



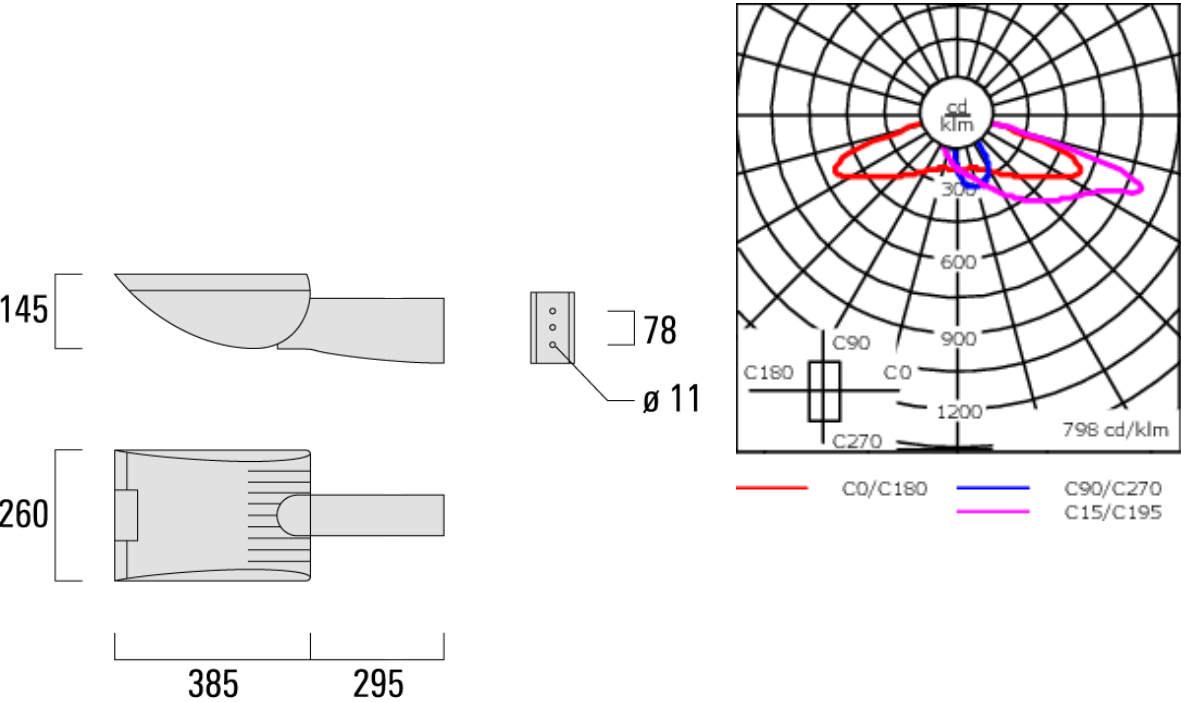
Description

IP66. Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. LED board can be easily removed for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Weight	9.50 kg
Light distribution	pedestrian/bicycle lane [P65]
Light source	LED-18/54W / 1050 mA - 4000 K
CRI	80
Power supply	EC
BUG	B1 U0 G1
LEDs	18
Rated input power	59 W
Nominal Lumen (lm)	
LED Lumen	450
Total Lumen	8100
Tj	85
Rated lumens (lm)	
LED Lumen	349.1
Total Lumen	6283.3
Ta	25



Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
Colours	RAL9004 Signal black RAL9007 Grey aluminium RAL7016 Anthracite grey RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE

Electrical description

Driver / Ballast	Integral EC electronic converter, including 6/6 kV surge protection
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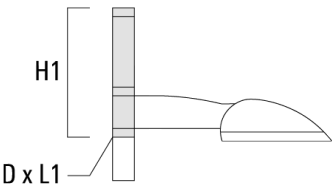
Additional information

BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare
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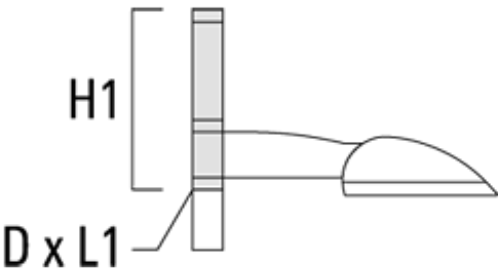
Mounting Accessories

Column fitter - Aluminium

Description	Part ID	D × L1	H1	Weight (kg)	H
EB1-441	658-9330				735

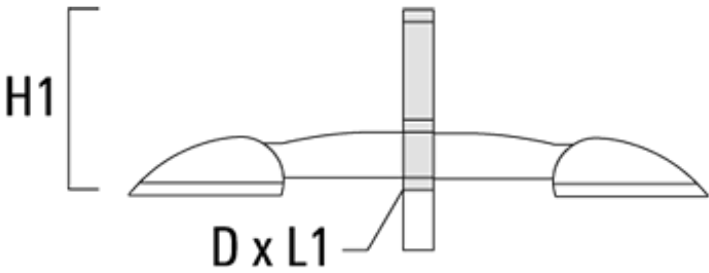


Single column fitter EB1-102	310-9134	(12 x 8) + (76 x 76)	715	10.70	
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FLA441 LED Bracket version

Description	Part ID	D × L1	H1	Weight (kg)	H
Double column fitter EB2-102	310-9135	(12 x 8) + (76 x 76)	715	10.70	



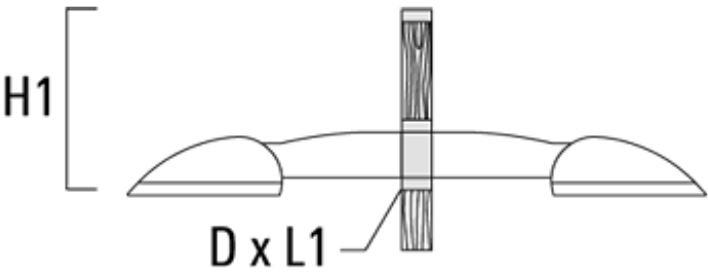
Column fitter - Aluminium/wood

Description	Part ID	D × L1	H1	Weight (kg)
Single column fitter EB1-102 TE	310-9136	(102 x 80) + (76 x 76)	715	10.80



FLA441 LED Bracket version

Description	Part ID	D × L1	H1	Weight (kg)
Double column fitter EB2-102 TE	310-9137	(12 x 8) + (76 x 76)	715	10.80



Control

R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (below)	430-0027