FLC230 LED COLOR CHANGER

Floodlights

we-ef

ø 10.24"

2.56"

7.41"

[EES]

1.73" ø 0.55"
ø 0.71"

1.73" ø 0.55"
ø 0.71"

Description

RGBW/RGBA Color Changer.

IP66. Class I. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Two cable glands; one for power, one for DMX. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. DMX interface.

Color Boost technology: With Color Boost the targeted and selective control of individual channels or colors means that a higher power of the LEDs can be accessed than in total when all colors are simultaneously operated. The light output is thus maximized by targeted control of individual channels/colors.

For the M20 cable gland for network- and DMX-connection, WE-EF recommends a multi-core cable for DMX and power, "Power PUR-SR 3x1.5 + DMX".

Specify product with 7 Digit product code – Finish Color. Accessories, such as mounting, optical, and electrical, must

be specified separately.
Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)

Specifications
Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	☐ RAL9004 Black
	☐ RAL9007 Grey Metallic
	☐ RAL9016 White
	☐ RAL8019 Dark Bronze
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE superior corrosion protection system
Windage	0.684

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V.
Driver / Ballast	Integral EC electronic converter with DMX Interface
Power factor	> 0.9
Surge protection	Integral 10kV Surge Protector

Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3G Vibration Rating for Bridge and Overpass Applications.

Options

Light distribution	Color temperature	Nominal Watt

Light distribution

symmetric, wide beam [W]

symmetric, medium beam [M]

symmetric, very narrow beam, 'sharp cut-off' [VNS]

linear spread, narrow beam [N]

wallwash

symmetric, narrow beam [N]

linear spread, very narrow beam, 'sharp cut-off'

Color temperature

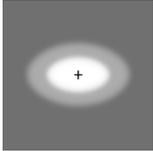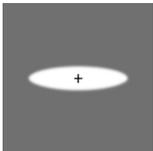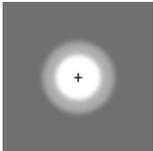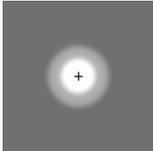RGBW/4K

RGBA

Nominal Watt

0 W

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, narrow beam [N]	139-1914+139-1849	LED-12/48W - RGBW/4K	3244.5	49 W	80	16.76
	139-2138+139-1849	LED-12/48W - RGBA	2907.4	49 W		16.76
linear spread, very narrow beam, 'sharp cut-off'	139-2420+139-1849	LED-4x6/42W - RGBW/4K	2500.3	44 W	20/80	17.00
	139-2422+139-1849	LED-4x6/42W - RGBA	2475	44 W	20	17.00
symmetric, medium beam [M]	139-1913	LED-12/48W - RGBW/4K	3629.1	49 W	80	16.76
	139-2139	LED-12/48W - RGBA	3252.1	49 W		16.76
symmetric, narrow beam [N]	139-1914	LED-12/48W - RGBW/4K	3559.8	49 W	80	16.76
	139-2138	LED-12/48W - RGBA	3189.9	49 W		16.76
symmetric, very narrow beam, 'sharp cut-off' [VNS]	139-2420	LED-4x6/42W - RGBW/4K	2573.3	44 W	20/80	17.00
	139-2422	LED-4x6/42W - RGBA	2547.3	44 W	20	17.00
symmetric, wide beam [W]	139-1929	LED-12/48W - RGBW/4K	3377.9	49 W	80	16.76
	139-2137	LED-12/48W - RGBA	3026.9	49 W		16.76
wallwash	139-1913+139-1848	LED-12/48W - RGBW/4K	2943.1	49 W	80	16.76
	139-2139+139-1848	LED-12/48W - RGBA	2637.3	49 W		16.76
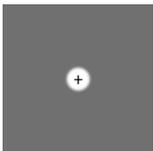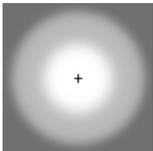
we-ef

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)

we-ef

Mounting Accessories

Floodlight mounting bracket TA

Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA1 Mounting bracket, single (Ø 4.25 x 8)	147-0096		5.12	4.25 x 8	4.25	16.53	108 x 200

D x L1

C1
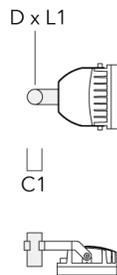
| TA2 Mounting bracket, double (Ø 4.25 x 8) | 147-0097 | | 5.12 | 4.25 x 8 | 4.25 | 16.53 | 108 x 200 |

D x L1

C1

Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA2-L Mounting bracket, double (Ø 4.25 x 8)	147-0148	±90º	16.54	4.25 x 8	4.25	44.53	108 x 200

D x L1

C1 C1
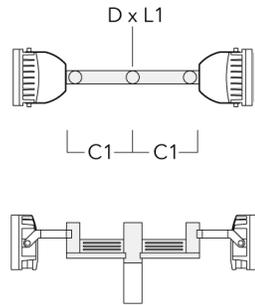
| TA2-L Mounting bracket, double (Ø 3 x 8) | 147-0105 | ±90º | 16.54 | 3 x 8 | 2.99 | 35.49 | 76 x 200 |

D x L1

C1 C1

Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA3 Mounting bracket, triple (Ø 3.50 x 8)	147-0025	±90°	25.59	3.50 x 8	3.5	39.46	89 x 200
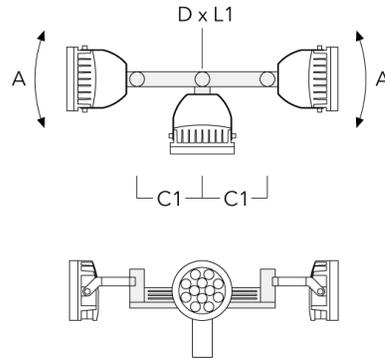
Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8		53.35 lbs	108 x 200
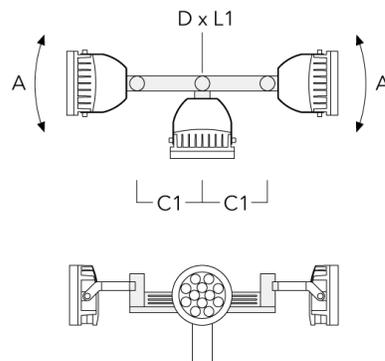
Floodlights

Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA4 Mounting bracket, quad (Ø 3.50 x 8)	147-0099	±90º	25.59	3.50 x 8		45.86 lbs	89 x 200
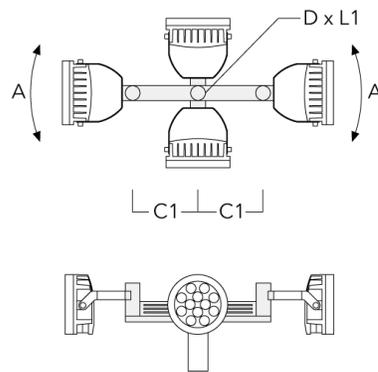
Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA4 Mounting bracket, quad (Ø 4.25 x 8)	147-0100	±90º	25.59	4.25 x 8		53.00	108 x 200

we-ef

Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA2 Mounting bracket, double (Ø 3 x 8)	147-0024		5.12	3 x 8	2.99	4.2 lbs	76 x 200

D x L1

C1
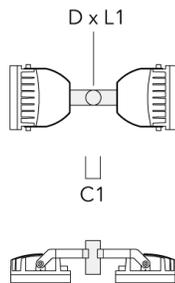
| TA1 Mounting bracket, single (Ø 3 x 8) | 147-0023 | | 5.12 | 3 x 8 | 2.99 | 4.19 | 76 x 200 |

D x L1

C1
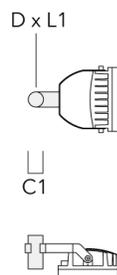
Pole clamp TS

Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.50	3.53	102-114

D1
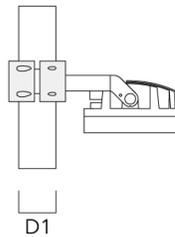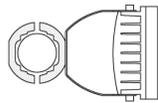
Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	114-133	3.75	114-133

D1

Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 3"-3.5")	147-0543	3.0-3.50	3.31	76-89

D1
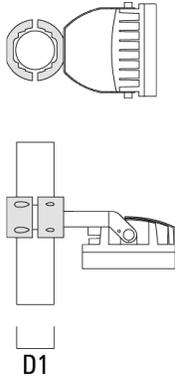
Description	Part ID	D1	Weight (lb)	D
TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89

D1

we-ef

Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133

D1
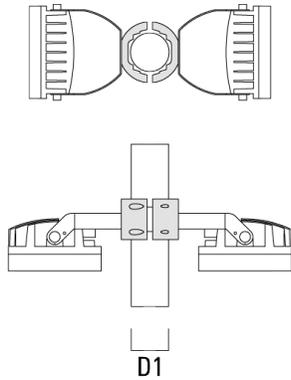
Planted root

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (lb)
Planted root ESV4	300-0461	5.71	5.12	4.01	4.25	15.75	13.78	.31	15.54

M1 — D3 D2 D1

D1

H2 H1

D4
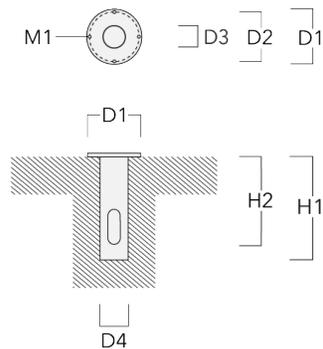
Pole top caps KF

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-60/M16 Spigot Cap (Ø 2.36")	310-9120	2.36	2.36 x 4	4.4 lbs	60 x 100

D1
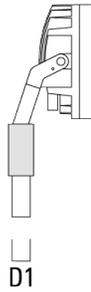
KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100

D1

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89

D1
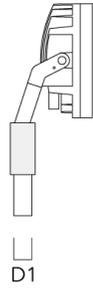
KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108

D1
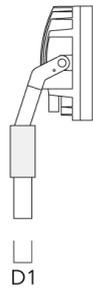
Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-M16 AL	270-0001	6.3"	5.12"	8"	0.35"	4.85 lbs

H1

D1   D2

M1
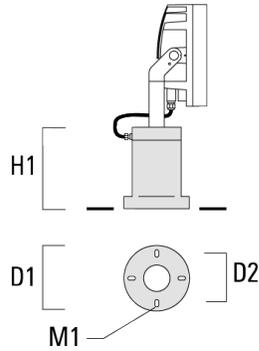
Surface Mount Canopy SMC

Description	Part ID	D1	D2	Weight (lb)
SMC-200	147-6915	10.83	9.25	15.4 lbs

D2   D1

ø 0.50"

we-ef
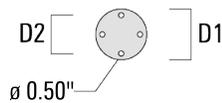
Pole clamp PC

Description	Part ID	D1	Weight (lb)
PC2 76-89/60 Pole clamp, double (Ø 3"-3.5")	139-2703	3.0-3.50	2.20

D1
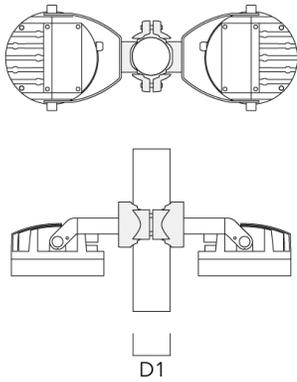
PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20

D1
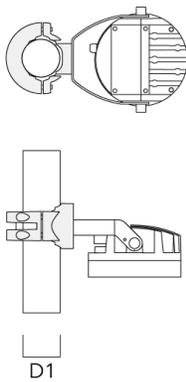
Description	Part ID	D1	Weight (lb)
PC2 102-114/60 Pole clamp, double (Ø 4"-4.5")	139-2707	4.0-4.50	2.65

D1
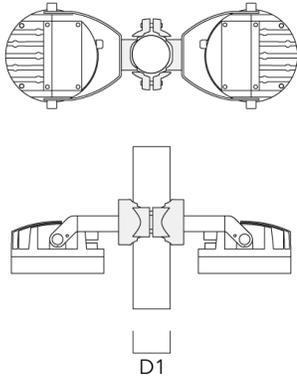
Description	Part ID	D1	Weight (lb)
PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65

D1
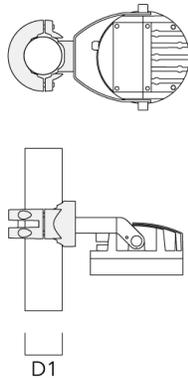
Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10

D1
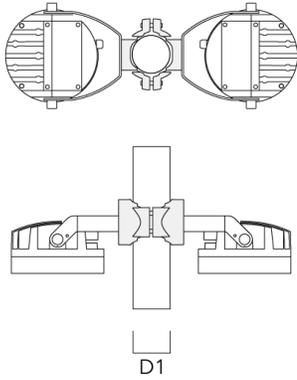
Description	Part ID	D1	Weight (lb)
PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10

D1
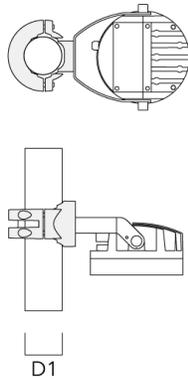
Description	Part ID	D1	Weight (lb)
PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25")	139-2705	3.20-4.30	2.40

D1
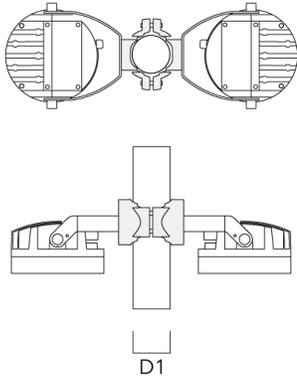
Description	Part ID	D1	Weight (lb)
PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3")	139-2704	3.20-4.30	2.40

D1
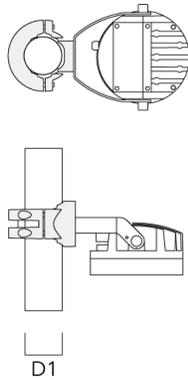
Optical Accessories

Glare shield

Description	Part ID	A	C1
ES-FLC230-LED	139-1852	6.26	10.47
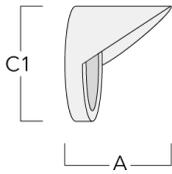
ES-FLC230-CC-LED	139-6970	6.29	10.47
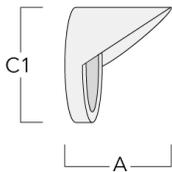
Snoot

Description	Part ID	A	C1
ET-FLC230-LED	139-1853	6.3	10.47
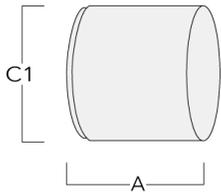
ET-FLC230-CC-LED	139-6974	6.29	10.47
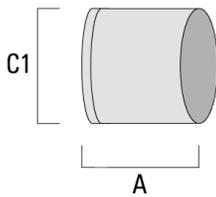
Linear spread lens

Description	Part ID	C1
IO-180-FLC230-LED	139-1849	7.80

C1
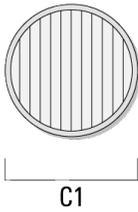
Softening Lens

Description	Part ID	C1
IO-360-FLC230-LED	139-1850	7.80

C1

we-ef
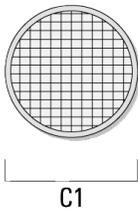
Wallwash lens

Description	Part ID	C1
IO-20-FLC230-LED	139-1848	7.83

C1
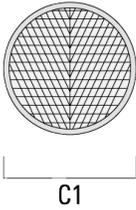
Control

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 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