no.	Colour	Luminous flux	Colour temperature
39376073	White	680 lm	3,000 K
39376083 NEW	Black	680 lm	3,000 K
39376423	Stainless steel	680 lm	3,000 K



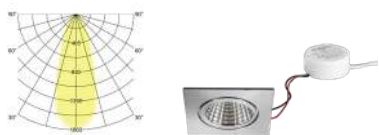
IP54 when installed in closed ceilings

[This item is subject to discount group 1.](#)

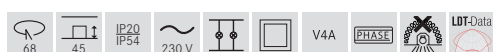
ITANSA-S LED recessed downlight set BB16, V4A, IP54 trailing-edge phase dimmable (round converter) NEW

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: D 51 x H 24 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / plastic



Article no.	Colour	Luminous flux	Colour temperature
40376073	White	680 lm	3,000 K
40376083 NEW	Black	680 lm	3,000 K
40376423	Stainless steel	680 lm	3,000 K



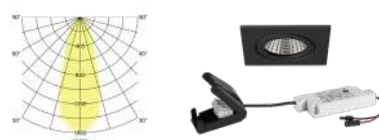
IP54 when installed in closed ceilings

[This item is subject to discount group 1.](#)

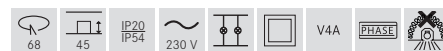
ITANSA-S LED recessed downlight set BB16, V4A, IP54, trailing-edge phase dimmable, with connection box NEW

Set includes converter for 230 V mains supply, trailing-edge phase dimmable, converter dimensions: L 110 x W 50 x H 19 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass / plastic, includes 3-pole connection box



Article no.	Colour	Luminous flux	Colour temperature
39476073	White	680 lm	3,000 K
39476083 NEW	Black	680 lm	3,000 K
39476423	Stainless steel	680 lm	3,000 K



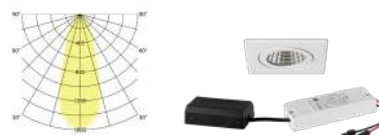
IP54 when installed in closed ceilings

[This item is subject to discount group 1.](#)

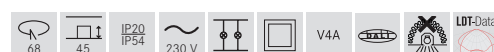
ITANSA-S LED recessed downlight set BB16, V4A, IP54, DALI dimmable, with connection box NEW

Set includes converter for 230 V mains supply, DALI-2 dimmable, converter dimensions: L 130 x W 42 x H 22 mm

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / plastic, includes 5-pole connection box



Article no.	Colour	Luminous flux	Colour temperature
41476073	White	680 lm	3,000 K
41476083 NEW	Black	680 lm	3,000 K
41476423	Stainless steel	680 lm	3,000 K



IP54 when installed in closed ceilings

[This item is subject to discount group 1.](#)

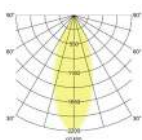




HYBRIDE LED Recessed downlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 8 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable

The Hybride ground versions can be found on p. 89.



Article no.	Colour	Luminous flux	Colour temperature
12660223	Stainless steel	860 lm	3,000 K



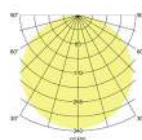
This item is subject to discount group 1.



HYBRIDE LED Recessed downlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 7 W,
Beam angle: 117°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable

The Hybride ground versions can be found on p. 89.



Article no.	Colour	Luminous flux	Colour temperature
12661223	Stainless steel	350 lm	3,000 K



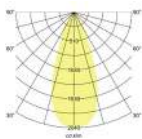
This item is subject to discount group 1.



HYBRIDE LED Recessed downlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 13 W,
Beam angle: 40°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable

The Hybride ground versions can be found on p. 89.



Article no.	Colour	Luminous flux	Colour temperature
12662223	Stainless steel	1,400 lm	3,000 K



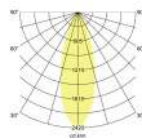
This item is subject to discount group 1.



HYBRIDE LED Recessed downlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 17 W,
Beam angle: 34°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable

The Hybride ground versions can be found on p. 89.



Article no.	Colour	Luminous flux	Colour temperature
12664223	Stainless steel	2,010 lm	3,000 K



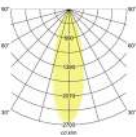
This item is subject to discount group 1.



HYBRIDE LED recessed spotlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 2 x 4.5 W,
Beam angle: 30°, luminous flux: 2 x 335 lm, material: V4A stainless steel /
aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable,
5,000 mm connecting cable and installation tool

The Hybride ground versions can be found on p. 87.



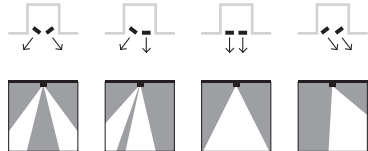
Article no.	Colour	Luminous flux	Colour temperature
12678223	Stainless steel	670 lm	3,000 K



This item is subject to discount group 1.



Two individually adjustable light sources:



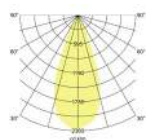
Installation tool included in scope of supply



HYBRIDE LED Recessed downlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 9 W,
Beam angle: 40°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable

The Hybride ground versions can be found on p. 88.



Article no.	Colour	Luminous flux	Colour temperature
12670223	Stainless steel	460 lm	3,000 K



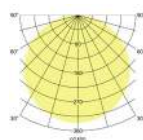
This item is subject to discount group 1.



HYBRIDE LED Recessed downlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 11 W,
Beam angle: 117°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable

The Hybride ground versions can be found on p. 88.



Article no.	Colour	Luminous flux	Colour temperature
12671223	Stainless steel	550 lm	3,000 K



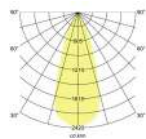
This item is subject to discount group 1.



HYBRIDE LED Recessed downlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 10 W,
Beam angle: 37°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable

The Hybride ground versions can be found on p. 88.



Article no.	Colour	Luminous flux	Colour temperature
12672223	Stainless steel	720 lm	3,000 K



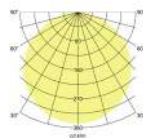
This item is subject to discount group 1.



HYBRIDE LED Recessed downlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 10 W,
Beam angle: 115°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable

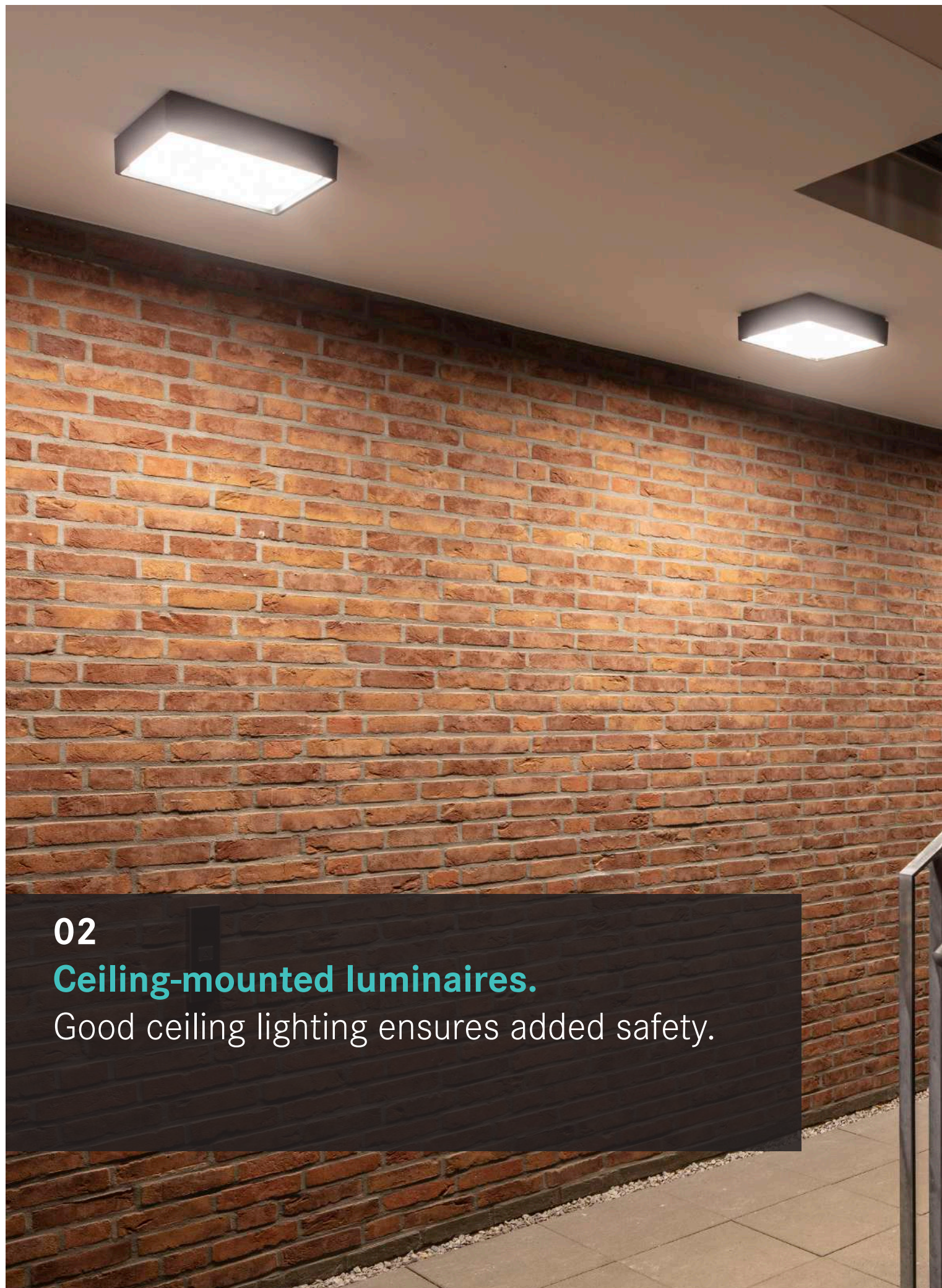
The Hybride ground versions can be found on p. 88.



Article no.	Colour	Luminous flux	Colour temperature
12673223	Stainless steel	710 lm	3,000 K



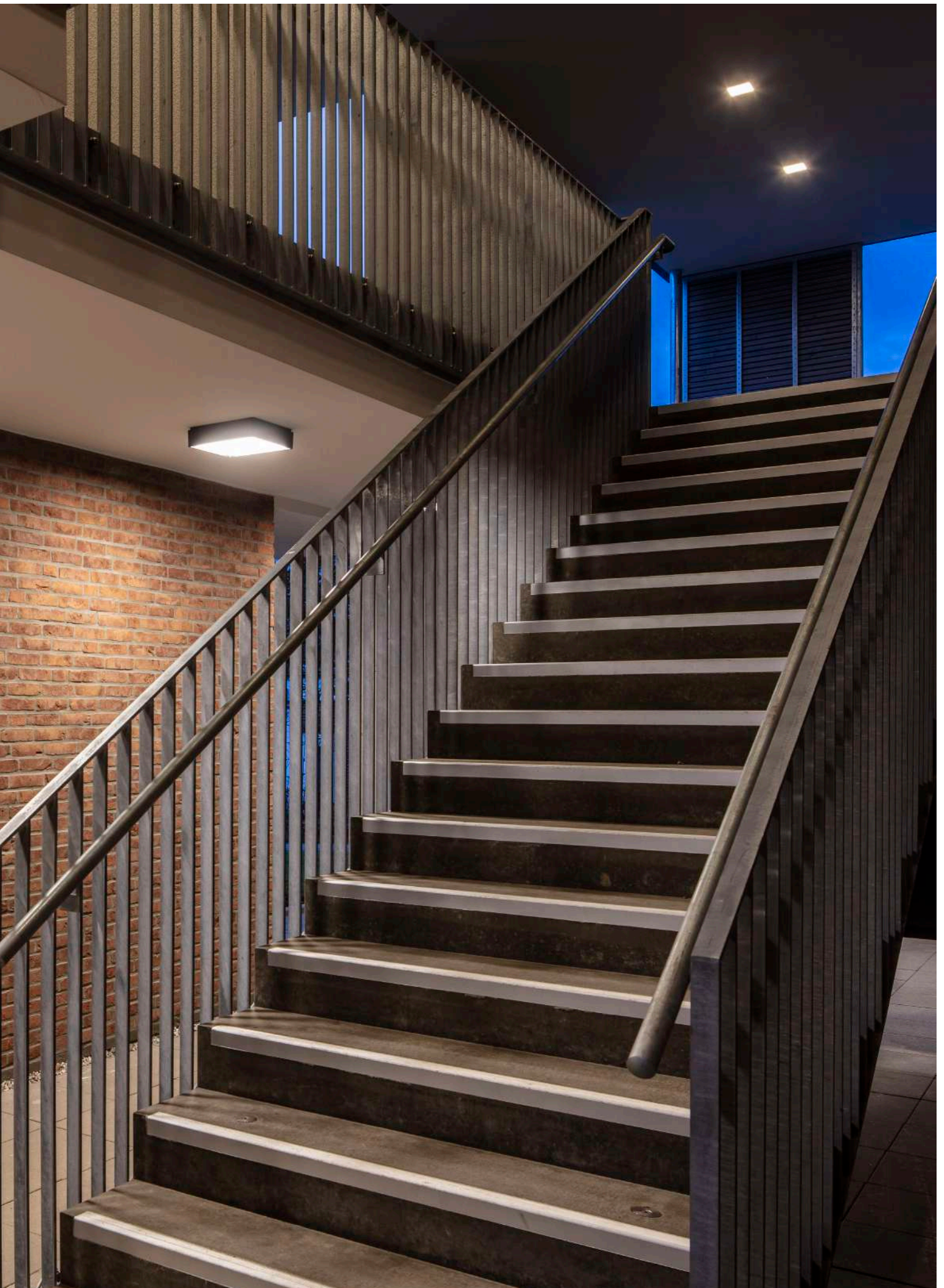
This item is subject to discount group 1.



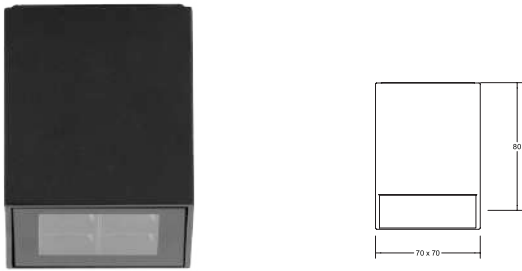
02

Ceiling-mounted luminaires.

Good ceiling lighting ensures added safety.

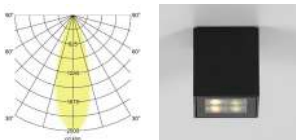






BLOKK LED ceiling-mounted luminaire IP65

Lamp: LED, colour rendering: CRI > 80, power: 10 W,
Beam angle: 34°, material: aluminium / glass, scope of supply: includes
converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
60115103	Textured graphite	635 lm	3,000 K



This item is subject to discount group 1.

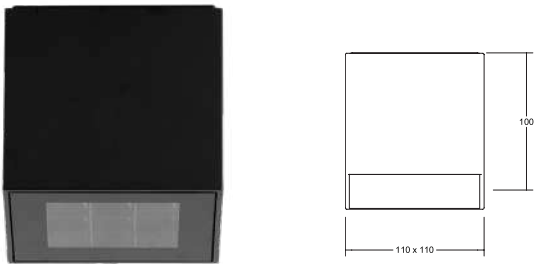
Product family BLOKK



BLOKK surface-mounted spotlight

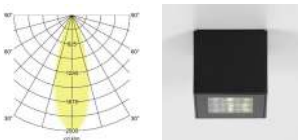
Article no.: 60111103

see page 97



BLOKK LED ceiling-mounted luminaire IP65

Lamp: LED, colour rendering: CRI > 80, power: 22 W,
Beam angle: 32°, material: aluminium / glass, scope of supply: includes
converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
60116103	Textured graphite	1,600 lm	3,000 K



This item is subject to discount group 1.



BLOKK surface-mounted spotlight

Article no.: 60112103

see page 97



COOQUEE Ceiling-mounted luminaire, IP65

Lamp: for LED retrofit lamp, lamp holder: E27,
Power: max. 8 W, material: aluminium / glass / plastic.
Lamp not included in scope of supply.

Article no.	Colour
60141180	Textured black



Accessories: Replacement glass 81070000
(with silicone seal)

This item is subject to discount group 1.

Product family COOQUEE



COOQUEE Wall-mounted luminaire

Article no.: 60140180

see page 63



COOQUEE Bollard luminaire

Article no.: 60070180

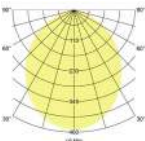
see page 114





BARTIE LED Ceiling & wall-mounted luminaire, IP54

Lamp: LED, colour rendering: CRI > 80, power: 14 W,
Beam angle: 110°, material: aluminium / acrylic, scope of supply:
includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
60107183	Textured black	1,210 lm	3,000 K

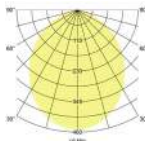


This item is subject to discount group 1.



BARTIE LED Ceiling & wall-mounted luminaire, IP54

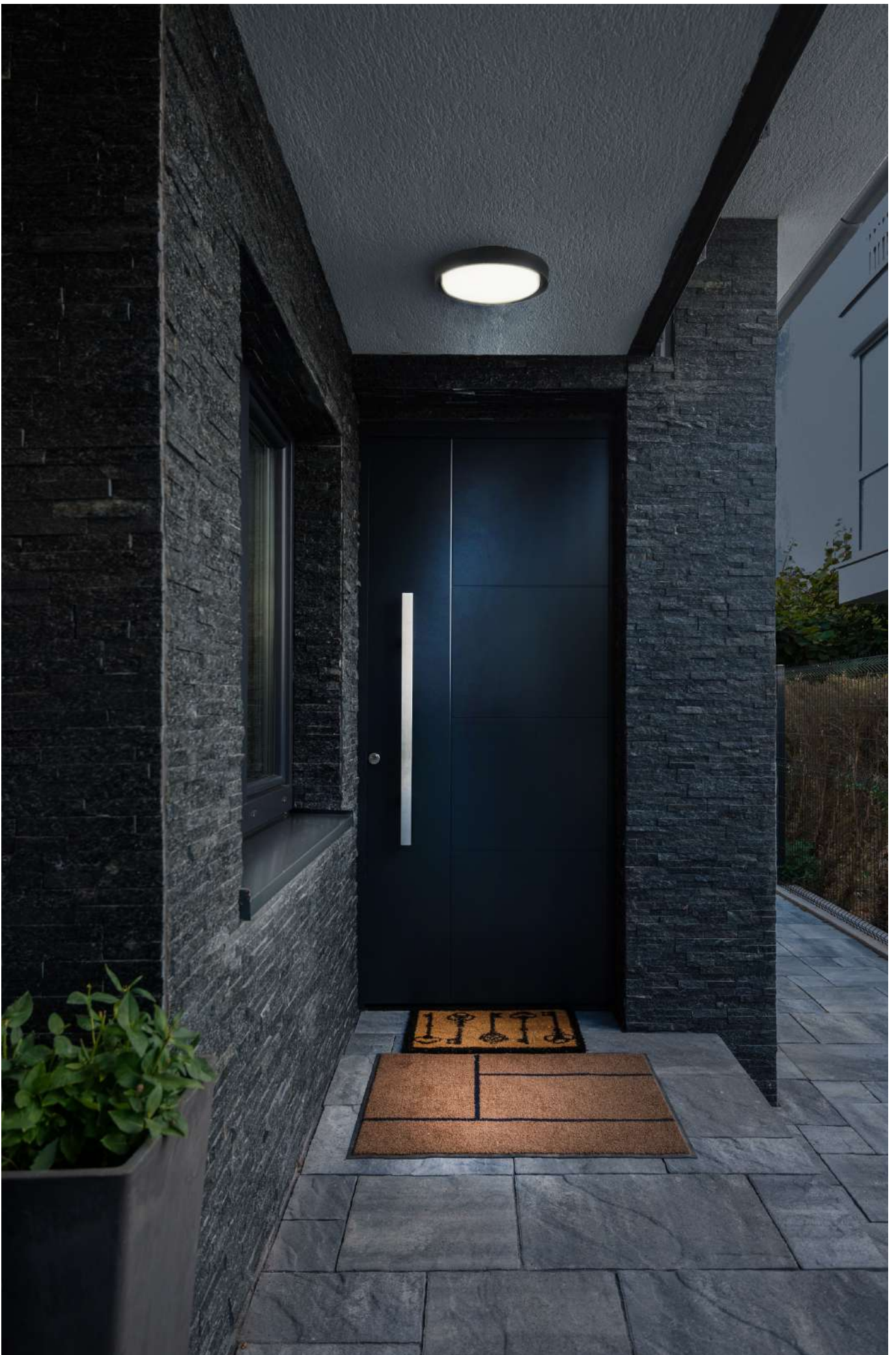
Lamp: LED, colour rendering: CRI > 80, power: 14 W,
Beam angle: 110°, material: aluminium / acrylic, scope of supply:
includes converter for connection to 230 V mains supply, switchable

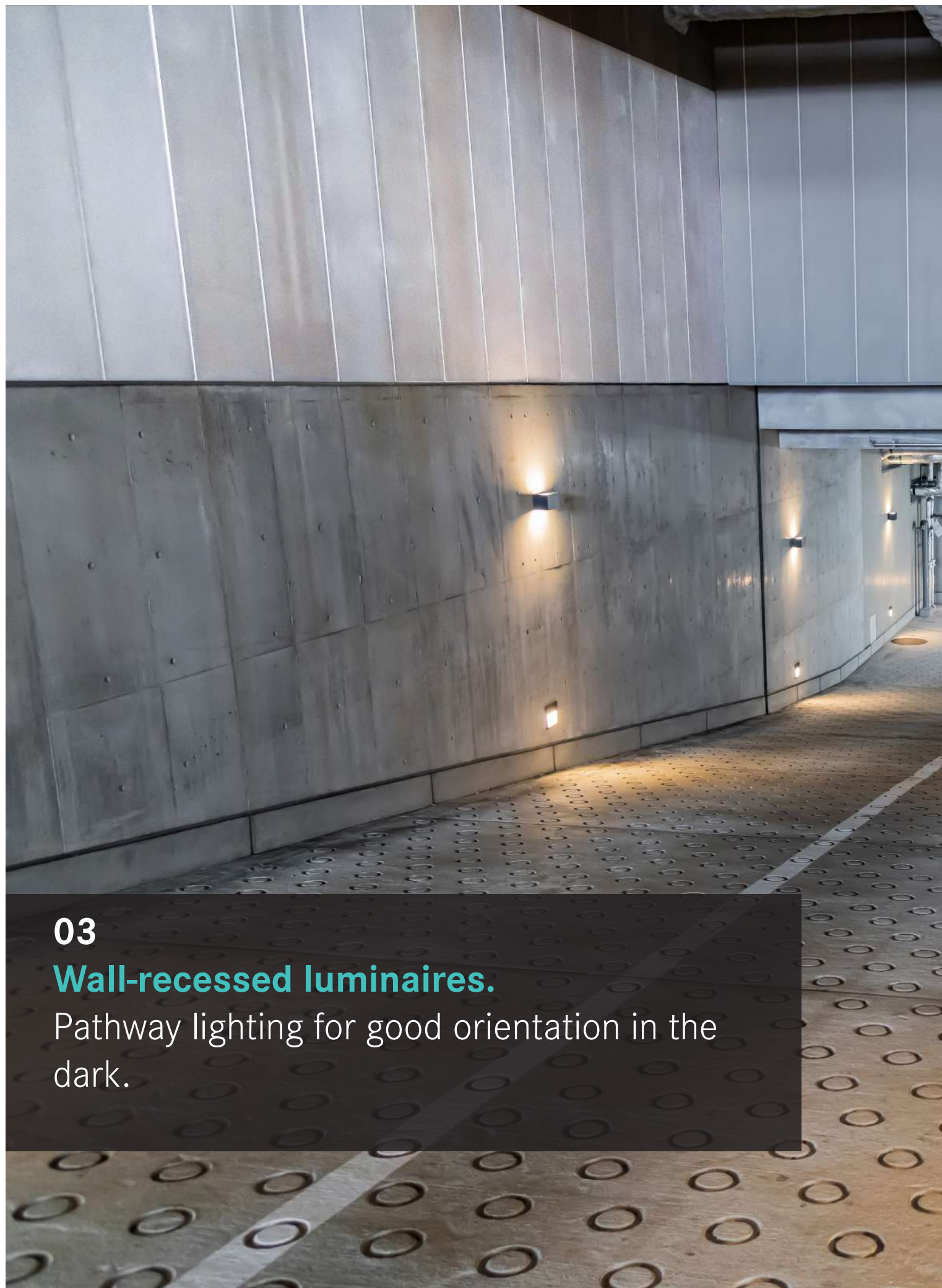


Article no.	Colour	Luminous flux	Colour temperature
60108183	Textured black	1,230 lm	3,000 K



This item is subject to discount group 1.



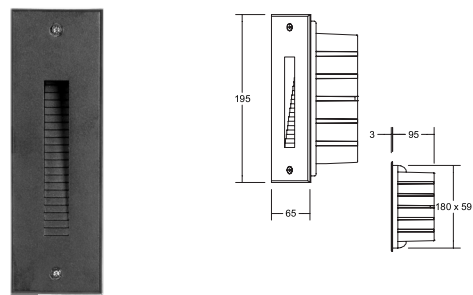


03

Wall-recessed luminaires.

Pathway lighting for good orientation in the dark.





CILIMUS LED wall-recessed luminaire, IP65

Lamp: LED, colour rendering: CRI > 80, power: 2 W,
Material: Aluminium / plastic

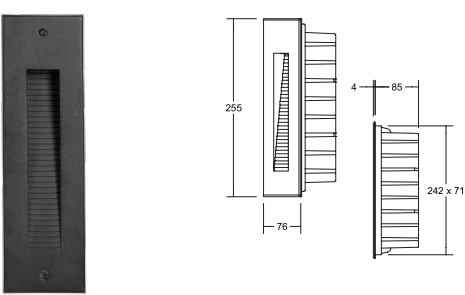
Scope of supply: includes converter for connection to 230 V mains supply, switchable and wall installation housing



Article no.	Colour	Luminous flux	Colour temperature
60210183	Textured black	100 lm	3,000 K



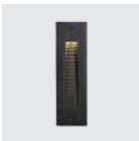
This item is subject to discount group 1.



CASANDRA LED wall-recessed luminaire, IP65

Lamp: LED, colour rendering: CRI > 80, power: 4 W,
Material: Aluminium / plastic

Scope of supply: includes converter for connection to 230 V mains supply, switchable and wall installation housing



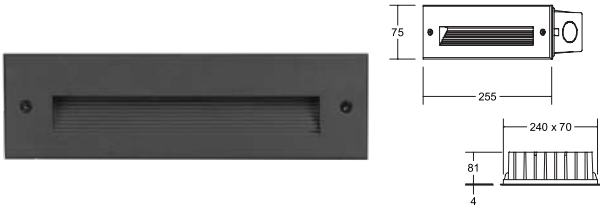
Article no.	Colour	Luminous flux	Colour temperature
60211183	Textured black	180 lm	3,000 K



This item is subject to discount group 1.



Eiswiese, Göttingen



COORARA LED wall-recessed luminaire, IP65

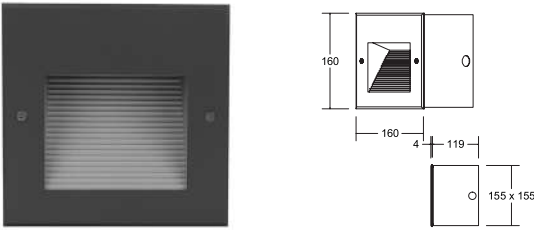
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Material: Aluminium / plastic

Scope of supply: includes converter for connection to 230 V mains
supply, switchable and wall installation housing

Article no.	Colour	Luminous flux	Colour temperature
60205183	Textured black	230 lm	3,000 K



This item is subject to discount group 1.



CARDUI LED wall-recessed luminaire, IP65

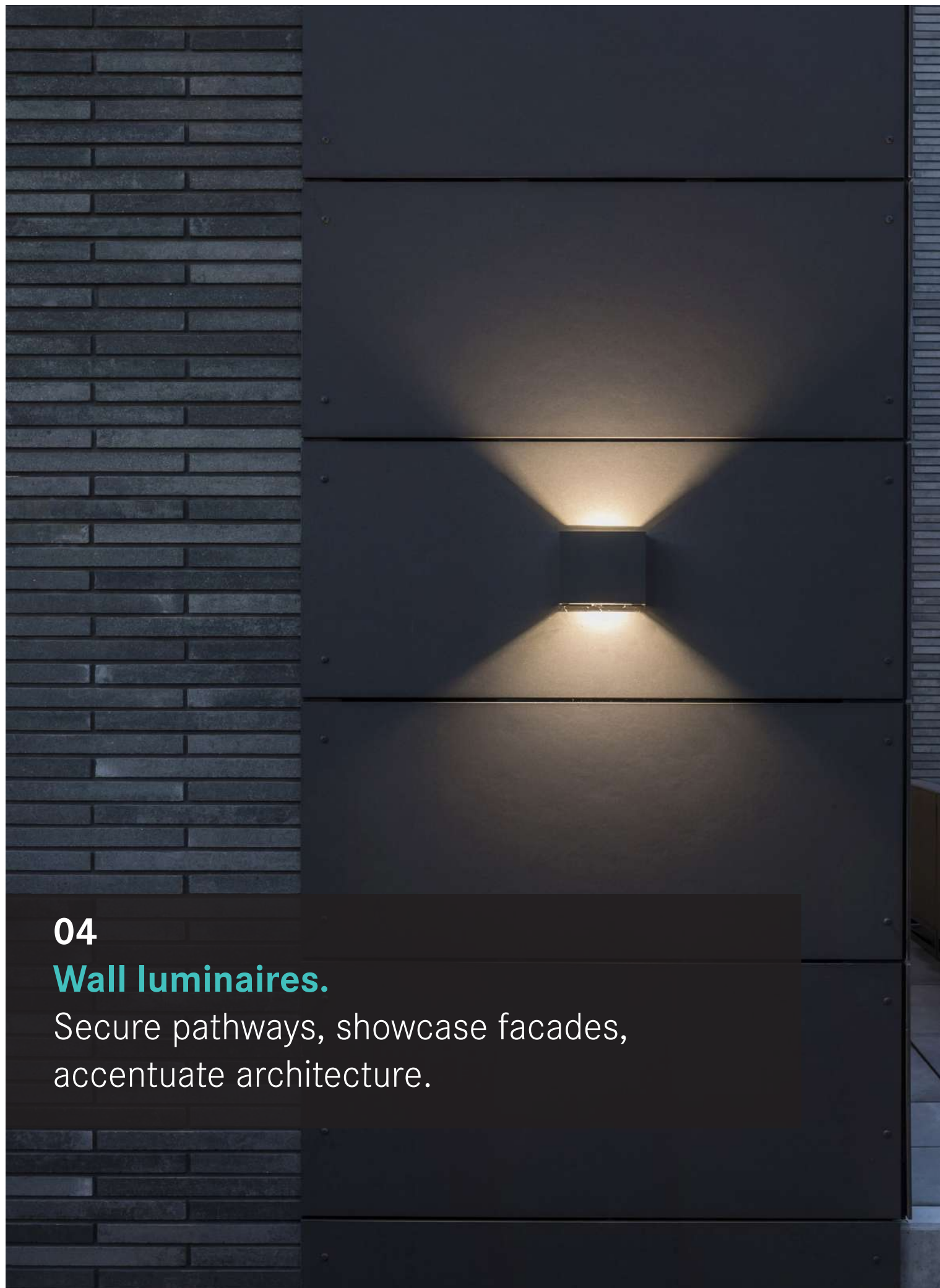
Lamp: LED, colour rendering: CRI > 80, power: 2 W,
Material: Aluminium / plastic

Scope of supply: includes converter for connection to 230 V mains
supply, switchable and wall installation housing

Article no.	Colour	Luminous flux	Colour temperature
60208183	Textured black	100 lm	3,000 K



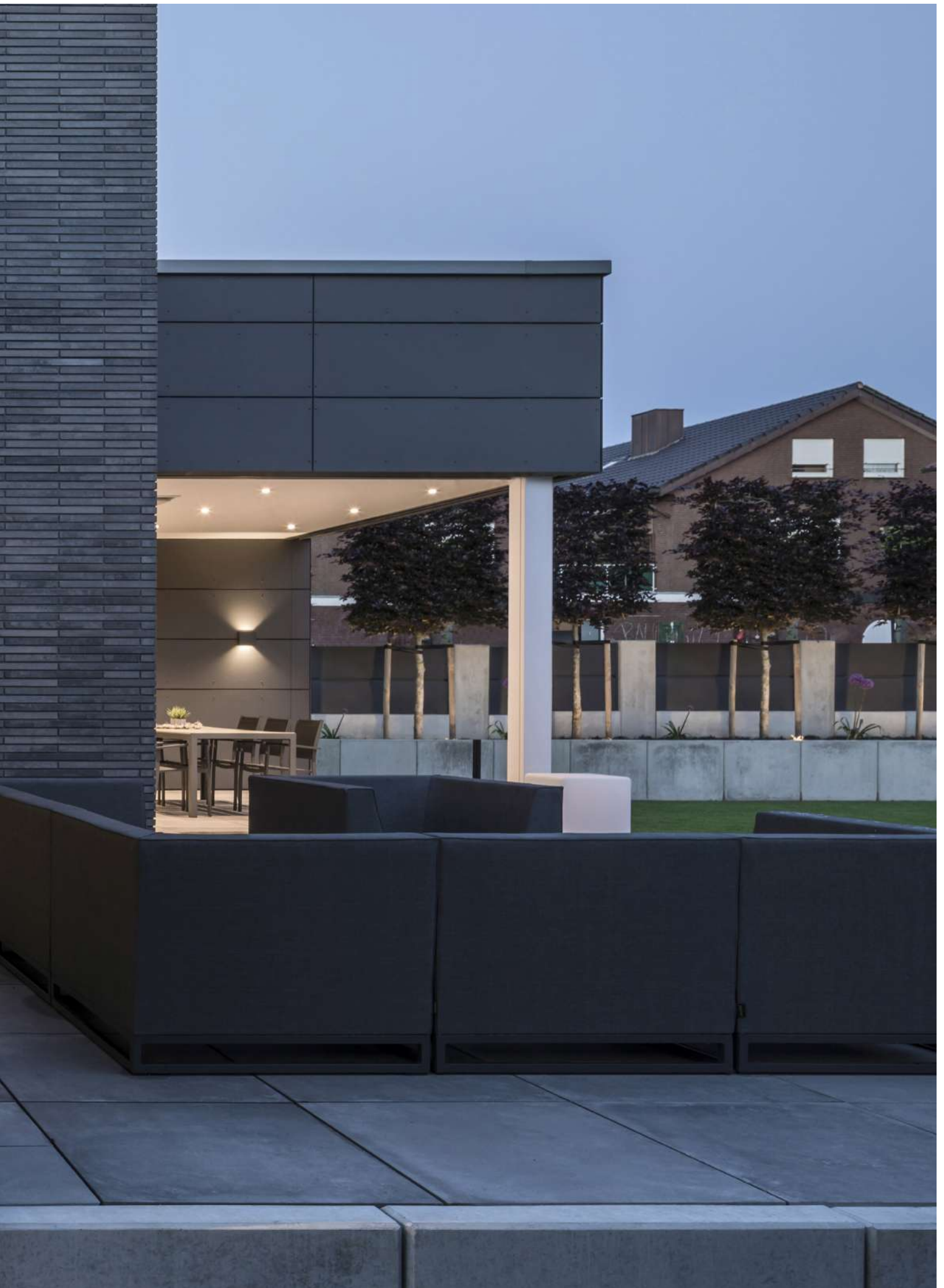
This item is subject to discount group 1.



04

Wall luminaires.

Secure pathways, showcase facades,
accentuate architecture.



STICK.

Consistent design
for outdoor areas.

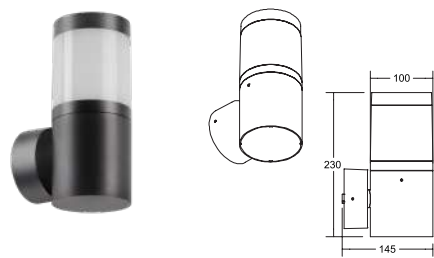
Switchable colour
temperature
3,000 K or 4,000 K.

Interchangeable luminaire
head for consistent design
with wall and bollard
luminaires



IP65
IK08

IP65 has complete protection against accidental contact. Dust cannot penetrate and it is protected against jets of water in any direction.

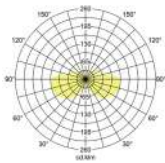


STICK LED wall-mounted luminaire, IP65

NEW

Lamp: LED, colour rendering: CRI > 80, power: 8 W,
Beam angle: 120°, material: aluminium / plastic, scope of supply:
includes converter for connection to 230 V mains supply, switchable

Service life:
L70/B50, > 50,000 h (Ta: +25 °C)



Article no.	Colour	Luminous flux	Colour temperature
10039183	NEW Textured black	530 lm	3,000 K / 4,000 K



This item is subject to discount group 1.

STICK Bollard luminaires
see page 101



EYE.

Impact-resistant
with adjustable
colour temperature



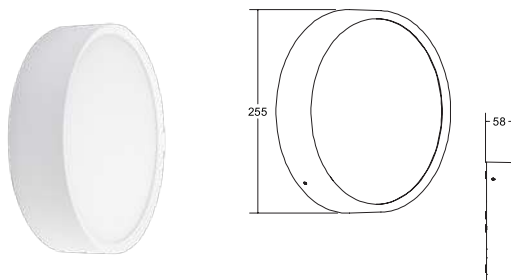
Switchable colour temperature
3,000 K, 4,000 K or 5,700 K

Switchable colour temperature
3,000 K, 4,000 K or 5,700 K



IP65
IK08

IP65 has complete protection against accidental contact. Dust cannot penetrate and it is protected against jets of water in any direction.



EYE LED wall-mounted luminaire, IP65

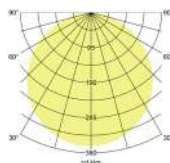
NEW

The colour temperatures can be adjusted on site from 3,000 K to 4,000 K or 5,700 K.

Lamp: LED, colour rendering: CRI > 80, power: 12 W, Beam angle: 110°, material: aluminium / plastic, scope of supply: includes converter for connection to 230 V mains supply, switchable

Service life:

L70/B50, > 50,000 h (Ta: +25 °C)

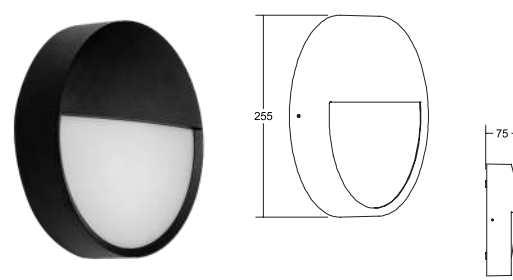


Article no.	Colour	Luminous flux
10036173	NEW Textured white	1,000 lm
10036183	Textured black	1,000 lm



Luminous flux for colour temperature 4,000 K.

These items are subject to discount group 1.



EYE LED wall-mounted luminaire, IP65

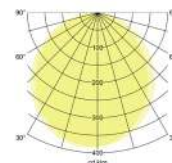
NEW

The colour temperatures can be adjusted on site from 3,000 K to 4,000 K or 5,700 K.

Lamp: LED, colour rendering: CRI > 80, power: 12 W, Beam angle: 110°, material: aluminium / plastic, scope of supply: includes converter for connection to 230 V mains supply, switchable

Service life:

L70/B50, > 50,000 h (Ta: +25 °C)

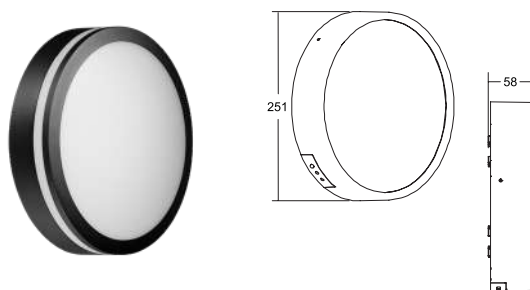


Article no.	Colour	Luminous flux
10037173	NEW Textured white	880 lm
10037183	Textured black	880 lm



Luminous flux for colour temperature 4,000 K.

These items are subject to discount group 1.



EYE LED wall-mounted luminaire, IP65

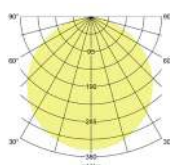
NEW

The colour temperatures can be adjusted on site from 3,000 K to 4,000 K or 5,700 K.

Lamp: LED, colour rendering: CRI > 80, power: 18 W, Beam angle: 120°, material: aluminium / plastic, scope of supply: includes converter for connection to 230 V mains supply, switchable

Service life:

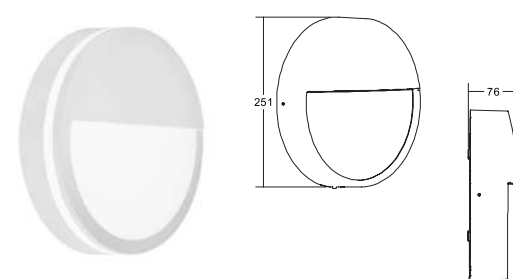
L70/B50, > 50,000 h (Ta: +25 °C)



Article no.	Colour	Luminous flux
10136173	NEW Textured white	1,530 lm
10136183	NEW Textured black	1,530 lm



These items are subject to discount group 1.



EYE LED wall-mounted luminaire, IP65

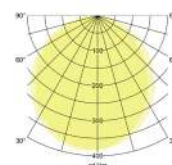
NEW

The colour temperatures can be adjusted on site from 3,000 K to 4,000 K or 5,700 K.

Lamp: LED, colour rendering: CRI > 80, power: 18 W, Beam angle: 120°, material: aluminium / plastic, scope of supply: includes converter for connection to 230 V mains supply, switchable

Service life:

L70/B50, > 50,000 h (Ta: +25 °C)



Article no.	Colour	Luminous flux
10137173	NEW Textured white	900 lm
10137183	NEW Textured black	900 lm



These items are subject to discount group 1.

YLIP.

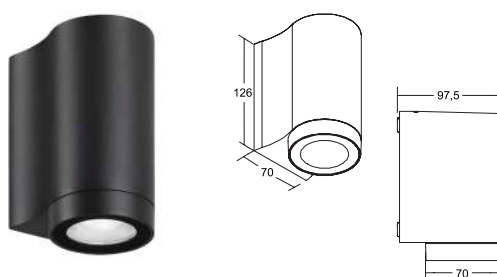
Variable colour temperature for the facade.

Switchable colour temperature
3,000 K, 4,000 K or 5,700 K



IP65
IK06

IP65 has complete protection against accidental contact. Dust cannot penetrate and it is protected against jets of water in any direction.



YLIP LED wall-mounted luminaire, IP65, direct

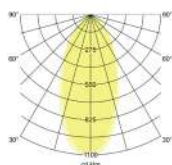
NEW

The colour temperatures can be adjusted on site from 3,000 K to 4,000 K or 5,700 K.

Lamp: LED, colour rendering: CRI > 80, power: 8 W, Beam angle: 120°, material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable

Service life:

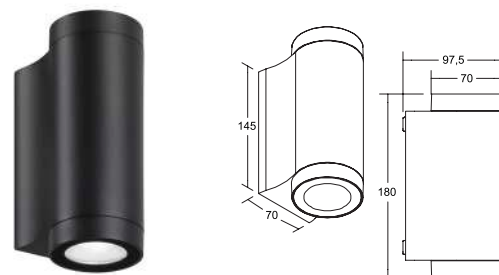
L80/B50, 54,000 h (Ta: +25 °C)



Article no.	Colour	Luminous flux
10130183	NEW Textured black	800 lm



This item is subject to discount group 1.



YLIP LED wall-mounted luminaire, IP65, direct / indirect

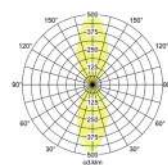
NEW

The colour temperatures can be adjusted on site from 3,000 K to 4,000 K or 5,700 K.

Lamp: LED, colour rendering: CRI > 80, power: 15 W, Beam angle: 120°, material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable

Service life:

L80/B50, 54,000 h (Ta: +25 °C)



Article no.	Colour	Luminous flux
10131183	NEW Textured black	1,500 lm



This item is subject to discount group 1.

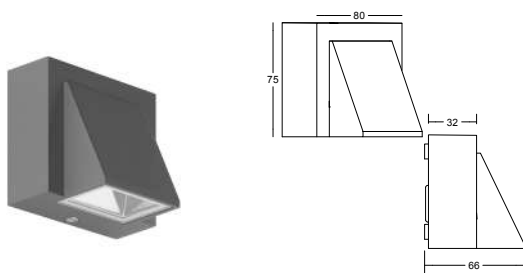
EREBIA.

Striking shape combined
with elegant light
emission.

Eye-catching lighting effect

IP54

IP54 has complete protection against accidental contact, while dust can penetrate in small quantities. In addition, it is protected against water splashing from any direction.



MEGERA LED wall-mounted luminaire, IP54, NEW direct

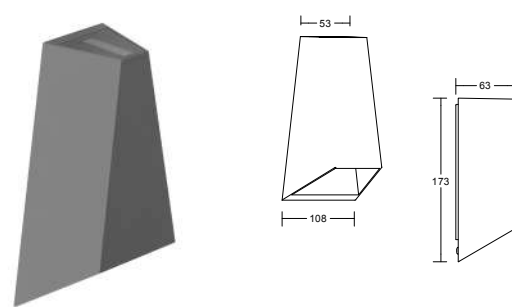
Lamp: LED, colour rendering: CRI > 80, power: 1 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65011103 NEW	Textured graphite	72 lm	3,000 K



This item is subject to discount group 1.



EREBIA LED wall-mounted luminaire, IP54, NEW direct / indirect

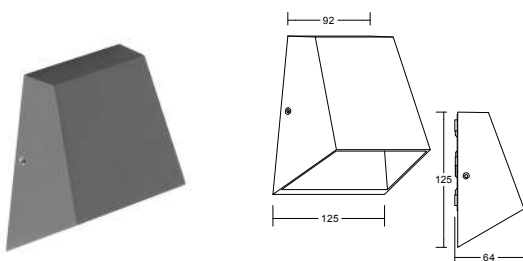
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65041103 NEW	Textured graphite	90 lm	3,000 K



This item is subject to discount group 1.



ALEXIS LED wall-mounted luminaire, IP54, NEW direct

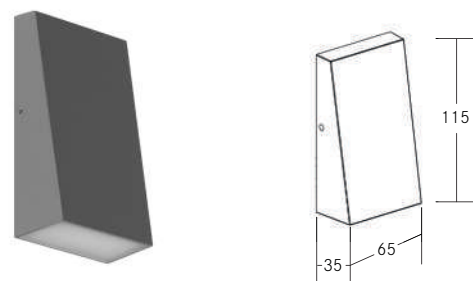
Lamp: LED, colour rendering: CRI > 80, power: 7 W,
Material: aluminium / polycarbonate, scope of scope: includes
converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65021103 NEW	Textured graphite	329 lm	3,000 K



This item is subject to discount group 1.



DAR LED wall-mounted luminaire, IP54, NEW direct

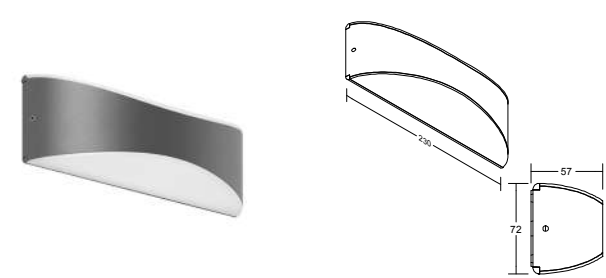
Lamp: LED, colour rendering: CRI > 80, power: 3 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65031103 NEW	Textured graphite	165 lm	3,000 K



This item is subject to discount group 1.

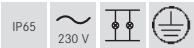


REMUS LED wall-mounted luminaire, IP65, **NEW**
direct / indirect

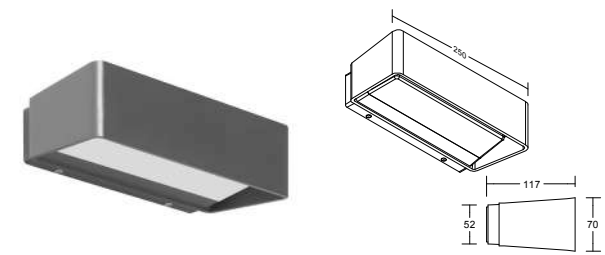
Lamp: LED, colour rendering: CRI > 80, power: 9.5 W,
Material: aluminium / polycarbonate, scope of scope: includes
converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65061103	NEW Textured graphite	1,050 lm	3,000 K



This item is subject to discount group 1.



TULLIA LED wall-mounted luminaire, IP65, **NEW**
direct / indirect

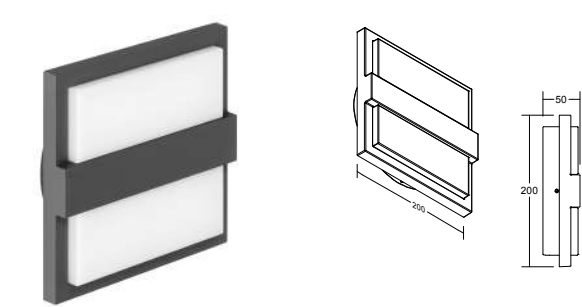
Lamp: LED, colour rendering: CRI > 80, power: 11 W,
Material: aluminium / polycarbonate, scope of scope: includes
converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65051103	NEW Textured graphite	1,000 lm	3,000 K

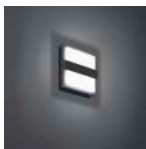


This item is subject to discount group 1.

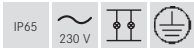


NAGAI LED wall-mounted luminaire, IP65, **NEW**
direct

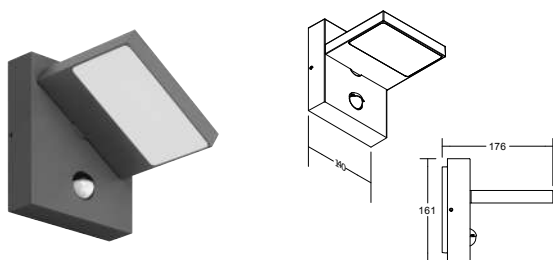
Lamp: LED, colour rendering: CRI > 80, power: 8.6 W,
Material: aluminium / polycarbonate, scope of scope: includes convert-
er for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65071103	NEW Textured graphite	780 lm	3,000 K



This item is subject to discount group 1.



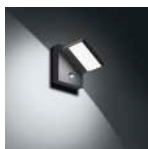
APORIA LED wall-mounted luminaire, IP54, direct

NEW

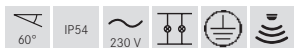
Lamp: LED, colour rendering: CRI > 80, power: 14 W,
Material: aluminium / polycarbonate, scope of supply: includes
converter for connection to 230 V mains supply, switchable, with motion
sensor

Motion sensor:

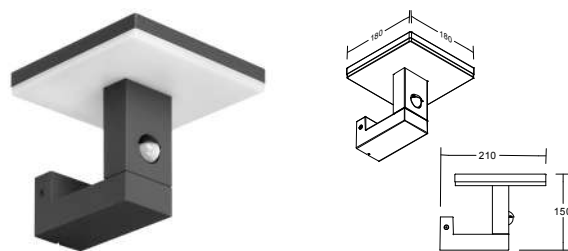
Lighting time: adjustable from 5 seconds to 10 minutes, range: 6–10 m,
detection angle: 120°, functional mode: on / off: luminaire switches off
completely after movement



Article no.	Colour	Luminous flux	Colour temperature
65131103	NEW Textured graphite	700 lm	3,000 K



This item is subject to discount group 1.



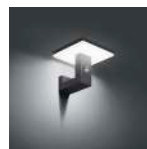
IRIS LED wall-mounted luminaire, IP54, direct

NEW

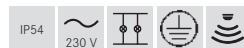
Lamp: LED, colour rendering: CRI > 80, power: 8.6 W,
Material: aluminium / polycarbonate, scope of supply: includes
converter for connection to 230 V mains supply, switchable, with motion
sensor

Motion sensor:

Lighting time: adjustable from 5 seconds to 10 minutes, range: 6–10 m,
detection angle: 120°, functional mode: on / off: luminaire switches off
completely after movement



Article no.	Colour	Luminous flux	Colour temperature
65081103	NEW Textured graphite	660 lm	3,000 K



This item is subject to discount group 1.

Product family APORIA



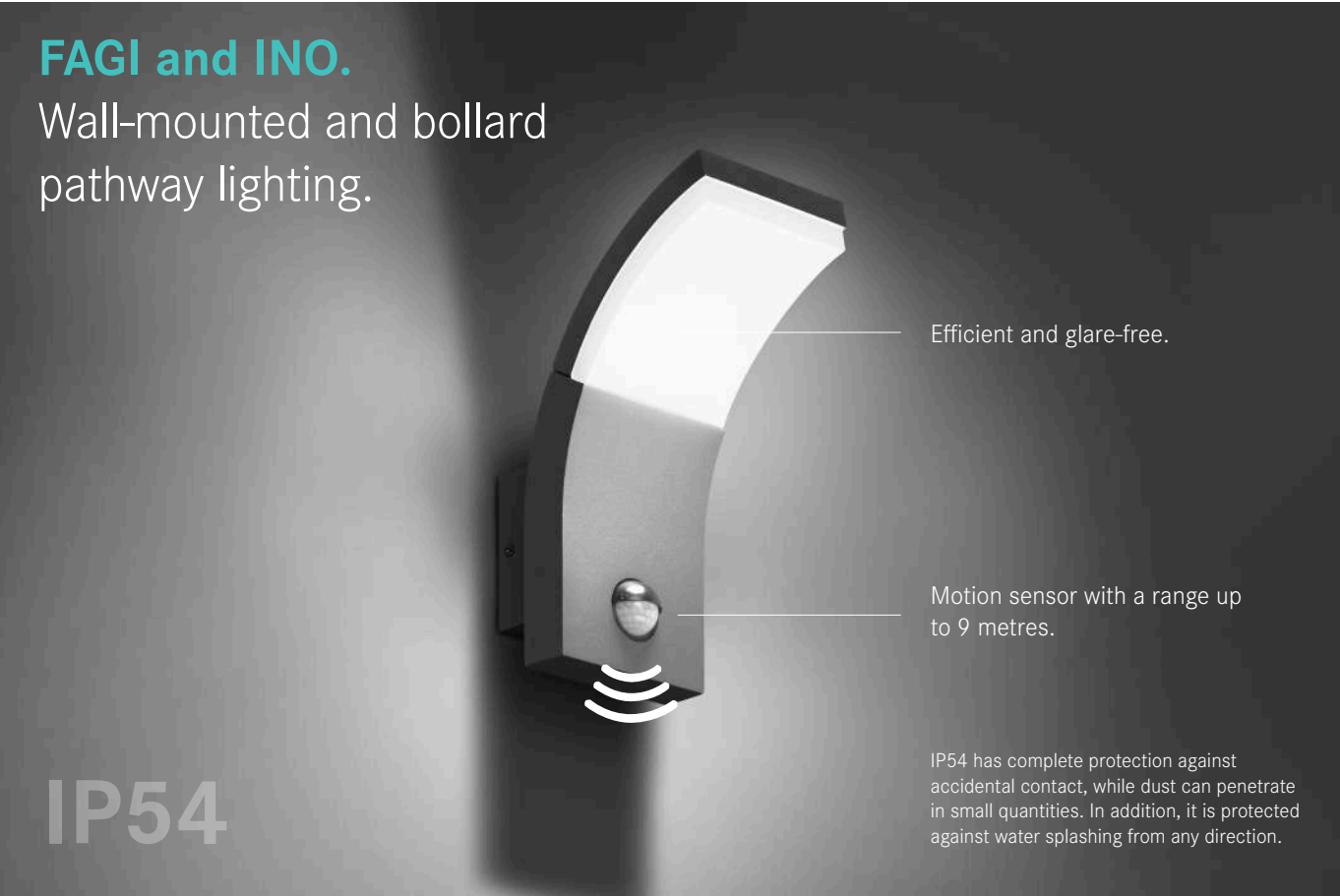
APORIA LED Bollard luminaire

Article no.: 65132103

see page 109

FAGI and INO.

Wall-mounted and bollard pathway lighting.

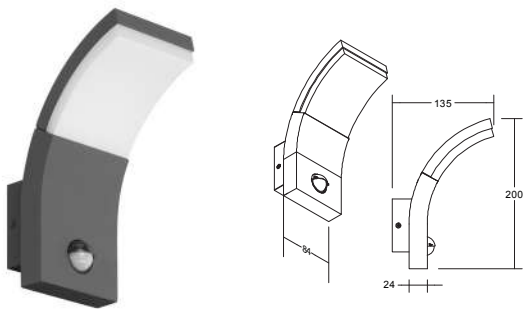


IP54

Efficient and glare-free.

Motion sensor with a range up to 9 metres.

IP54 has complete protection against accidental contact, while dust can penetrate in small quantities. In addition, it is protected against water splashing from any direction.

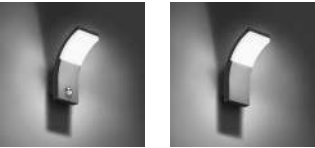


FAGI LED wall-mounted luminaire, IP54, direct

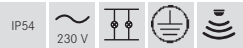
NEW

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Material: aluminium / polycarbonate, scope of supply: includes converter for connection to 230 V mains supply, switchable, with motion sensor

Motion sensor:
Lighting time: adjustable from 5 seconds to 8 minutes, range: max. 9 m,
detection angle: 120°, functional mode: on / off: luminaire switches off completely after movement



Article no.	Version	Colour	Luminous flux	Colour temperature
65111103	NEW with sensor	Textured graphite	480 lm	3,000 K
65113103	NEW without sensor	Textured graphite	480 lm	3,000 K



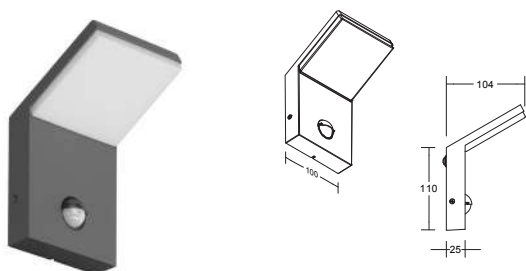
This item is subject to discount group 1.

Product family FAGI



FAGI LED Bollard luminaire
Article no.: 65112103

see page 111



INO LED wall-mounted luminaire, IP54, direct

NEW

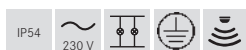
Lamp: LED, colour rendering: CRI > 80, power: 7.9 W,
Material: aluminium / polycarbonate, scope of supply: includes converter for connection to 230 V mains supply, switchable, with motion sensor

Motion sensor:

Lighting time: adjustable from 5 seconds to 8 minutes, range: max. 9 m,
detection angle: 120°, functional mode: on / off: luminaire switches off completely after movement



Article no.	Version	Colour	Luminous flux	Colour temperature
65121103	NEW with sensor	Textured graphite	680 lm	3,000 K
65123103	NEW without sensor	Textured graphite	680 lm	3,000 K



This item is subject to discount group 1.

Sizes in mm | All prices are recommended retail prices (RRP) in euros without VAT. | Errors excepted. | Orders are placed in accordance with our General Terms and Conditions of Sale printed on page 126 onwards.

Product family INO



INO LED Bollard luminaire

Article no.: 65122103

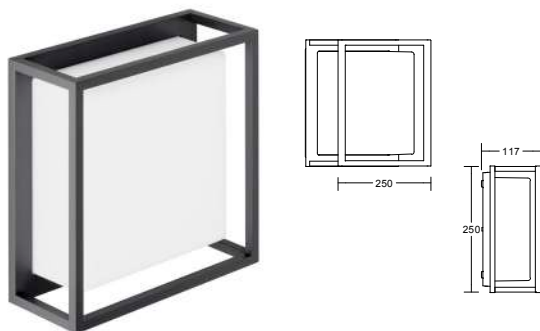
see page 111

ALLAN.



IP54

IP54 has complete protection against accidental contact, while dust can penetrate in small quantities. In addition, it is protected against water splashing from any direction.



ALLAN LED wall-mounted luminaire, IP54, direct

NEW

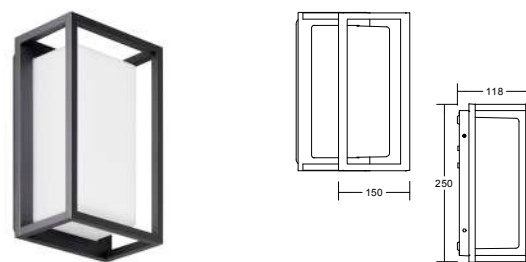
Lamp: LED, colour rendering: CRI > 80, power: 11 W,
Material: aluminium / polycarbonate, scope of scope: includes
converter
for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65161103	NEW Textured graphite	900 lm	3,000 K



This item is subject to discount group 1.



ALLAN LED wall-mounted luminaire, IP54, direct

NEW

Lamp: LED, colour rendering: CRI > 80, power: 13 W,
Material: aluminium / polycarbonate, scope of scope: includes
converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65162103	NEW Textured graphite	660 lm	3,000 K



This item is subject to discount group 1.

KEDIRI.

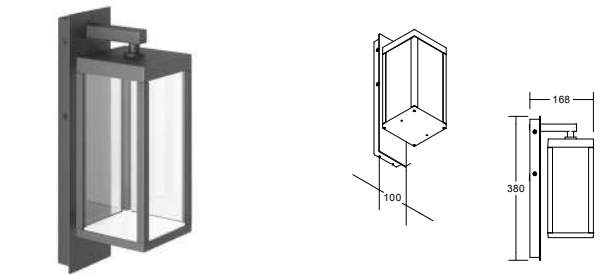
Glare-free lighting with and without loudspeaker.

Excellent design.

Built-in 3 W Bluetooth loudspeaker.
Synchronous playback when multiple luminaires are connected.

IP54 has complete protection against accidental contact, while dust can penetrate in small quantities. In addition, it is protected against water splashing from any direction.

IP54



KEDIRI LED wall-mounted luminaire, IP54, direct NEW

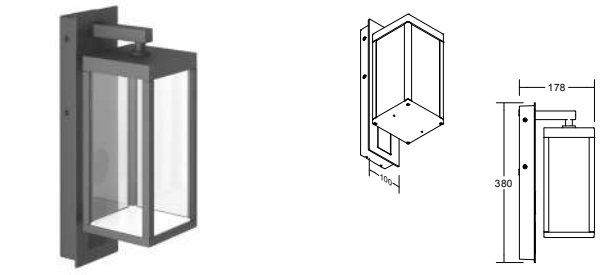
Lamp: LED, colour rendering: CRI > 80, power: 11 W,
Material: aluminium / glass / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65171103	NEW Textured graphite	750 lm	3,000 K



This item is subject to discount group 1.

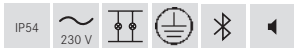


KEDIRI LED wall-mounted luminaire, IP54, direct, with loudspeaker NEW

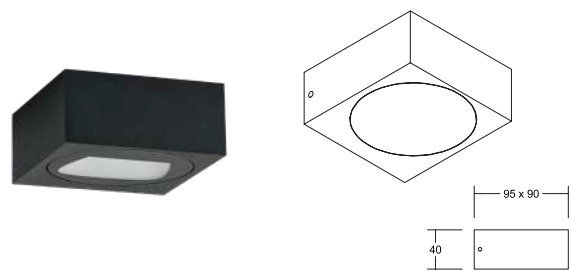
Lamp: LED, colour rendering: CRI > 80, power: 12 W,
Material: aluminium / glass / polycarbonate, scope of supply: includes converter for connection to 230 V mains supply, switchable, with loudspeaker



Article no.	Colour	Luminous flux	Colour temperature
65172103	NEW Textured graphite	800 lm	3,000 K

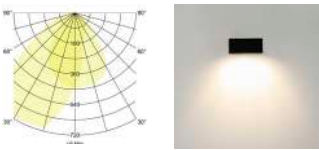


This item is subject to discount group 1.

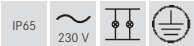


QUADER LED wall-mounted luminaire, IP65, direct

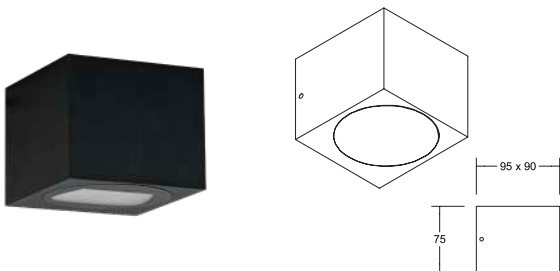
Lamp: LED, power: 5 W, material: aluminium / glass,
Scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
10120103	Textured graphite	310 lm	3,000 K

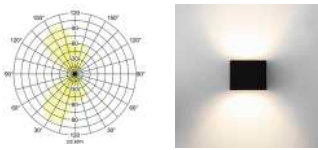


This item is subject to discount group 1.



QUADER LED wall-mounted luminaire, IP65, direct / indirect

Lamp: LED, power: 2 x 4 W, material: aluminium / glass,
Scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
10121103	Textured graphite	620 lm	3,000 K



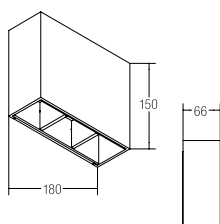
This item is subject to discount group 1.

Product family QUADER



QUADER Bollard luminaire
Art. no. 60120103

see page 112



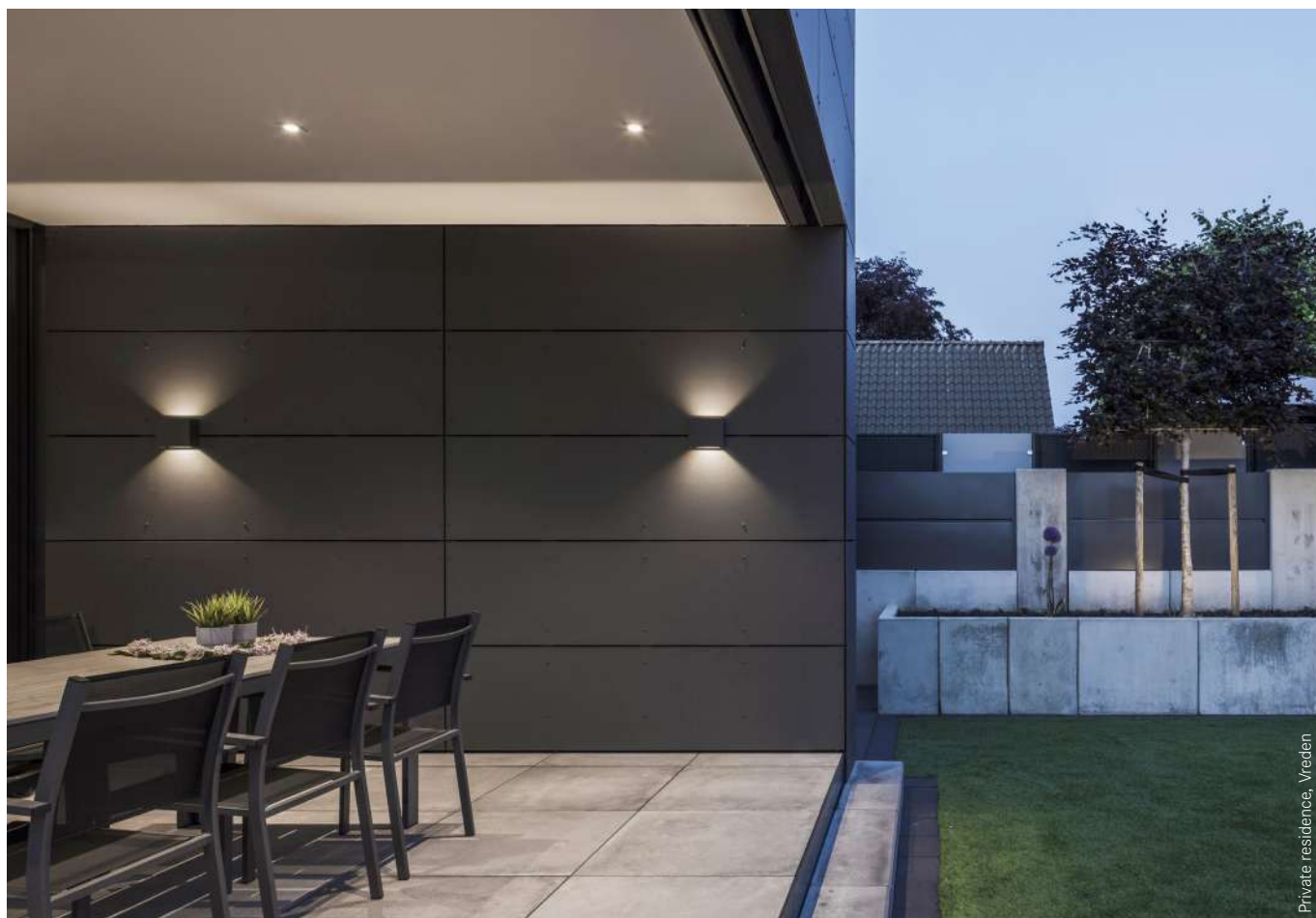
MARIBO LED wall-mounted luminaire, IP54, direct / indirect

Lamp: LED, colour rendering: CRI > 80, power: 2x 3.7 W, Beam angle: 100°, material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable

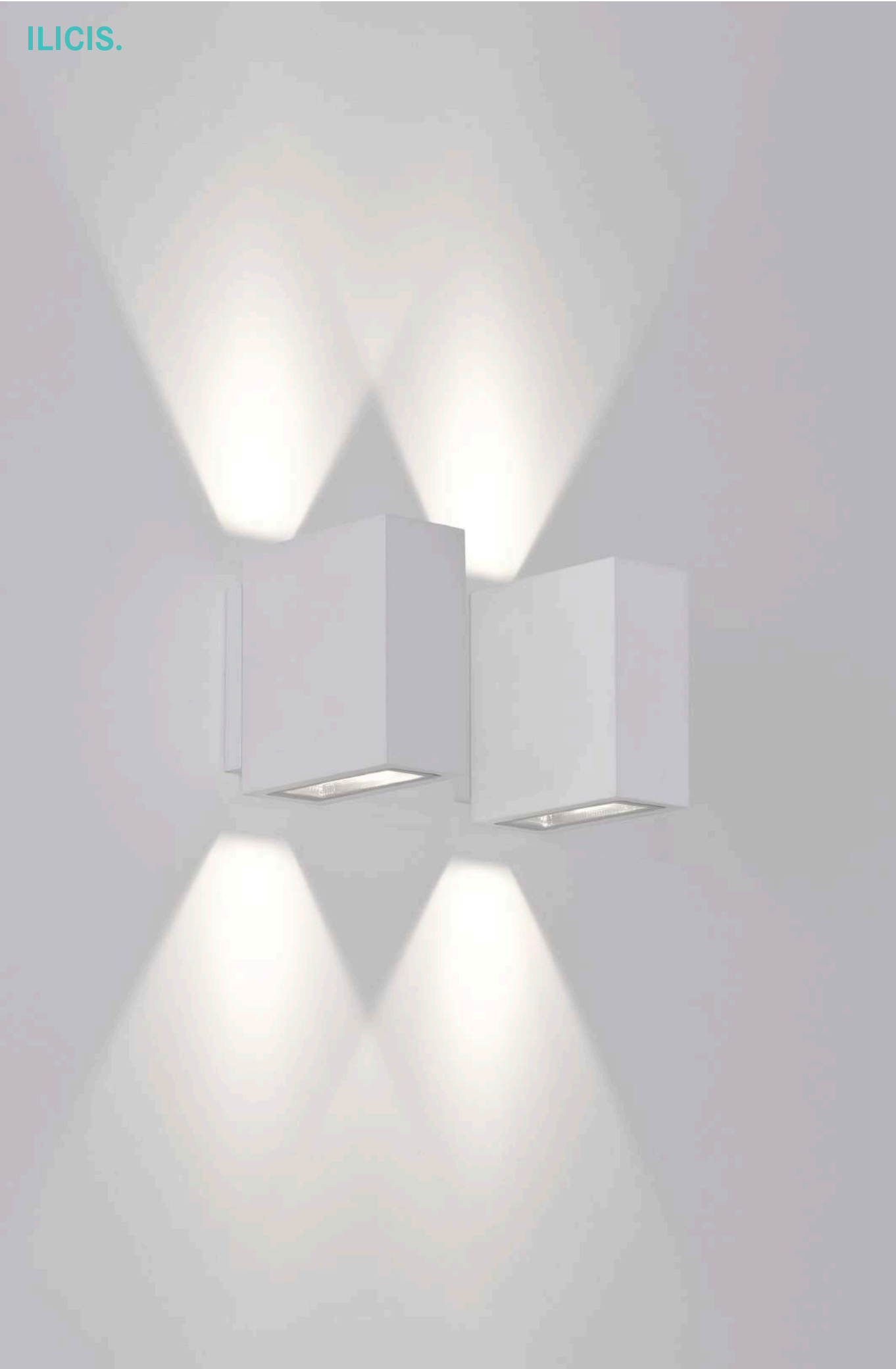
Direct and indirect light emission. Wall-mounted luminaire, outer housing slides over without screws. Two flaps each on the top and bottom adjust the light emission of the respective light cone. Beam angle 2 x max. 100°.

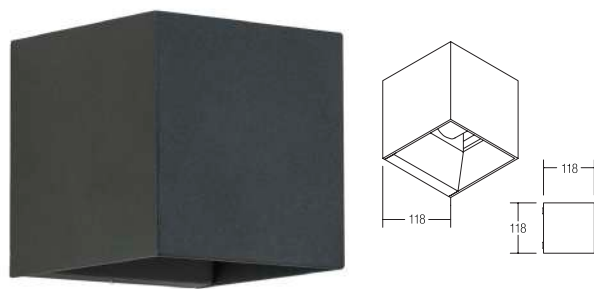


Article no.	Colour	Luminous flux	Colour temperature
60110103	Textured graphite	424 lm	3,000 K



ILICIS.





DULVIA LED wall-mounted luminaire, IP54, direct / indirect

Direct and indirect light emission (a centrally positioned light source).

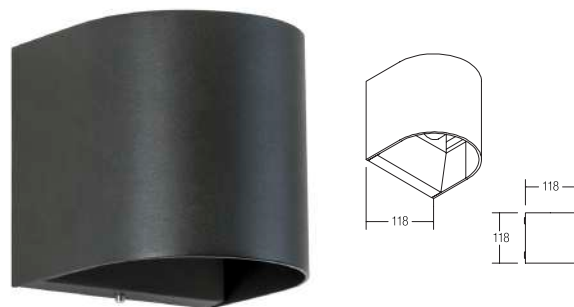
Lamp: LED, colour rendering: CRI > 80, power: 10 W,
Material: aluminium / acrylic, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
60025183	Textured black	800 lm	3,000 K



This item is subject to discount group 1.



RULVIA LED wall-mounted luminaire, IP54, direct / indirect

Direct and indirect light emission (a centrally positioned light source).

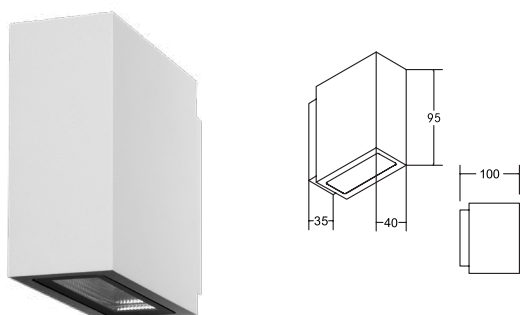
Lamp: LED, colour rendering: CRI > 80, power: 10 W,
Material: aluminium / acrylic, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
60026183	Textured black	800 lm	3,000 K



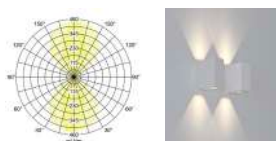
This item is subject to discount group 1.



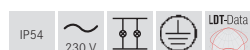
ILICIS LED wall-mounted luminaire, IP54, direct / indirect

Direct and indirect light emission.

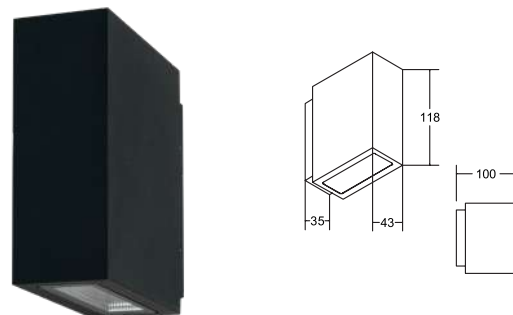
Lamp: LED, colour rendering: CRI > 80, power: 2x 3 W,
Beam angle: 60°, luminous flux: 2 x 225 lm, material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
10013103	Textured graphite	450 lm	3,000 K
10013173	Textured white	450 lm	3,000 K



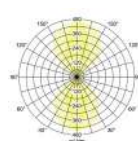
These items are subject to discount group 1.



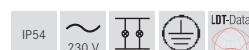
ILICIS LED wall-mounted luminaire, IP54, direct / indirect

Direct and indirect light emission.

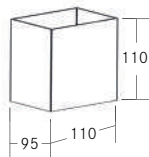
Lamp: LED, colour rendering: CRI > 80, power: 2x 5 W,
Beam angle: 60°, luminous flux: 2 x 325 lm, material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
10033103	Textured graphite	650 lm	3,000 K
10033173	Textured white	650 lm	3,000 K



These items are subject to discount group 1.

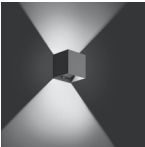


IDAS LED wall-mounted luminaire, IP54, direct / indirect

NEW

Direct and indirect light emission (a centrally positioned light source).

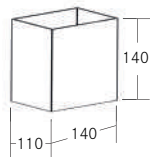
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Material: aluminium / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65141103	NEW Textured graphite	400 lm	3,000 K



This item is subject to discount group 1.

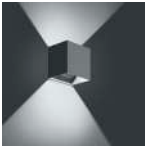


IDAS LED wall-mounted luminaire, IP54, direct / indirect

NEW

Direct and indirect light emission (a centrally positioned light source).

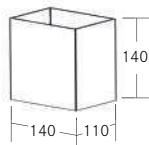
Lamp: LED, colour rendering: CRI > 80, power: 12 W,
Material: aluminium / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65142103	NEW Textured graphite	800 lm	3,000 K



This item is subject to discount group 1.



IDAS LED wall-mounted luminaire, IP54, direct

NEW

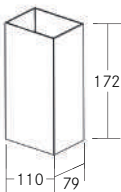
Lamp: LED, colour rendering: CRI > 80, power: 3 W,
Material: aluminium / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65143103	NEW Textured graphite	200 lm	3,000 K



This item is subject to discount group 1.



IDAS LED wall-mounted luminaire, IP54, direct / indirect

NEW

Direct and indirect light emission (a centrally positioned light source).

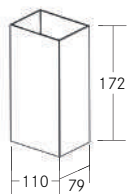
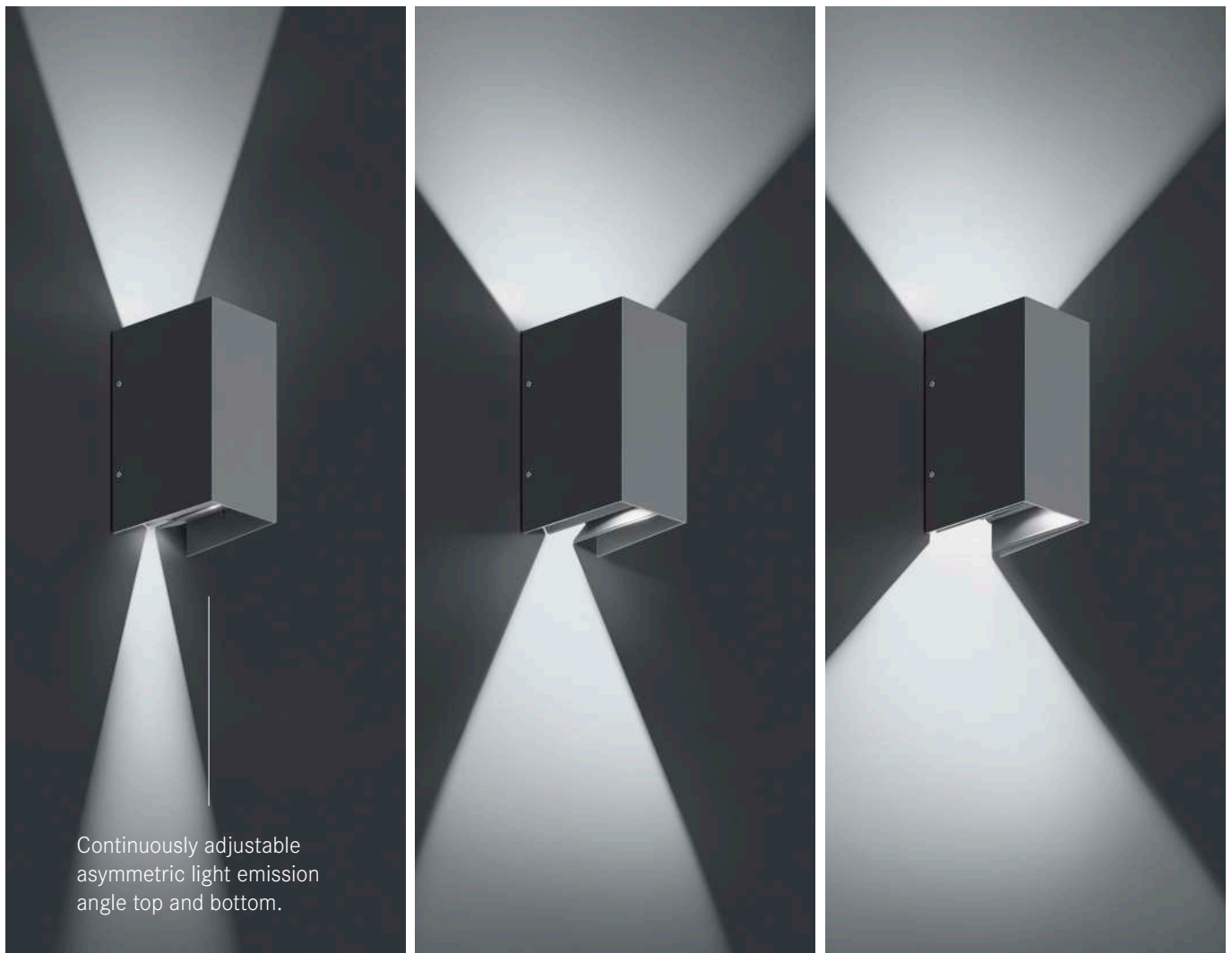
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Material: aluminium / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65144103	NEW Textured graphite	400 lm	3,000 K



This item is subject to discount group 1.



COLIAS LED wall-mounted luminaire, IP54, **NEW** direct / indirect

Lamp: LED, colour rendering: CRI > 80, power: 2 x 3 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable

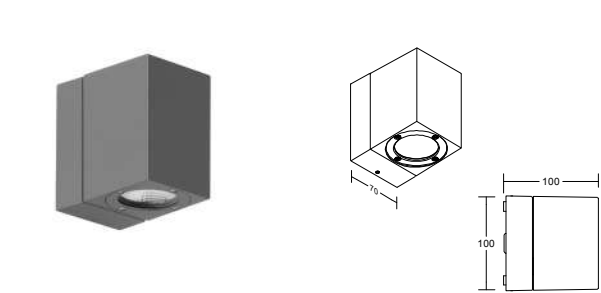


Article no.	Colour	Luminous flux	Colour temperature
65151103 NEW	Textured graphite	500 lm	3,000 K



This item is subject to discount group 1.

Sizes in mm | All prices are recommended retail prices (RRP) in euros without VAT. | Errors excepted. |
Orders are placed in accordance with our General Terms and Conditions of Sale printed on page 126 onwards.

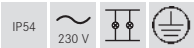


SELIA LED wall-mounted luminaire, IP54, direct NEW

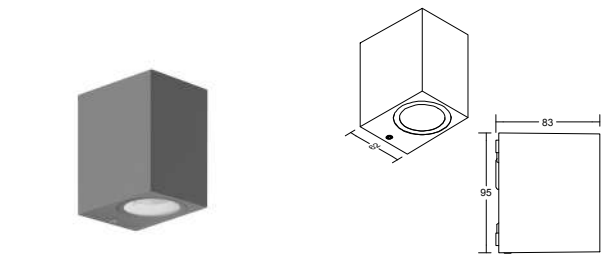
Lamp: LED, colour rendering: CRI > 80, power: 7 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65231103	NEW Textured graphite	530 lm	3,000 K



This item is subject to discount group 1.

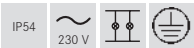


SELIA LED wall-mounted luminaire, IP54, direct NEW

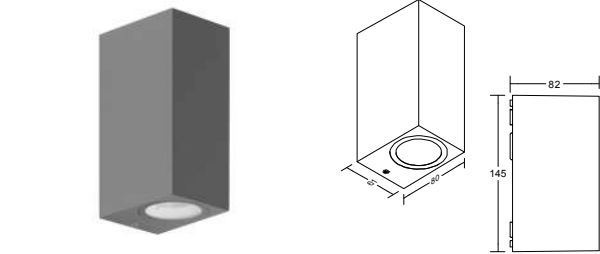
Lamp: LED, power: 7 W, material: aluminium / glass,
Scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65232103	NEW Textured graphite	604 lm	3,000 K

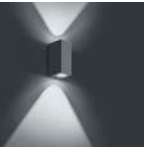


This item is subject to discount group 1.



SELIA LED wall-mounted luminaire, IP54, direct / indirect NEW

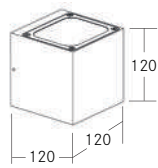
Lamp: LED, colour rendering: CRI > 80, power: 2 x 7 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65233103	NEW Textured graphite	1,150 lm	3,000 K



This item is subject to discount group 1.



SELIA LED wall-mounted luminaire, IP54, direct

NEW

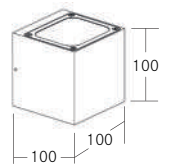
Lamp: LED, colour rendering: CRI > 80, power: 9 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65234103	NEW Textured graphite	625 lm	3,000 K



This item is subject to discount group 1.



SELIA LED wall-mounted luminaire, IP54, direct / indirect

NEW

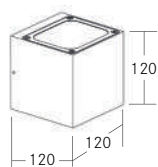
Lamp: LED, colour rendering: CRI > 80, power: 2 x 5 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65235103	NEW Textured graphite	750 lm	3,000 K



This item is subject to discount group 1.



SELIA LED wall-mounted luminaire, IP54, direct / indirect

NEW

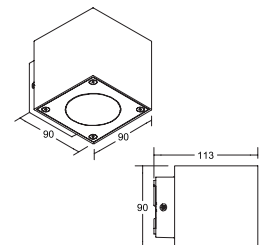
Lamp: LED, colour rendering: CRI > 80, power: 2 x 9 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65236103	NEW Textured graphite	1,300 lm	3,000 K



This item is subject to discount group 1.



SELIA LED wall-mounted luminaire, IP54, direct / indirect

NEW

Lamp: LED, colour rendering: CRI > 80, power: 2 x 3 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65237103	NEW Textured graphite	480 lm	3,000 K

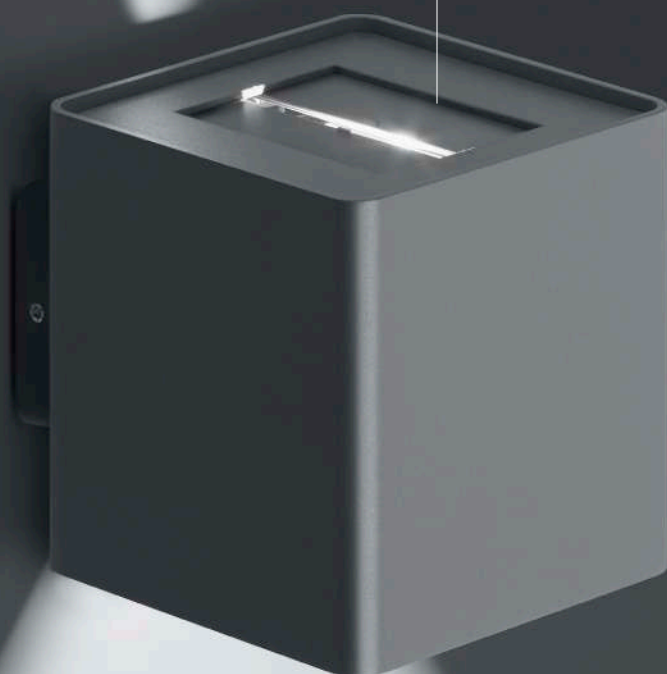


This item is subject to discount group 1.

SITTA.

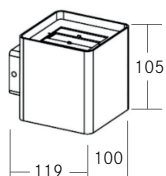
Rectilinear design with elegant lighting effect.

Continuously adjustable symmetric light emission angle top and bottom.



IP54

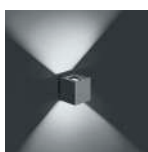
IP54 has complete protection against accidental contact, while dust can penetrate in small quantities. In addition, it is protected against water splashing from any direction.



SITTA LED wall-mounted luminaire, IP54, direct / indirect

NEW

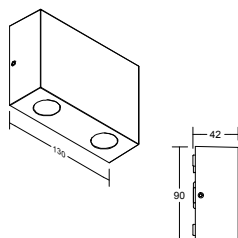
Lamp: LED, colour rendering: CRI > 80, power: 2 x 7 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65091103	NEW Textured graphite	1,200 lm	3,000 K



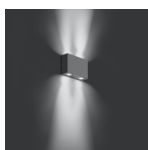
This item is subject to discount group 1.



ELLA LED wall-mounted luminaire, IP54, direct / indirect

NEW

Lamp: LED, colour rendering: CRI > 80, power: 4 x 1 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65241103	NEW Textured graphite	390 lm	3,000 K



This item is subject to discount group 1.



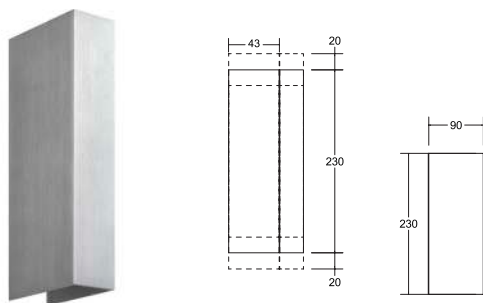
CLIQ.

Effective staging of facades.

Adjustable light emission by sliding the shade.

IP65

IP65 has complete protection against accidental contact. Dust cannot penetrate and it is protected against jets of water in any direction.



CLIQ LED wall-mounted luminaire, IP65

Direct and indirect light emission. Three-step height-adjustable shade for setting different light emissions.

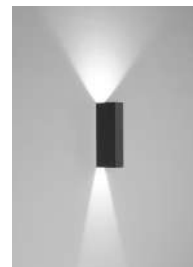
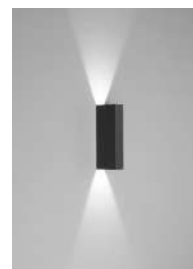
Lamp: LED, colour rendering: CRI > 90, power: 2x 4.6 W, Luminous flux: 2 x 190 lm, material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable

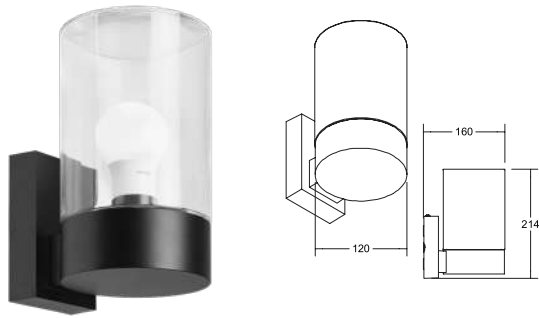
Article no.	Colour	Luminous flux	Colour temperature
60127173	Textured white	790 lm	3,000 K
60127183	Textured black	790 lm	3,000 K
60127253	matt aluminium	790 lm	3,000 K



* Must be mounted on a level surface.

These items are subject to discount group 1.



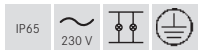


COOQUEE Wall-mounted luminaire, IP65

Lamp: for LED retrofit lamp, lamp holder: E27,
Power: max. 8 W, material: aluminium / glass / plastic, lamp not
included in scope of supply.

Article no. Colour

60140180 Textured black



Accessories: Replacement glass 81070000
(with silicone seal)

This item is subject to discount group 1.



Product family COOQUEE



COOQUEE Ceiling-mounted luminaire

Article no.: 60141180

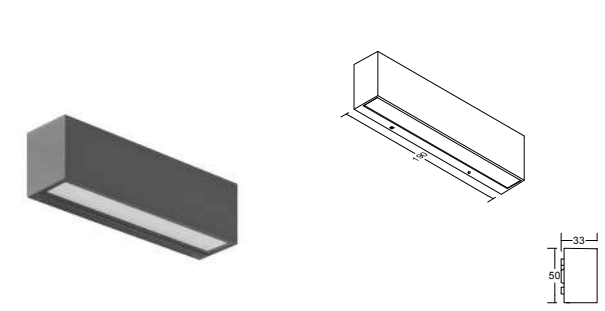
see page 26



COOQUEE Bollard luminaire

Article no.: 60070180

see page 114



DARBEE LED wall-mounted luminaire, IP65, **NEW** direct

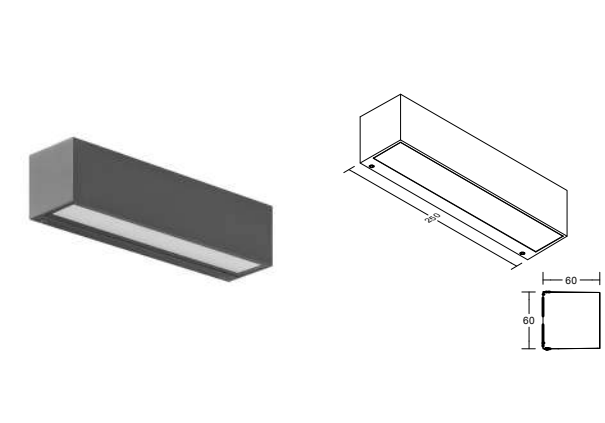
Lamp: LED, colour rendering: CRI > 80, power: 3.1 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65251103	NEW Textured graphite	208 lm	3,000 K



This item is subject to discount group 1.



DARBEE LED wall-mounted luminaire, IP65, **NEW** direct

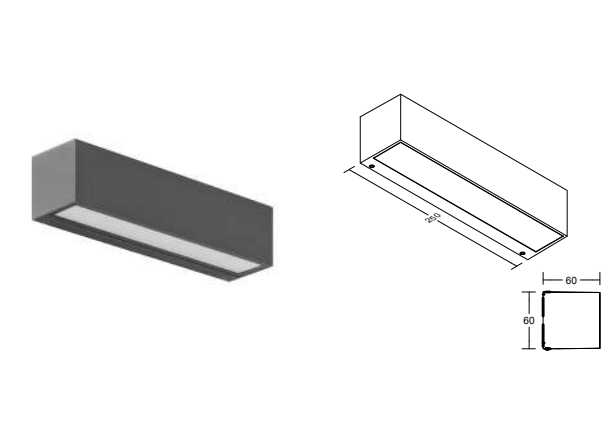
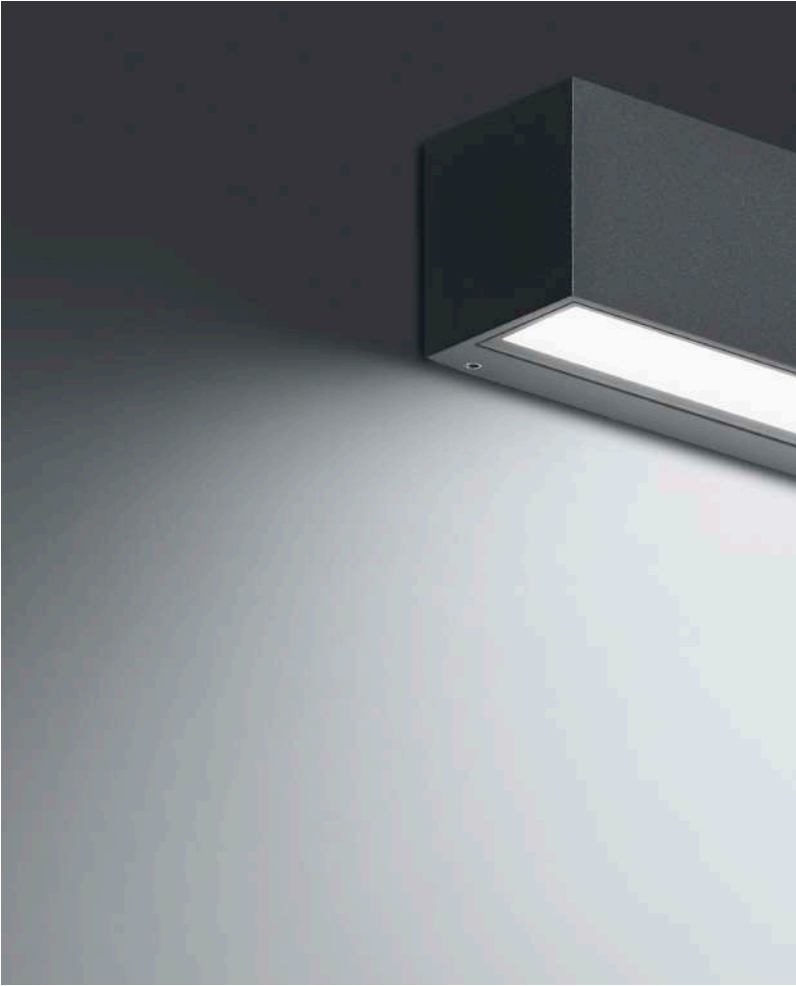
Lamp: LED, colour rendering: CRI > 80, power: 9 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65252103	NEW Textured graphite	600 lm	3,000 K



This item is subject to discount group 1.



DARBEE LED wall-mounted luminaire, IP65, **NEW** direct / indirect

Lamp: LED, colour rendering: CRI > 80, power: 2 x 9 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable

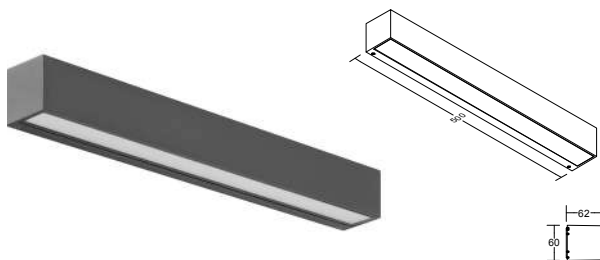


Article no.	Colour	Luminous flux	Colour temperature
65253103	NEW Textured graphite	1,200 lm	3,000 K



This item is subject to discount group 1.

Luminaires can be mounted both horizontally and vertically.



DARBEE LED wall-mounted luminaire, IP65, **NEW** direct

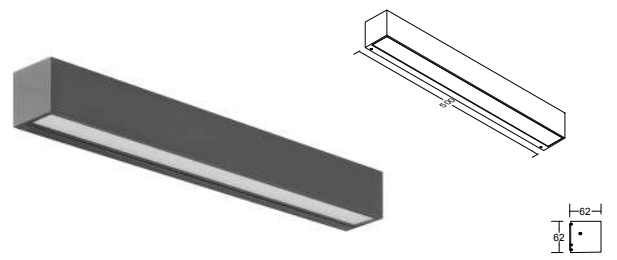
Lamp: LED, colour rendering: CRI > 80, power: 18 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65254103	NEW Textured graphite	1,155 lm	3,000 K



This item is subject to discount group 1.



DARBEE LED wall-mounted luminaire, IP65, **NEW** direct / indirect

Lamp: LED, colour rendering: CRI > 80, power: 2 x 18 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65255103	NEW Textured graphite	2,310 lm	3,000 K



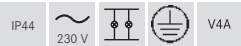
This item is subject to discount group 1.



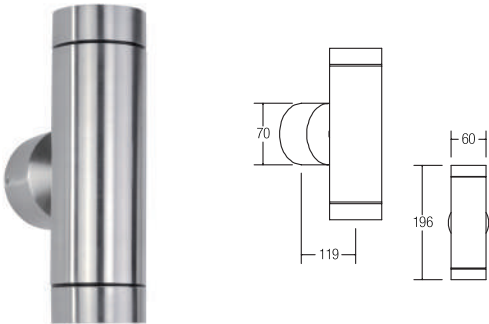
Wall-mounted luminaire, V4A, IP44, GU10, direct

Direct light emission.
Lamp: for LED retrofit lamp, lamp holder: GU10,
Power: max. 35 W, material: V4A stainless steel / glass

Article no.	Colour
35001420	Stainless steel



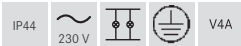
This item is subject to discount group 1.



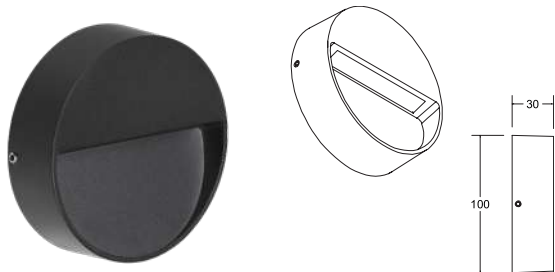
Wall-mounted luminaire, V4A, IP44, GU10, direct / Indirect

Direct and indirect light emission.
Lamp: for LED retrofit lamp, lamp holder: GU10,
Power: max. 35 W each, material: V4A stainless steel / glass

Article no.	Colour
3177	Stainless steel



This item is subject to discount group 1.



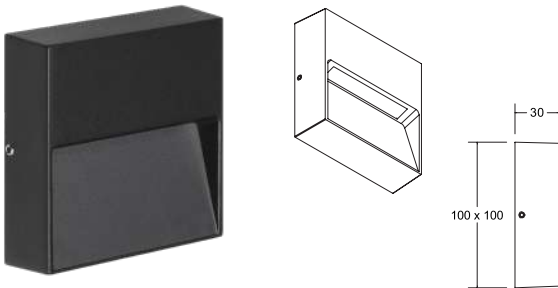
MARK LED wall-mounted luminaire, IP65, direct

Lamp: LED, colour rendering: CRI > 80, power: 4 W,
Beam angle: 65°, material: aluminium, scope of supply: includes
converter for connection to 230 V mains supply, switchable

Article no.	Colour	Luminous flux	Colour temperature
10170183	Textured black	320 lm	3,000 K



This item is subject to discount group 1.



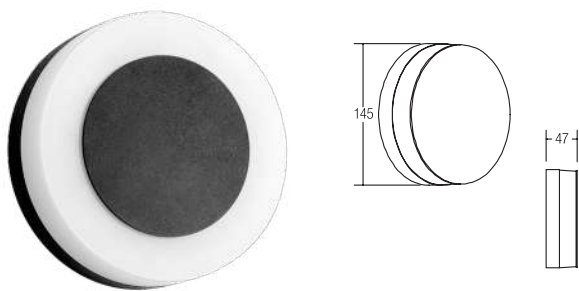
MARK LED wall-mounted luminaire, IP65, direct

Lamp: LED, colour rendering: CRI > 80, power: 4 W,
Beam angle: 65°, material: aluminium, scope of supply: includes
converter for connection to 230 V mains supply, switchable

Article no.	Colour	Luminous flux	Colour temperature
10171183	Textured black	320 lm	3,000 K



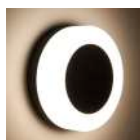
This item is subject to discount group 1.



DRONA LED wall-mounted luminaire, IP54, direct

With interchangeable front panel for purely indirect or direct / indirect light emission. Both front panels (magnetically attached) are included in the scope of supply for customer choice.

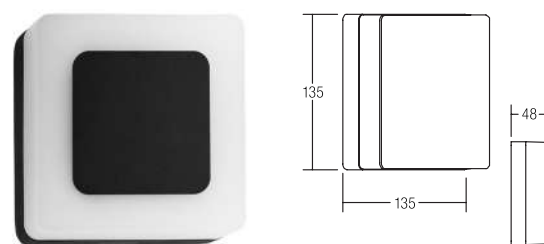
Lamp: LED, colour rendering: CRI > 80, power: 9 W, material: aluminium / plastic, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
10030173	Textured white	665 lm	3,000 K
10030183	Textured black	665 lm	3,000 K
10030693	Textured silver	665 lm	3,000 K



These items are subject to discount group 1.



DRONA LED wall-mounted luminaire, IP54, direct

With interchangeable front panel for purely indirect or direct / indirect light emission. Both front panels (magnetically attached) are included in the scope of supply for customer choice.

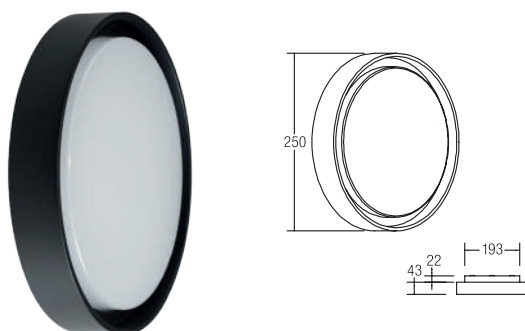
Lamp: LED, colour rendering: CRI > 80, power: 9 W, material: aluminium / plastic, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
10034173	Textured white	665 lm	3,000 K
10034183	Textured black	665 lm	3,000 K
10034693	Textured silver	665 lm	3,000 K

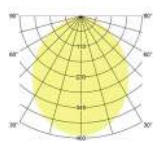


These items are subject to discount group 1.

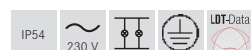


BARTIE LED wall & ceiling-mounted luminaire, IP54, direct

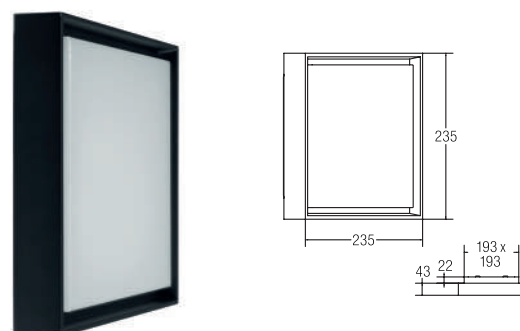
Lamp: LED, colour rendering: CRI > 80, power: 14 W, Beam angle: 110°, material: aluminium / acrylic, Scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
60107183	Textured black	1,210 lm	3,000 K

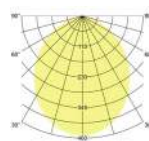


This item is subject to discount group 1.

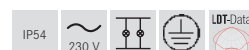


LED wall & ceiling-mounted luminaire, IP54, direct

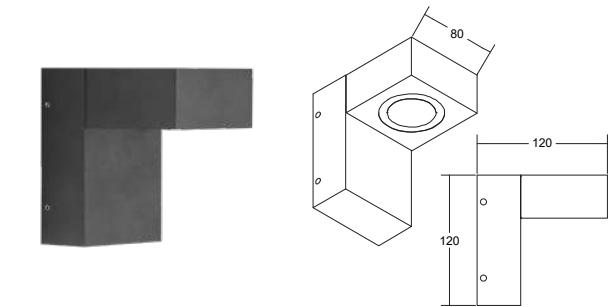
Lamp: LED, colour rendering: CRI > 80, power: 14 W, Beam angle: 110°, material: aluminium / acrylic, Scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
60108183	Textured black	1,230 lm	3,000 K



This item is subject to discount group 1.



LANTERN LED wall-mounted luminaire,
IP65, direct

Lamp: LED, colour rendering: CRI > 90, power: 9 W,
Material: aluminium / plastic, scope of supply: includes converter for
connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
10106103	Textured graphite	520 lm	3,000 K



This item is subject to discount group 1.

Product family LANTERN



LANTERN Bollard luminaire

Article no.: 60006103, height 600 mm
Article no.: 60036103, Height 800 mm

see page 113
see page 113

LANTERN.

Minimalist design for modern architecture.



IP65

IP65 has complete protection against accidental contact. Dust cannot penetrate and it is protected against jets of water in any direction.

05

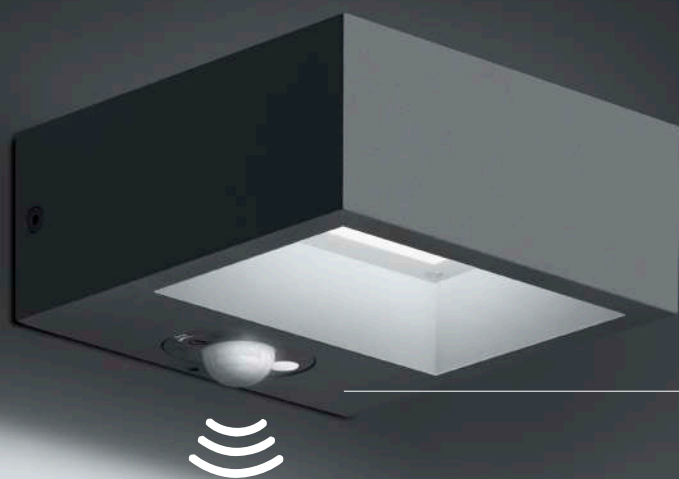
Solar luminaires.

Environmentally sustainable lighting
for house and garden.



LIGEA and ARGUS.

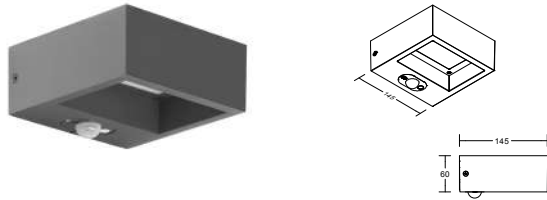
Modern facade lighting without electricity.



Motion sensor with a range from 4 to 6 metres.

IP54

IP54 has complete protection against accidental contact, while dust can penetrate in small quantities. In addition, it is protected against water splashing from any direction.



LIGEA LED wall-mounted solar luminaire, IP54, direct

NEW

Lamp: LED, colour rendering: CRI > 80, power: 1.4 W,
Material: aluminium / polycarbonate

- Charging time: 6 hours at 100,000 lux solar radiation.
- Working time: 7 hours at 100 % output.
- Working time: 18 hours at 20 % output.

Lighting time: adjustable from 8 seconds to 8 minutes,
Range: between 4 and 6 metres, detection angle: 120°.

Functional modes:

1. On / off variant: Luminaire switches off completely after movement
2. Orientation light: Brightness is reduced by 15 % after movement



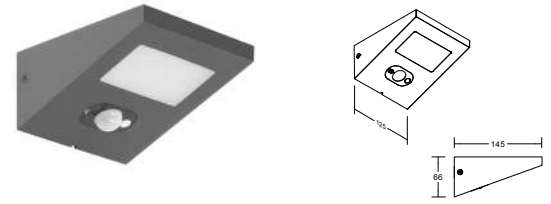
Article no.	Colour	Luminous flux	Colour temperature
65281103	NEW Textured graphite	150 lm	3,000 K



This item is subject to discount group 1.



Solar panel top



ARGUS LED wall-mounted solar luminaire, IP54, direct

NEW

Lamp: LED, colour rendering: CRI > 80, power: 1.4 W,
Material: aluminium / polycarbonate

- Charging time: 6 hours at 100,000 lux solar radiation.
- Working time: 7 hours at 100 % output.
- Working time: 18 hours at 20 % output.

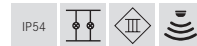
Lighting time: adjustable from 8 seconds to 8 minutes
Range: between 4 and 6 metres, detection angle: 120°.

Functional modes:

1. On / off variant: Luminaire switches off completely after movement
2. Orientation light: Brightness is reduced by 15 % after movement



Article no.	Colour	Luminous flux	Colour temperature
65291103	NEW Textured graphite	150 lm	3,000 K



This item is subject to discount group 1.



Solar panel top

VARIA.

Solar luminaire for flexible use.

Can also be used as a table lamp.

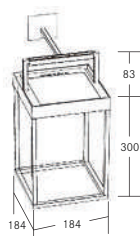
Can also be recharged via a USB port (Type C).

Over 9 hours battery runtime.

Integrated twilight sensor.

Adjustable light colour
2,700 K or 3,000 K.

Continuously adjustable
light intensity,
5% – 100 %.



Lamp underneath

VARIA LED wall-mounted solar luminaire, IP65, direct

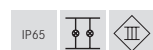
NEW

Lamp: LED, colour rendering: CRI > 80, power: 2.2 W,
Material: aluminium / glass, scope of supply: includes USB-C charging
cable and ceiling / wall bracket

- 2 x 2200 mA lithium batteries.
- Charging time: 6 hours.
- Working time: 11 hours at 100 % output.

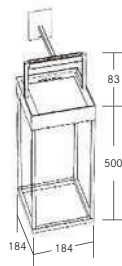


Article no.	Colour	Luminous flux	Colour temperature
65311103	NEW Textured graphite	150 lm	3,000 K



This item is subject to discount group 1.





Lamp underneath

VARIA LED wall-mounted solar luminaire, IP65, direct

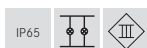
NEW

Lamp: LED, colour rendering: CRI > 80, power: 2.2 W,
Material: aluminium / glass, Scope of supply: includes USB-C charging
cable and ceiling / wall bracket

- 2 x 2200 mA lithium batteries.
- Charging time: 6 hours.
- Working time: 11 hours at 100 % output.



Article no.	Colour	Luminous flux	Colour temperature
65312103	NEW Textured graphite	150 lm	3,000 K



This item is subject to discount group 1.

Sizes in mm | All prices are recommended retail prices (RRP) in euros without VAT. | Errors excepted. |
Orders are placed in accordance with our General Terms and Conditions of Sale printed on page 126 onwards.

CORIDON.

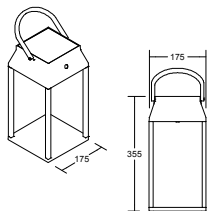
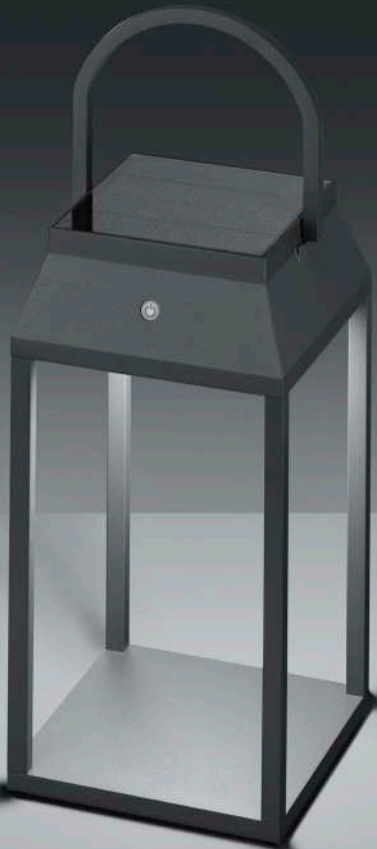
Solar floor lamp for a cosy atmosphere.

Can also be recharged via a USB port (Type C).

Over 9 hours battery runtime.

Integrated twilight sensor.

Continuously adjustable light intensity.



CORIDON LED solar luminaire, IP44, direct

NEW

Lamp: LED, colour rendering: CRI > 80, power: 3 W,
Material: aluminium / polycarbonate, scope of supply: includes USB-C charging cable and 2 x 2,200 mA lithium batteries

- Charging time: Sun: 16–17 hours.
- Charging time: USB charging: 6–7 hours.
- Working time: 10 hours.



Article no.	Colour	Luminous flux	Colour temperature
65301103	NEW Textured graphite	156 lm	3,000 K



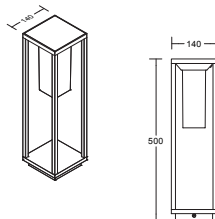
This item is subject to discount group 1.

RUBI.

Integrated twilight sensor.

includes ground-spike.

Integrated twilight sensor.



RUBI LED solar pedestal luminaire, IP54, direct

NEW

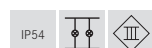
For mounting as ground spike or pedestal luminaire.

Lamp: LED, colour rendering: CRI > 80, power: 3 W,
Material: aluminium / polycarbonate, Scope of supply: includes 1 x 2,200 mA lithium battery and ground spike

- Charging time: Sun: 6-8 hours.
- Working time: 2-3 hours at 100 % output.
- Working time: 20-25 hours at 15 % output.

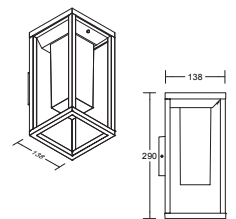


Article no.	Colour	Luminous flux	Colour temperature
65321103	NEW Textured graphite	156 lm	3,000 K



This item is subject to discount group 1.

Sizes in mm | All prices are recommended retail prices (RRP) in euros without VAT. | Errors excepted. | Orders are placed in accordance with our General Terms and Conditions of Sale printed on page 126 onwards.



RUBI LED wall-mounted solar luminaire, IP54, direct

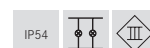
NEW

Lamp: LED, colour rendering: CRI > 80, power: 2.2 W,
Material: aluminium / polycarbonate, scope of supply: 1 x 2,200 mA lithium battery

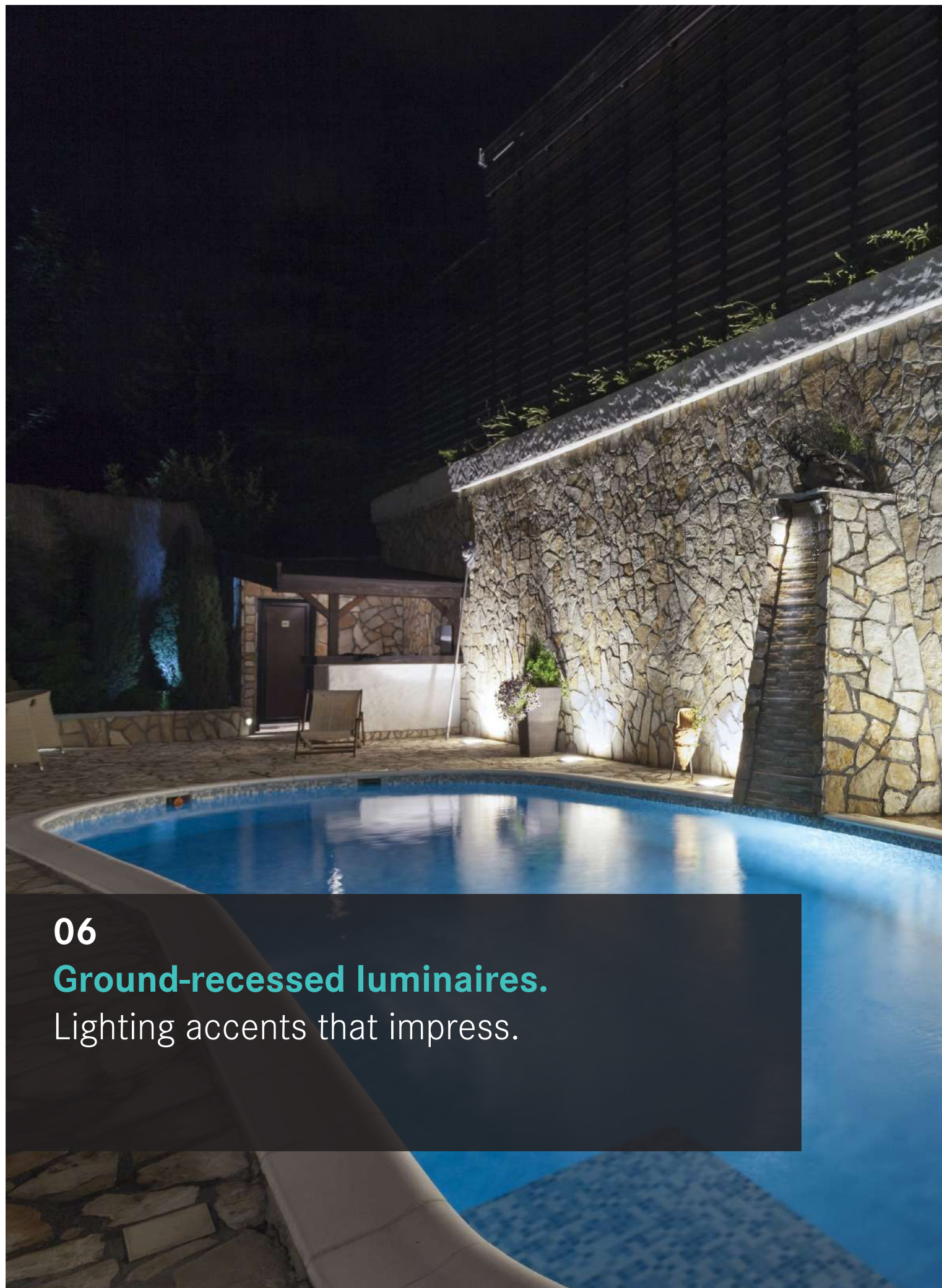
- Charging time: Sun: 6-8 hours.
- Working time: 2-3 hours at 100 % output.
- Working time: 20-25 hours at 15 % output.



Article no.	Colour	Luminous flux	Colour temperature
65322103	NEW Textured graphite	167 lm	3,000 K



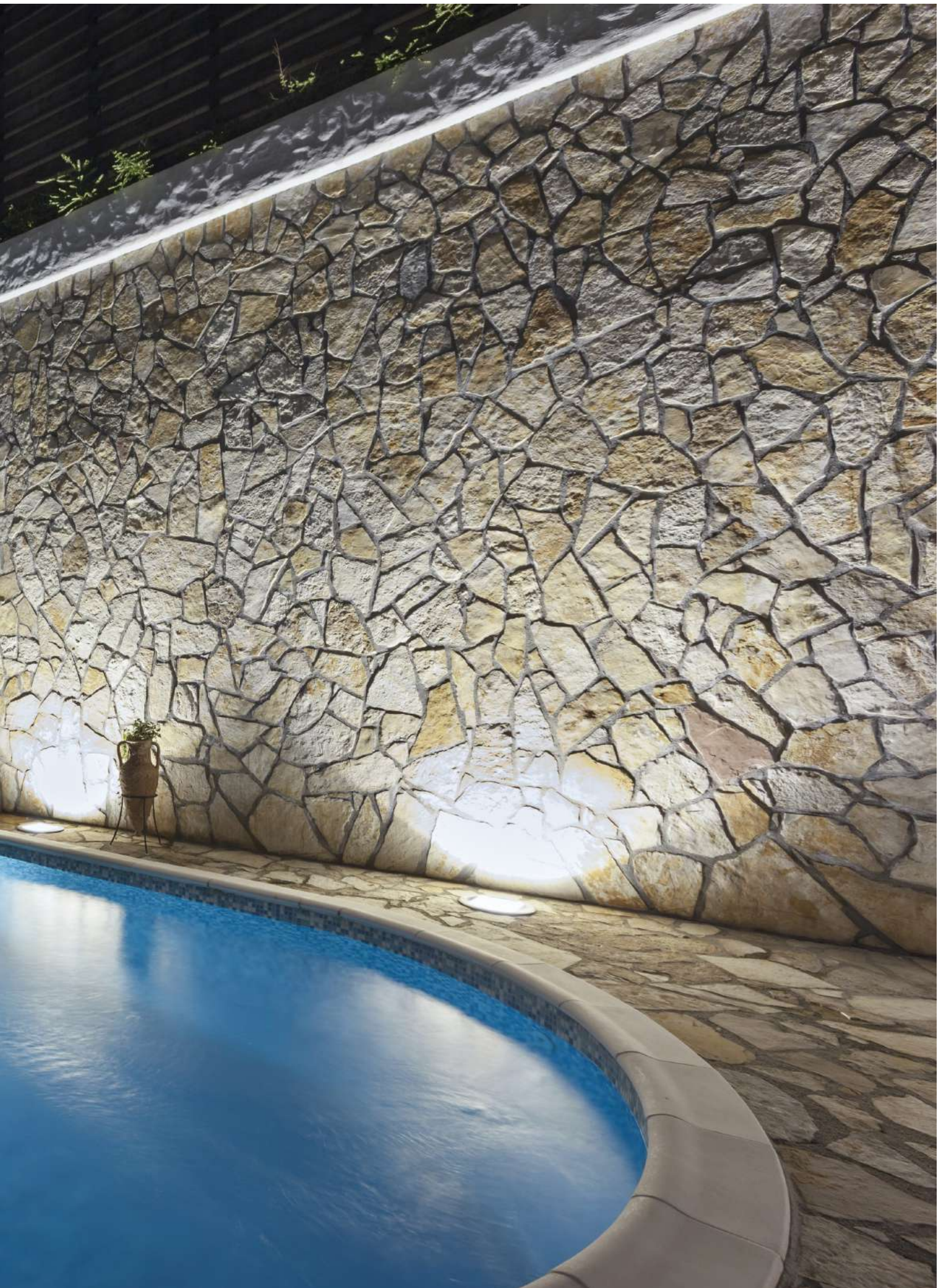
This item is subject to discount group 1.

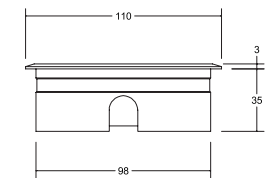


06

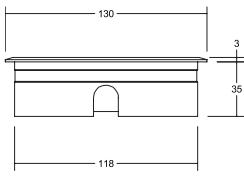
Ground-recessed luminaires.

Lighting accents that impress.

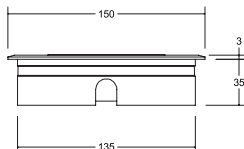




Art. no. 14037223



Art. no. 14035223



Art. no. 14036223

HYBRIDE FLAT LED ceiling / ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, material: stainless steel / aluminium / glass, scope of supply: includes 1,000 mm connecting cable with Aquastop and ceiling installation springs

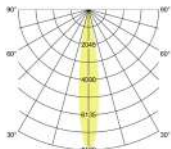
The associated 24 V power supply units can be found in the main catalogue LICHT 2022 starting on page 532.

Article no.	Colour	Luminous flux	Power output	Colour temperature	Beam angle
14037223	Stainless steel	420 lm	6 W	3,000 K	20°
14035223	Stainless steel	450 lm	9 W	3,000 K	30°
14036223	Stainless steel	890 lm	12 W	3,000 K	30°

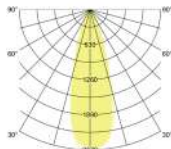


HYBRIDE FLAT is only available as a switchable version.

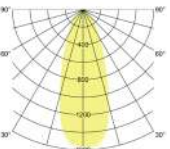
These items are subject to discount group 1.



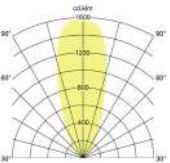
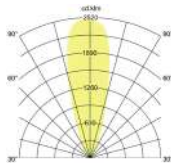
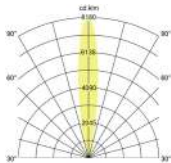
Art. no. 14037223



Art. no. 14035223



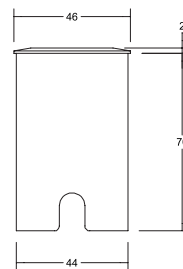
Art. no. 14036223



Recessed ceiling versions.



Recessed ground versions.



HYBRIDE MINI LED ground-recessed luminaire, V4A, IP65

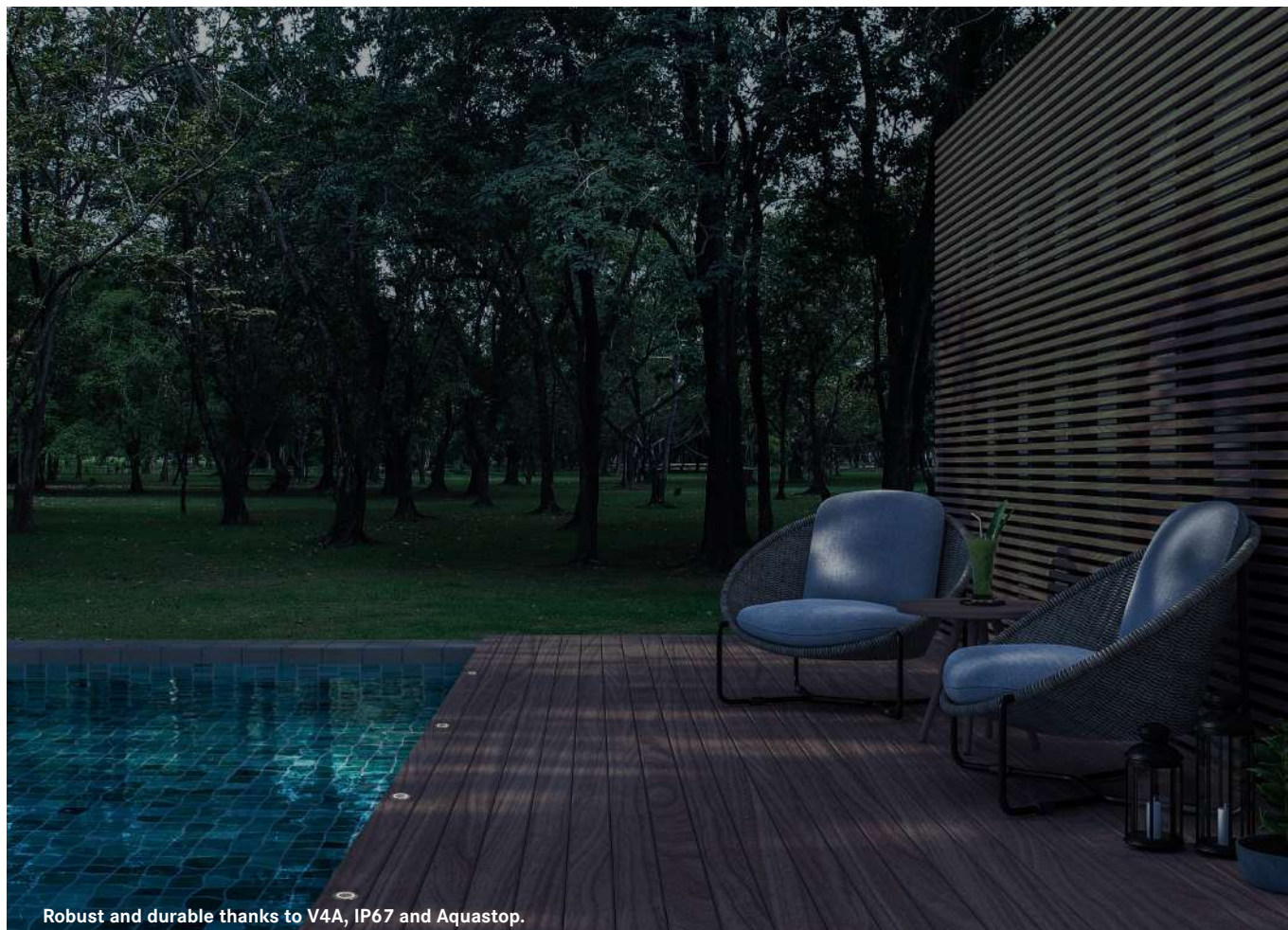
Lamp: LED, colour rendering: CRI > 80, power: 1.4 W, Beam angle: 100°, material: stainless steel / aluminium / glass, Scope of supply: includes 3,000 mm connecting cable.

The associated 24 V power supply units can be found in the main catalogue LICHT 2022 starting on page 532.

Article no.	Colour	Colour temperature
14050223	Stainless steel	3,000 K
14051223	Stainless steel	3,000 K



These items are subject to discount group 1.



Robust and durable thanks to V4A, IP67 and Aquastop.

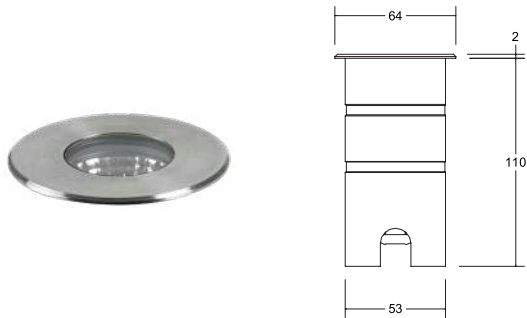
BOLED.

Robust recessed spotlight in three power classes.



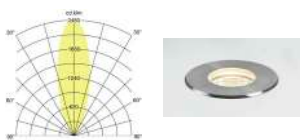
IP67 has complete protection against accidental contact. Dust cannot penetrate and the fitting is protected against immersion for up to 30 minutes.

IP67



BOLED LED ground-recessed luminaire, V4A, IP67

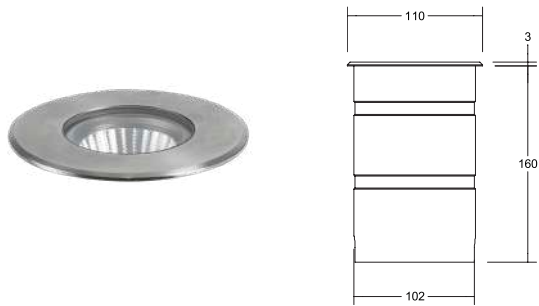
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 36°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for connection to 230 V mains supply, switchable and 1,000 mm connecting cable with Aquastop



Article no.	Colour	Luminous flux	Colour temperature
14052223	Stainless steel	485 lm	3,000 K

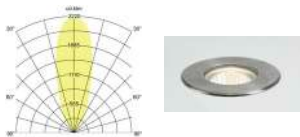


This item is subject to discount group 1.



BOLED LED ground-recessed luminaire, V4A, IP67

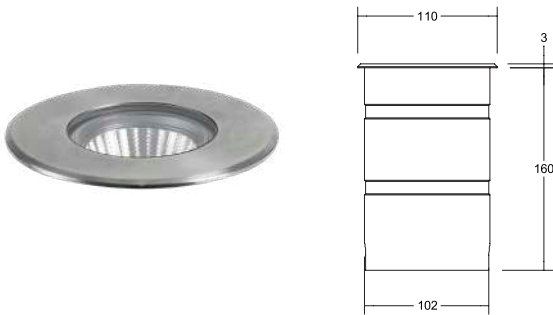
Lamp: LED, colour rendering: CRI > 80, power: 12 W
Beam angle: 38°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for connection to 230 V mains supply, switchable and 1,000 mm connecting cable with Aquastop



Article no.	Colour	Luminous flux	Colour temperature
14053223	Stainless steel	1,050 lm	3,000 K

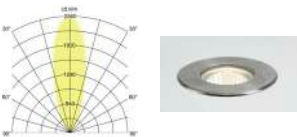


This item is subject to discount group 1.



BOLED LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 15 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for connection to 230 V mains supply, switchable and 1,000 mm connecting cable with Aquastop



Article no.	Colour	Luminous flux	Colour temperature
14054223	Stainless steel	1,320 lm	3,000 K



This item is subject to discount group 1.



LED ground-recessed luminaire, IP67

Lamp: LED, colour rendering: CRI > 80, power: 0.15 W,
Material: stainless steel / aluminium / glass, scope of supply: includes
5000 mm connecting cable

The associated 12 V power supply units can be found in the main
catalogue LICHT 2022 starting on page 530.



Article no.	Colour	Colour temperature
14011223	Stainless steel	3,000 K



This item is subject to discount group 1.



LED ground-recessed luminaire, IP65

Includes installation sleeve and 150 mm connecting cable.

Lamp: LED, version: Plug&Play, power: 1 W,
Material: stainless steel / aluminium / plastic/ glass

The associated 350 mA converter can be found in the main catalogue
LICHT 2022 starting on page 516.

Article no.	Colour	Luminous flux	Colour temperature
P3817WW	Stainless steel	40 lm	3,000 K



This item is subject to discount group 1.



LED ground-recessed luminaire, IP65

Lamp: LED, colour rendering: CRI > 80, power: 5 W
Beam angle: 38°, material: stainless steel / aluminium / glass
Scope of supply: includes converter for 230 V mains supply, switchable,
2 x M16 screws for through-wiring and installation sleeve



LED ground-recessed luminaire, IP65

Lamp: LED, colour rendering: CRI > 80, power: 5 W
Beam angle: 38°, material: stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable,
2 x M16 screws for through-wiring and installation sleeve

Article no.	Colour	Luminous flux	Colour temperature
14116223	Stainless steel	480 lm	3,000 K

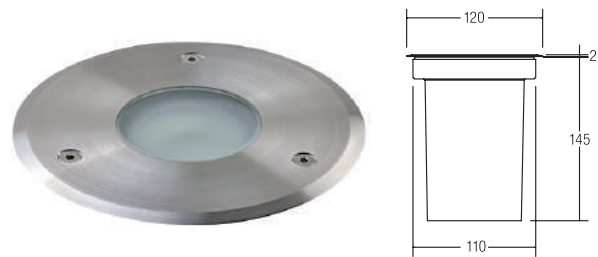


This item is subject to discount group 1.

Article no.	Colour	Luminous flux	Colour temperature
14114223	Stainless steel	480 lm	3,000 K



This item is subject to discount group 1.



Ground-recessed luminaire, IP65, GU 10

Lamp: for LED retrofit lamp, lamp holder: GU10,
Power: max. 5 W, material: stainless steel / glass

Suitable for Megaman LED lamp MM 27432 / MM 26302 (not included in scope of supply).

Article no.	Colour
3105	Stainless steel



This item is subject to discount group 1.

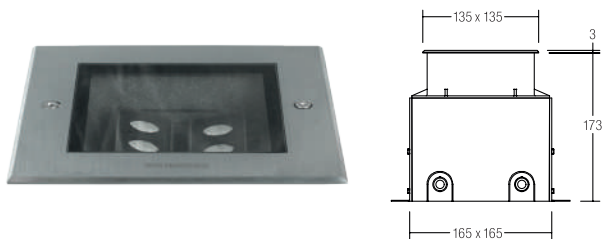
HYBRIDE.

Durable ground-recessed luminaires for outdoor use.



IP67

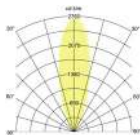
IP67 has complete protection against accidental contact. Dust cannot penetrate and the fitting is protected against immersion for up to 30 minutes.



HYBRIDE LED ground-recessed spotlight, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 2x 5.4 W,
Beam angle: 30°, luminous flux: 2 x 335 lm, material: V4A stainless
steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable
and 5,000 mm connecting cable and installation tool

The Hybride ceiling luminaires start on page 20.



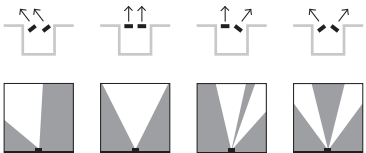
Article no.	Colour	Luminous flux	Colour temperature
14678223	Stainless steel	670 lm	3,000 K



This item is subject to discount group 1.



Two individually adjustable light sources:



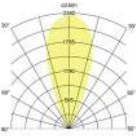
Installation tool included in scope of supply



HYBRIDE LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 9 W, Beam angle: 40°, material: V4A stainless steel / aluminium / glass, Scope of supply: includes converter for 230 V mains supply, switchable, ground installation pot and 5,000 mm connection cable

The Hybride ceiling luminaires start on page 21.



Article no.	Colour	Luminous flux	Colour temperature
14670223	Stainless steel	460 lm	3,000 K



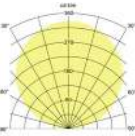
This item is subject to discount group 1.



HYBRIDE LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 11 W, Beam angle: 117°, material: V4A stainless steel / aluminium / glass, Scope of supply: includes converter for 230 V mains supply, switchable, ground installation pot and 5,000 mm connection cable

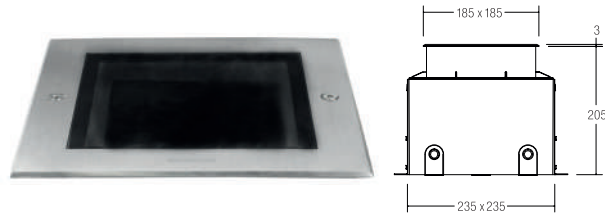
The Hybride ceiling luminaires start on page 21.



Article no.	Colour	Luminous flux	Colour temperature
14671223	Stainless steel	550 lm	3,000 K



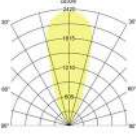
This item is subject to discount group 1.



HYBRIDE LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 10 W, Beam angle: 37°, material: V4A stainless steel / aluminium / glass, Scope of supply: includes converter for 230 V mains supply, switchable, ground installation pot and 5,000 mm connection cable

The Hybride ceiling luminaires start on page 21.



Article no.	Colour	Luminous flux	Colour temperature
14672223	Stainless steel	720 lm	3,000 K



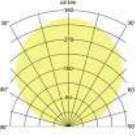
This item is subject to discount group 1.



HYBRIDE LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 10 W, Beam angle: 115°, material: V4A stainless steel / aluminium / glass, Scope of supply: includes converter for 230 V mains supply, switchable, ground installation pot and 5,000 mm connection cable

The Hybride ceiling luminaires start on page 21.



Article no.	Colour	Luminous flux	Colour temperature
14673223	Stainless steel	710 lm	3,000 K



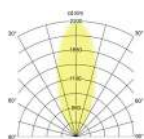
This item is subject to discount group 1.



HYBRIDE LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 8 W,
Beam angle: 38°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable,
ground installation pot and 5,000 mm connection cable

The Hybride ceiling luminaires start on page 19.



Article no.	Colour	Luminous flux	Colour temperature
14660223	Stainless steel	860 lm	3,000 K



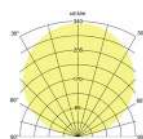
This item is subject to discount group 1.



HYBRIDE LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 7 W,
Beam angle: 117°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable,
ground installation pot and 5,000 mm connection cable

The Hybride ceiling luminaires start on page 19.



Article no.	Colour	Luminous flux	Colour temperature
14661223	Stainless steel	350 lm	3,000 K



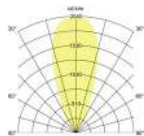
This item is subject to discount group 1.



HYBRIDE LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 13 W,
Beam angle: 40°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable,
ground installation pot and 5,000 mm connection cable

The Hybride ceiling luminaires start on page 19.



Article no.	Colour	Luminous flux	Colour temperature
14662223	Stainless steel	1,400 lm	3,000 K



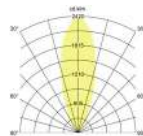
This item is subject to discount group 1.



HYBRIDE LED ground-recessed luminaire, V4A, IP67

Lamp: LED, colour rendering: CRI > 80, power: 17 W,
Beam angle: 34°, material: V4A stainless steel / aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable,
ground installation pot and 5,000 mm connection cable

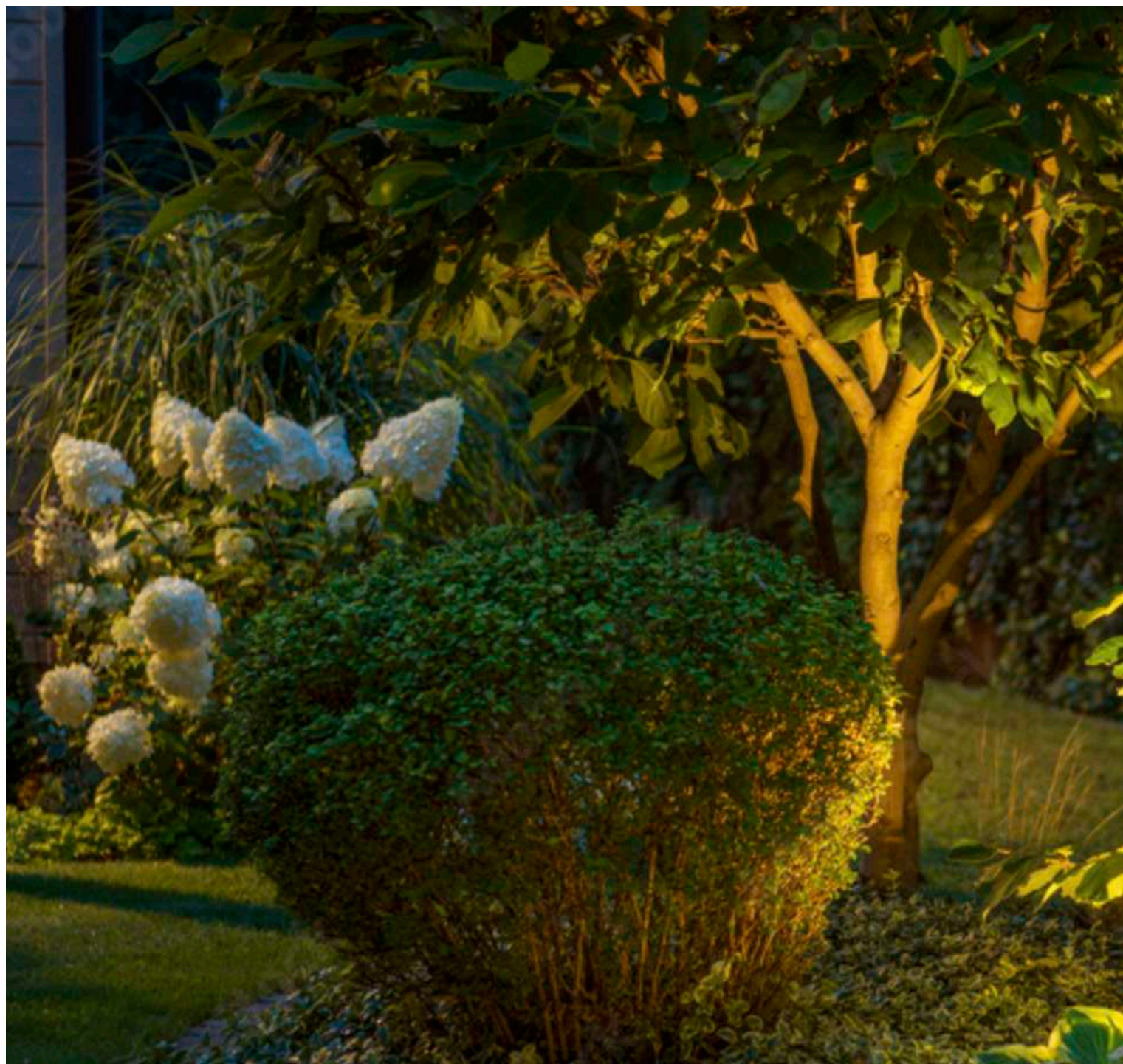
The Hybride ceiling luminaires start on page 19.



Article no.	Colour	Luminous flux	Colour temperature
14664223	Stainless steel	2,010 lm	3,000 K



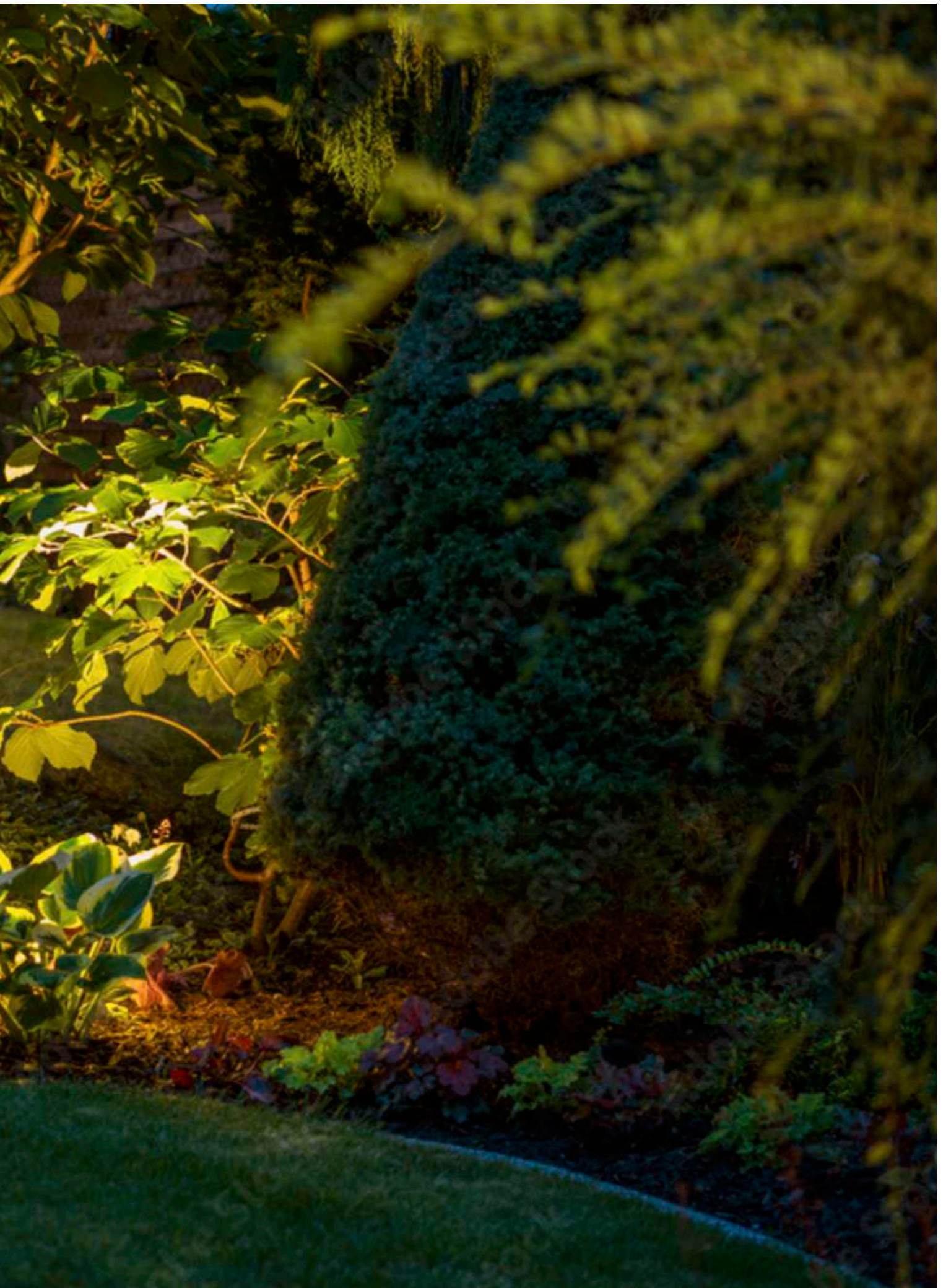
This item is subject to discount group 1.

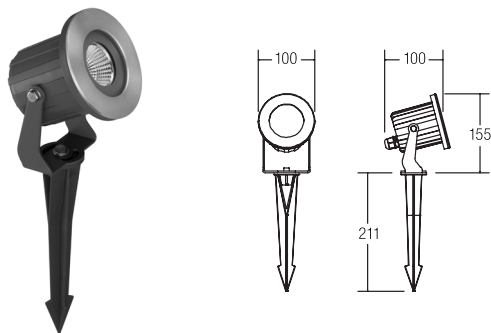


07

Ground spike luminaires.

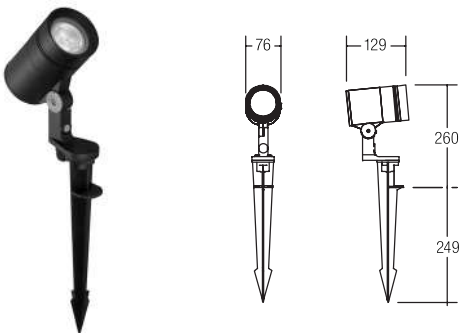
Targeted outdoor lighting.





STIRIUS LED ground spike spotlight, 230 V AC, IP65

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Beam angle: 40°, material: stainless steel / aluminium / glass
Scope of supply: Includes converter for 230 V mains supply, switchable,
2,000 mm connecting cable and plug



TRIVIA LED ground spike spotlight, 230 V AC, IP65

Lamp: LED, colour rendering: CRI > 80, power: 8 W,
Beam angle: 30°, material: aluminium / glass,
Scope of supply: Includes converter for 230 V mains supply, switchable,
2,000 mm connecting cable and plug

Article no.	Colour	Luminous flux	Colour temperature
60103223	Textured black / stainless steel	450 lm	3,000 K

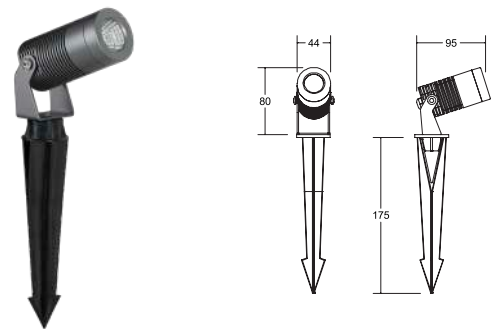


This item is subject to discount group 1.

Article no.	Colour	Luminous flux	Colour temperature
60104183	Textured black	600 lm	3,000 K



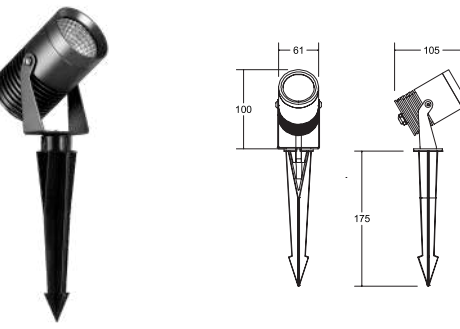
This item is subject to discount group 1.



SPIKE LED ground spike spotlight, 24 V DC, IP67

Lamp: LED, colour rendering: CRI > 80, power: 8 W
Beam angle: 38°, material: aluminium / glass,
Scope of supply: includes 1,000 mm connecting cable with Aquastop

The associated 24 V power supply units can be found in our main catalogue starting on page 532.



SPIKE LED ground spike spotlight, 24 V DC, IP67

Lamp: LED, colour rendering: CRI > 80, power: 15 W,
Beam angle: 38°, material: aluminium / glass,
Scope of supply: includes 1,000 mm connecting cable with Aquastop

The associated 24 V power supply units can be found in our main catalogue starting on page 532.

Article no.	Colour	Luminous flux	Colour temperature
60109643	Titanium	640 lm	3,000 K

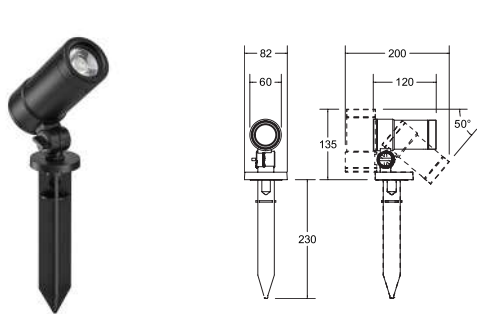


This item is subject to discount group 1.

Article no.	Colour	Luminous flux	Colour temperature
60105643	Titanium	1,200 lm	3,000 K



This item is subject to discount group 1.



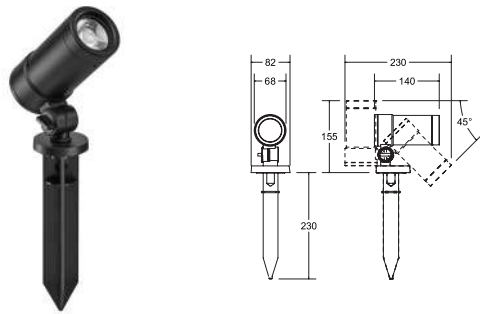
**KARAKOL LED ground spike spotlight,
230 V AC, IP66**

Lamp: LED, colour rendering: CRI > 80, power: 7.4 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable, 2,000 mm connecting
cable and plug

Article no.	Colour	Luminous flux	Colour temperature
60117183	Textured black	660 lm	3,000 K



This item is subject to discount group 1.



**KARAKOL LED ground spike spotlight,
230 V AC, IP66**

Lamp: LED, colour rendering: CRI > 80, power: 12.3 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable, 2,000 mm connecting
cable and plug

Article no.	Colour	Luminous flux	Colour temperature
60118183	Textured black	1,300 lm	3,000 K



This item is subject to discount group 1.



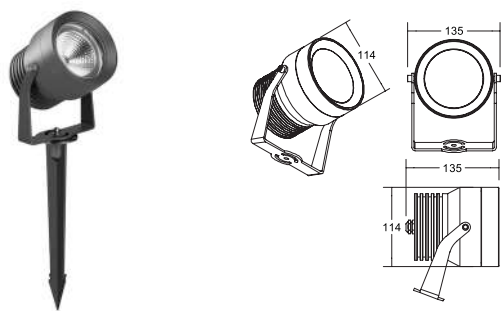
**ASTERIA LED ground spike spotlight, 230 V AC,
IP65**

Lamp: LED, colour rendering: CRI > 90, power: 8.5 W,
Beam angle: 21 °, material: aluminium / glass,
Includes converter for 230 V mains supply, 1,500 mm connecting cable,
switchable, height-adjustable luminaire head

Article no.	Colour	Luminous flux	Colour temperature
60113183	Textured black	500 lm	3200 K



This item is subject to discount group 1.

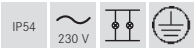


LEGRA LED ground spike spotlight,
230 V AC, IP65

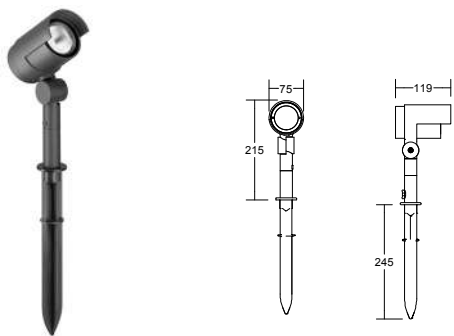
NEW

Lamp: LED, colour rendering: CRI > 80, power: 20 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable, 2,000 mm connecting
cable and plug

Article no.	Colour	Luminous flux	Colour temperature
65271103	NEW Textured graphite	1,130 lm	3,000 K



This item is subject to discount group 1.



LEGRA LED ground spike spotlight,
230 V AC, IP65

NEW

Lamp: LED, colour rendering: CRI > 80, power: 15 W,
Material: aluminium / glass, scope of supply: includes converter for
connection to 230 V mains supply, switchable, with connection box

Article no.	Colour	Luminous flux	Colour temperature
65272103	NEW Textured graphite	830 lm	3,000 K



This item is subject to discount group 1.



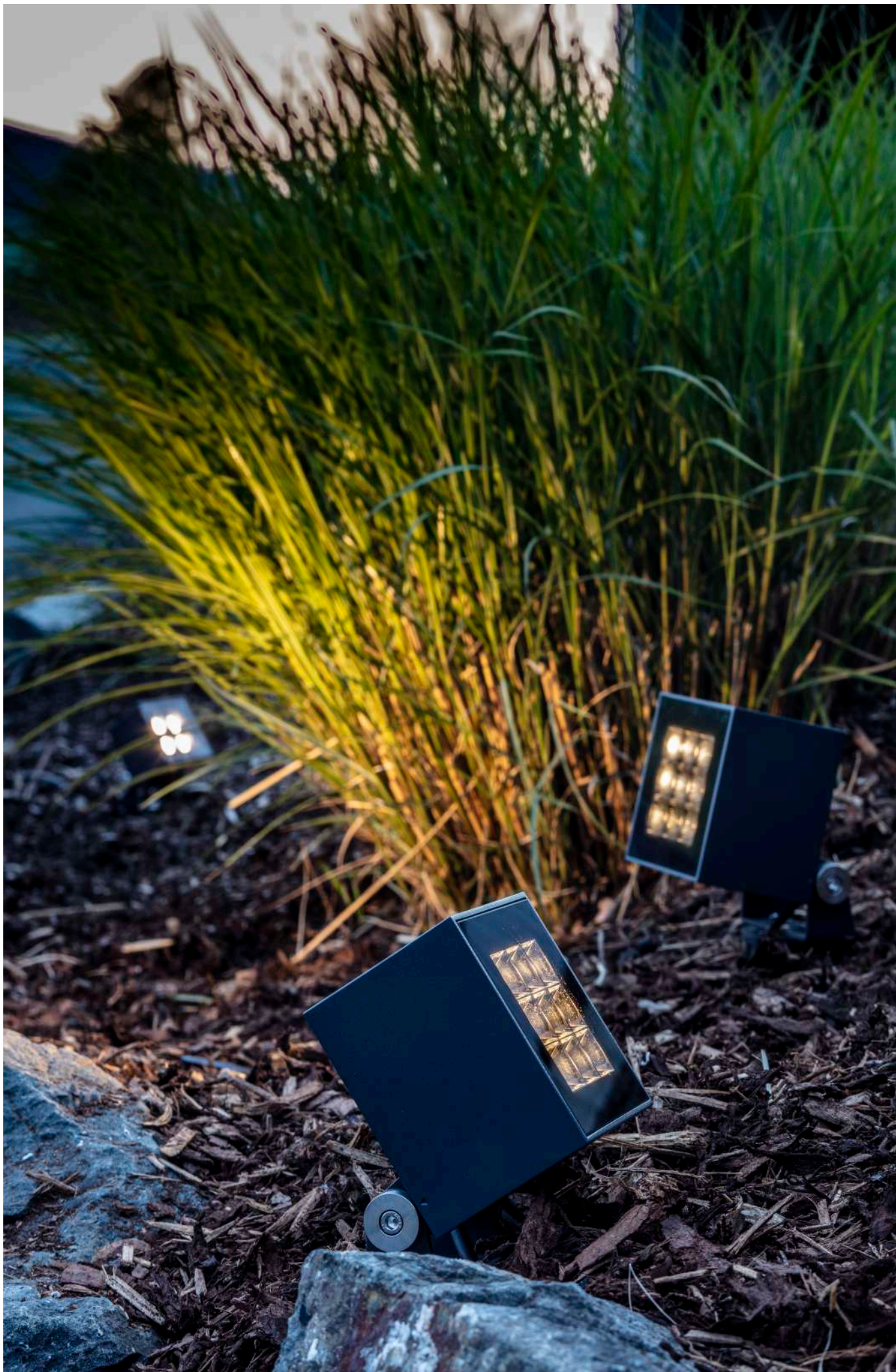
LEGRA.

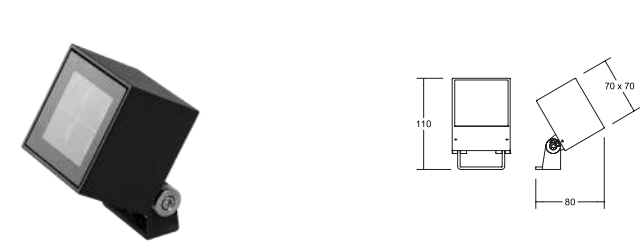
Optimal staging of
planting.



IP65

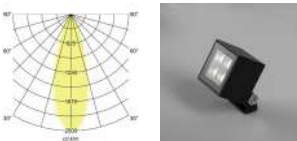
IP65 has complete protection against accidental contact. Dust cannot penetrate and it is protected against jets of water in any direction.





BLOKK LED surface-mounted spotlight, IP65

Lamp: LED, colour rendering: CRI > 80, power: 10 W,
Beam angle: 34°, material: aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable,
2,000 mm connecting cable



Article no.	Colour	Luminous flux	Colour temperature
60111103	Textured graphite	635 lm	3,000 K



This item is subject to discount group 1.

Optional accessories:



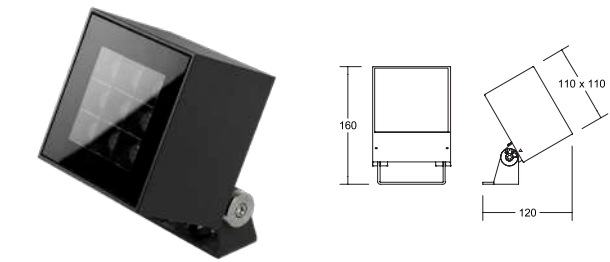
Ground spike
Art. no. 81017000

Product family BLOKK



BLOKK Ceiling-mounted luminaire
Article no.: 60115103

see page 25



BLOKK LED surface-mounted spotlight, IP65

Lamp: LED, colour rendering: CRI > 80, power: 22 W,
Beam angle: 32°, material: aluminium / glass,
Scope of supply: includes converter for 230 V mains supply, switchable,
2,000 mm connecting cable



Article no.	Colour	Luminous flux	Colour temperature
60112103	Textured graphite	1,600 lm	3,000 K



This item is subject to discount group 1.

Optional accessories:



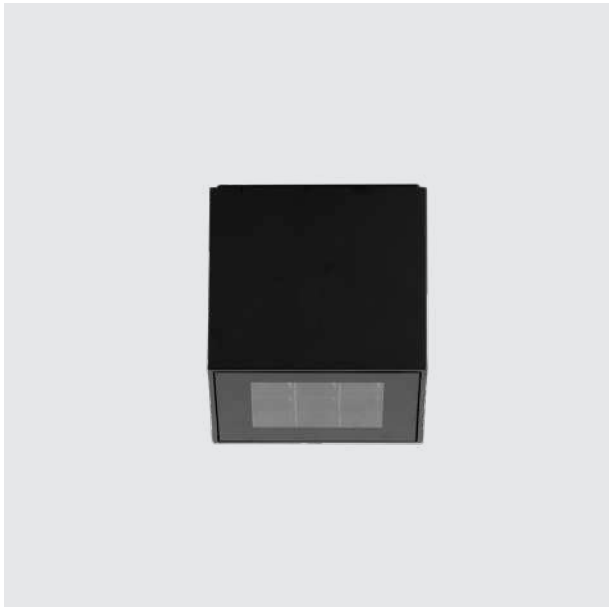
Ground spike
Art. no. 81021000



Ground anchor for
concrete fixing
Art. no. 81023000



Mounting strap,
Length: 2,000 mm
Art. no.: 81022000



BLOKK Ceiling-mounted luminaire
Article no.: 60116103

see page 25



08

Bollard luminaires.

Lighting of paths and steps.



STICK.

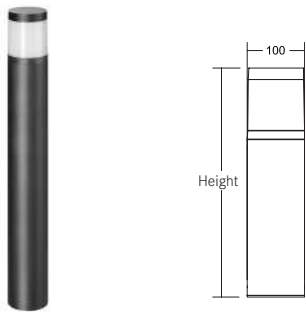
Modular LED bollard luminaires.

Even lighting for gardens and paths.

Switchable colour
temperature
3,000 K or 4,000 K

IP65
IK08

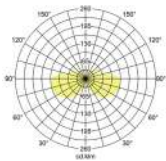
IP65 has complete protection against accidental contact. Dust cannot penetrate and it is protected against jets of water in any direction.



STICK LED bollard luminaire, IP65

NEW

Lamp: LED, colour rendering: CRI > 80, power: 8 W,
Beam angle: 120°, material: aluminium / plastic,
Scope of supply: includes converter for connection to 230 V mains
supply, switchable



Article no.	Colour	Height	Luminous flux	Colour temperature
60019183	NEW Textured black	400 mm	530 lm	3,000 K / 4,000 K
60029183	NEW Textured black	750 mm	530 lm	3,000 K / 4,000 K
60039183	NEW Textured black	1,000 mm	530 lm	3,000 K / 4,000 K

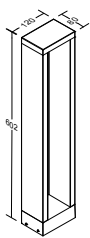


These items are subject to discount group 1.

STICK LED wall-mounted luminaire

see page 37





ADDIA LED bollard luminaire, IP54, Height 600 mm

NEW

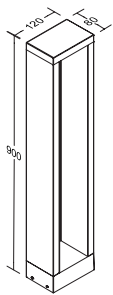
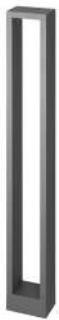
Lamp: LED, colour rendering: CRI > 80, power: 10 W,
Beam angle: 120°, material: aluminium / glass, scope of supply:
includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65261103	NEW Textured graphite	400 lm	3,000 K



This item is subject to discount group 1.



ADDIA LED bollard luminaire, IP54, Height 900 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 10 W,
Beam angle: 120°, material: aluminium / glass, scope of supply:
includes converter for connection to 230 V mains supply, switchable

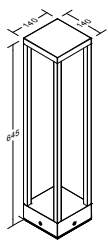


Article no.	Colour	Luminous flux	Colour temperature
65262103	NEW Textured graphite	435 lm	3,000 K



This item is subject to discount group 1.





ABEE LED bollard luminaire, IP54, Height 650 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 15 W,
Beam angle: 120°, material: aluminium / glass, scope of supply:
includes converter for connection to 230 V mains supply, switchable

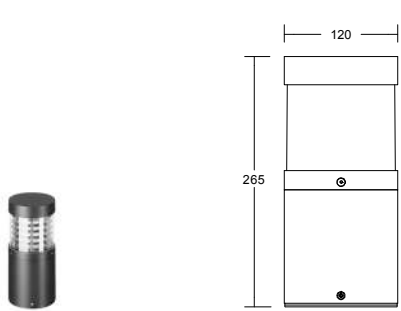


Article no.	Colour	Luminous flux	Colour temperature
65263103	NEW Textured graphite	935 lm	3,000 K



This item is subject to discount group 1.





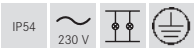
ZAGAMI LED bollard luminaire, IP54, Height 265 mm

NEW

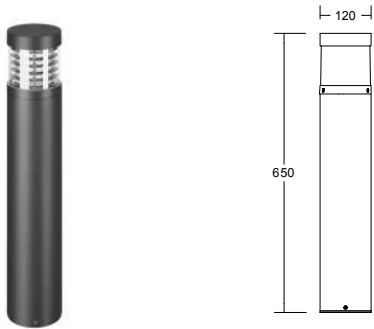
Lamp: LED, colour rendering: CRI > 80, power: 13 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65181103	NEW Textured graphite	560 lm	3,000 K



This item is subject to discount group 1.



ZAGAMI LED bollard luminaire, IP54, Height 650 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 13 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable

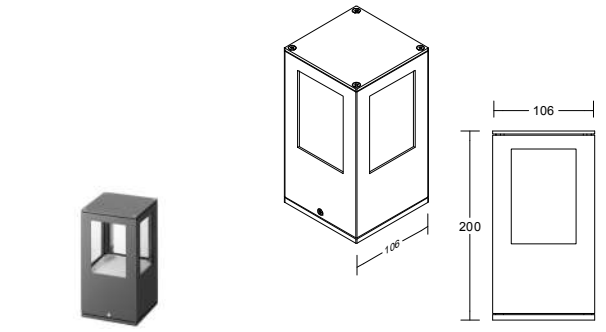


Article no.	Colour	Luminous flux	Colour temperature
65182103	NEW Textured graphite	368 lm	3,000 K



This item is subject to discount group 1.





KORRA LED bollard luminaire, IP54, Height 200 mm

NEW

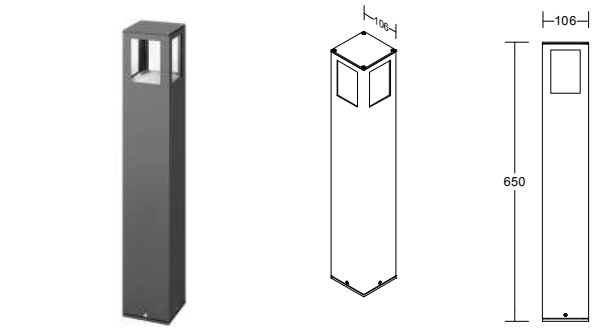
Lamp: LED, colour rendering: CRI > 80, power: 7 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65191103	NEW Textured graphite	250 lm	3,000 K



This item is subject to discount group 1.



KORRA LED bollard luminaire, IP54, Height 650 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 7 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable

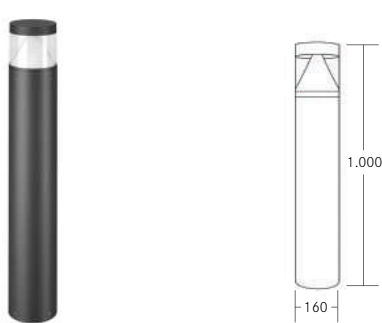


Article no.	Colour	Luminous flux	Colour temperature
65192103	NEW Textured graphite	600 lm	3,000 K



This item is subject to discount group 1.





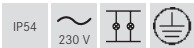
MEDUSA LED bollard luminaire, IP54,
Height 1,000 mm

NEW

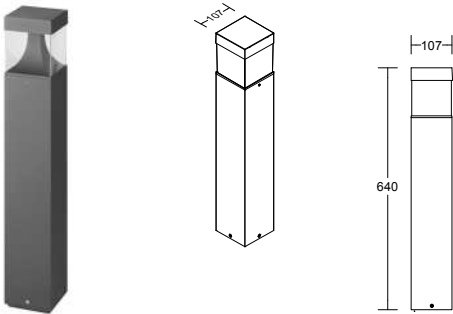
Lamp: LED, colour rendering: CRI > 80, power: 18 W,
Material: aluminium / polycarbonate, scope of scope: includes
converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65212103	NEW Textured graphite	1,420 lm	3,000 K



This item is subject to discount group 1.



MEDUSA LED bollard luminaire, IP54,
Height 640 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 9 W,
Material: aluminium / polycarbonate, scope of scope: includes
converter for connection to 230 V mains supply, switchable

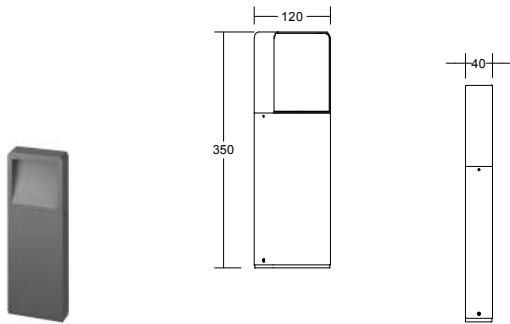


Article no.	Colour	Luminous flux	Colour temperature
65211103	NEW Textured graphite	365 lm	3,000 K



This item is subject to discount group 1.





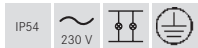
ILIA LED bollard luminaire, IP54, Height 350 mm

NEW

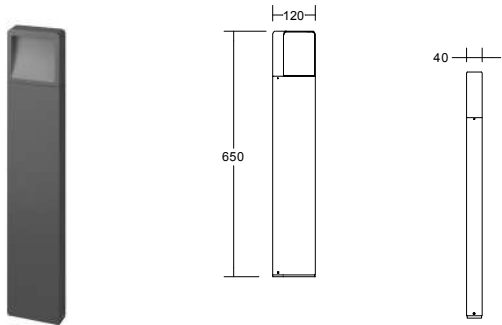
Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65221103	NEW Textured graphite	180 lm	3,000 K



This item is subject to discount group 1.



ILIA LED bollard luminaire, IP54, Height 650 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 7 W,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable



Article no.	Colour	Luminous flux	Colour temperature
65222103	NEW Textured graphite	243 lm	3,000 K

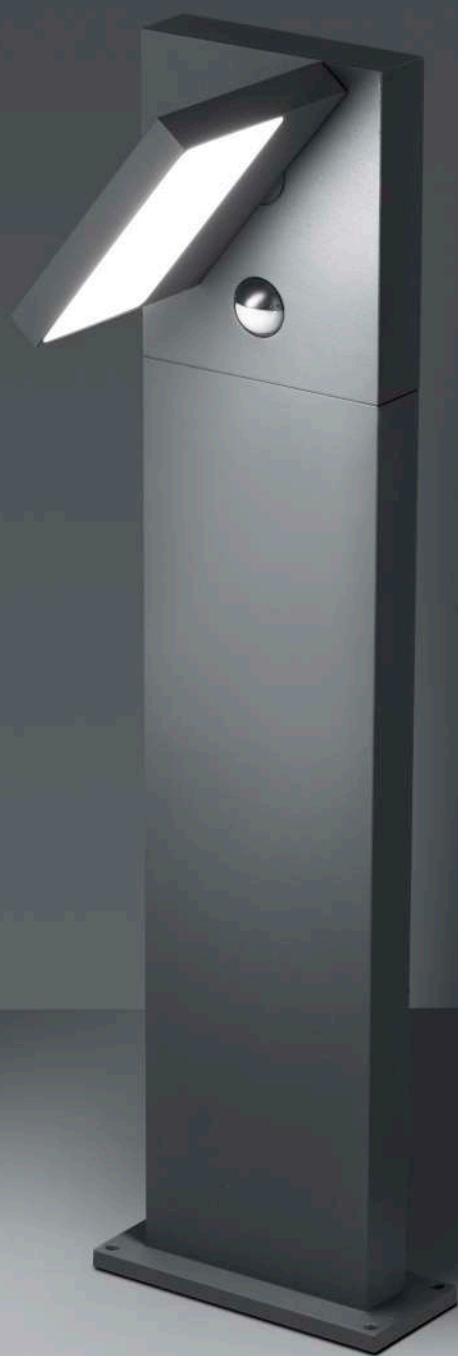


This item is subject to discount group 1.



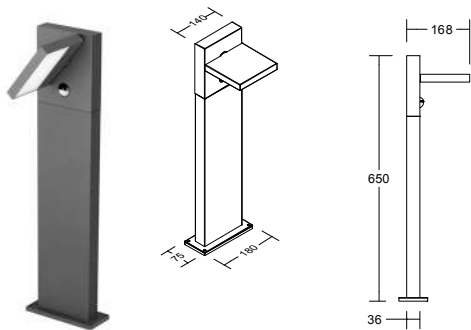
APORIA.

Safe, efficient lighting due to motion sensors.



IP54 has complete protection against accidental contact, while dust can penetrate in small quantities. In addition, it is protected against water splashing from any direction.

IP54



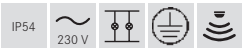
APORIA LED bollard luminaire, IP54,
Height 650 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 14 W,
Material: aluminium / polycarbonate, scope of scope: includes
converter for connection to 230 V mains supply, switchable

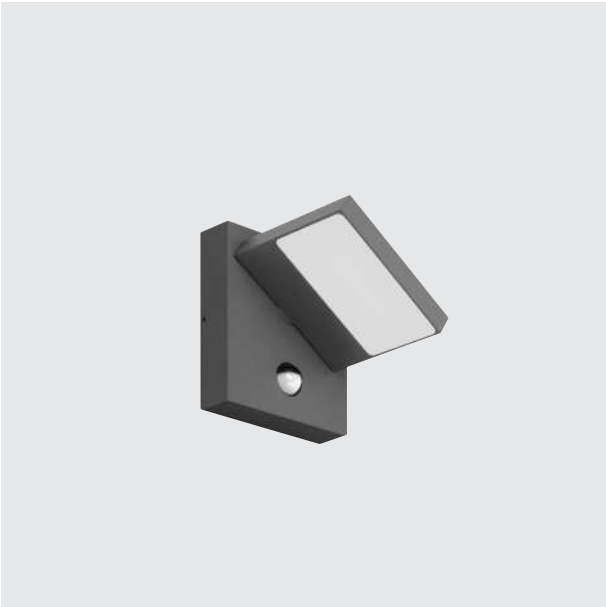
Motion sensor:
Lighting time: adjustable from 5 seconds to 10 minutes, range: 6–10 m,
detection angle: 120°, functional mode: on / off: Luminaire switches off
completely after movement

Article no.	Colour	Luminous flux	Colour temperature
65132103	NEW Textured graphite	700 lm	3,000 K



This item is subject to discount group 1.

Product family APORIA

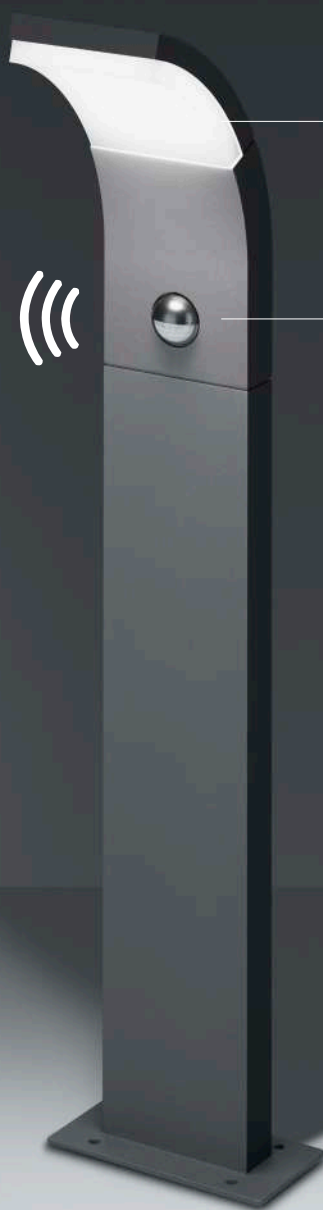


Wall-mounted luminaire
Article no.: 65131103

see page 45

INO and FAGI.

Bollard and wall luminaires for pathway lighting.

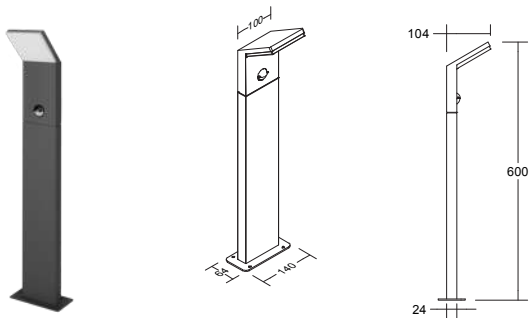


Efficient and glare-free.

Motion sensor with a range up to 9 metres.

IP54

IP54 has complete protection against accidental contact, while dust can penetrate in small quantities. In addition, it is protected against water splashing from any direction.



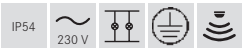
INO LED bollard luminaire, IP54, Height 600 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 8.5 W,
Material: aluminium / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable

Motion sensor:
Lighting time: adjustable from 5 seconds to 8 minutes, range: max. 9 m, detection angle: 120°, functional mode: on / off: Luminaire switches off completely after movement

Article no.	Colour	Luminous flux	Colour temperature
65122103	NEW Textured graphite	680 lm	3,000 K



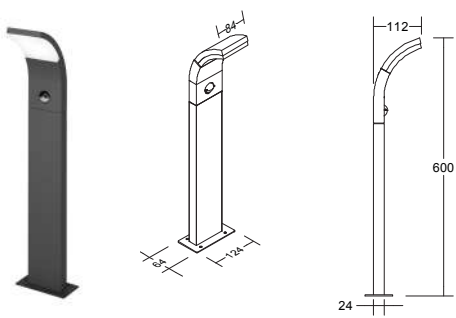
This item is subject to discount group 1.

Product family INO



Wall-mounted luminaire

Article no.: 65121103 see page 47
Article no.: 65123103 see page 47



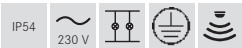
FAGI LED bollard luminaire, IP54, Height 600 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 6 W,
Material: aluminium / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable

Motion sensor:
Lighting time: adjustable from 5 seconds to 8 minutes, range: max. 9 m, detection angle: 120°, functional mode: on / off: Luminaire switches off completely after movement

Article no.	Colour	Luminous flux	Colour temperature
65112103	NEW Textured graphite	480 lm	3,000 K



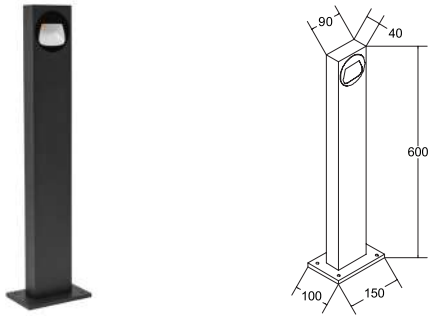
This item is subject to discount group 1.

Product family FAGI



Wall-mounted luminaire

Article no.: 65111103 see page 46
Article no.: 65113103 see page 46



QUADER LED bollard luminaire, IP54, Height 600 mm

Base dimensions: L 100 x W 150 mm

Lamp: LED, colour rendering: CRI > 90, LED output: 9 W, System output: 11 W, base dimensions: L 100 x W 150 mm, material: aluminium / glass, scope of supply: includes converter for 230 V mains supply, switchable and 500 mm connecting cable

Article no.	Colour	Luminous flux	Colour temperature
60120103	Textured graphite	730 lm	3,000 K



This item is subject to discount group 1.

Product family QUADER



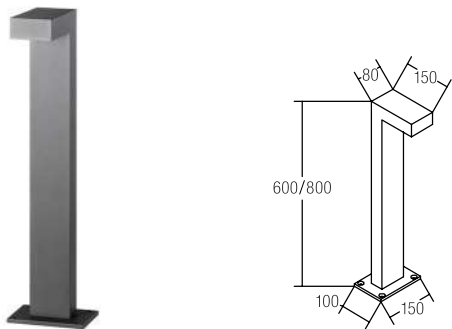
Wall-mounted luminaire, direct

Article no.: 10120103 see page 52

Wall-mounted luminaire, direct / indirect

Article no.: 10121103 see page 52

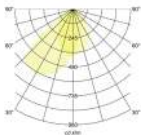




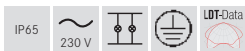
**LANTERN LED bollard luminaire, IP65,
Height 600/ 800 mm**

Base dimensions: L 100 x W 150 mm

Lamp: LED, colour rendering: CRI > 80, power: 9 W,
Beam angle: 71 °, material: aluminium / glass, scope of supply: includes
converter for 230 V mains supply, switchable and 500 mm connecting
cable



Article no.	Colour	Luminous flux	Colour temperature	Height
60006103	Textured graphite	520 lm	3,000 K	600 mm
60036103	Textured graphite	520 lm	3,000 K	800 mm



This item is subject to discount group 1.



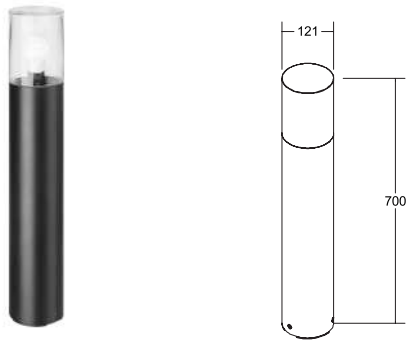
Product family LANTERN



Wall-mounted luminaire

Article no.: 10106103

see page 68



COOQUEE bollard luminaire, IP65,
Height 700 mm

Lamp: for LED retrofit lamp, lamp holder: E27, power: max. 8 W, material: aluminium / glass, scope of supply: for direct connection to 230 V mains supply, lamp not included.



Article no.	Colour
60070180	Textured black



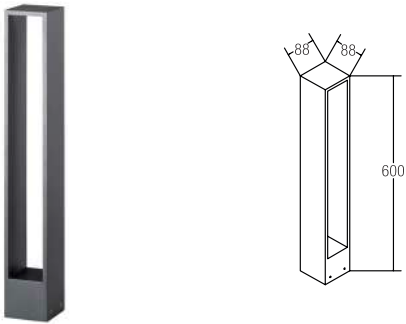
Accessories: Replacement glass 81070000 (with silicone seal)

This item is subject to discount group 1.

Product family COOQUEE

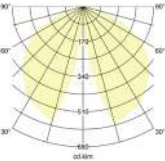


Wall-mounted luminaire	
Article no.: 60140180	see page 63
Ceiling-mounted luminaire	
Article no.: 60141180	see page 26

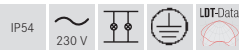


TRIAN LED bollard luminaire, IP54,
Height 600 mm

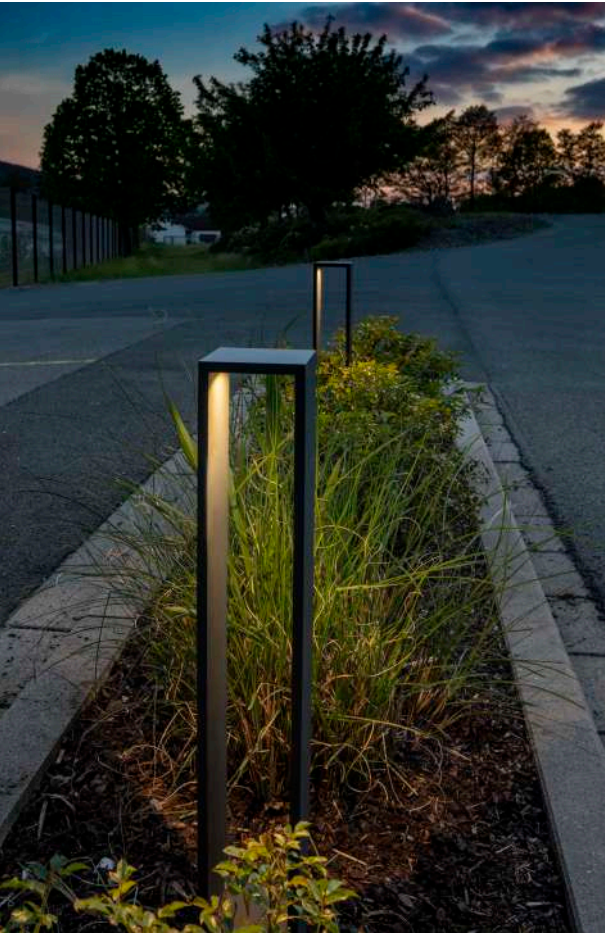
Lamp: LED, colour rendering: CRI > 80, power: 9 W, material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable

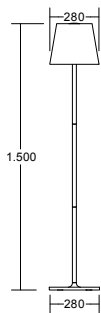


Article no.	Colour	Luminous flux	Colour temperature
60007103	Textured graphite	700 lm	3,000 K



This item is subject to discount group 1.



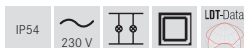


NIOBE LED floor lamp, IP54, Height 1,500 mm

NEW

Lamp: for LED retrofit lamp, lamp holder: 3 x E27,
Colour rendering: CRI > 80, power: max. 3 x 15 W,
Material: aluminium, scope of supply: includes converter for connection
to 230 V mains supply, switchable

Article no.	Colour
65101103	NEW Textured graphite



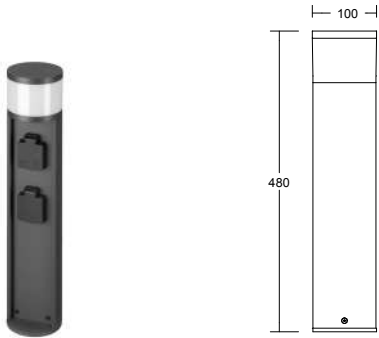
This item is subject to discount group 1.



MATURNA.

Light and power for the garden.





MATURNA LED bollard luminaire / energy column, IP44, height: 480 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 3 W,
Material: aluminium / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable

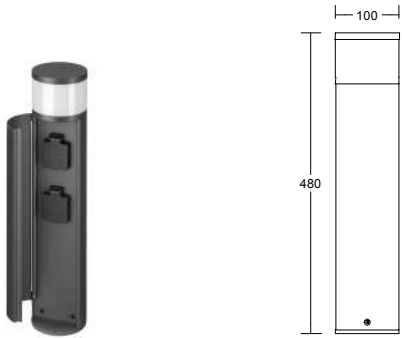
Total maximum load 3,680 W.



Article no.	Colour	Luminous flux	Colour temperature
65201103	NEW Textured graphite	210 lm	3,000 K



This item is subject to discount group 1.



MATURNA LED bollard luminaire / energy column, IP44, height: 480 mm

NEW

Lamp: LED, colour rendering: CRI > 80, power: 3 W,
Material: aluminium / polycarbonate, scope of scope: includes converter for connection to 230 V mains supply, switchable

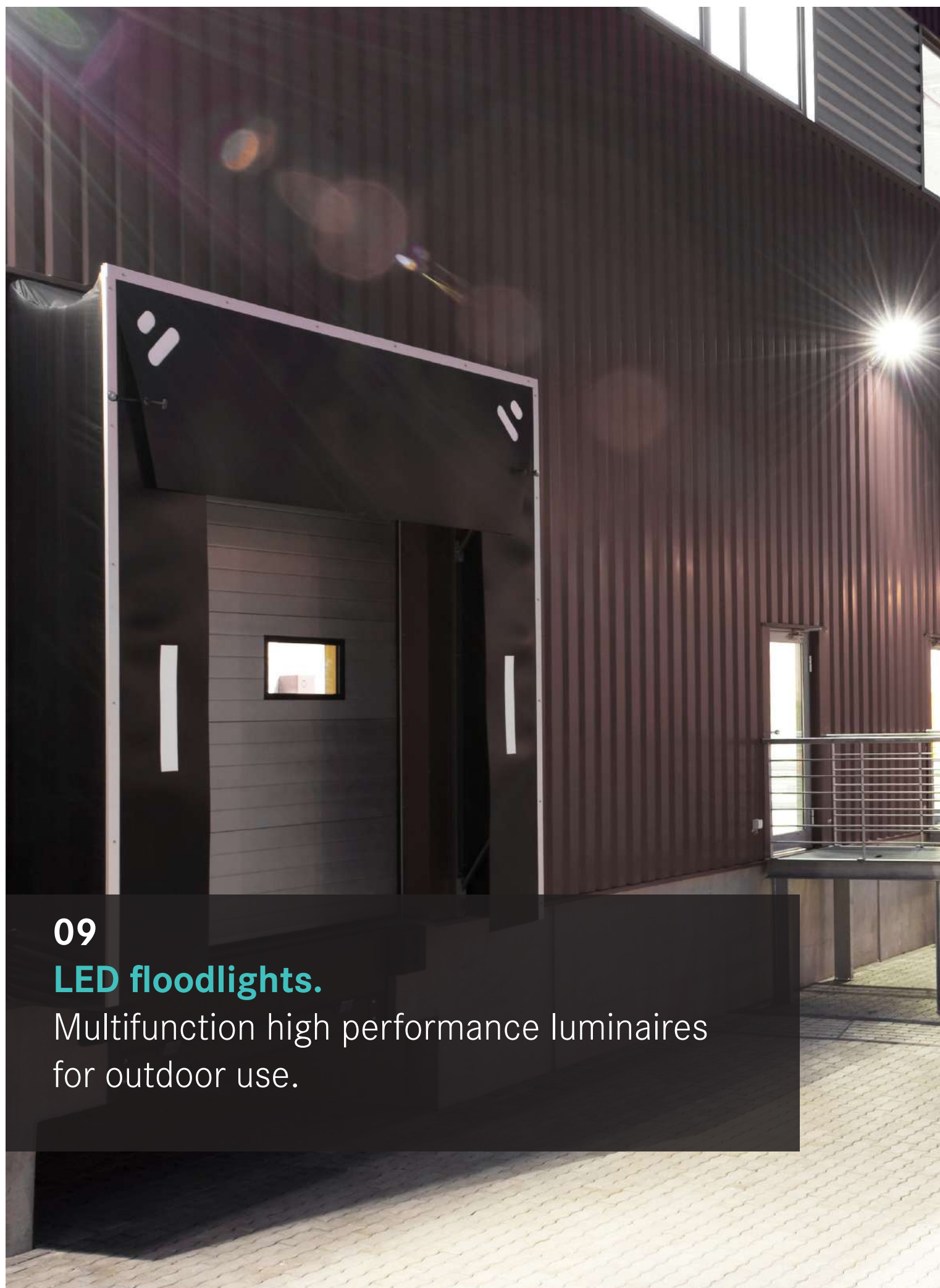
Total maximum load 3,680 W.



Article no.	Colour	Luminous flux	Colour temperature
65202103	NEW Textured graphite	232 lm	3,000 K



This item is subject to discount group 1.



09

LED floodlights.

Multifunction high performance luminaires for outdoor use.



MATRIX.

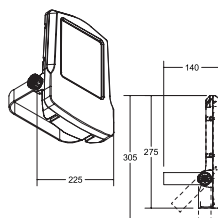
Flexible exterior applications.

More than 140 lm/W.

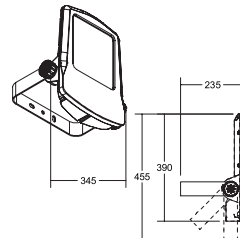


IP66
IK08

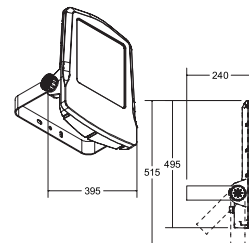
IP66 is the highest protection class against foreign objects combined with protection against powerful jets of water.



Micro
Art. no. 60801... / 60802...



Mini
Art. no. 60803... / 60804...



Midi
Art. no. 60805... / 60806...

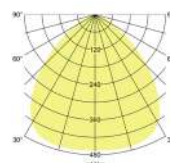
MATRIX LED floodlight, IP66

Lamp: LED, colour rendering: CRI > 80, beam angle: 100°,
Material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply, switchable, cable length: 800 mm, including cable connector and with a pressure compensation valve built into the top of the housing.

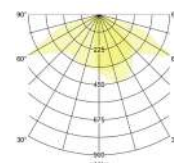
Service life:

L80/B10, 50,000 h (Ta: +25 °C)

symmetric



asymmetric



Symmetrical light distribution

Article no.	Colour	Luminous flux	Power output	Colour temperature	Weight
60801643	Matt titanium	2,810 lm	20 W	3,000 K	2.6 kg
60801644	Matt titanium	2,890 lm	20 W	4,000 K	2.6 kg
60803643	Matt titanium	7,020 lm	50 W	3,000 K	7.0 kg
60803644	Matt titanium	7,240 lm	50 W	4,000 K	7.0 kg
60805643	Matt titanium	14,050 lm	100 W	3,000 K	9.1 kg
60805644	Matt titanium	14,480 lm	100 W	4,000 K	9.1 kg

Asymmetrical light distribution

Article no.	Colour	Luminous flux	Power output	Colour temperature	Weight
60802643	Matt titanium	2,500 lm	20 W	3,000 K	2.6 kg
60802644	Matt titanium	2,710 lm	20 W	4,000 K	2.6 kg
60804643	Matt titanium	8,036 lm	50 W	3,000 K	7.0 kg
60804644	Matt titanium	8,466 lm	50 W	4,000 K	7.0 kg
60806643	Matt titanium	13,380 lm	100 W	3,000 K	9.1 kg
60806644	Matt titanium	14,100 lm	100 W	4,000 K	9.1 kg

Beam angle: 30 x 110°



These items are subject to discount group 2.



Accessories for MATRIX LED floodlight

Article no.	Description
81100640	Extension adapter for 20 W LED floodlights (Micro)
81101640	Extension adapter for 50 W LED floodlights (Mini)
81102640	Extension adapter for 100 W LED floodlights (Midi)
81120640	NEW Mast bracket for 20 W LED floodlights (Micro)
81121640	NEW Mast bracket for 50 W LED floodlights (Mini)
81122640	NEW Mast bracket for 100 W LED floodlights (Midi)

These items are subject to discount group 2.



NEO.

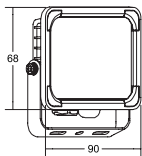
Efficient, functional and reliable.

High-quality, efficient and durable LED technology.

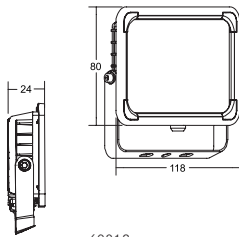


IP65
IK08

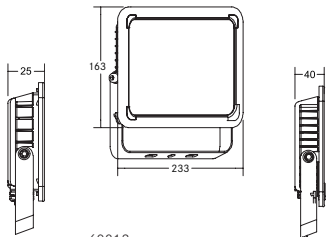
IP65 has complete protection against accidental contact. Dust cannot penetrate and it is protected against jets of water in any direction.



60811...



60812...



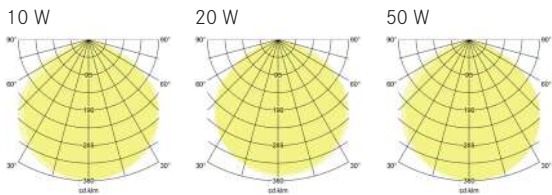
60813...

NEO

LED floodlight, IP65

Lamp: LED, colour rendering: CRI > 80, glare rating: UGR < 25, beam angle: 120°, material: aluminium / glass, scope of supply: includes converter for connection to 230 V mains supply and 1,000 mm connecting cable

Service life:
L80/B10, 50,000 h (Ta: +25 °C)



Article no.	Colour	Power output	Luminous flux	Colour temperature
60811183	NEW Textured black	10 W	1,120 lm	3,000 K
60811184	NEW Textured black	10 W	1,220 lm	4,000 K
60812183	NEW Textured black	20 W	2,380 lm	3,000 K
60812184	NEW Textured black	20 W	2,400 lm	4,000 K
60813183	NEW Textured black	50 W	5,450 lm	3,000 K
60813184	NEW Textured black	50 W	6,100 lm	4,000 K



These items are subject to discount group 2.





General Terms and Conditions of Sale

1. General - Scope

1.1 Our Terms and Conditions of Sale shall apply exclusively; we do not recognise any terms and conditions of the Purchaser that conflict with or deviate from our Terms and Conditions of Sale unless we have expressly agreed to their validity in writing. Our Terms and Conditions of Sale shall also apply if we carry out the delivery to the customer without reservation in the knowledge that the customer's terms and conditions conflict with or deviate from our Terms and Conditions of Sale.

1.2 Our written offer is decisive for the content and scope of deliveries and services and, if we issue an order confirmation, it is our written order confirmation.

1.3 Our Terms and Conditions of Sale apply only to dealings with businesses within the meaning of Section 310 (1) of the German Civil Code (BGB).

1.4 The following Terms and Conditions of Business shall take precedence over any terms and conditions of the customer that deviate in content. The purchaser's waiver of the validity of any terms and conditions of business of his own shall also not be removed by our silence or our performance. Any deviation from the following conditions requires our written confirmation in individual cases.

1.5 All technical data of our catalogues and other sales documents, lists and drawings as well as weight, dimensional and mixed data have been carefully prepared; in case of errors, we reserve the right to make subsequent corrections.

1.6 It is the responsibility of the purchaser to check whether our product is suitable for their purpose.

1.7 Insofar as declarations according to these Terms and Conditions have to be made in writing, this is also ensured by the text form in accordance with Section 126 b BGB.

2 Offer – Offer documents

2.1 If the order qualifies as an offer in accordance with Section 145 BGB, we can accept it within four weeks.

2.2 We reserve the property rights and copyrights to illustrations, drawings, calculations and documents; they may not be made accessible to third parties. This also applies to such written documents that are designated as “confidential”. The purchaser must obtain our express written consent before passing them on to third parties. Offers are only valid in written form. The prices quoted are subject to the proviso that the order data on which the quotation was based remain unchanged.

2.3 We shall only produce initial samples and initial sample test reports by express written agreement and at cost.

2.4 Products which are ordered from us by the purchaser on the basis of drawings or samples are subject to the purchaser's obligation to check and not to infringe any third-party property rights. If, in the event of non-compliance with this obligation, we are prohibited from production by a third party invoking property right belonging to him or if the product cannot be used due to the infringement of the property right, we shall be entitled – without examining the legal situation and to the exclusion of all claims for damages on the part of the purchaser, irrespective of the legal reason – to discontinue production and delivery until the facts have been clarified and to demand damages from the customer, at least in the amount of 15 % of the invoice value for the ordered product. The purchaser hereby indemnifies us against damages and other claims for compensation by third parties, in particular by right holders, upon first request. The scope of damages shall also include such costs as we incur in defending ourselves against third-party claims.

3. Prices – Payment Terms

3.1 Unless otherwise stated in the order confirmation, our prices shall apply "ex works", including the packaging normally used by us for our products plus the VAT applicable on the date of invoicing. Requested special packaging or outer packaging or special small packaging will be charged to the purchaser. The prices apply in each case only to the contractually agreed quantity and design. If the purchaser requests changes that require a higher degree of processing than is based on the contract or the usual production process, we reserve the right to make reasonable changes to the prices. If after conclusion of the contract, our costs increase unforeseeably, in particular due to collective wage agreements, material price increases, in particular increases in raw material prices, or energy cost increases, we reserve the right to adjust our prices by the extent of the resulting cost increase.

3.2 Our prices do not include the statutory VAT; it will be shown separately in the invoice at the statutory rate on the day of invoicing.

3.3 The deduction of a discount requires a special written agreement.

3.4 Unless otherwise stated in the order confirmation, the purchase price is to be paid net (without deduction) free payment office and is due for payment within 10 days of the invoice date. If the customer is in default of payment, we shall be entitled to demand interest on arrears in the amount of 9 percentage points above the statutory base interest rate per annum. If we are able to prove higher losses caused by default, we shall be entitled to assert such losses. However, the customer shall be entitled to prove to us that we have incurred no or less loss as a result of the delay in payment.

3.5 The customer shall only be entitled to set-off rights if his counter-claims have been legally established, are undisputed or acknowledged by us, or if they are in a reciprocal relationship (synallagma) to the main claim. The customer shall only be entitled to a right of retention due to counter-claims which have been established, are undisputed, recognised by us or are in a reciprocal relationship (synallagma) to the main claim. Furthermore, he shall be entitled to exercise a right of retention insofar as his counter-claim is based on the same contractual relationship.

3.6 Credit notes are issued expressly for the purpose of clearing. There is no entitlement to payment.

3.7 In case of doubt about the solvency of the customer, we reserve the right to demand advance payments or securities. If it becomes known to us that attempts to disstrain the customer have been without success or if we receive indications of the customer's financial collapse, we shall be entitled to withdraw from the contract, setting off the expenses incurred.

4. Delivery period – Delivery terms

4.1 The commencement of the delivery period stated by us or agreed with us shall be subject to the clarification of all technical questions, documents to be supplied by the purchaser, necessary approvals and releases, in particular of plans, as well as compliance with the agreed terms of payment and the fulfilment of other cooperative acts by the purchaser.

4.2 Compliance with our delivery obligation further presupposes the timely and proper fulfilment of the customer's obligation as well as our proper supply with the raw materials required for the manufacture of the product to be supplied. The objection of non-performance of the contract remains reserved.

4.3 Where non-compliance with delivery deadlines is due to force majeure, e.g. strike, lockout, pandemic, etc., the deadlines shall be reasonably extended. Such a reasonable extension of the delivery periods shall also occur if we are not supplied correctly and on time (reservation of correct and timely self-delivery).

4.4 If the customer is in default of acceptance or culpably violates other obligations to cooperate, we shall be entitled to demand compensation for the losses incurred by us in this respect, including any additional

expenses. Further claims or rights are reserved. If the supply, dispatch or delivery is postponed at the request of the customer, 10 days after notification that the goods are ready for dispatch, we may charge the customer a storage fee of 0.05 % of the invoice amount for each month or part thereof, but not more than 5 % of the invoice amount. Both contracting parties reserve the right to prove higher or lower expenses.

4.5 Provided that the conditions in 4.4 are met, the risk of accidental loss or accidental deterioration of the purchased goods shall pass to the purchaser at the point in time at which the purchaser is in default of acceptance or debtor's delay.

4.6 We shall be liable in accordance with the statutory provisions insofar as the underlying purchase contract is a transaction for delivery by a fixed date within the meaning of Section 286 (2) No. 4 of the German Civil Code (BGB) or Section 376 of the German Commercial Code (HGB). We shall also be liable in accordance with the statutory provisions if, as a consequence of a delay in delivery for which we are responsible, the customer justifiably asserts that it is not interested in a continuation of the contract.

4.7 Furthermore, we shall be liable in accordance with the statutory provisions if the delay in delivery is due to an intentional or grossly negligent breach of contract for which we are responsible; fault on the part of our representatives or vicarious agents shall be attributed to us. In the event of force majeure in accordance with 4.3, our representatives or vicarious agents shall not be deemed at fault. If the delay in delivery is due to a grossly negligent breach of contract for which we are responsible, our liability for damages shall be limited to the foreseeable, typically occurring losses.

4.8 We shall also be liable in accordance with the statutory provisions insofar as the delay in delivery for which we are responsible is due to a culpable breach of a material contractual obligation; in this case, however, the liability for damages shall be limited to the foreseeable, typically occurring losses.

4.9 We are entitled to make partial deliveries to a reasonable extent. Deviations with regard to the dimensions, weight, technical design, manufacture and scope of the goods to be delivered shall be permissible within the customary product-specific tolerances. In addition, changes which serve the technical improvement of our products shall be deemed to have been approved by the purchaser.

5. Transfer of risk – Packaging costs

5.1 Unless otherwise stated in the order confirmation, delivery is agreed to be "ex works".

5.2 Special agreements apply to the return of packaging.

5.3 If the purchaser so desires, we shall cover the delivery by providing transport insurance; the costs so incurred shall be borne by the purchaser.

5.4 The purchaser is obliged to name one or more persons who are authorised by the purchaser to receive the goods and the accompanying documents and to sign the delivery documents and accompanying papers within a reasonable period of time before delivery of the goods. This applies in particular if the goods are to be delivered to a place other than the customer's registered office. If such information is not provided, the persons who have actually received the goods shall be deemed to be entitled to receive the goods and authorised to sign the transfer documents (delivery note and other accompanying documents).

5.5 If no person designated by the customer is present at the specified location on the agreed date or if this person or other persons are not willing to accept the goods, the customer is in default of acceptance with the consequence that the risk is transferred to him. Furthermore, he has to bear the additional costs incurred as a result of a renewed delivery.

5.6 The purchaser is not permitted to refuse

acceptance of deliveries due to minor defects.

6. Liability

6.1 Claims for defects on the part of the purchaser require that the purchaser has properly fulfilled their obligation of examination and complaint in accordance with Section 377 HGB (German Commercial Code).

6.2 Insofar as the purchased item is defective, we shall be entitled, at our discretion, to subsequent performance in the form of rectification of the defect or delivery of a new item free of defects. In the event of rectification of the defect, we shall be obliged to bear all expenses necessary for the purpose of subsequent performance, in particular transport, travel, labour and material costs as well as the expenses for removing the defective item and installing or mounting the rectified or supplied defect-free item, provided that these are not increased by the fact that the purchased item has been transported to a place other than the place of performance, unless such transport corresponds to its intended use. We may refuse supplementary performance if the expenses for remedying the defect are likely to exceed the purchase price.

6.3 We shall bear the installation and removal costs only if the item has been installed in or attached to another item in accordance with its type and intended use and we are responsible for the defect that is the cause of the claim for supplementary performance.

6.4 If the supplementary performance fails, the customer shall be entitled to choose between withdrawal from the contract or a reduction in the purchase price.

6.5 We shall be liable in accordance with the statutory provisions if the customer asserts claims for damages based on intent or gross negligence, including intent or gross negligence on the part of our representatives or vicarious agents. Insofar as we are not accused of intentional breach of contract, the liability for damages shall be limited to the foreseeable, typically occurring losses.

6.6 We shall be liable in accordance with the statutory provisions if we culpably breach a material contractual obligation; however, even in this case, liability for damages shall be limited to the foreseeable, typically occurring losses. A material contractual obligation shall be deemed to exist if the breach of duty relates to an obligation on whose fulfilment the customer relied and was entitled to rely.

6.7 Liability for culpable injury to life, limb or health shall remain unaffected; this shall also apply to mandatory liability under the Product Liability Act.

6.8 Unless otherwise stipulated above, liability is excluded.

6.9 The limitation period for claims for defects is 12 months, calculated from the transfer of risk.

7. Overall liability

7.1 Any further liability for damages than provided for in clause 6 and clause 4 shall be excluded – regardless of the legal nature of the asserted claim. This shall apply in particular to claims for damages arising from culpa in contrahendo, other breaches of duty or claims in tort for compensation for damage to property pursuant to Section 823 of the German Civil Code (BGB).

7.2 A preclusion period of 18 months shall apply to the limitation of all claims that are not subject to the statute of limitations due to a defect in the item. It begins from knowledge of the damage and the person of the liable party.

7.3 The limitation under clause 7.1 shall also apply insofar as the purchaser demands compensation for futile expenditure instead of a claim for damages in lieu of performance.

7.4 Insofar as our liability for damages is excluded or limited, this shall also apply with regard to the personal

liability for damages of our employees, representatives and vicarious agents.

8. Retention of title

8.1 We retain title to the purchased item until receipt of all payments arising from the business relationship with the purchaser. If the customer violates his contractual obligation or is in default of payment, we may withdraw from the contract if he does not comply with his obligations after setting a reasonable deadline or if we cannot reasonably be expected to adhere to the contract even without a reminder. We can also declare the withdrawal by taking back the purchased item. After taking back the purchased item, we shall be entitled to dispose of it; the proceeds of disposal shall be set off against the customer's liabilities – less reasonable disposal costs.

8.2 Until the final transfer of ownership, the purchaser is obliged to treat the purchased item with care; in particular, he is obliged to adequately insure it at his own expense against losses due to fire, water and theft at replacement value. If maintenance and inspection work is required, the purchaser must carry this out in good time at its own expense.

8.3 In the event of distraint proceedings or other interventions by third parties, the customer must notify us immediately in writing so that we can take legal action in accordance with Section 771 of the German Code of Civil Procedure (ZPO). Insofar as the third party is not in a position to reimburse us for the court and out-of-court costs of an action in accordance with Section 771 ZPO (German Code of Civil Procedure), the customer shall be liable for the losses incurred by us.

8.4 The customer shall be entitled to resell the purchased item in the ordinary course of business; however, he hereby cedes all claims in the amount of the final invoice amount (including VAT) of our claim accruing to him from the resale against his customers or third parties, irrespective of whether the purchased item has been resold without or after processing. The customer shall remain authorised to collect this claim even after the cession. Our authority to collect the claim ourselves remains unaffected by this. However, we undertake not to collect the claim as long as the customer meets his payment obligations from the proceeds collected, is not in default of payment and, in particular, has not filed for insolvency proceedings or suspended payments. However, if this is the case, we may demand that the customer inform us of the ceded claims and their debtors, provide all information required for collection, hand over the relevant documents and inform the debtors (third parties) of the cession. The claim ceded by us in advance also refers to the acknowledged balance, as in the case of insolvency of the customer to the then existing causal balance.

8.5 The processing or transformation of the purchased item by the customer shall always be carried out for us. If the purchased item is processed with other objects not belonging to us, we shall acquire co-ownership of the new object in the ratio of the value of the purchased item (final invoice amount, including VAT) to the other processed objects at the time of processing. In all other respects, the same shall apply to the item created by processing as to the purchased item supplied subject to reservation of title.

8.6 If the purchased item is inseparably mixed with other items not belonging to us, we shall acquire co-ownership of the new item in the ratio of the value of the purchased item (final invoice amount, including VAT) to the other mixed items at the time of mixing. If the mixing takes place in such a way that the customer's item is to be regarded as the main item, it shall be deemed to be agreed that the customer transfers co-ownership to us on a pro rata basis. The customer shall preserve the sole ownership or co-ownership thus created on our behalf.

8.7 The purchaser also cedes to us the claims to secure our claims against him, which arise from the connection of the purchased item with a property

against a third party.

8.8 We undertake to release the securities to which we are entitled at the request of the customer to the extent that the realisable value of our securities exceeds the claims to be secured by more than 10 %; the selection of the securities to be released shall be incumbent upon us.

9. Jurisdiction - Place of performance - Severability clause

9.1 If the customer is a merchant, the place of jurisdiction for all disputes arising shall be Sundern (Sauerland), to the exclusion of other places of jurisdiction; however, we shall also be entitled to sue the customer at its general place of jurisdiction.

9.2 The law of the Federal Republic of Germany shall apply; the validity of the UN Convention on Contracts for the International Sale of Goods is excluded.

9.3 Unless otherwise stated in the order confirmation, the place of performance for all services and consideration, including payments, shall be our headquarters in Sundern (Sauerland).

9.4 These General Terms and Conditions of Sale shall remain valid even if individual clauses prove to be invalid. The invalid clause shall be supplemented or reinterpreted by the parties in such a way that the commercial purpose intended by the invalid provision is as far as possible achieved. The same procedure shall be followed if a loophole requiring supplementation arises during the performance of the contractual relationship. If the invalidity is based on a performance or time provision, it shall be replaced by the legally permissible measure. Should any provision of these General Terms and Conditions of Sale be invalid with regard to mandatory foreign law, the purchaser shall, upon request, agree with us such contractual supplements and make such declarations to third parties or authorities as will ensure the validity of the provision concerned and, if this is not possible, its commercial content also under the foreign law.

9.5 The German version of the General Terms and Conditions of Sale is the authoritative version. It shall take precedence over the English translation in translations and is designed in accordance with German case law.

Status: March 2023

Colour coding

02 = chrome

15 = matt nickel

18 = textured black

03 = matt chrome

16 = textured silver

25 = matt aluminium

07 = white

17 = textured white

68 = silver

08 = black

Article no.
(separated)

1963 . 07

or

Article no.
(8-digit)

13 368 07 3

Surface colour code

07










Art. group

13

LED colour

07

3

1	RGB		6	red	
2	RGBW		7	green	
3	warm white		8	blue	
4	neutral white		9	amber	
5	cold white				

1 0	LED wall luminaires	3 9	LED set incl. dimmable converter
1 2	LED ceiling luminaires	4 0	LED set incl. dimmable round converter
1 3	LED ceiling luminaires	4 3	Loudspeaker
1 4	LED ground-recessed luminaires	4 8	Fibre technology
1 7	LED operating devices / controls	5 3	LED profiles
1 8	Colour-changing LEDs	5 8	Hotel/gastronomy
1 9	LED strips / PCBs	6 0	Outdoor
2 0	Ceiling-recessed luminaires: Solid aluminium	7 5	QualityFlex Select flexible PCB units
2 4	Zamak ceiling-recessed luminaires (die-cast)	7 6	QualityFlex Select flexible PCB units
2 6	Low-voltage ceiling-recessed spotlights	7 7	Office
3 6	Luminaires with high-voltage bracket for retrofitting	8 1	Accessory parts
3 8	LED set incl. converter		

*Special product.

Note! The product with the colour temperature red, green, blue or amber is a special product. This product, with these colour temperatures, is used for coloured lighting. The spectral distribution of light is used to change the appearance of illuminated scenes or illuminated objects in addition to making them visible. The product is not intended for use in other applications. The special product is not suitable for room lighting in the home.

Degrees of protection

The **degree of protection** of a luminaire indicates its protection against the ingress of foreign bodies and moisture. The designation follows the pattern described below: IP XX
The letters IP stand for the degree of protection and the placeholders are replaced as follows: 1st digit: protection against solid objects, 2nd digit: protection against water

Digits for protection against accidental contact / solid object protection



















































IP 0X	Unprotected
IP 1X	Protected against solid objects larger than 50 mm.
IP 2X	Protected against solid objects larger than 12 mm.
IP 3X	Protected against solid objects larger than 2.5 mm.
IP 4X	Protected against solid objects larger than 1 mm.
IP 5X	Protected against dust
IP 6X	Dust-tight

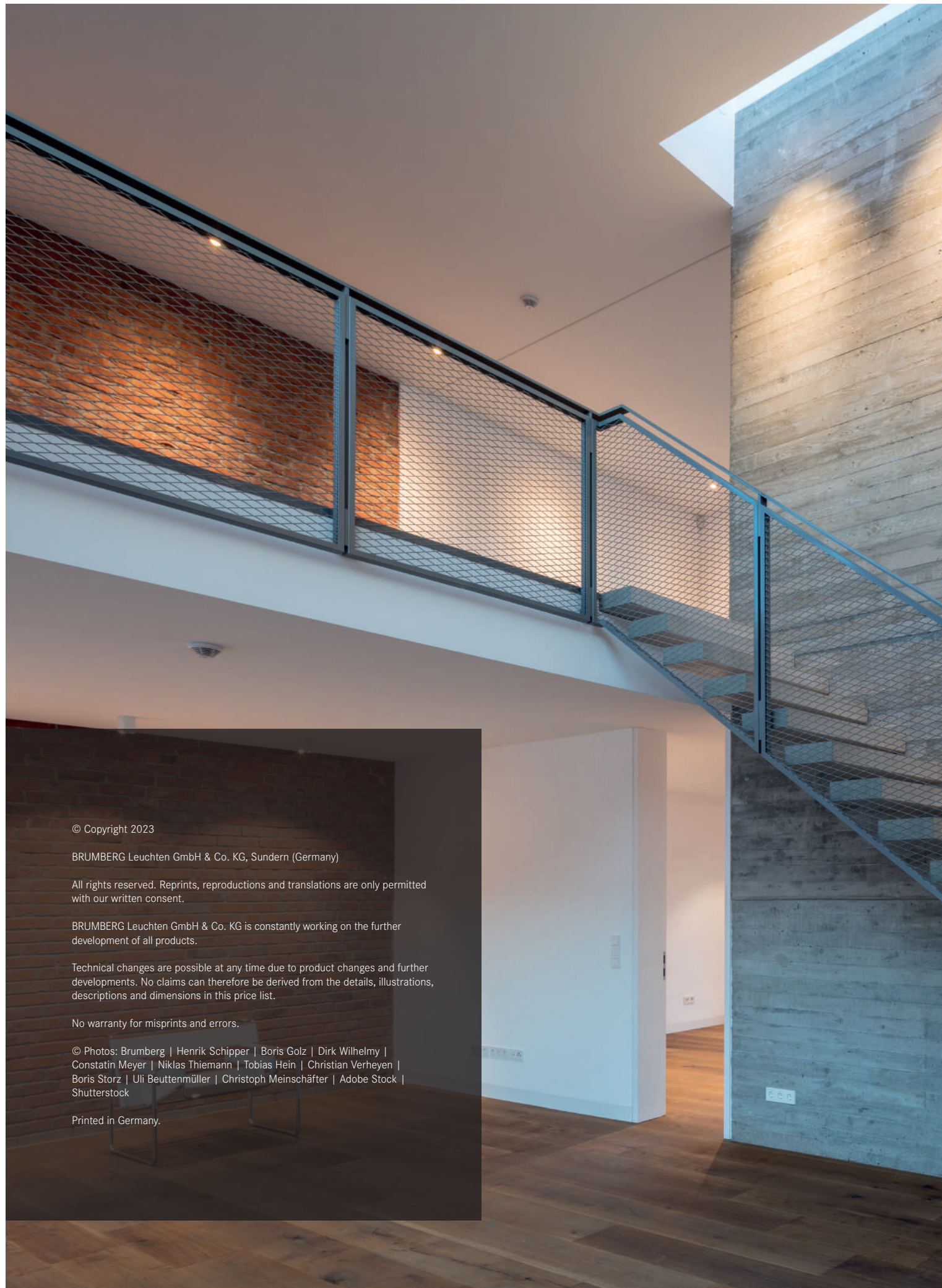
Example: IP 44 means protected against solid objects > 1 mm and against spraying water.

Digits for water protection

IP X0	Not protected against the ingress of water
IP X1	Protected against vertically dripping water
IP X2	Protected against dripping water falling at an angle (15° from the vertical)
IP X3	Protected against spraying water (up to 60° from the vertical)
IP X4	Protected against spraying water at any angle
IP X5	Protected against water jets
IP X6	Protected against water ingress during temporary flooding
IP X7	Protected from water ingress during immersion
IP X8	Protected from water ingress during immersion for an indeterminate period

Pictograms

	Connection is made as a parallel connection (constant voltage)		Luminaires for installation in furniture made of materials with unknown fire behaviour		Degree of protection, for key see bottom left
	Connection is made as a series connection (constant current)		Not suitable for installation in device/ mounting boxes		Article partly consists of V4A stainless steel and is not suitable for use in coastal areas.
	Luminaire operating current corresponds to the stated mA specification (constant current)		Rotation angle in various directions in °		Moisture impregnated membrane
	Luminaire operating voltage 12 V direct current (DC)		Cardan rotation angle in °		VDE certification
	Luminaire operating voltage 24 V direct current (DC)		Swivel angle in °		ENEC certification
	Luminaire operating voltage 230 V alternating current (AC)		Impact resistance / mechanical stress		Load capacity in kg
	Luminaire recessed depth in mm The stated recessed depth refers to the mechanical installation depth (only the luminaire dimension)! For the actual installation depth please refer to the installation instructions.		Luminaire fixing WITHOUT visible snap ring		Article not suitable for covering with thermal insulation material
	Circular (Ø) or rectangular ceiling cut-out in mm		Reference of mounting bracket to be used with the article. Note: LV luminaires are generally supplied WITHOUT mounting brackets. Please order if required!		The article is equipped with our Plug&Play connection system for easy wiring. Incorrect wiring is no longer possible.
	Protection class I: with protective earthing (PE)		Dimmable via leading-edge and/or trailing-edge phase dimmer		Maximum luminous flux in lumens. The precise values are available on request. Measurement in accordance with DIN EN 13032: Among other things, this standard regulates measurement methods (e.g. with a goniophotometer) and the representation of photometric data (light distribution curve) for luminaires and lamps.
	Protection class II: protective insulation (e.g. plastic housing or reinforced or double insulation)		Dimmable via 1-10 V interface		This article can be controlled via Bluetooth.
	Protection class III: protective extra-low voltage: voltages <=50 V AC; <=120 V DC		Dimmable via DALI BUS		Light distribution curves are available for download for these articles at www.brumberg.com .
	Ambient temperature (LED strips)		Dimmable via DALI BUS 2		Short pitch: distance between centres of LED chips (LED strips)
	Nominal service life at 100 % BLF (escape sign luminaires)		Luminaires are also compatible with all other MR16 lamps.		Solder on connecting cable (LED strips)
	Nominal service life at 40 % BLF (escape sign luminaires)		LED number per metre (LED strips)		Detection distance in m (escape sign luminaires)
	D-mark. Luminaires for fire-hazardous premises. Maximum temperature of horizontal surfaces during normal operation 90 °C. Maximum glass surface temperature 150 °C.		Dimmable (LED strips)		Non-replaceable light source
	End-user replaceable LED light source		LED light source replaceable by qualified person		Light source replaceable by qualified person
	End-user replaceable light source		Motion sensor		



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5-year lighting guarantee

Brumberg luminaires meet the highest standards of material and workmanship quality. That is something we guarantee with the Brumberg quality promise. The lighting guarantee represents an upgrade to the statutory two-year warranty period.

Unrestricted product confidence in our luminaire systems and control gear forms the basis for the lighting guarantee. Whenever you buy a Brumberg product we guarantee, within the framework of the warranty conditions, its perfect quality and function over the period of 5 years. The lighting guarantee is completely free of charge and applies to our specialist partners from the trade.

The five-year guarantee is only valid after registration on the website.
www.brumberg.com/de/5-jahre-garantie



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