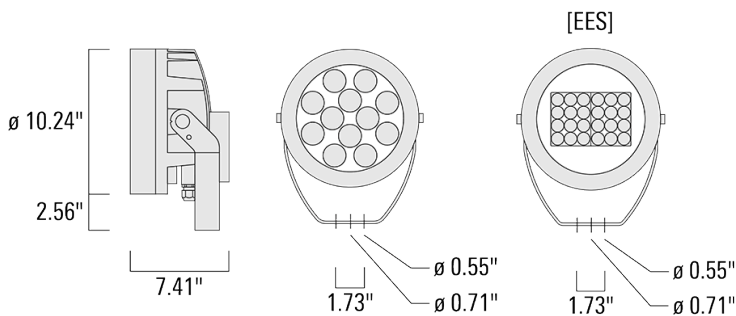


# FLC230 LED COLOR CHANGER

## Floodlights

**we-ef**



### 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

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# FLC230 LED COLOR CHANGER

**we-ef**

## Floodlights

be specified separately.

Example: XXX-XXXX-9004 (Black)

+ XXX-XXXX (Accessory 1)

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## Floodlights

### Specifications

#### Material description

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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

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#### Electrical description

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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

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#### Additional information

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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.

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# FLC230 LED COLOR CHANGER

## Floodlights

### Options

#### 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

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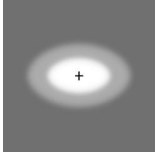
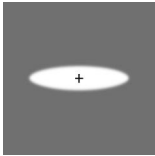
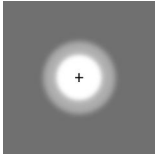
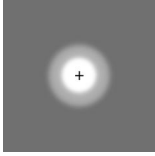
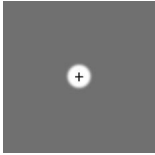
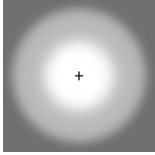
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# FLC230 LED COLOR CHANGER

## Floodlights

### 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	2865.3	50 W	80	16.76
	139-2138+139-1849	LED-12/48W - RGBA	2317.5	50 W		16.76
linear spread, very narrow beam, 'sharp cut-off' 	139-2420+139-1849	LED-4x6/42W - RGBW/4K	2121.5	49 W	20/80	17.00
	139-2422+139-1849	LED-4x6/42W - RGBA	1894.2	49 W	20	17.00
symmetric, medium beam [M] 	139-1913	LED-12/48W - RGBW/4K	3205	50 W	80	16.76
	139-2139	LED-12/48W - RGBA	2592.2	50 W		16.76
symmetric, narrow beam [N] 	139-1914	LED-12/48W - RGBW/4K	3143.7	50 W	80	16.76
	139-2138	LED-12/48W - RGBA	2542.7	50 W		16.76
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	139-2420	LED-4x6/42W - RGBW/4K	2183.4	49 W	20/80	17.00
	139-2422	LED-4x6/42W - RGBA	1949.5	49 W	20	17.00
symmetric, wide beam [W] 	139-1929	LED-12/48W - RGBW/4K	2983	50 W	80	16.76
	139-2137	LED-12/48W - RGBA	2412.8	50 W		16.76
wallwash	139-1913+139-1848	LED-12/48W - RGBW/4K	2599.1	50 W	80	16.76
	139-2139+139-1848	LED-12/48W - RGBA	2102.2	50 W		16.76

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# FLC230 LED COLOR CHANGER



## Floodlights

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

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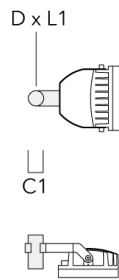
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## Floodlights

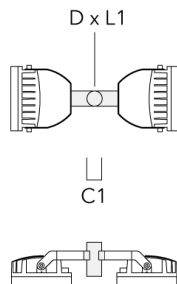
### Mounting Accessories

#### 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



TA2 Mounting bracket, double (Ø 4.25 x 8)	147-0097		5.12	4.25 x 8	4.25	16.53	108 x 200
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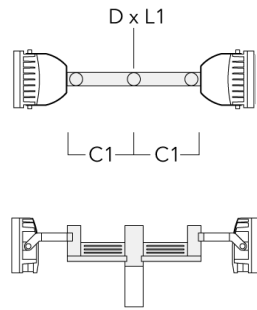
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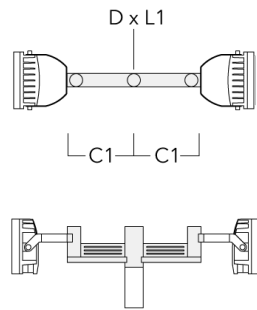
# FLC230 LED COLOR CHANGER

## Floodlights

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



TA2-L Mounting bracket, double (Ø 3 x 8)	147-0105	±90°	16.54	3 x 8	2.99	35.49	76 x 200
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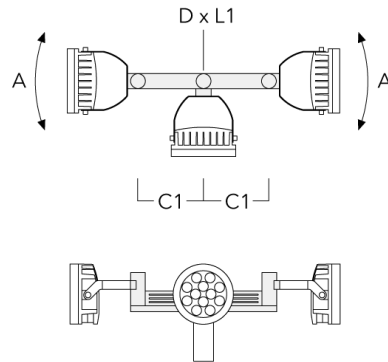
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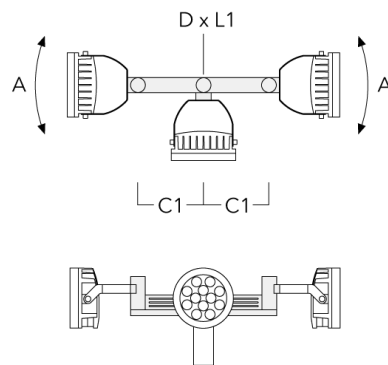
# FLC230 LED COLOR CHANGER

## Floodlights

Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x 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



TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8		53.35 lbs	108 x 200
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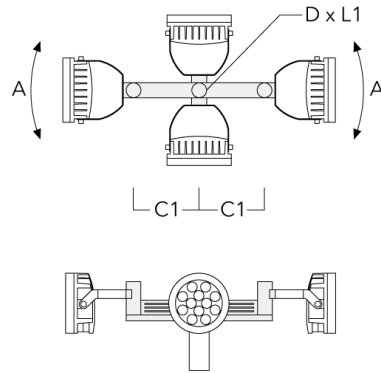
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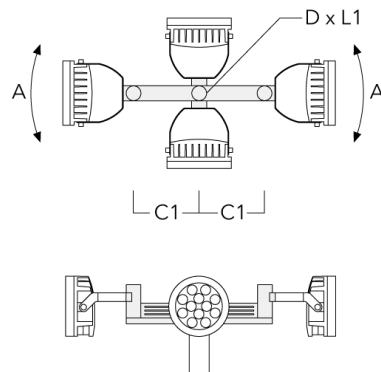
# FLC230 LED COLOR CHANGER

## Floodlights

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



TA4 Mounting bracket, quad (Ø 4.25 x 8)	147-0100	±90°	25.59	4.25 x 8		53.00	108 x 200
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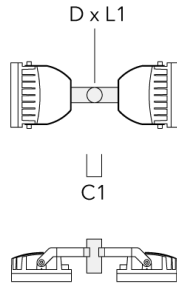
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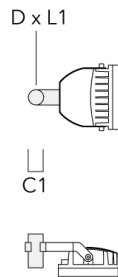
# FLC230 LED COLOR CHANGER

## Floodlights

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



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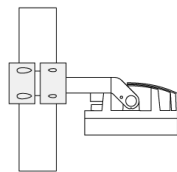
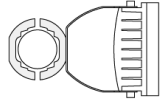
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## Floodlights

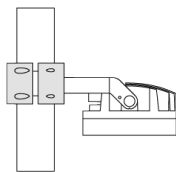
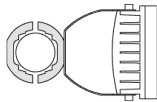
### Pole clamp TS

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

TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	114-133	3.75	114-133
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D1

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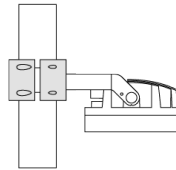
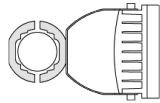
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# FLC230 LED COLOR CHANGER

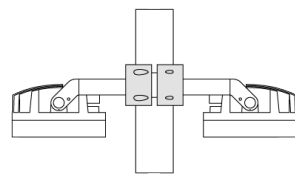
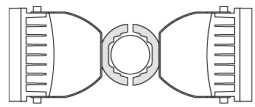
## Floodlights

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

TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89
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D1

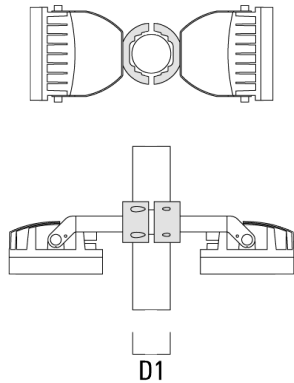
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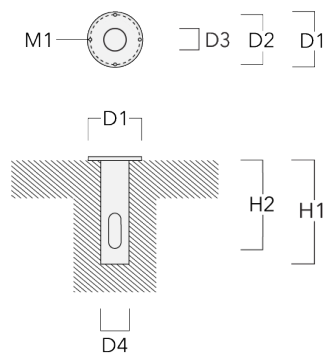
## Floodlights

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



## 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



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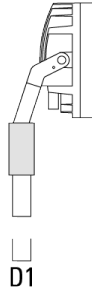
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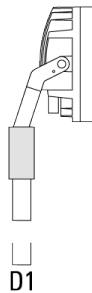
## Floodlights

### 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



KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100
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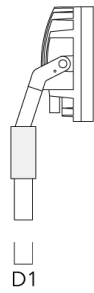
# FLC230 LED COLOR CHANGER

## Floodlights

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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

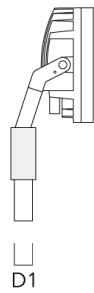
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KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108
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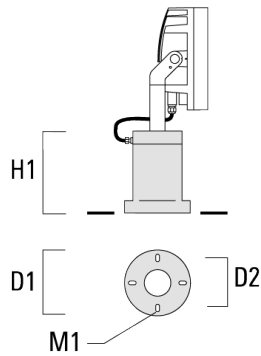


# FLC230 LED COLOR CHANGER

## Floodlights

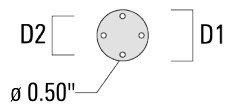
### Short post EM

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



### Surface Mount Canopy SMC

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



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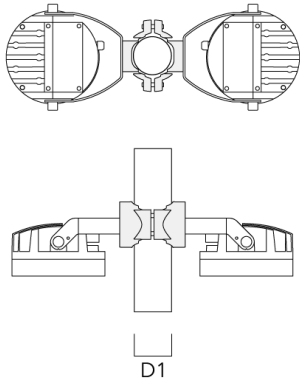
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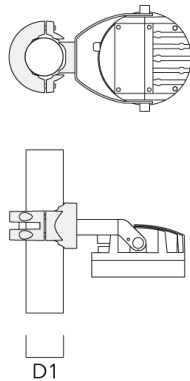
## Floodlights

### 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



PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20
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# FLC230 LED COLOR CHANGER

## Floodlights

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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

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PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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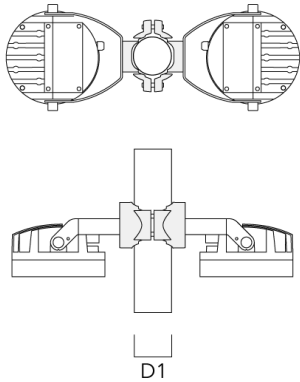
# FLC230 LED COLOR CHANGER

## Floodlights

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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

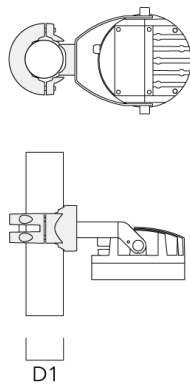
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PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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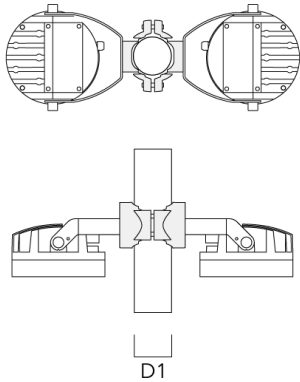
# FLC230 LED COLOR CHANGER

## Floodlights

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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

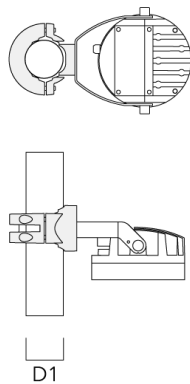
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PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3")	139-2704	3.20-4.30	2.40
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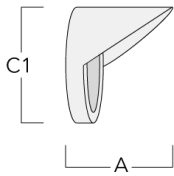
### Optical Accessories

#### Glare shield

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Description	Part ID	A	C1
ES-FLC230-LED	139-1852	6.26	10.47

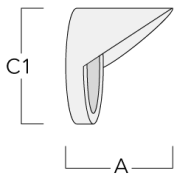
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ES-FLC230-CC-LED	139-6970	6.29	10.47
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# FLC230 LED COLOR CHANGER

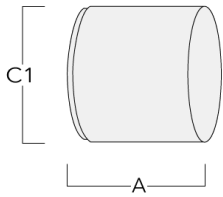
## Floodlights

### Snoot

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Description	Part ID	A	C1
ET-FLC230-LED	139-1853	6.3	10.47

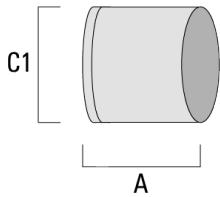
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ET-FLC230-CC-LED	139-6974	6.29	10.47
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# FLC230 LED COLOR CHANGER

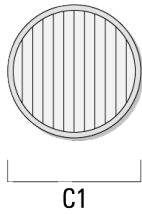
## Floodlights

### Linear spread lens

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

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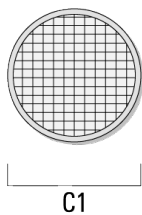
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### Softening Lens

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

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# FLC230 LED COLOR CHANGER

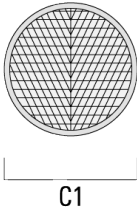
## Floodlights

### Wallwash lens

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Description	Part ID	C1
10-20-FLC230-LED	139-1848	7.83

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# FLC230 LED COLOR CHANGER

## Floodlights

### Control

#### DMX Controller

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Description	Part ID
DMX Controller	400-0469

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#### DMX Controller (smart)

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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 ....

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# FLC230 LED COLOR CHANGER

## Floodlights

### DMX Controller - RDM ready

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Description	Part ID
DMX Controller - RDM ready	400-0471

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### DMX Splitter

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Description	Part ID
DMX Splitter	400-0473

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## Floodlights

### DMX Booster Box

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Description	Part ID
DMX Booster Box	400-0474

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### DMX Termination Plug

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Description	Part ID
DMX Termination Plug	400-0475

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## Floodlights

### DMX Plug and Socket

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Description	Part ID
DMX Plug and Socket	400-0479

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### DMX Combination Cable

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Description	Part ID
DMX Combination Cable	400-0480

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## Floodlights

### DMX Wireless Repeater

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Description	Part ID
DMX Wireless Repeater	400-0477

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### DMX Wireless Transceiver

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Description	Part ID
DMX Wireless Transceiver	400-0476

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# FLC230 LED COLOR CHANGER

## Floodlights

### DMX Controller (smart) - RDM ready

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Description	Part ID
DMX Controller (smart) - RDM ready	400-0472

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