LED Flood Light - FL08

Photocell On/Off, Wattage Adjustable & CCT Selectable

Rev.1/7/26



Description

E2 Lighting Flood light is ideal for landscapes, display signage, building facades, pathways and parking area. Replace existing HID flood light. Standard Photocell (dusk-to-dawn function) is included as default. Die-cast alloy housing provide good heat dissipation, long life, low maintenance, and high efficiency. Please note that this product is not suitable for use in seaside areas or environments with high salt spray concentration.If you need it for use by the seaside, you can contact us for customization.

Application

- Landscapes
- Display signage
- Building facades
- Pathways
- Parking area

Certificate

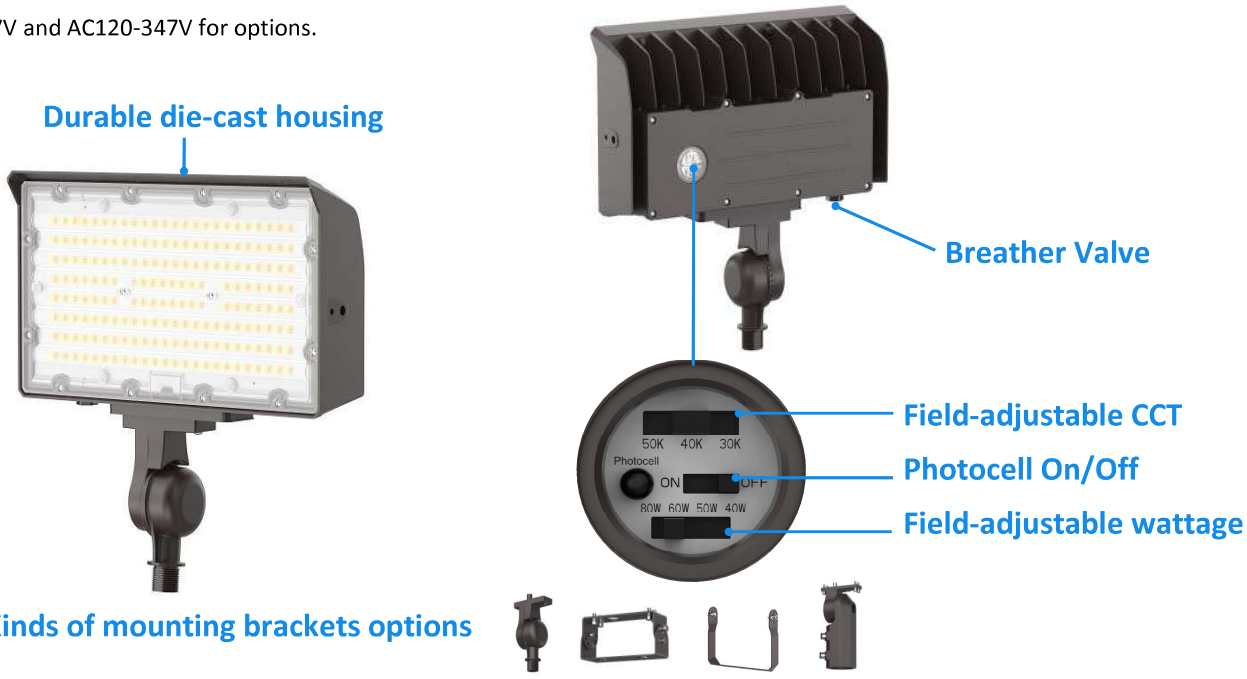
- UL
- DLC(Pending)

CERTIFIED · DLC LISTED PREMIUM · POWER SELECTABLE · 3CCT SELECTABLE · 3 in1 PHOTOCELL · IP65 · 5 YEARS WARRANTY

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Key Features

- High efficacy up to 150lm/W.
- 3CCT(3000/4000/5000K) and Wattages Selectable offer SKU reduction.
- Die-cast magnesium & aluminum housing provides good heat dissipation and a durable lifetime.
- 4 kinds of mounting brackets available (Knuckle Mount, Trunnion Mount, Yoke Mount, Slipfitter Mount).
- Standard Photocell (dusk-to-dawn function) is included as default.
- AC120-277V and AC120-347V for options.



Performance Summary

Model NO. #	Size	Watts	3 CCT	LPW	Lumens(±10%)	Voltage	DIM	CRI	Beam Angle
E2-FL-08-150W-3CCT	12"	150/120/100/80W Selectable	3CCT Selectable 3000K 4000K 5000K	150lm/W	22500LM@150W	AC120-277V AC120-347V	0-10V	80	7H6V

Remarks: 1. ***All above efficacy and lumens are subject to CRI>80 @4000K, please check IES files for accurate data.***

2. FL08-12-180Z-AD4C3, Z denotes voltage, L=AC120-277V, M=AC120-347V; A denotes function, S2=photocell; D4C3 denotes 0-10V dimming, 4 wattage selectable, and 3 CCT selectable.

3. Factory setting: Photocell is ON, Max wattage, 5000K.

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Performance

- LED Type: SMD2835
- Frequency: 50/60HZ
- THD: <20%
- Power Factor: ≥0.90
- IP Rating: IP65
- Operating Temp.: −40°F to 113°F (-40°C to +45°C)
- Surge Protection: L/N 6KV, L/N-P 6KV(for 80/100/120/150/180/300W)
  L/N 4KV, L/N-P 6KV(for 20/40/60W)

Construction

- Lens: Polycarbonate
- Housing: Die-cast Magnesium (Die-cast Aluminum for 300W)
- Finish: Bronze (Standard), Custom finishes available

Mounting

- Knuckle Mount
- Trunnion Mount
- Yoke Mount
- Slipfitter Mount



Knuckle Mount Trunnion Mount Yoke Mount Slipfitter Mount

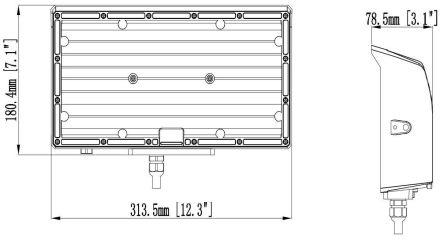
Mounting Plate Installation

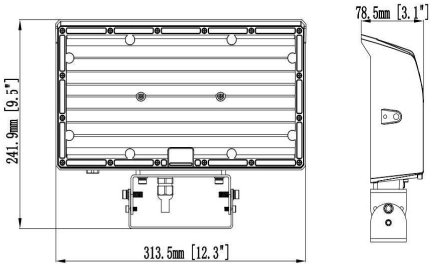


Product Dimension

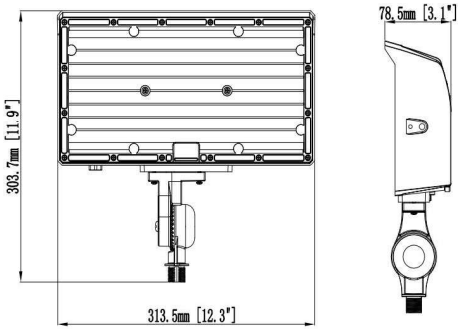
(unit: mm & inch)

Fixture only

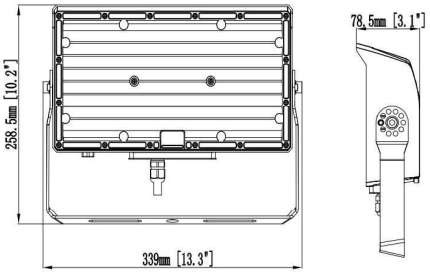




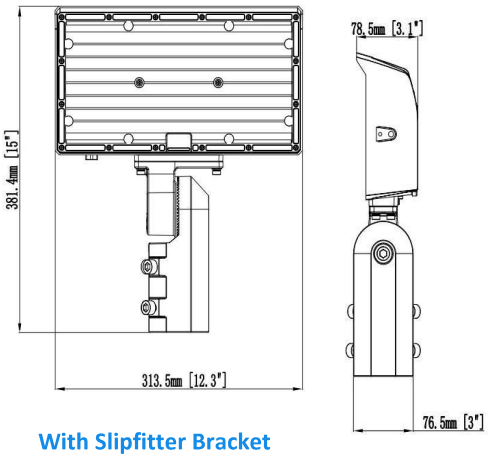
With Trunnion Bracket



With Knuckle Bracket



With Yoke Bracket



With Slipfitter Bracket

Package Info.(Fixture only)

Product Size (inch & mm)	Product & Package Weight(KG)				Q'ty/BOX (PCS)	Q'ty/CTN (PCS)	Carton Size (inch & mm)	20GP (PCS)	40HQ (PCS)
	N.W./PC	G.W./PC	N.W./CTN	G.W./CTN					
150W 12.3"×7.1"×3.1" 313.5×180.4×78.5mm	1.93	2.08	7.72	8.81	1	4	13.9"×13.1"×9.8" 354×334×250mm	3672	8400

Package Info.

Product Size (inch & mm)	Product & Package Weight(KG)				Q'ty/BOX (PCS)	Q'ty/CTN (PCS)	Carton Size (inch & mm)	20GP (PCS)	40HQ (PCS)
	N.W./PC	G.W./PC	N.W./CTN	G.W./CTN					
150W(Knuckle Bracket) 12.3"×12.0"×3.1" 313.5×303.7×78.5mm	2.08	2.29	8.32	9.74	1	4	13.9"×13.1"×13.7" 354×334×349mm	2448	5880
150W(Trunnion Bracket) 12.3"×9.5"×3.1" 313.5×241.9×78.5mm	2.23	2.36	8.92	9.97	1	4	13.9"×13.1"×10.4" 354×334×264mm	3264	7560
150W(Yoke Bracket) 13.3"×10.2"×3.1" 339×258.5×78.5mm	2.36	2.51	9.43	10.62	1	4	14.3"×13.9"×11.2" 363×354×284mm	3072	7128
150W(Slipfitter Bracket) 12.3"×15.0"×3.1" 313.5×381.4×78.5mm	2.74	2.93	10.96	12.37	1	4	15.2"×13.1"×15.9" 386×334×404mm	1980	4920

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