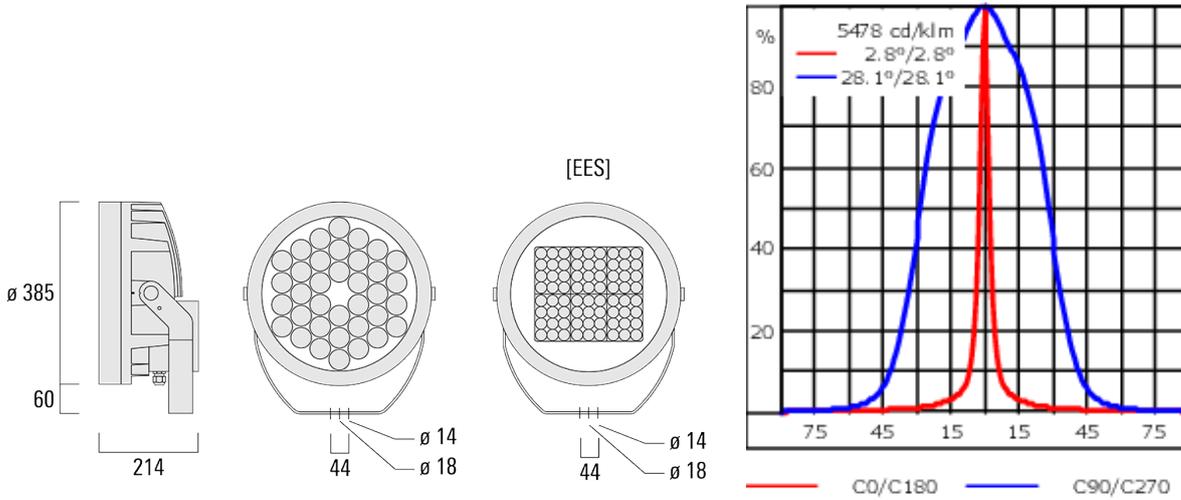## Description

RGBW/RGBA Colour Changer. RGBW (white in 4000 K, 3000 K available on request) and RGBA. IP66. Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG_R_ Controlled Compression Gasket. Two cable glands.

Integral EC electronic converter in thermally separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC_R_ One LED Concept. LED circuit board with WE-EF Colour Boost Technology.

DMX Interface. For other control interface options to suit specific project requirements, contact WE-EF.

Weight	18.00 kg
Light distribution	linear spread, very narrow beam, sharp cut-off [EES]
Light source	LED-4x18/126W - RGBW/4K
CRI	20/80
Power supply	EC
LEDs	18
Rated input power	131 W
Nominal Lumen (lm)	
LED Lumen	495
Total Lumen	8910
Tj	85
Rated lumens (lm)	
LED Lumen	416.7
Total Lumen	7500.9
Ta	25

Specifications
Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	■ RAL9004 Signal black
	■ 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	0.116 m²

Electrical description

Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Power factor	> 0.9

Additional information

Lifetime	Ta=25° L90B10 > 90000h

Optical Accessories

Flood lens

Description	Part ID	C1
Flood lens IO-360	139-1862	332
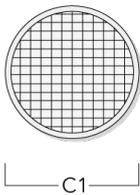
Honeycomb louvre

Description	Part ID	C1	H1
Honeycomb louvre IW	139-1863	324	
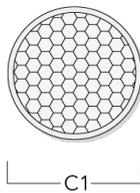
Description	Part ID	C1	H1
Honeycomb louvre IW for EES	139-2434	232	209
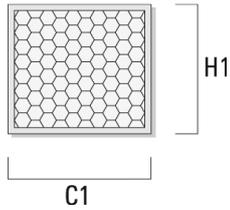
Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	139-1861	332
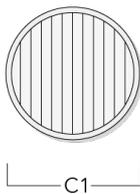
Wallwash lens

Description	Part ID	C1
Wallwash lens IO-20	139-1860-AP	332
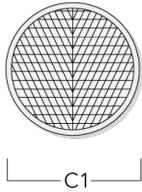
Snoot

Description	Part ID	A	C1
Snoot ET	139-1865	222	393
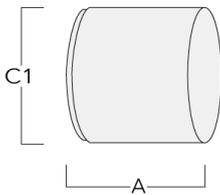
Glare shield

Description	Part ID	A	C1
Glare shield ES	139-1864	222	393
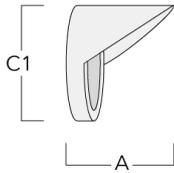
Mounting Accessories

Planted root

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85
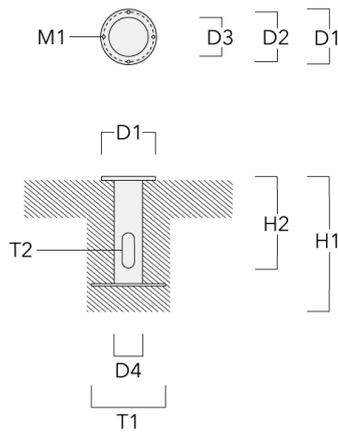
Spigot cap

Description	Part ID	D1	Weight (kg)
Spigot Cap KF1-M16 (ø 60 x 100)	310-9120	60 x 100	1.40
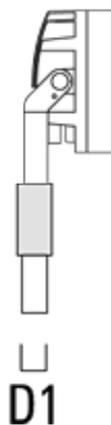
Description	Part ID	D1	Weight (kg)
Spigot Cap KF1-M16 (ø 76 x 100)	310-9121	76 x 100	2.2
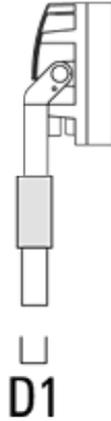
Pole clamp SP - Tiltable

Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-M16, single (Ø 76-89)	146-0242	76-89	1.30	76-89
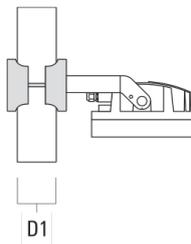
Description	Part ID	D1	Weight (kg)	D
Pole clamp SP2-M16, double (Ø 76-89)	146-0244	76-89	1.50	
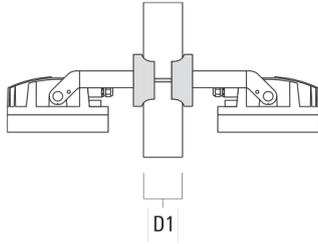
Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-M16, single (Ø 38-60)	146-0241	38-60	1.30	
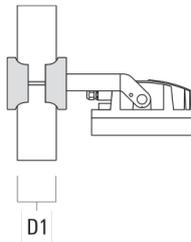
Description	Part ID	D1	Weight (kg)	D
Pole clamp SP2-M16, double (Ø 38-60)	146-0243	38-60	1.50	

Junction box

Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Cable side entries	310-9017	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	180	143	51	1.02

M16
M12 — M12
A
B
C1

Side entries
(Cable gland)
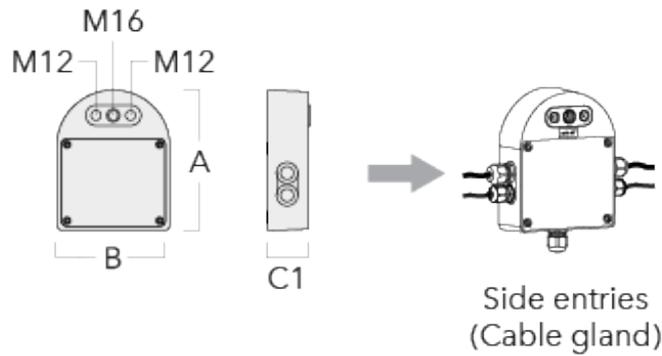
| Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Conduit side entries	310-9015	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	180	143	51	1.02
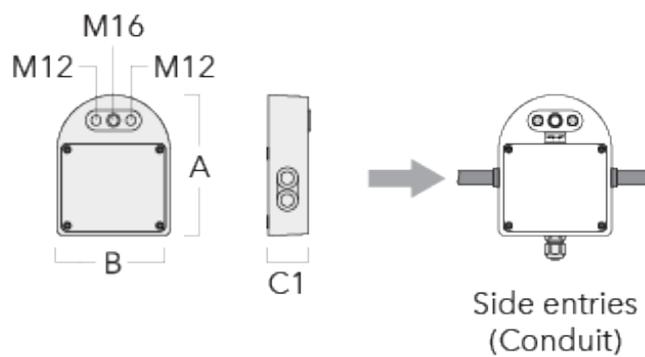
M16
M12 — M12
A
B
C1

Side entries
(Conduit)

| Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Wall entries	310-9019	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For wall entries.	180	143	51	1.02

M16
M12   M12

A

B

C1

Wall entries
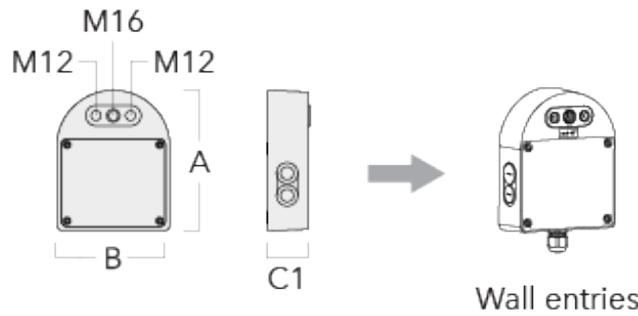
Pole clamp PC - Rotatable

Description	Part ID	D1	Weight (kg)
PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00

D1
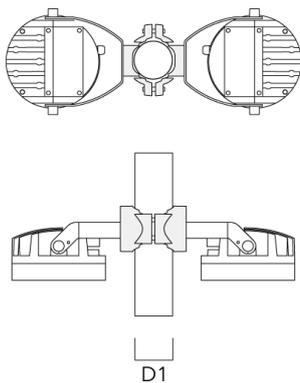
Description	Part ID	D1	Weight (kg)
PC1 76-89/60 Pole clamp, single (Ø 76-89)	139-2702	76-89	1.00
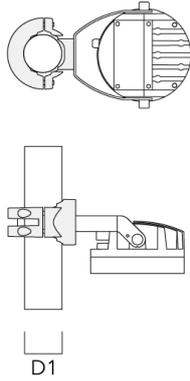
Description	Part ID	D1	Weight (kg)
PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20
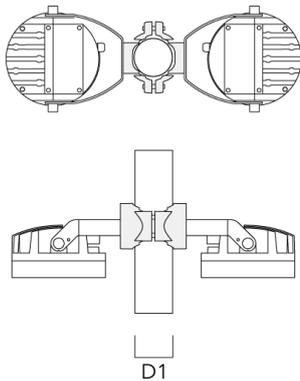
Description	Part ID	D1	Weight (kg)
PC1 102-114/60 Pole clamp, single (Ø 102-114)	139-2706	102-114	1.20
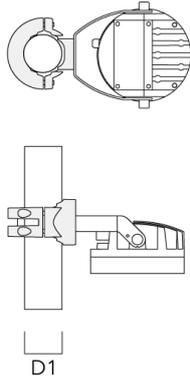
Description	Part ID	D1	Weight (kg)
PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40
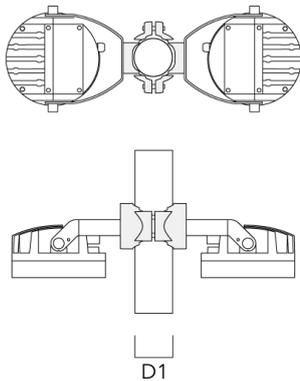
Description	Part ID	D1	Weight (kg)
PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40

D1
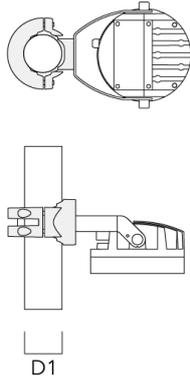
| PC2 82-109/60 Pole camp, double (Ø 82-109) | 139-2705 | 82-109 | 1.10 |

D1
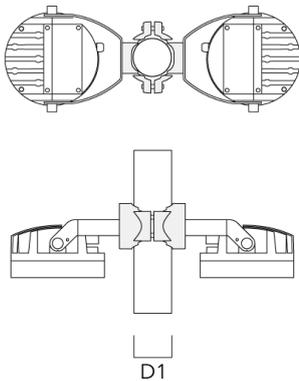
Description	Part ID	D1	Weight (kg)
PC1 82-109/60 Pole camp, single (Ø 82-109)	139-2704	82-109	1.10

D1
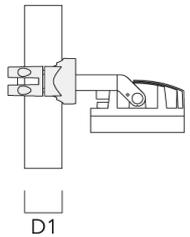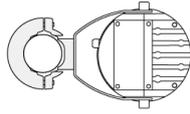
Control

DMX Controller

Description	Part ID
DMX Controller	400-0469

DMX Controller (smart)

Description	Part ID	Additional information
DMX Controller (smart)	400-0470	IP20. The Touch Panel is an untutive abd easy-to use keypad or one DMX universe. It can store up to 36 scences; alternatively, via ....

DMX Booster Box

Description	Part ID
DMX Booster Box	400-0474

DMX Motion Sensor

Description	Part ID
DMX Motion Sensor	400-0478

DMX Termination Plug

Description	Part ID
DMX Termination Plug	400-0475

DMX Plug and Socket

Description	Part ID
DMX Plug and Socket	400-0479

DMX Combination Cable

Description	Part ID
DMX Combination Cable	400-0480

DMX Wireless Repeater

Description	Part ID
DMX Wireless Repeater	400-0477

DMX Wireless Transceiver

Description	Part ID
DMX Wireless Transceiver	400-0476

DMX Wireless Antenna

Description	Part ID
Antenna RF5dB	430-0036
Antenna RF1.8dB	430-0018