Create the right atmosphere
with light

The glow version of the Copenhagen LED luminaire gives guidance and comfort, and creates a safe and good environment for the citizens. And for city branding purposes, why not choose the version with wireless dynamic uplight?

Other features are the two SR connectors for future-proofing, and an easy replaceable LED unit, which makes it very easy to maintain. With LEDGINE O optics the installation will suit any type of project.

Copenhagen Dynamic
Roskilde, Denmark

Contents

Product family
for urban areas

Offers classic style in high quality, suitable for everything from small walkways to motorways. With Copenhagen2 it is easy to create the right ambiance and identity for your area.

• 2 different types; Copenhagen2 and Copenhagen2 City
• They come in 3 sizes; Mega, large and small

Copenhagen2

Mega

Large

Small

Copenhagen2 City

Mega

Large

Small

Backlight cover

Copenhagen City,
Copenhagen, Denmark

Copenhagen Dynamic
Roskilde, Denmark

Public lighting
....
Copenhagen2
....
**Installation
overview**
....

Installation
overview

Copenhagen2

	Side entry	Wire suspended	Pendant
Small	BRS561	BSS561	BDS561
Large	BRS562	BSS562	BDS562
Mega	BRS563	BSS563	BDS563

* suspension is selected and ordered separately

Copenhagen2 City

	Side entry	Wire suspended	Pendant
Small	BRS761	BSS761	BDS761
Large	BRS762	BSS762	BDS762
Mega	BRS763	BSS763	BDS763

* suspension is selected and ordered separately

365 Ø560   284 Ø460   230 Ø380

Copenhagen LED
Holbæk, Denmark
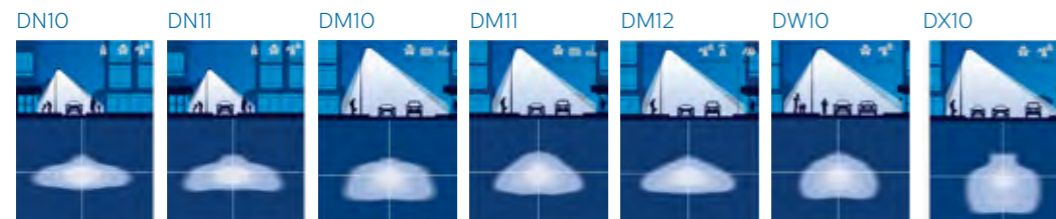
7
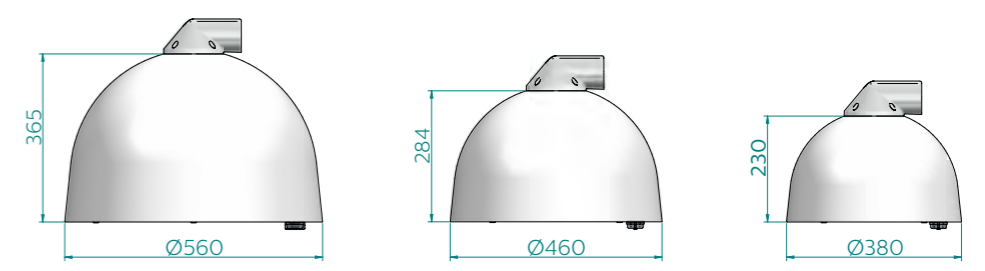
Designed for **serviceability**

The Copenhagen2 family is based on modules. At any time the LED unit can be upgraded or changed.

The Copenhagen2 family is easy to maintain. Simply remove front glass and disconnect the LED unit for replacement

Portfolio of optics

Copenhagen2

LEDGINE O optics for Road & Residential streets

| DN10 | DN11 | DM10 | DM11 | DM12 | DW10 | DX10 |

LEDGINE O optics for
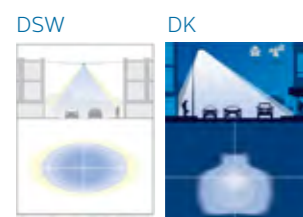Residential streets, roundabouts and open areas

| DM50 | DW50 | DS50 | DX50 | DX51 |

LEDGINE O optics for dedicated application areas (pedestrian crossings, optics with back light cover, ect.)

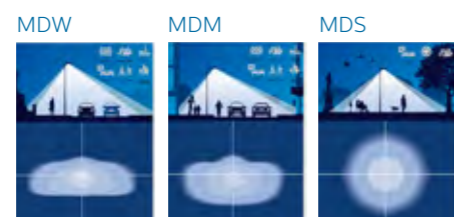| Optics+BL1 | Optics+BL2 | DM70 | DX70 | DM30 | DM31 | DPL1 | DPR1 |
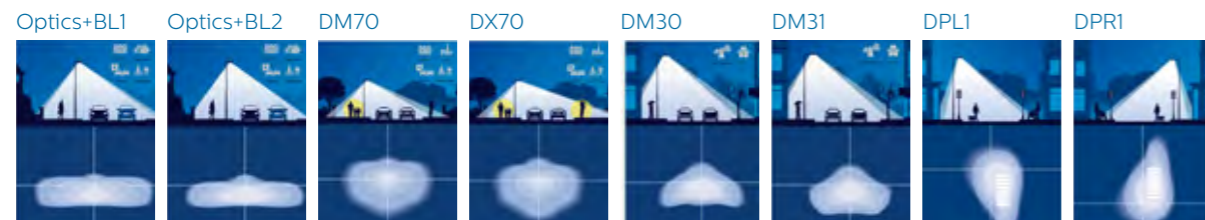
Copenhagen2 City

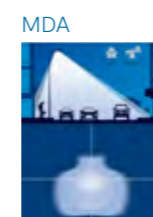| LEDGINE O optics for Road & Street | | LEDGINE O optics for Residential streets: | | | LEDGINE O optic for dedicated application areas |
| DSW | DK | MDW | MDM | MDS | MDA |

Configuration overview

| **Stand alone**	LEDGINE Round or Square Glow effect Easy replaceable LED unit
System Ready	LEDGINE Round or Square Glow effect Easy replaceable LED unit 2 x SR-connector: Top: inside mounted Bottom: mounted in front glass
Connected	LEDGINE Round or Square Glow effect Easy replaceable LED unit CityTouch integrated
Dynamic	LEDGINE Round or Square Glow effect Easy replaceable LED unit CityTouch integrated (optional) Wireless controlled dynamic uplight

Easy maintenance with Philips Service tag

Instant access to procedures, spare part list and programming

This tag features a QR-based identification system that gives you instant access to critical information during unpacking, installation, diagnostics, fault reporting and programming. Simply scan the tag with a smartphone or tablet running the Philips Service tag app, and the contents of the box plus installation information are described. The tag also activates the five-year warranty. To assist in diagnosing breakdowns, scanning the tag provides the troubleshooting guide applicable to that luminaire. Sourcing spare parts and 'one touch' programming of parts to original settings can also be done using the app. It's that simple.

Luminaire

Box

Pole where luminaire is installed
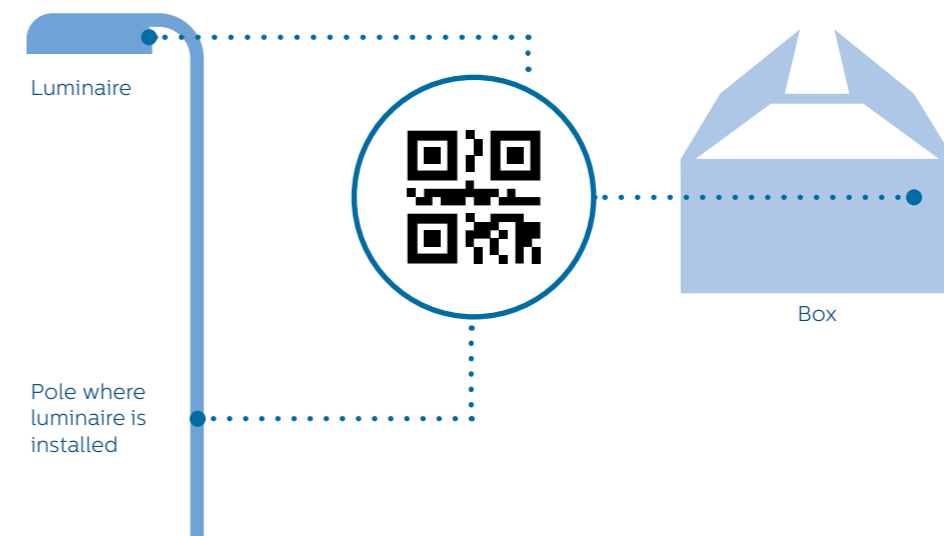
Specifications

Copenhagen2	Copenhagen2 small (BxS561)	Copenhagen2 large (BxS562)	Copenhagen2 mega (BxS563)
Material	Housing: Opal PMMA		
	Front glass: Tempered frosted glass		
Color	Opal white with glow effect (other RAL colors on request)		
Marine Salt Protection (MSP)	Yes		
Lumen output	2500 lm to 9500 lm	4000 lm to 20000 lm	7000 lm to 35000 lm
Power consumption	19W to 75W	25W to 180W	50W to 300W
Color temperature	3.000K or 4.000K		
Color Rendering Index (CRI)	>80 (3.000K), >70 (4.000K)		
IK- / IP-rating	IK08 / IP65		
Isolation class	Class II		
Surge protection	6 kV (10 kV on request)		
Life time – LED	100.000 h (L80B10)		
Life time – driver	100.000 h (0,5% failure / 5.000h)		
Weight	6 kg	8 kg	12 kg
Wind area (Scx)	Small = 0,08m^2	Large = 0,12m^2	Mega = 0,18m^2
CLO	Yes		
System Ready (SR)	Yes		
Control options	CityTouch Connect DALI Line Switch DynaDimmer or LumiStep		
Comfort accessories	Back light cover		
Certification:	CE / ENEC+		

Copenhagen2 City	Copenhagen2 City small (BxS761)	Copenhagen2 City large (BxS762)	Copenhagen2 City mega (BxS763)
Material	Housing: Opal PMMA		
	Front glass: Tempered frosted glass		
Color	Opal white with glow effect (other RAL colors on request)		
Marine Salt Protection (MSP)	Yes		
Lumen output	2000 lm to 9000 lm	4000 lm to 12000 lm	7000 lm to 14000 lm
Power consumption	17W to 75W	30W to 105W	60W to 125W
Color temperature	3.000K or 4.000K		
Color Rendering Index (CRI)	>80 (3.000K), >70 (4.000K)		
IK- / IP-rating	IK08 / IP65		
Isolation class	Class II		
Surge protection	6 kV (10 kV on request)		
Life time – LED	100.000 h (L80B10)		
Life time – driver	100.000 h (0,5% failure / 5.000h)		
Weight	6 kg	8 kg	12 kg
Wind area (Scx)	Small = 0,08m^2	Large = 0,12m^2	Mega = 0,18m^2
CLO	Yes		
System Ready (SR)	Yes		
Control options	CityTouch Connect DALI Line Switch DynaDimmer or LumiStep		
Comfort accessories	Back light cover		
Certification:	CE / ENEC+		

PHILIPS