

# FLC240 LED COLOR CHANGER

## Floodlights

**we-ef**



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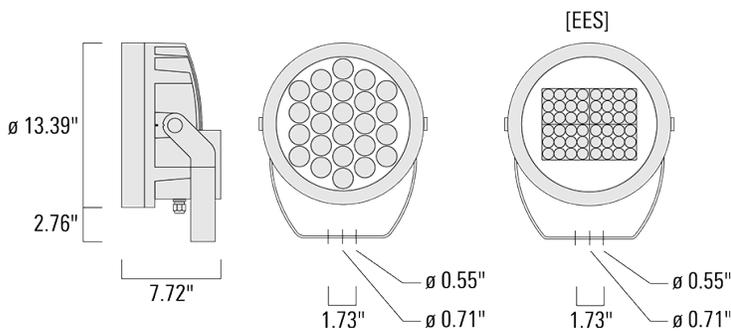
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# FLC240 LED COLOR CHANGER

## Floodlights

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### Description

RGBW/RGBA Color Changer.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland, second gland for through wiring on request. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. DMX interface.

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)

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### 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
Windage	1.176

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#### Electrical description

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Power supply	Integral [ECG] electronic driver 120V-277V.
Driver / Ballast	DMX
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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### Options

#### Light distribution



symmetric, medium beam [M]



symmetric, narrow beam [N]



symmetric, wide beam [W]



linear spread, narrow beam [N]



wallwash



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



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

#### Color temperature

RGBW/4K

RGBA

#### Nominal Watt

0 W

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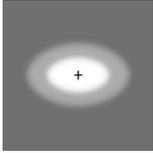
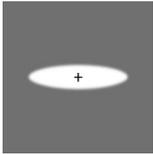
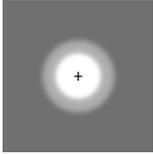
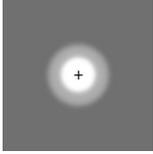
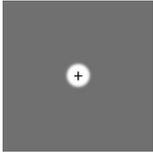
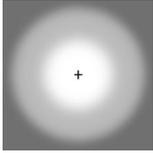
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### Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, narrow beam [N] 	139-1879+139-1855	LED-24/96W - RGBW/4K	5730.6	100 W	80	30.40
	139-2141+139-1855	LED-24/96W - RGBA	4635	100 W		30.40
linear spread, very narrow beam, 'sharp cut-off' 	139-2424+139-1855	LED-4x12/84W - RGBW/4K	4242.9	94 W	20/80	30.40
	139-2426+139-1855	LED-4x12/84W - RGBA	3788.3	94 W	20	30.40
symmetric, medium beam [M] 	139-1877	LED-24/96W - RGBW/4K	6409.9	100 W	80	30.40
	139-2142	LED-24/96W - RGBA	5184.5	100 W		30.40
symmetric, narrow beam [N] 	139-1879	LED-24/96W - RGBW/4K	6287.4	100 W	80	30.40
	139-2141	LED-24/96W - RGBA	5085.4	100 W		30.40
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	139-2424	LED-4x12/84W - RGBW/4K	4366.8	94 W	20/80	30.40
	139-2426	LED-4x12/84W - RGBA	3898.9	94 W	20	30.40
symmetric, wide beam [W] 	139-1931	LED-24/96W - RGBW/4K	5966.1	100 W	80	30.40
	139-2140	LED-24/96W - RGBA	4825.5	100 W		30.40
wallwash	139-1877+139-1854	LED-24/96W - RGBW/4K	5198.2	100 W	80	30.40
	139-2142+139-1854	LED-24/96W - RGBA	4204.4	100 W		30.40

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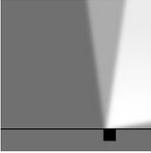
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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
						

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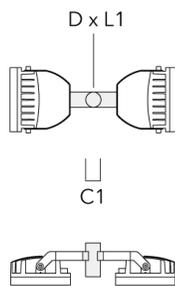
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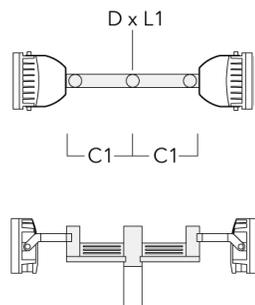
### Mounting Accessories

#### Floodlight mounting bracket TA

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



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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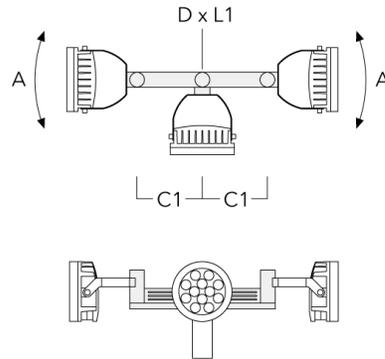
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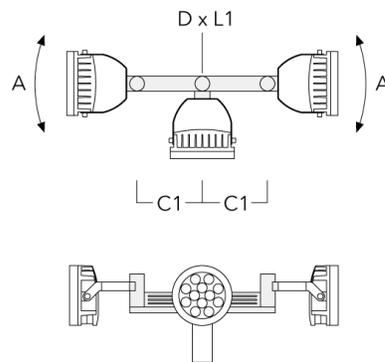
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## Floodlights

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



TA4 Mounting bracket, quad (Ø 3.50 x 8)	147-0099	±90°	25.59	3.50 x 8		45.86 lbs	89 x 200
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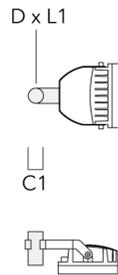
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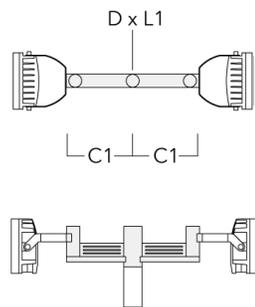
# FLC240 LED COLOR CHANGER

## Floodlights

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-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
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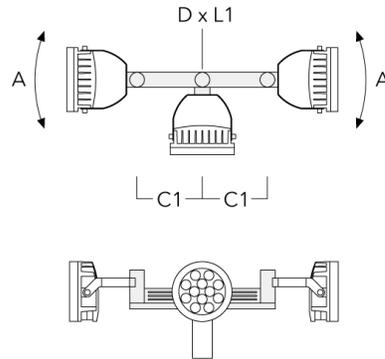
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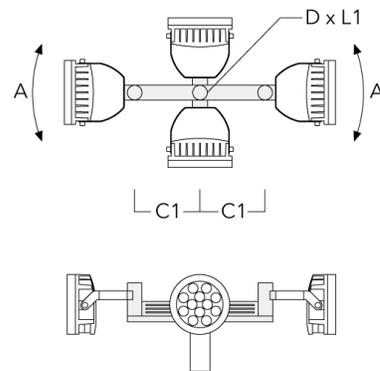
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## Floodlights

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



TA4 Mounting bracket, quad (Ø 4.25 x 8)	147-0100	±90°	650	4.25 x 8		53.00	108 x 200
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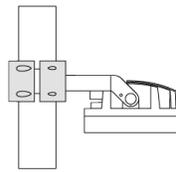
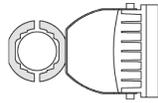
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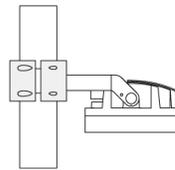
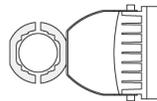
### Pole clamp TS

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

TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.5	3.53	102-114
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D1

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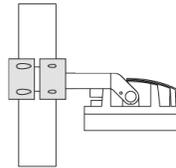
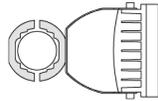
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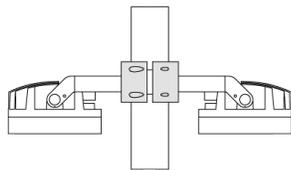
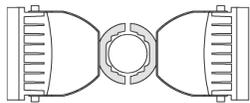
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Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	4.5"-5.25"	3.75	114-133



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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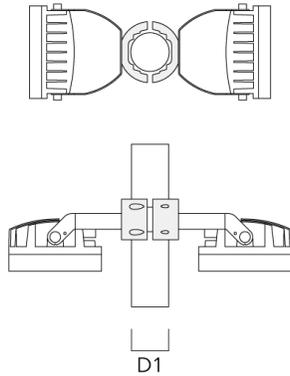
# FLC240 LED COLOR CHANGER

## Floodlights

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Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5")	147-0527	4.0-4.50	3.31	102-114

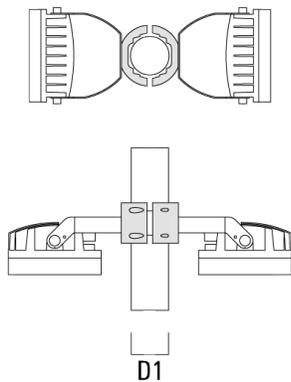
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TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133
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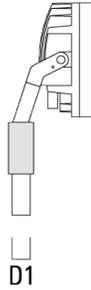
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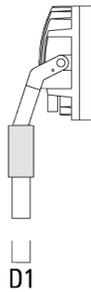
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### Pole top caps KF

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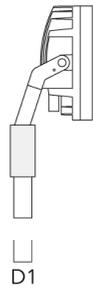
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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89

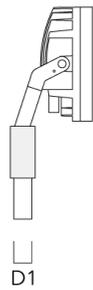
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KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108
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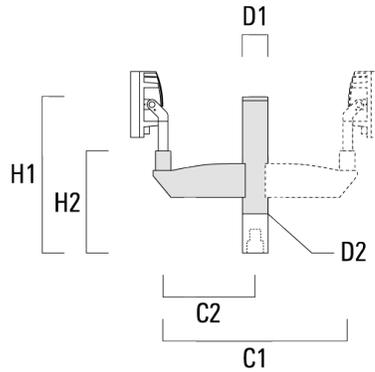
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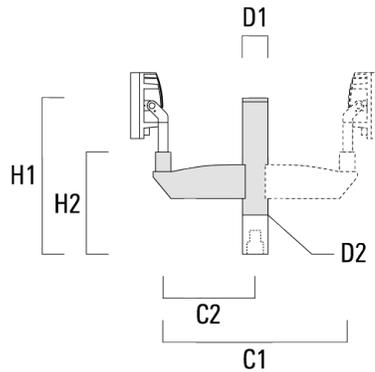
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### Pole Mount Brackets PMB

Description	Part ID	C1	C2	D1	D2	H1	H2	Weight (lb)
PMB200-1 Pole mount bracket	147-6017	39.67	20.09	6.0	3 x 3 + 4 x 3	28.94	15.89	37.8 lbs



PMB200-2 Pole mount bracket	147-6018	39.67	20.09	6.0	3 x 3 + 4 x 3	28.94	15.89	57.0 lbs
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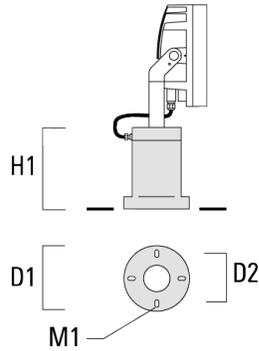
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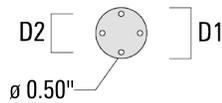
### Short post EM

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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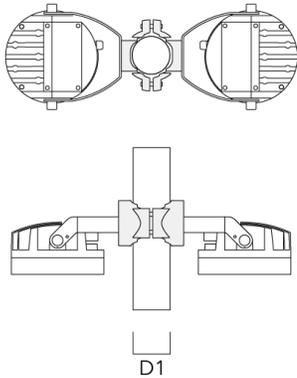
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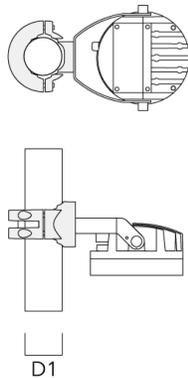
## Floodlights

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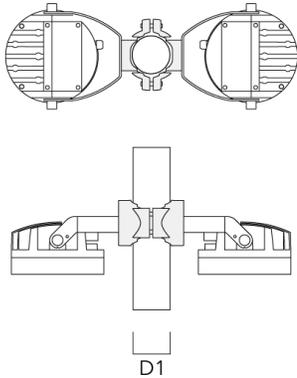
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Description	Part ID	D1	Weight (lb)
PC2 102-114/60 Pole clamp, double (Ø 4"-4.5")	139-2707	4.0-4.50	2.65

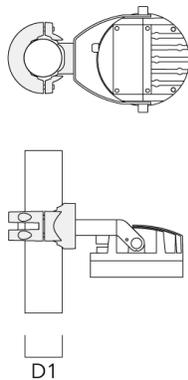
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PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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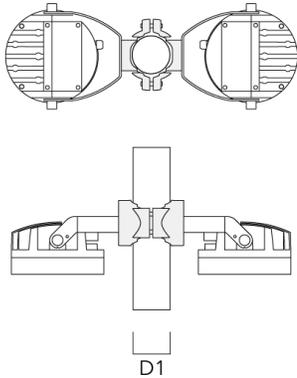
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Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10

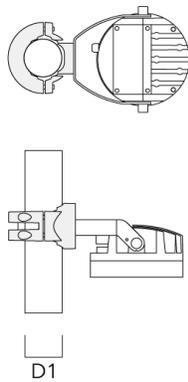
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PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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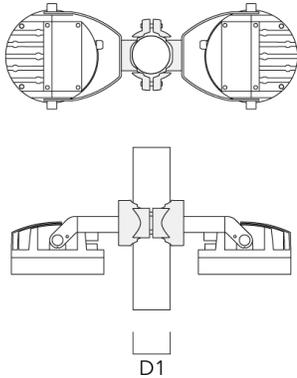
# FLC240 LED COLOR CHANGER

## 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

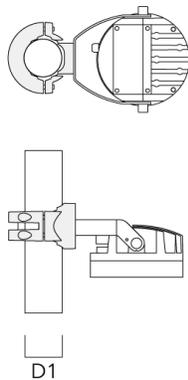
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PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3")	139-2704	3.20-4.30	2.40
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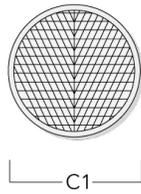
# FLC240 LED COLOR CHANGER

## Floodlights

### Optical Accessories

#### Wallwash lens

Description	Part ID	Additional information	C1
IO-20-FLC240-LED	139-1854	for symmetric [M] medium beam luminaire only	11.38



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# FLC240 LED COLOR CHANGER

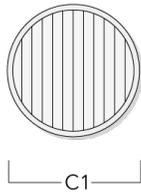
## Floodlights

### Linear spread lens

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Description	Part ID	C1
Linear spread lens IO-180	139-1855	11.40

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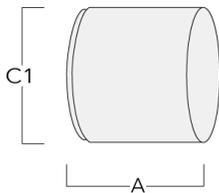
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### Snoot

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Description	Part ID	A	C1
ET-FLC240-LED	139-1859	7.87	11.50

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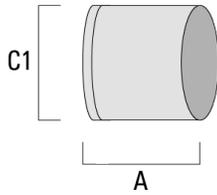
# FLC240 LED COLOR CHANGER

## Floodlights

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Description	Part ID	A	C1
ET-FLC240-CC-LED	139-6975	7.87	13.62

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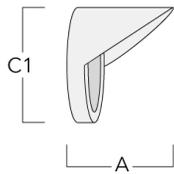
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## Glare shield

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Description	Part ID	A	C1
ES-FLC240-LED	139-1858	7.87	13.62

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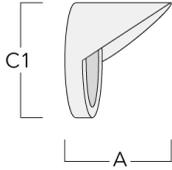
# FLC240 LED COLOR CHANGER

## Floodlights

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Description	Part ID	A	C1
ES-FLC240-CC-LED	139-6971	7.87	13.62

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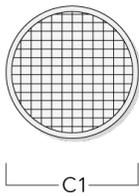
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## Softening Lens

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Description	Part ID	C1
IO-360-FLC240-LED	139-1856	11.40

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# FLC240 LED COLOR CHANGER

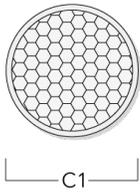
## Floodlights

### Honeycomb louvre

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Description	Part ID	C1
Honeycomb Louvre IW	139-1857	10.90

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# FLC240 LED COLOR CHANGER

## Floodlights

### 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 ....



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# FLC240 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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### 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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### 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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### 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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# FLC240 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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