

Description

3G Vibration Certified.

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. 0-10V Dimming comes standard with luminaire.

Optional 2200 K version available. To be specified at time of ordering.

A maximum of one internal optical accessory.





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)

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>
Subject to technical changes and errors. - Generated on 11/23/2024

Floodlights**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
Windage	0.372

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	ECG in thermally-separated compartment
Surge protection	Integral 10kV Surge Protector

Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Lead Time	This is a new product release and may have an extended lead time.
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.

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

FLC220 LED

Floodlights



Options

Light distribution



symmetric, wide beam [W]



symmetric, medium beam [M]



symmetric, narrow beam [N]



symmetric, very narrow beam [VN]



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



wallwash



linear spread, very narrow beam [VN]



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

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

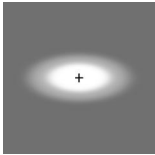
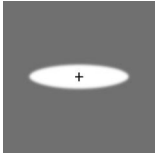
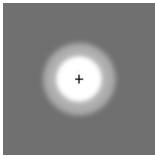
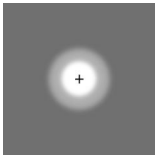
0 W

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

Configurations

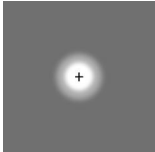
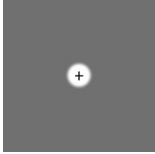
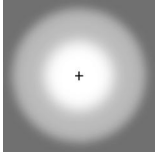
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	139-2005+139-2036	LED-6/12W / 700 mA - 3000 K	1487	14.5 W	80	9.48
	139-2006+139-2036	LED-6/12W / 700 mA - 4000 K	1589.5	14.5 W	80	9.48
	139-2015+139-2036	LED-6/18W / 1050 mA - 3000 K	2204.8	21 W	80	9.48
	139-2016+139-2036	LED-6/18W / 1050 mA - 4000 K	2307.4	21 W	80	9.48
	139-2030+139-2036	LED-6/26W / 1400 mA - 3000 K	2712.7	29 W	80	9.48
	139-2031+139-2036	LED-6/26W / 1400 mA - 4000 K	2836	29 W	80	9.48
	139-2261+139-2036	LED-6/12W / 700 mA - 2700 K	1384.4	14.5 W	80	9.48
	139-2269+139-2036	LED-6/18W / 1050 mA - 2700 K	2102.3	21 W	80	9.48
	139-2276+139-2036	LED-6/26W / 1400 mA - 2700K	2564.7	29 W	80	9.48
linear spread, very narrow beam, 'sharp cut-off' 	139-2007+139-2036	LED-6/12W / 700 mA - 3000 K	1203.4	14.5 W	80	9.48
	139-2008+139-2036	LED-6/12W / 700 mA - 4000 K	1349.3	14.5 W	80	9.48
	139-2017+139-2036	LED-6/18W / 1050 mA - 3000 K	1729.2	21 W	80	9.48
	139-2018+139-2036	LED-6/18W / 1050 mA - 4000 K	1938.8	21 W	80	9.48
	139-2032+139-2036	LED-6/26W / 1400 mA - 3000 K	2128.7	29 W	80	9.48
	139-2033+139-2036	LED-6/26W / 1400 mA - 4000 K	2384	29 W	80	9.48
	139-2262+139-2036	LED-6/12W / 700 mA - 2700 K	1131	14.5 W	80	9.48
	139-2270+139-2036	LED-6/18W / 1050 mA - 2700 K	1624.4	21 W	80	9.50
	139-2277+139-2036	LED-6/26W / 1400 mA - 2700 K	1997.7	29 W	80	9.48
symmetric, medium beam [M] 	139-2001	LED-6/12W / 700 mA - 3000 K	1533.6	14.5 W	80	9.50
	139-2002	LED-6/12W / 700 mA - 4000 K	1639.3	14.5 W	80	9.50
	139-2011	LED-6/18W / 1050 mA - 3000 K	2273.9	21 W	80	9.50
	139-2012	LED-6/18W / 1050 mA - 4000 K	2379.6	21 W	80	9.50
	139-2026	LED-6/26W / 1400 mA - 3000 K	2821.4	29 W	80	9.50
	139-2027	LED-6/26W / 1400 mA - 4000 K	2949.6	29 W	80	9.50
	139-2187	LED-6/26W / 1400 mA - 2700K	2667.5	29 W	80	9.50
	139-2244	LED-6/18W / 1050 mA - 2700 K	2168.1	21 W	80	9.50
	139-2247	LED-6/12W / 700 mA - 2700 K	1427.8	14.5 W	80	9.50
symmetric, narrow beam [N] 	139-2003	LED-6/12W / 700 mA - 3000 K	1473.8	14.5 W	80	9.50
	139-2004	LED-6/12W / 700 mA - 4000 K	1575.5	14.5 W	80	9.50
	139-2013	LED-6/18W / 1050 mA - 3000 K	2185.4	21 W	80	9.50
	139-2014	LED-6/18W / 1050 mA - 4000 K	2287	21 W	80	9.50
	139-2028	LED-6/26W / 1400 mA - 3000 K	2711.6	29 W	80	9.50

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	139-2029	LED-6/26W / 1400 mA - 4000 K	2834.8	29 W	80	9.50
	139-2224	LED-6/26W / 1400 mA - 2700K	2563.7	29 W	80	9.50
	139-2245	LED-6/18W / 1050 mA - 2700 K	2083.7	21 W	80	9.50
	139-2248	LED-6/12W / 700 mA - 2700 K	1372.2	14.5 W	80	9.50
symmetric, very narrow beam [VN] 	139-2005	LED-6/12W / 700 mA - 3000 K	1559.6	14.5 W	80	9.50
	139-2006	LED-6/12W / 700 mA - 4000 K	1667.2	14.5 W	80	9.50
	139-2015	LED-6/18W / 1050 mA - 3000 K	2312.6	21 W	80	9.50
	139-2016	LED-6/18W / 1050 mA - 4000 K	2420.1	21 W	80	9.50
	139-2030	LED-6/26W / 1400 mA - 3000 K	2869.2	29 W	80	9.50
	139-2031	LED-6/26W / 1400 mA - 4000 K	2999.6	29 W	80	9.50
	139-2261	LED-6/12W / 700 mA - 2700 K	1452.1	14.5 W	80	9.50
	139-2269	LED-6/18W / 1050 mA - 2700 K	2205	21 W	80	9.50
	139-2276	LED-6/26W / 1400 mA - 2700K	2712.7	29 W	80	9.50
	symmetric, very narrow beam, 'sharp cut-off' [VNS] 	139-2007	LED-6/12W / 700 mA - 3000 K	1234.8	14.5 W	80
139-2008		LED-6/12W / 700 mA - 4000 K	1384.4	14.5 W	80	9.50
139-2017		LED-6/18W / 1050 mA - 3000 K	1774.2	21 W	80	9.50
139-2018		LED-6/18W / 1050 mA - 4000 K	1989.3	21 W	80	9.50
139-2032		LED-6/26W / 1400 mA - 3000 K	2203.5	29 W	80	9.50
139-2033		LED-6/26W / 1400 mA - 4000 K	2467.7	29 W	80	9.50
139-2262		LED-6/12W / 700 mA - 2700 K	1160.4	14.5 W	80	9.50
139-2270		LED-6/18W / 1050 mA - 2700 K	1666.7	21 W	80	9.50
139-2277		LED-6/26W / 1400 mA - 2700 K	2067.9	29 W	80	9.50
symmetric, wide beam [W] 		139-1999	LED-6/12W / 700 mA - 3000 K	1492	14.5 W	80
	139-2000	LED-6/12W / 700 mA - 4000 K	1594.9	14.5 W	80	9.50
	139-2009	LED-6/18W / 1050 mA - 3000 K	2212.3	21 W	80	9.50
	139-2010	LED-6/18W / 1050 mA - 4000 K	2315.2	21 W	80	9.50
	139-2024	LED-6/26W / 1400 mA - 3000 K	2744.9	29 W	80	9.50
	139-2025	LED-6/26W / 1400 mA - 4000 K	2869.7	29 W	80	9.50
	139-2186	LED-6/26W / 1400 mA - 2700K	2675.4	29 W	80	9.50
	139-2243	LED-6/18W / 1050 mA - 2700 K	2109.4	21 W	80	9.50
	139-2246	LED-6/12W / 700 mA - 2700 K	1389.1	14.5 W	80	9.50
	wallwash	139-2001+139-2035-AP	LED-6/12W / 700 mA - 3000 K	1285.2	14.5 W	80
139-2002+139-2035-AP		LED-6/12W / 700 mA - 4000 K	1373.8	14.5 W	80	9.48

WE-EF LIGHTING USA, LLC

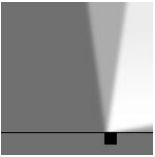
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

FLC220 LED

Floodlights

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	139-2011+139-2035-AP	LED-6/18W / 1050 mA - 3000 K	1905.6	21 W	80	9.48
	139-2012+139-2035-AP	LED-6/18W / 1050 mA - 4000 K	1994.3	21 W	80	9.48
	139-2026+139-2035-AP	LED-6/26W / 1400 mA - 3000 K	2364.4	29 W	80	9.48
	139-2027+139-2035-AP	LED-6/26W / 1400 mA - 4000 K	2471.8	29 W	80	9.48
	139-2187+139-2035-AP	LED-6/26W / 1400 mA - 2700K	2235.4	29 W	80	9.48
	139-2244+139-2035-AP	LED-6/18W / 1050 mA - 2700 K	1817	21 W	80	9.48
	139-2247+139-2035-AP	LED-6/12W / 700 mA - 2700 K	1196.6	14.5 W	80	9.50

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

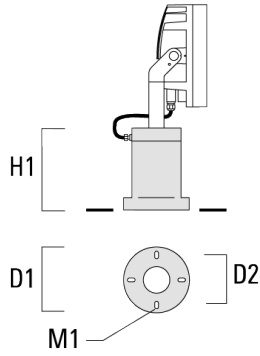
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

Mounting Accessories

Short post EM

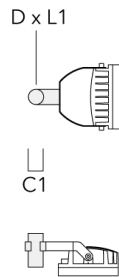
Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-M16 AL - Single Cable Entry	270-9038	6.3	5.12	7.87"	0.35"	4.85 lbs



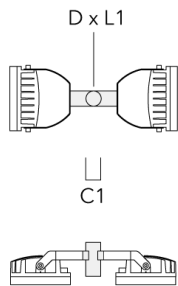
Floodlights

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



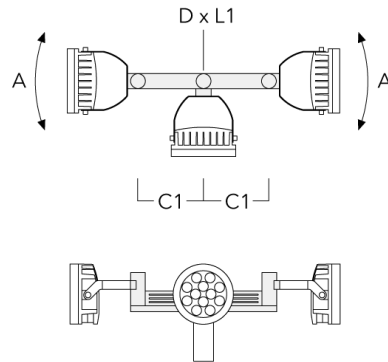
TA2 Mounting bracket, double (Ø 4.25 x 8)	147-0097		5.12	4.25 x 8	4.25	16.53	108 x 200
---	----------	--	------	----------	------	-------	-----------



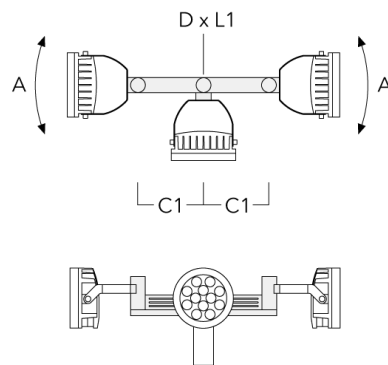
FLC220 LED

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
---	----------	------	--------	----------	--	-----------	-----------



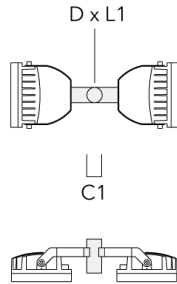
WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

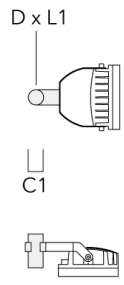
Subject to technical changes and errors. - Generated on 11/23/2024

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
--	----------	--	------	-------	------	------	----------



WE-EF LIGHTING USA, LLC

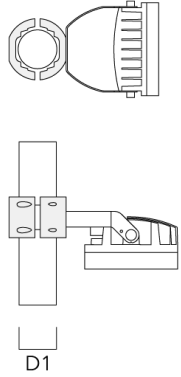
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

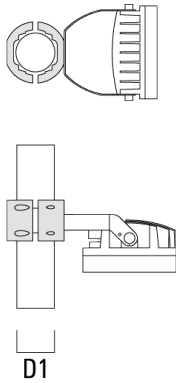
Floodlights

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

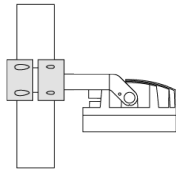
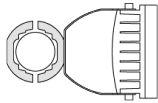


TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	114-133	3.75	114-133
---	----------	---------	------	---------



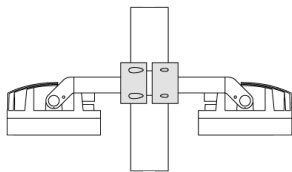
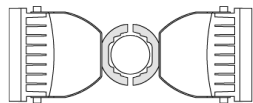
Floodlights

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
--	----------	-----------	----------	-------



D1

WE-EF LIGHTING USA, LLC

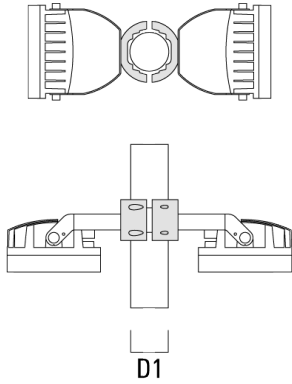
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

FLC220 LED

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



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



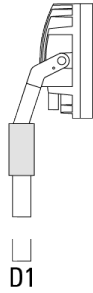
WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

Floodlights

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100



KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89
---------------------------------	----------	------	---------	----------	----

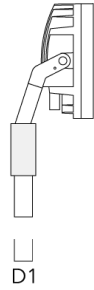


WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

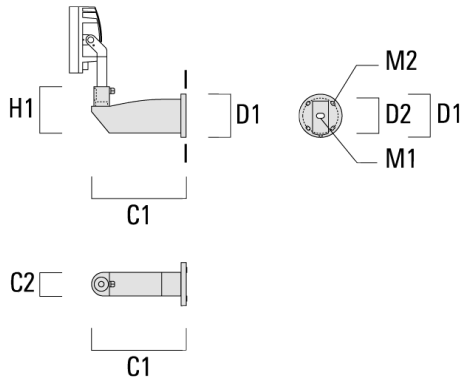
Subject to technical changes and errors. - Generated on 11/23/2024

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108



Wall Mount Bracket WMB

Description	Part ID	C1	C2	D1	D2	H1	M1	M2	Weight (lb)
WMB200 Wall mount bracket	147-6015	20.28	4.72	9.25	7.88	11.34	1.05	0.47	20.0 lbs



WE-EF LIGHTING USA, LLC

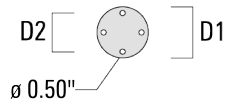
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

Surface Mount Canopy SMC

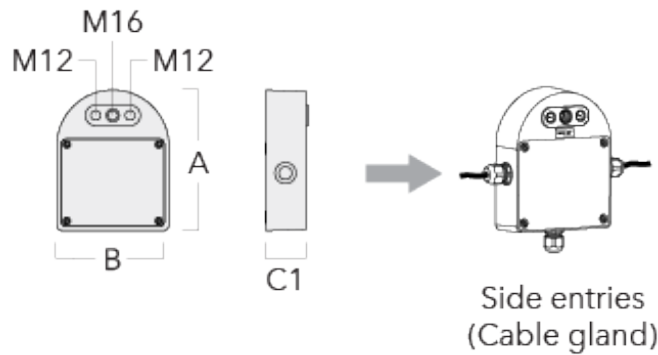
Description	Part ID	D1	D2	Weight (lb)
SMC-200	147-6915	10.83	9.25	15.4 lbs



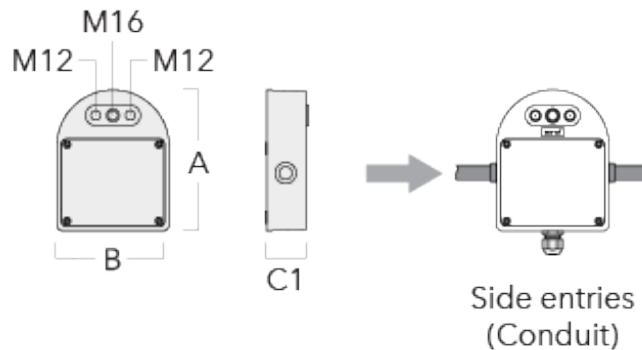
Floodlights

Junction box

Description	Part ID	Additional information	A	B	C1	Weight (lb)
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	7.09	5.63	2.01	2.25



Junction box JB20 - Conduit side entries	310-9014	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	7.09	5.63	2.01	2.25
--	----------	--	------	------	------	------



WE-EF LIGHTING USA, LLC

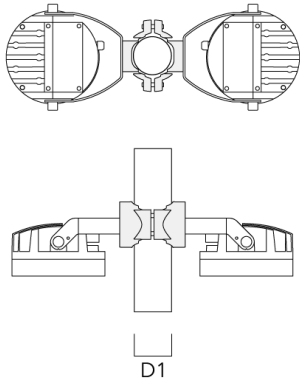
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

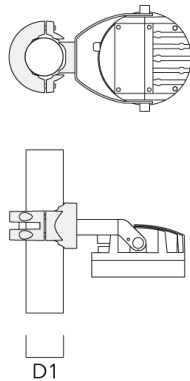
Floodlights

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
---	----------	----------	------



WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>
 Subject to technical changes and errors. - Generated on 11/23/2024

Floodlights

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



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

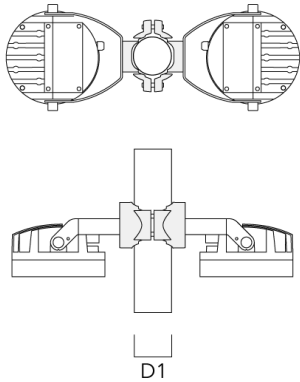


WE-EF LIGHTING USA, LLC

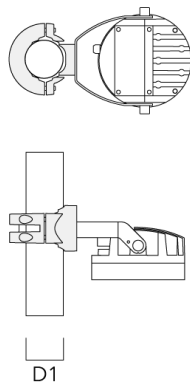
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>
Subject to technical changes and errors. - Generated on 11/23/2024

Floodlights

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



PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
---	----------	----------	------

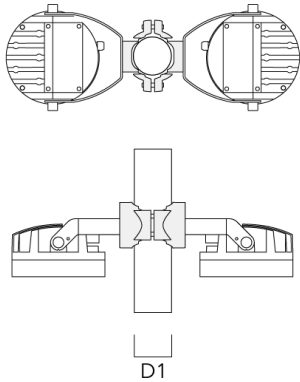


WE-EF LIGHTING USA, LLC

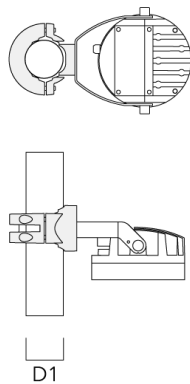
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>
Subject to technical changes and errors. - Generated on 11/23/2024

Floodlights

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



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

**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

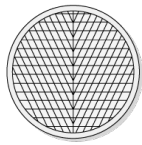
FLC220 LED

Floodlights

Optical Accessories

Wallwash lens

Description	Part ID	C1
10-20-FLC220-LED	139-2035	5.75



C1

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

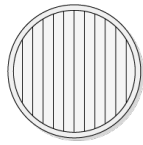
Subject to technical changes and errors. - Generated on 11/23/2024

FLC220 LED

Floodlights

Linear spread lens

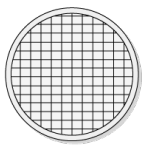
Description	Part ID	C1
IO-180-FLC220-LED	139-2036	5.75



C1

Softening Lens

Description	Part ID	C1
IO-360-FLC220-LED	139-2037	5.75



C1

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

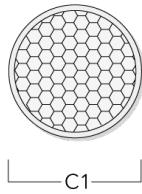
Subject to technical changes and errors. - Generated on 11/23/2024

FLC220 LED

Floodlights

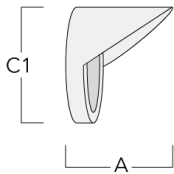
Honeycomb louvre

Description	Part ID	C1
IW-FLC220-LED	139-2034	5.43



Glare shield

Description	Part ID	A	C1
ES-FLC220-LED	139-1986	4.92	7.48



WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

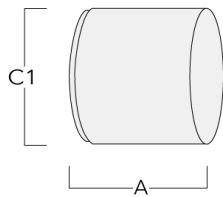
Subject to technical changes and errors. - Generated on 11/23/2024

FLC220 LED

Floodlights

Snoot

Description	Part ID	A	C1
ET-FLC220-LED	139-1987	4.92	7.48



WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024