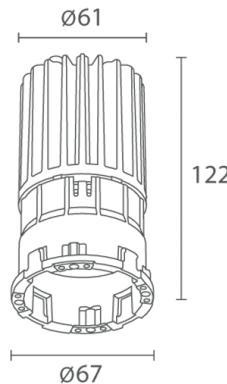




Combina D 2.0, code: CC2020100090L0

Recessed for indoor applications



DESCRIPTION

recessed downlight for indoor applications; recessed (ceiling); Power consumption: max 11W; Power supply: max 300mA; Lumen output at source: 960 lm (3000K, 300mA, CRI >90); Delivered lumen output: 756 lm (3000K, 300mA, 36°, CRI >90); 1 power LED High Intensity, 2-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 4000K; Optics: 36°: optical system consisting of a deep-set, high-efficiency TIR lens; CRI Colour Rendering Index: >90; Body material: body made of low-copper-content die-cast aluminium alloy EN AB 46100, for excellent corrosion resistance, and flame-retardant Bayblend. Trim and cover made of low-copper-content die-cast aluminium alloy EN AB 46100 for excellent resistance to corrosion; RAL finish on request; power supply unit not included; Wiring: series; includes 2x0.30 m single-core cables; Control system: dimming via dimmable driver; Ingress protection: IP40, IP44 with filter; UGR <13 for versions with flat and shallow covers, UGR <19 for versions with deep cover; Easy to wire. The electrical cables can be attached directly to the connector, making the product easier to install; Casambi control using the Casambi app with dedicated electronics; Operating temperature: 0°C — +45°C; Appliance class: class III; Weight: 500 gr; Dimensions: Ø85 mm / 85x85 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WGCC20A1F Round bezel, WGCC20A1T Round bezel, WGCC20A2F Square bezel, WGCC20A2T Square bezel, WHCC20A1 Honeycomb louvre, WHCC20A2 Honeycomb louvre, WRCC20R1D Diffuser filter, WRCC20R1T Transparent IP44 screen, WRCC20R1W Elliptical filter, WRCC20S1D Diffuser filter, WRCC20S1T Transparent IP44 screen, WRCC20S1W Elliptical filter, WZCC20108 Flat, round cover, WZCC2010E Flat, round cover, WZCC2010N Flat, round cover, WZCC2010Z Flat, round cover, WZCC20208 Flat, square cover, WZCC2020E Flat, square cover, WZCC2020N Flat, square cover, WZCC2020Z Flat, square cover, WZCC20308 Shallow, round cover, WZCC2030E Shallow, round cover, WZCC2030N Shallow, round cover, WZCC2030Z Shallow, round cover, WZCC20408 Shallow, square cover, WZCC2040E Shallow, square cover, WZCC2040N Shallow, square cover, WZCC2040Z Shallow, square cover, WZCC20508 Deep, round cover, WZCC2050E Deep, round cover, WZCC2050N Deep, round cover, WZCC2050Z Deep, round cover, WZCC20608 Deep, square cover, WZCC2060E Deep, square cover, WZCC2060N Deep, square cover, WZCC2060Z Deep, square cover; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Product being discontinued

ELECTRICAL CHARACTERISTICS

Power consumption	max 11W
Power supply	max 300mA
Power supply unit	power supply unit not included
Control system	dimming via dimmable driver
Wiring	series

LIGHTING CHARACTERISTICS

Number and type of LED	1 power LED High Intensity
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	4000K
CRI Colour Rendering Index	>90
Binning	2-step MacAdam
Optics	36°
Lumen output at source	960 lm (3000K, 300mA, CRI >90)
Delivered lumen output	756 lm (3000K, 300mA, 36°, CRI >90)

MECHANICAL CHARACTERISTICS

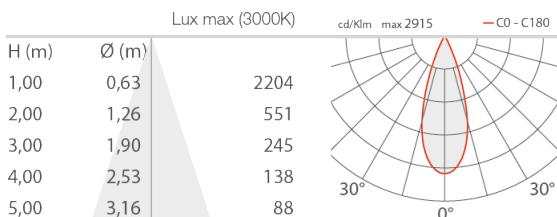
Dimensions	ø85 mm / 85x85 mm
Weight	500 gr
Body material	body in die-cast aluminium and Bayblend, bezel and cover in die-cast aluminium

GENERAL CHARACTERISTICS

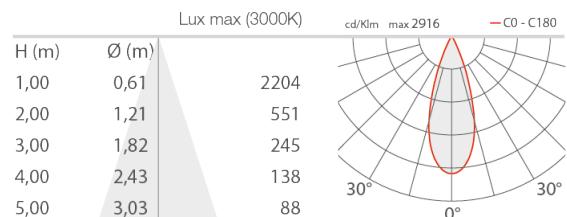
Ingress protection	IP40, IP44 with filter
Operating temperature	0°C – +45°C
Features	UGR <13 for versions with flat and shallow covers, UGR <19 for versions with deep cover
Energy efficiency class	F (light source) in accordance with EU 2019/2015
Appliance class	class III
Walkover	no
Drive-over	no
Power cables	includes 2x0.30 m single-core cables
Notes	Easy to wire. The electrical cables can be attached directly to the connector, making the product easier to install; Casambi control using the Casambi app with dedicated electronics

PHOTOMETRIC DATA

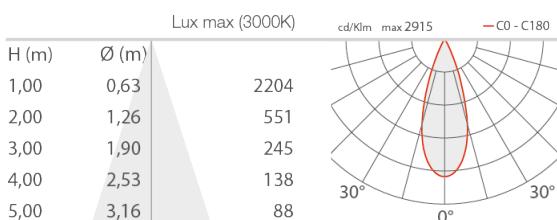
L - 36° CRI 90 flat, round cover



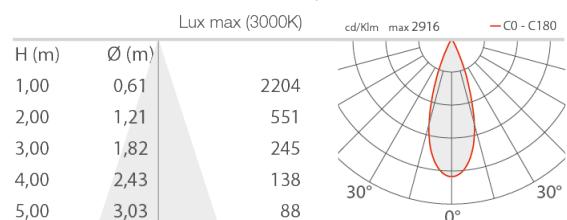
L - 36° CRI 90 flat, square cover



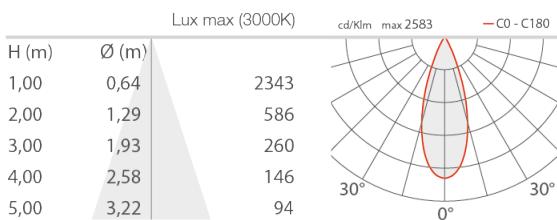
L - 36° CRI 90 shallow, round cover



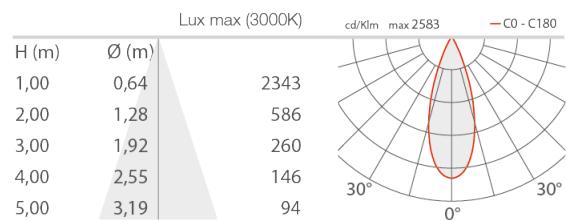
L - 36° CRI 90 shallow, square cover



L - 36° CRI 90 deep, round cover



L - 36° CRI 90 deep, square cover



ACCESSORIES

Installation Accessories



WGCC20A1F

Round bezel

for installation flush with ceiling

Required installation accessories, not included



WGCC20A1T

Round bezel

for rebated installation

Required installation accessories, not included



WGCC20A2F

Square bezel

for installation flush with ceiling

Required installation accessories, not included



WZCC20108

Flat, round cover

primer

The paints that can be used on primed lighting fixtures are the same ones that are suitable for use on masonry surfaces, i.e: two-pack polyurethane varnishes, two-pack acrylic paints

Required installation accessories, not included



WZCC2010N

Flat, round cover

black

Required installation accessories, not included



WZCC20208

Flat, square cover

primer

The paints that can be used on primed lighting fixtures are the same ones that are suitable for use on masonry surfaces, i.e: two-pack polyurethane varnishes, two-pack acrylic paints

Required installation accessories, not included



WZCC2020N

Flat, square cover

black

Required installation accessories, not included

WGCC20A2T

Square bezel

for rebated installation

Required installation accessories, not included



WZCC2010E

Flat, round cover

white

Required installation accessories, not included



WZCC2010Z

Flat, round cover

antique bronze

Required installation accessories, not included



WZCC2020E

Flat, square cover

white

Required installation accessories, not included



WZCC2020Z

Flat, square cover

antique bronze

Required installation accessories, not included



**WZCC20308**

Shallow, round cover
primer

The paints that can be used on primed lighting fixtures are the same ones that are suitable for use on masonry surfaces, i.e: two-pack polyurethane varnishes, two-pack acrylic paints

Required installation accessories, not included

**WZCC2030E**

Shallow, round cover
white

Required installation accessories, not included

**WZCC2030N**

Shallow, round cover
black

Required installation accessories, not included

**WZCC2030Z**

Shallow, round cover
antique bronze

Required installation accessories, not included

**WZCC20408**

Shallow, square cover
primer

The paints that can be used on primed lighting fixtures are the same ones that are suitable for use on masonry surfaces, i.e: two-pack polyurethane varnishes, two-pack acrylic paints

Required installation accessories, not included

**WZCC2040E**

Shallow, square cover
white

Required installation accessories, not included

**WZCC2040N**

Shallow, square cover
black

Required installation accessories, not included

**WZCC2040Z**

Shallow, square cover
antique bronze

Required installation accessories, not included

**WZCC20508**

Deep, round cover
primer

**WZCC2050E**

Deep, round cover
white

The paints that can be used on primed lighting fixtures are the same ones that are suitable for use on masonry surfaces, i.e: two-pack polyurethane varnishes, two-pack acrylic paints
Required installation accessories, not included



WZCC2050N

Deep, round cover
black

Required installation accessories, not included

Required installation accessories, not included



WZCC2050Z

Deep, round cover
antique bronze

Required installation accessories, not included



WZCC20608

Deep, square cover
primer

The paints that can be used on primed lighting fixtures are the same ones that are suitable for use on masonry surfaces, i.e: two-pack polyurethane varnishes, two-pack acrylic paints

Required installation accessories, not included



WZCC2060E

Deep, square cover
white

Required installation accessories, not included



WZCC2060N

Deep, square cover
black

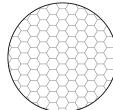
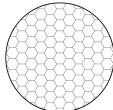
Required installation accessories, not included

WZCC2060Z

Deep, square cover
antique bronze

Required installation accessories, not included

Anti-glare



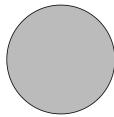
WHCC20A1

Honeycomb louvre
round cover: flat, shallow, deep
square cover: deep

WHCC20A2

Honeycomb louvre
square cover: flat, shallow

Optical Accessories

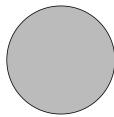
**WRCC20R1D**

Diffuser filter

round cover: flat, shallow, deep
square cover: deep**WRCC20R1W**

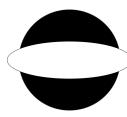
Elliptical filter

Adding the filter changes the light output: please consult the photometric data.

round cover: flat, shallow, deep
square cover: deep**WRCC20S1D**

Diffuser filter

square cover: flat, shallow

**WRCC20S1W**

Elliptical filter

Adding the filter changes the light output: please consult the photometric data.

square cover: flat, shallow

Other**WRCC20R1T**

Transparent IP44 screen

round cover: flat, shallow, deep
square cover: deep**WRCC20S1T**

Transparent IP44 screen

square cover: flat, shallow

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.