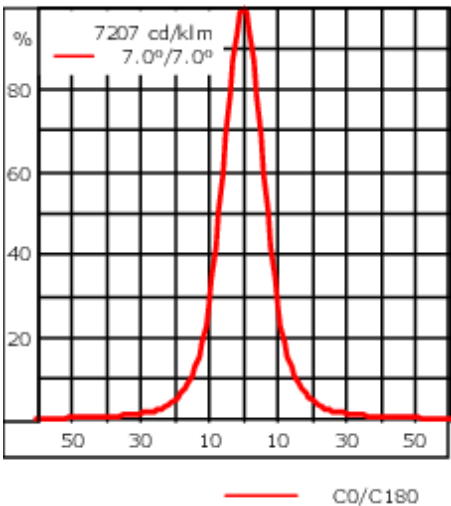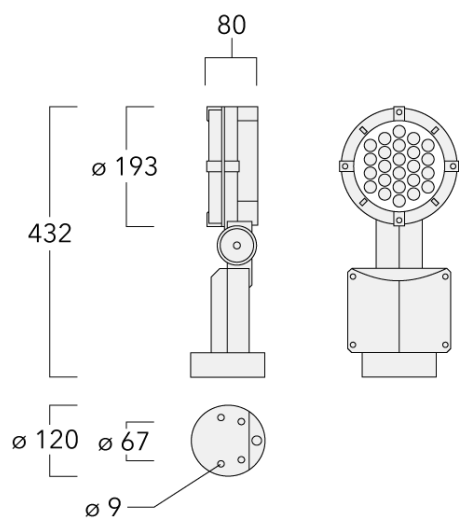## Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory- sealed and does not need to be opened during the installation.

Optional 2200 K version available. To be specified at time of ordering.

Weight	4.40 kg
Light distribution	symmetric, very narrow beam [EE]
Light source	LED-24/48W / 700 mA - 3000 K
CRI	80
Power supply	EC
LEDs	24
Rated input power	54 W
Nominal Lumen (lm)	
LED Lumen	290
Total Lumen	6960
Tj	85
Rated lumens (lm)	
LED Lumen	249.4
Total Lumen	5986.1
Ta	25

7207 cd/klm
7.0°/7.0°

C0/C180

Specifications
Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	

⬛	RAL9004 Signal black
⬛	RAL9006 White aluminium
⬛	RAL9007 Grey aluminium
⬛	RAL7016 Anthracite grey
⬜	RAL9016 Traffic white

Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.057 m²

Electrical description

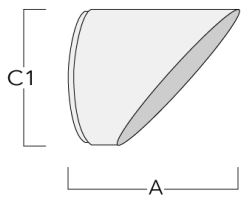|	
Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Surge protection	1/2 kV

Additional information

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	C-D (Light source)

Optical Accessories

Glare shield

Description	Part ID	A	C1
Glare shield ES	146-0229	120	145

Snoot

Description	Part ID	A	C1
Snoot ET	146-0398	120	145

we-ef
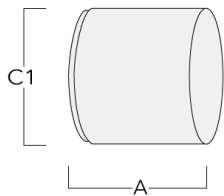
Linear spread lens

Description	Part ID	C1
IO-180-FLC141-LED	146-0439	145

C1
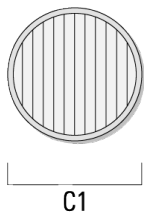
Flood lens

Description	Part ID	C1
IO-360-FLC141-LED	146-0624	145

C1
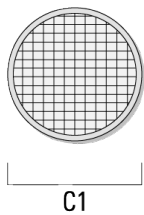
Wallwash lens

Description	Part ID	C1
IO-20-WW-FLC141-LED	146-0646	145

C1
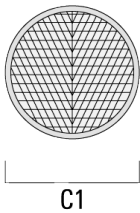
Honeycomb louvre

Description	Part ID	C1
IW-FLC141-LED - [EE][EES]	146-0626	145

C1
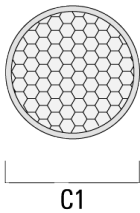
Mounting Accessories

Pipe clamp SP

Description	Part ID	D1	Weight (kg)	D
SP1-2/M8 Pole clamp, single (Ø 76-89)	146-0246	76-89	1.20	76-89

D1
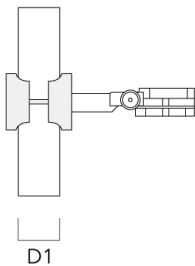
| SP2-2/M8 Pole clamp, double (Ø 38-60) | 146-0247 | 38-60 | 1 | 38-66 |

D1
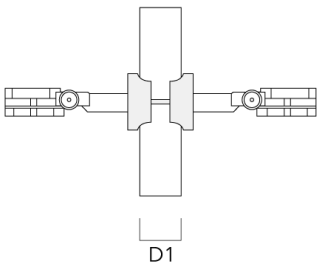
Description	Part ID	D1	Weight (kg)	D
SP2-2/M8 Pole clamp, double (Ø 76-89)	146-0248	76-89	1.20	76-89

D1
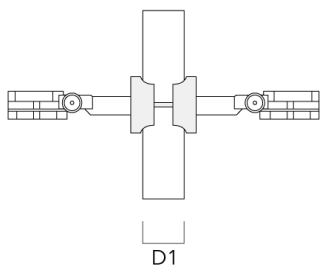
| SP1-2/M8 Pole clamp, single (Ø 38-60) | 146-0245 | 38-60 | 1 | 38-66 |

D1
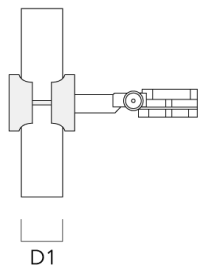
Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (kg)
EM1-2/M8	146-0253	160	130	200	9	1.10
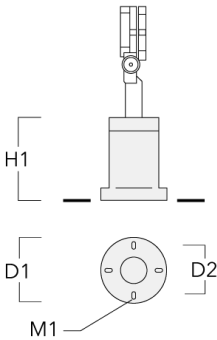
Ground spike EF

Description	Part ID	H1	Weight (kg)
Ground spike EF1-2/M8	146-0251	270	0.40
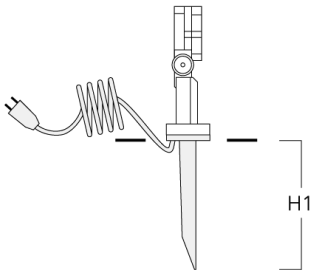
Planted root

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (kg)
Planted root ESV4	300-0461	145	130	102	108	400	350	8	7.85
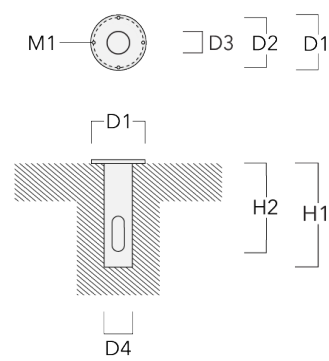
Junction box JB1

Description	Part ID	D1	D2	M1	Weight (kg)
JB1 Junction box	310-9000	135	67	9	1.6