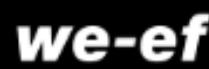


F8A

FLC230 LED COLOR CHANGER
139-1913 (previous product code: 667-3327 for reference only!)

1/23



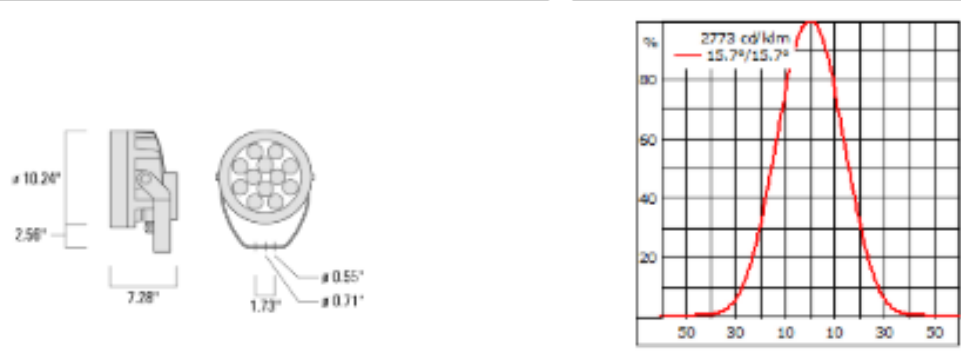
Description RGBW/RGBA Color Changer. IP66, Class I, IK07. Marine-grade, die-cast aluminum alloy. SCE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Two cable glands; one for power, one for DMX. Integral driver thermally separated. CAD-optimized optics for superior illumination and glare control. QLO® One LED Concept. Factory-installed LED circuit board with WE-EF 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. 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. (Other accessories, such as mounting, optical, and electrical, must be specified separately). Example: XXX-XXXX-9004 (Black) + XXX-XXXX (Accessories)	Beam Type	symmetric, medium beam [M]
	Light Source	LED-12/48W - RGBW
	CRI	20
	Gear Type	electric gear
	Nominal Luminous Flux (lm)	
	LED Lumens	340 lm
	LEDs	12
	Total Lumens	4090 lm
	Tj	85 °C
	Delivered Lumens Flux (lm)	
	LED Lumens	267.1 lm
	Total Lumens	3204.9 lm
	Ta	25 °C
	Rated Input Power	50 W

WE-EF LIGHTING USA LLC
410-D Keystone Drive | Warrandale PA 15086 | U.S.A. | Tel +1 724 742 0030 | Fax +1 724 742 0035 | info.usa@we-eef.com | www.we-eef.com | 10-06-2021 01:35

F8A

FLC230 LED COLOR CHANGER
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FLC230 LED COLOR CHANGER
139-1913 (previous product code: 667-3327 for reference only!)

3/23



Material Specification	
Body:	Marine-grade, die-cast aluminium alloy
Weight (lbs):	17.00
Lens:	Safety glass lens
Colours:	RAL9004 Black RAL9007 Grey Metallic RAL8016 White RAL8019 Dark Bronze

ETL	ETL, UL-1998 equivalent, CSA-C22.2/250.0. Suitable for Wet Locations.
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Color Boost	With RGBW/RGBA color mixing, the available electrical power of the projector is normally distributed evenly across all four channels. This means that a maximum of 25% of the electrical power is available to each channel. As a rule, however, a maximum of three channels are used for color mixing. This means that only a maximum of 75% of the electrical power is available to them. This is where WE-EF color boost technology comes in. When only three channels are used it distributes 100% of the electrical power to the three active channels, so that 33% instead of 25% of the total electrical power is available to each channel. Depending on the colours used, this increases the luminous efficacy by up to 40%.
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Gasket:	Silicone CCG® Controlled Compression Gasket
Fasteners:	PCS Polymer Coated Stainless Steel Hardware
Ingress protection:	IP66
Impact protection:	IK07
Corrosion protection:	SCE superior corrosion protection system
Surge protection:	Integral 10kV Surge Protector
Listings:	ETL, UL-1998, CSA-C22.2/250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3S Vibration Rating for Bridge and Overpass Applications.
Windage (EPA):	0.684

Electrical Specification	
Power supply:	Integral [ECQ] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Power factor:	> 0.9
Driver / Ballast:	Integral EC electronic converter with DMX Interface
Cable:	Two cable entry

Lifetime	Ta=25°/40° L90B10 > 90000h
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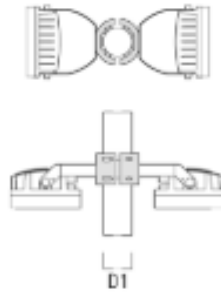
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FLC230 LED COLOR CHANGER
139-1913 (previous product code: 667-3327 for reference only!)

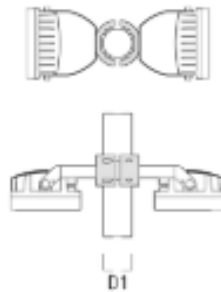
11/23



TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	D1	Weight (lbs)
667-9221	3.0-3.50	3.09 lbs



TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5")	D1	Weight (lbs)
667-9349	4.0-4.50	3.31 lbs



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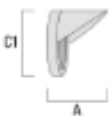
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Glare shield
667-9221

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Glare shield
Glare shield made from corrosion resistant aluminum. Inner surfaces matt black, powdercoated.



	A	C1
667-9221	ES-FLC230-LED	6.26 10.47

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Suite 300
Golden, CO
United States
Tel 303.421.6655

Date	Description
2021/02/10	DEVELOPMENT PACKAGE SUBMITTAL
2021/04/07	DEVELOPMENT PACKAGE RESUBMITTAL 01
1 2021.07.13	BP3-PROMENADE - BULLETIN 04

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name	SSRC - Base Area Plaza Improvements
Project Number	003.7835.000
Description	LIGHT FIXTURE CUTSHEETS

Scale	NOT TO SCALE
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E.101