iWay Retrofit kit

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Last information update: March 2025

Product configuration: CF70.15
CF70.15: Optical assembly retrofit kit for iWay round bollard - 3000K - 360° - DALI - 12.4W 1180lm - 3000K - Grey

Product code
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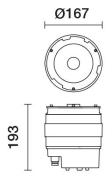
Technical description
Optical assembly retrofit kit for replacing the previous unit in the iWay bollard, designed to use LED lamps with a 360° symmetrical optic. The product consists of an optical assembly with a transparent polycarbonate diffuser screen and a DALI electronic power supply. The LED circuit is monochrome Warm White. The power supply unit can also be programmed with a Midnight profile using DALI or NFC wiring.
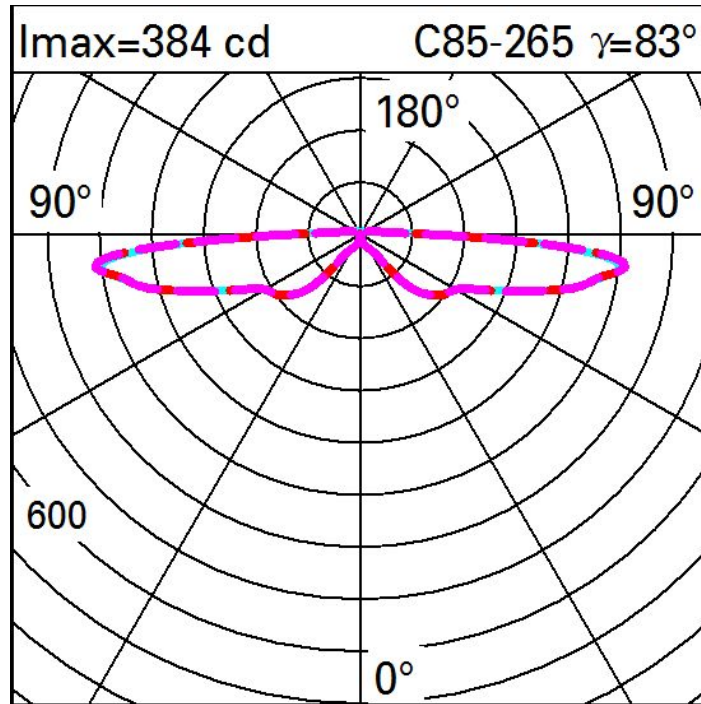
Colour	Weight (Kg)
Grey (15)	2.3

Complies with EN60598-1 and pertinent regulations

IP66   CE   UKCA   ✓03   S   QCERT   PEP eco PASS PORT

Ø167

193

Technical data

lm system:	1180	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W system:	12.4	Lamp code:	LED
lm source:	2000	Number of lamps for optical assembly:	1
W source:	11		
Luminous efficiency (lm/W, real value):	95.2	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	94	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	59	Power factor:	See installation instructions
		Inrush current:	9.2 A / 25 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 27 luminaires
Colour temperature [K]:	3000		B16A: 44 luminaires
MacAdam Step:	3		C10A: 45 luminaires
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		C16A: 74 luminaires
		Minimum dimming %:	5
		Overvoltage protection:	6kV Common mode & 6kV Differential mode
		Control:	DALI-2

Polar

Imax=384 cd   C85-265 γ=83°

180°

90°   90°

600

0°

Isolux

Lux
h=0.19 m.
α=0°

63   8   2   0.8   0.3   0.2   0.1   0.1   0.0

LED
/
12.4 W

-1   0   1   2   3   4   5   6   7   8   9   m