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LED Flood Light - FL08

Photocell On/Off, Wattage Adjustable & CCT Selectable

Rev.1/7/26



Description

RZ LED 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(Pending)
- DLC(Pending)

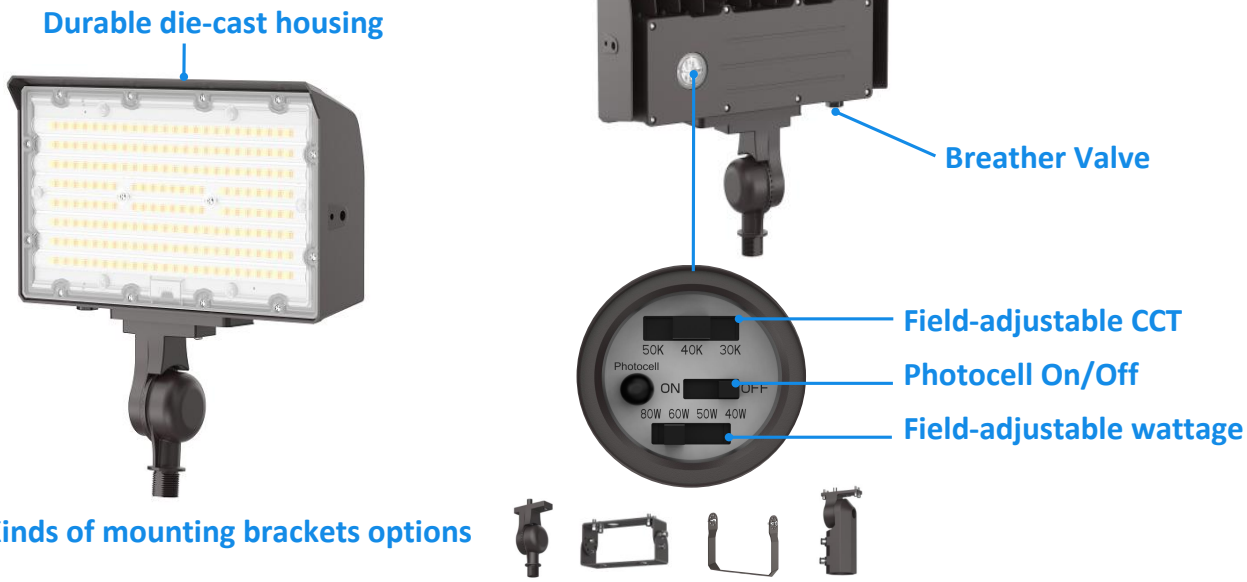
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Key Features

- 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
FL08-7-20Z-AD3C3	7"	20/15/10W Selectable	3CCT Selectable 3000K 4000K 5000K	150lm/W	3000LM@20W	AC120-277V AC120-347V	0-10V	80	7H6V
FL08-7-40Z-AD4C3		40/35/30/25W Selectable			6000LM@40W				
FL08-9-60Z-AD4C3	9"	60/50/40/30W Selectable			9000LM@60W				
FL08-9-80Z-AD4C3		80/60/50/40W Selectable			12000LM@80W				
FL08-11-100Z-AD4C3	11"	100/80/60/50W Selectable			15000LM@100W				
FL08-11-120Z-AD4C3		120/100/80/60W Selectable			18000LM@120W				
FL08-12-150Z-AD4C3	12"	150/120/100/80W Selectable			22500LM@150W				
FL08-12-180Z-AD4C3		180/150/120/100W Selectable			27000LM@180W				
FL08-14-300Z-AD4C3	14"	300/240/200/150W Selectable			45000LM@300W				

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

Accessories (Sold separately)

Picture	Item #	Description
	ACC-FL08-KN01-BZ-MB-20W	Mounting Bracket, Knuckle Mount for 20W-180W, Bronze finish
	ACC-FL08-TR01-BZ-NMB-20W	Mounting Bracket, Trunnion Mount for 20W, 40W, 60W, 80W, Bronze finish
	ACC-FL08-TR01-BZ-NMB-100W	Mounting Bracket, Trunnion Mount for 100W, 120W, 150W, 180W, Bronze finish
	ACC-FL08-TR01-BZ-NMB-300W	Mounting Bracket, Trunnion Mount for 300W, Bronze finish
	ACC-FL08-YK01-BZ-NMB-20W	Mounting Bracket, Yoke Mount for 20W, 40W, Bronze finish
	ACC-FL08-YK01-BZ-NMB-60W	Mounting Bracket, Yoke Mount for 60W, 80W, Bronze finish
	ACC-FL08-YK01-BZ-NMB-100W	Mounting Bracket, Yoke Mount for 100W, 120W, Bronze finish
	ACC-FL08-YK01-BZ-NMB-150W	Mounting Bracket, Yoke Mount for 150W, 180W, Bronze finish
	ACC-FL08-YK01-BZ-NMB-300W	Mounting Bracket, Yoke Mount for 300W, Bronze finish
	ACC-FL08-SF01-BZ-MB-100W	Mounting Bracket, Slipfitter Mount for 100, 120, 150, 180, 300W, Bronze finish
	ACC-FL08-MP-BZ-20W	Mounting Plate for 20W-180W, Bronze finish

Mounting Plate Installation

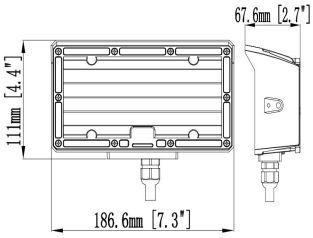


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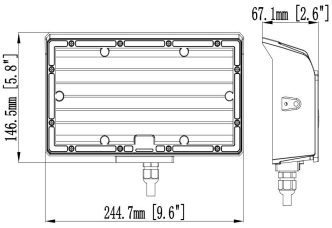
Product Dimension

(unit: mm & inch)

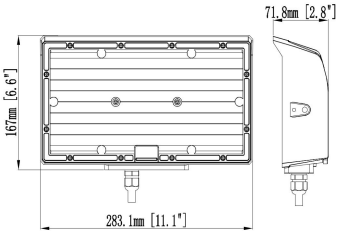
Fixture only



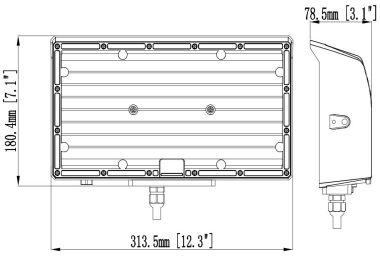
20W & 40W



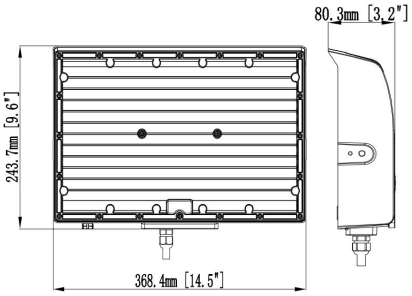
60W & 80W



100W & 120W

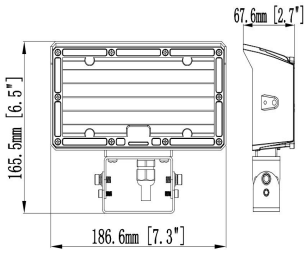


150W & 180W

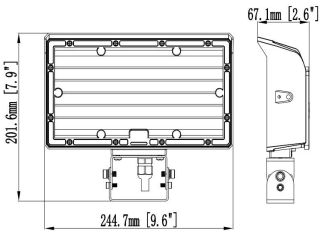


300W

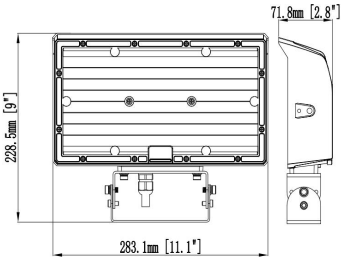
With Trunnion Bracket



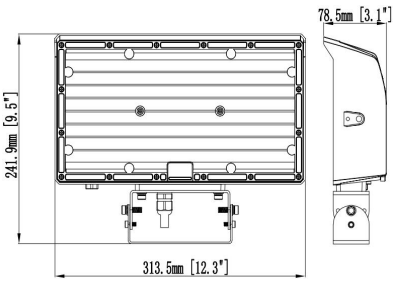
20W & 40W



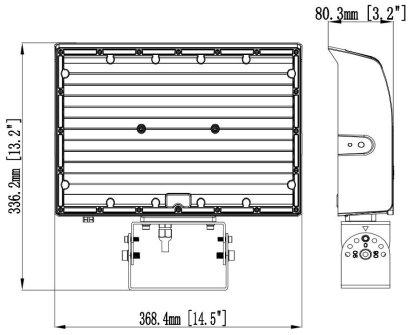
60W & 80W



100W & 120W



150W & 180W



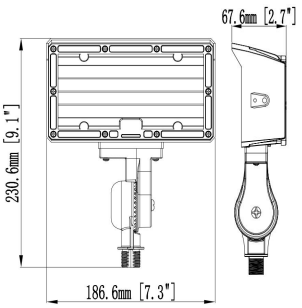
300W

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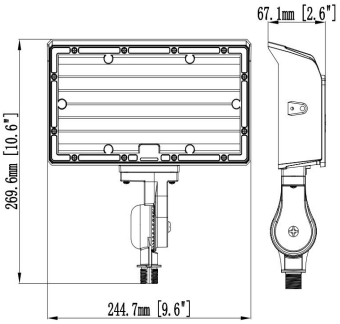
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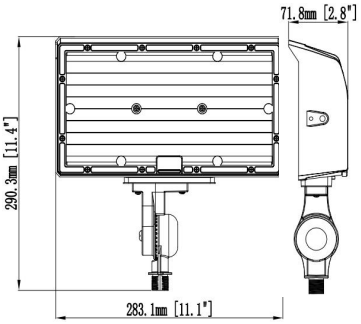
With Knuckle Bracket



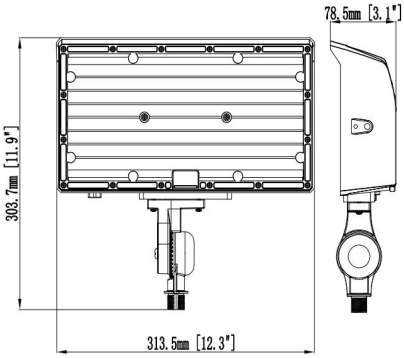
20W & 40W



60W & 80W

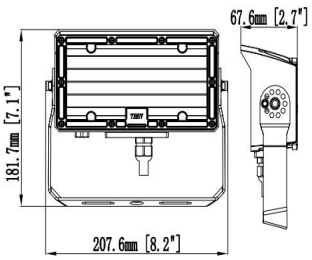


100W & 120W

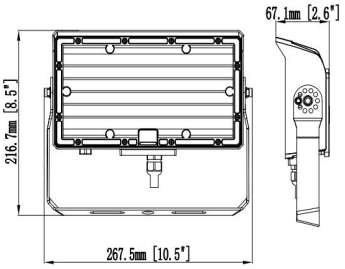


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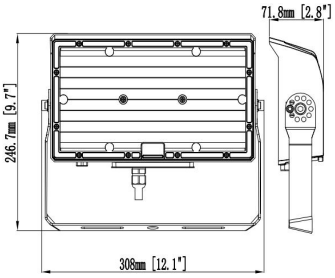
With Yoke Bracket



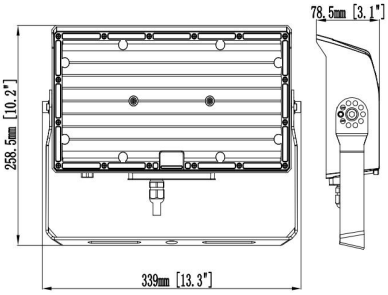
20W & 40W



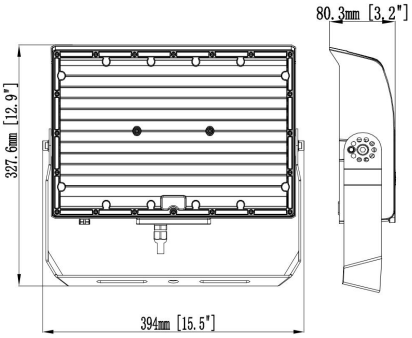
60W & 80W



100W & 120W

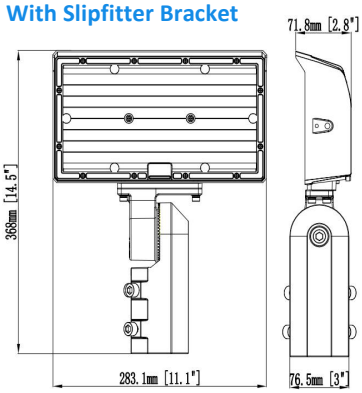


150W & 180W

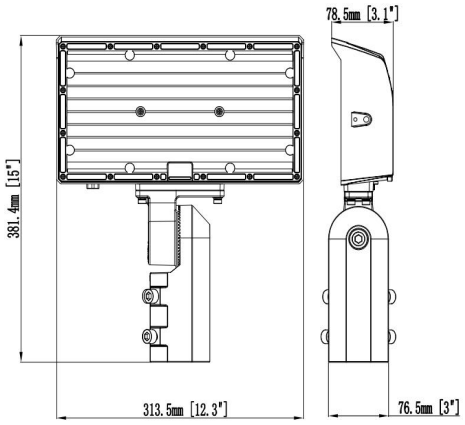


300W

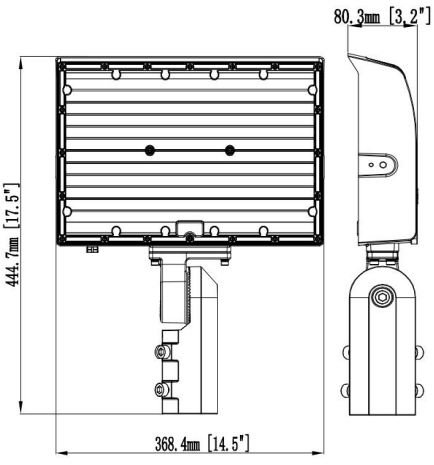
With Slipfitter Bracket



100W & 120W



150W & 180W



300W

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LED Flood Light - FL08

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					
20W 7.3"×4.4"×2.7" 186.6×111×67.6mm	0.80	0.88	8.00	9.33	1	10	15.8"×15"×7.1" 401×382×180mm	10080	22620
40W 7.3"×4.4"×2.7" 186.6×111×67.6mm	0.85	0.92	8.45	9.78	1	10	15.8"×15"×7.1" 401×382×180mm	10080	22620
60W 9.6"×5.8"×2.6" 244.7×146.5×67.1mm	1.27	1.37	7.59	8.63	1	6	18.0"×10.4"×8.5" 456×265×216mm	6360	14520
80W 9.6"×5.8"×2.6" 244.7×146.5×67.1mm	1.32	1.42	7.89	8.93	1	6	18.0"×10.4"×8.5" 456×265×216mm	6360	14520
100W 11.1"×6.6"×2.8" 283.1×167×71.8mm	1.58	1.70	9.45	10.73	1	6	19.0"×11.9"×9.3" 483×303×237mm	4590	10680
120W 11.1"×6.6"×2.8" 283.1×167×71.8mm	1.60	1.72	9.57	10.85	1	6	19.0"×11.9"×9.3" 483×303×237mm	4590	10680
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
180W 12.3"×7.1"×3.1" 313.5×180.4×78.5mm	2.00	2.15	8.00	9.09	1	4	13.9"×13.1"×9.8" 354×334×250mm	3672	8400
300W 14.5"×9.6"×3.2" 368.4×243.7×80.3mm	3.75	3.89	7.49	8.15	1	2	15.3"×7.4"×12.2" 389×188×310mm	2498	5928

Package Info.(Fixture with Knuckle Bracket)

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					
20W 7.3"×9.1"×2.7" 186.6×230.6×67.6mm	0.92	1.04	7.36	8.82	1	8	15.8"×12.1"×10.9" 401×308×278mm	6592	15336
40W 7.3"×9.1"×2.7" 186.6×230.6×67.6mm	0.97	1.08	7.72	9.18	1	8	15.8"×12.1"×10.9" 401×308×278mm	6592	15336
60W 9.6"×10.6"×2.6" 244.7×269.6×67.1mm	1.39	1.54	8.31	9.75	1	6	18"×10.4"×12.4" 456×265×315mm	4452	10560
80W 9.6"×10.6"×2.6" 244.7×269.6×67.1mm	1.44	1.59	8.61	10.05	1	6	18"×10.4"×12.4" 456×265×315mm	4452	10560
100W 11.1"×11.4"×2.8" 283.1×290.3×71.8mm	1.73	1.91	10.35	12.06	1	6	19"×11.9"×13.2" 483×303×335mm	3060	7476
120W 11.1"×11.4"×2.8" 283.1×290.3×71.8mm	1.75	1.93	10.47	12.18	1	6	19"×11.9"×13.2" 483×303×335mm	3060	7476
150W 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
180W 12.3"×12.0"×3.1" 313.5×303.7×78.5mm	2.15	2.36	8.60	10.02	1	4	13.9"×13.1"×13.7" 354×334×349mm	2448	5880

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LED Flood Light - FL08

Package Info.(Fixture with Trunnion Bracket)

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					
20W 7.3"×6.5"×2.7" 186.6×165.5×67.6mm	0.97	1.03	7.72	8.70	1	8	15.8"×12.1"×7.5" 401×308×190mm	9064	22152
40W 7.3"×6.5"×2.7" 186.6×165.5×67.6mm	1.01	1.08	8.08	9.06	1	8	15.8"×12.1"×7.5" 401×308×190mm	9064	22152
60W 9.6"×7.9"×2.6" 244.7×201.6×67.1mm	1.43	1.52	8.58	9.56	1	6	18"×10.4"×8.8" 456×265×223mm	6360	14520
80W 9.6"×7.9"×2.6" 244.7×201.6×67.1mm	1.48	1.57	8.88	9.86	1	6	18"×10.4"×8.8" 456×265×223mm	6360	14520
100W 11.1"×9.0"×2.8" 283.1×228.5×71.8mm	1.88	1.99	11.25	12.47	1	6	19"×11.9"×9.8" 483×303×250mm	4590	10680
120W 11.1"×9.0"×2.8" 283.1×228.5×71.8mm	1.90	2.01	11.37	12.59	1	6	19"×11.9"×9.8" 483×303×250mm	4590	10680
150W 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
180W 12.3"×9.5"×3.1" 313.5×241.9×78.5mm	2.30	2.43	9.20	10.25	1	4	13.9"×13.1"×10.4" 354×334×264mm	3264	7560
300W 14.5"×13.2"×3.2" 368.4×336.2×80.3mm	4.49	4.65	8.97	9.70	1	2	15.3"×7.4"×14.1" 389×188×359mm	2088	5088

Package Info.(Fixture with Yoke Bracket)

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					
20W 8.2"×7.2"×2.7" 207.6×181.7×67.6mm	1.04	1.11	8.28	9.39	1	8	17.9"×12.1"×8.1" 454×308×207mm	7360	18336
40W 8.2"×7.2"×2.7" 207.6×181.7×67.6mm	1.08	1.16	8.64	9.75	1	8	17.9"×12.1"×8.1" 454×308×207mm	7360	18336
60W 10.5"×8.5"×2.6" 267.5×216.7×67.1mm	1.55	1.65	9.30	10.43	1	6	18"×11.4"×9.5" 456×290×242mm	5238	12000
80W 10.5"×8.5"×2.6" 267.5×216.7×67.1mm	1.60	1.70	9.60	10.73	1	6	18"×11.4"×9.5" 456×290×242mm	5238	12000
100W 12.1"×9.7"×2.8" 308×246.7×71.8mm	1.92	2.05	11.50	12.91	1	6	19"×13.1"×10.7" 483×332×272mm	3840	9018
120W 12.1"×9.7"×2.8" 308×246.7×71.8mm	1.94	2.07	11.62	13.03	1	6	19"×13.1"×10.7" 483×332×272mm	3840	9018
150W 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
180W 13.3"×10.2"×3.1" 339×258.5×78.5mm	2.43	2.58	9.71	10.90	1	4	14.3"×13.9"×11.2" 363×354×284mm	3072	7128
300W 15.5"×12.9"×3.2" 394×327.6×80.3mm	4.54	4.72	9.08	9.84	1	2	16.5"×7.4"×13.7" 420×188×350mm	2120	4824

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Package Info.(Fixture with Slipfitter Bracket)

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					
100W 11.1"×14.5"×2.8" 283.1×368×71.8mm	2.39	2.55	9.54	10.80	1	4	15"×11.9"×15.4" 380×303×390mm	2556	5520
120W 11.1"×14.5"×2.8" 283.1×368×71.8mm	2.41	2.57	9.62	10.88	1	4	15"×11.9"×15.4" 380×303×390mm	2556	5520
150W 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
180W 12.3"×15.0"×3.1" 313.5×381.4×78.5mm	2.81	3.00	11.24	12.65	1	4	15.2"×13.1"×15.9" 386×334×404mm	1980	4920
300W 14.5"×17.5"×3.2" 368.4×444.7×80.3mm	4.56	4.77	9.12	10.02	1	2	15.3"×7.4"×18.3" 389×188×466mm	1664	3890

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