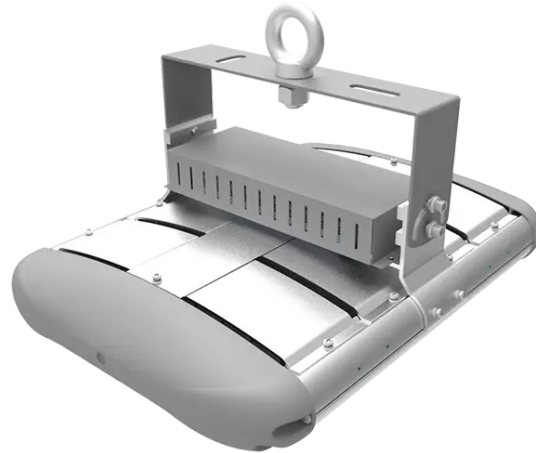


FLOODLIGHT

PQ-FLEL

For both indoor and outdoor use such as flood lighting, area lighting, high bay lighting and security light. It delivers a high power lumen package for commercial and industrial applications. 50W to 450W, 140Lm/W efficacy, and choice of 15 optics produce precise illumination for any types of site or application.

- Heavy duty
- 3G/5G vibration rated
- IP66/IP67



FLOODLIGHT

MODEL	Color Temperature (CCT)	Power (W)	Beam Angle	Dimensions (mm)	Input Voltage (V)
PQ-FLEL	035K = 3500K 041K = 4000K-4500K 045K = 4500K 051K = 5000K-5500K 055K = 5500K	75W	60x100° (Type I-VS)	351 x 410 x 175mm	120V = 100-277VAC 347V = 200-480VAC
		100W	90x145° (Type I-VS) 70x130° (Type II-S)	448 x 410 x 175mm	
		150W	80x145° (Type III-S)	448 x 410 x 175mm	
		200W	80x150° (Type III-S) 80x150° (Type III-M)	542 x 410 x 175mm	
		240W	80x125° (Type IV-VS) 25° (Type V-VS)	542 x 410 x 175mm	
		300W	30° (Type V-VS) 60° (Type V-VS)	702 x 410 x 175mm	
		450W	90° (Type V-VS) 110° (Type V-VS)	850 x 410 x 175mm	
			140° (Type V-VS)		

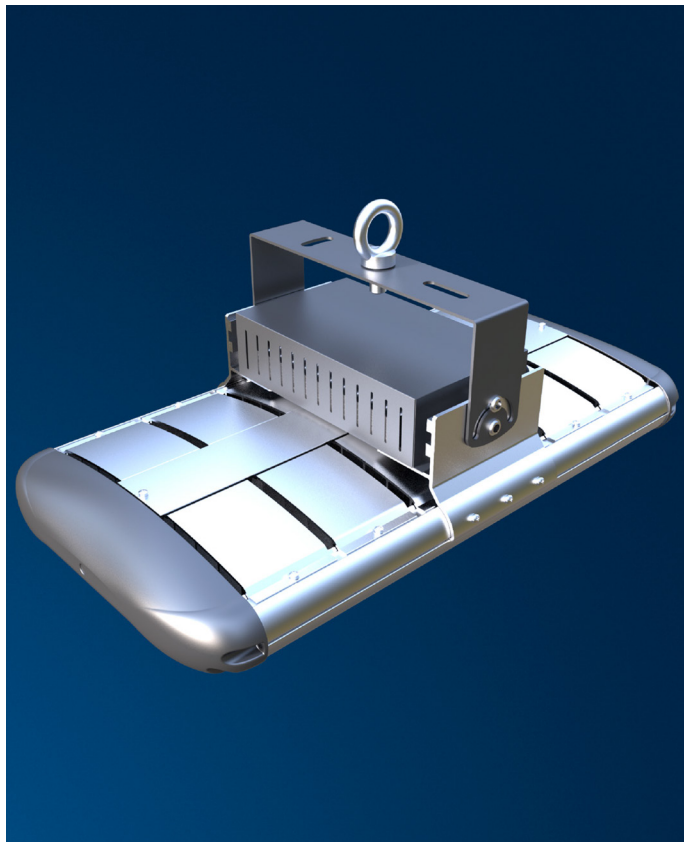
CERTIFICATIONS



FLOODLIGHT

PQ-FLEL

PRODUCT FEATURES



FLOODLIGHT

PQ-FLEL

SPECIFICATIONS

Model	PQ-FLEL						
Power (W)	75W	100W	150W	200W	240W	300W	450W
Lumen per Watt	137LPW	154LPW	140LPW	145LPW	137LPW	140LPW	140LPW
Input Voltage	100-277VAC, 200-480VAC						
LED Chip	Philips Lumileds						
CRI	≥70						
CCT	3500K, 4000K, 4500K, 5000K, 5500K						
Lumen	10,275lm	15,400lm	21,000lm	29,000lm	32,880lm	42,000lm	63,000lm
Beam Angle	60x100° / 90x145° / 70x130° / 80x145° / 80x150° (S) / 80x150° (M) / 80x125° 25° / 30° / 60° / 90° / 110° / 140°						
IP & IK	IP66 / IP67, IK10						
Driver Brand	Inventronics, Sosen						
Sensor Type	Microwave, Photocell, Remote Control, IoT Smart Control						
Power Factor	0.95						
Lifespan	100,000hours						
Power Cord	0.3M						
Housing Color	Black, Grey, Bronze						
Work Temp	-45°C to +50°C (-49°F to 122°F)						
Supports	Wall Bracket, Hanging Ring, 180° U-Bracket, 360° U-Bracket, 180° U-Bracket + Slip Fitter						
Warranty	5 years						
Certifications	cETLus, DLC Premium, RoHS						
Dimension (mm & in)	351x410x175mm 13.8x16.1x6.9in	448x410x175mm 17.6x16.1x6.9in	448x410x175mm 17.6x16.1x6.9in	542x410x175mm 21.3x16.1x6.9in	542x410x175mm 21.3x16.1x6.9in	702x410x175mm 27.6x16.1x6.9in	850x410x175mm 33.8x16.1x6.9in

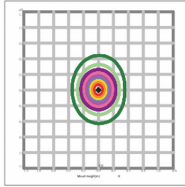
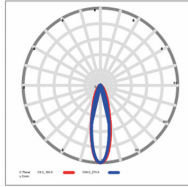
FLOODLIGHT

PQ-FLEL

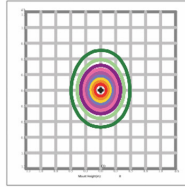
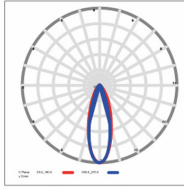
PHOTOMETRICS

Suitable for a wide range of applications, it offers a choice of 13 optics for efficient and effective lighting. Precise light control and optimum light distribution help maximise comfort and energy savings.

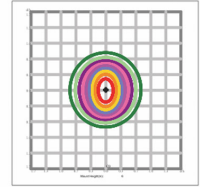
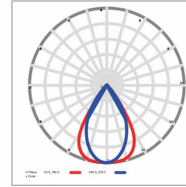
25°(TYPE V -VS)



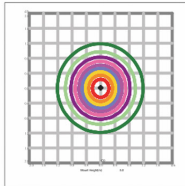
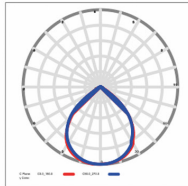
30°(TYPE V -VS)



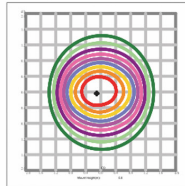
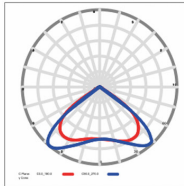
60°(TYPE V -VS)



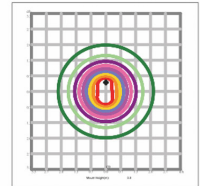
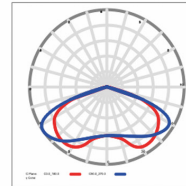
90°(TYPE V -VS)



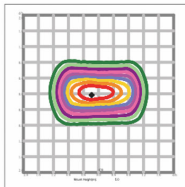
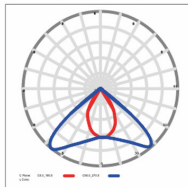
110° (TYPE V -VS)



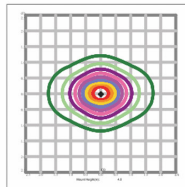
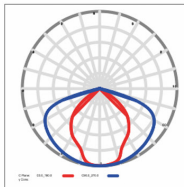
140° (TYPE V -VS)



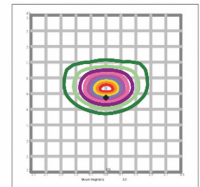
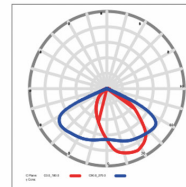
60×100°(TYPE I -VS)



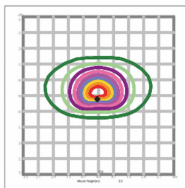
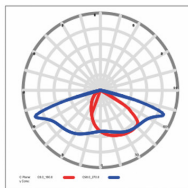
90×145°(TYPE I -VS)



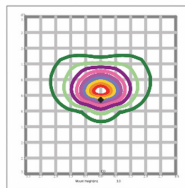
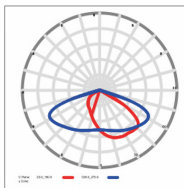
70×130°(TYPE II -S)



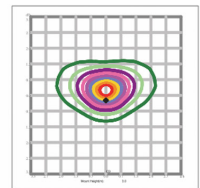
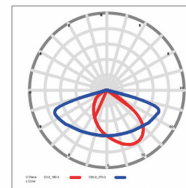
80×150°(TYPE III -M)



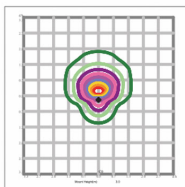
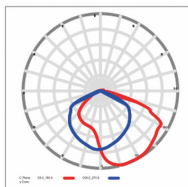
80×145°(TYPE III -S)



80×150°(TYPE III -S)



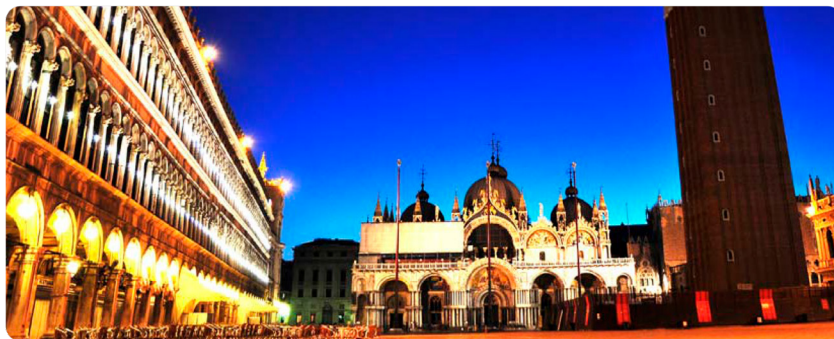
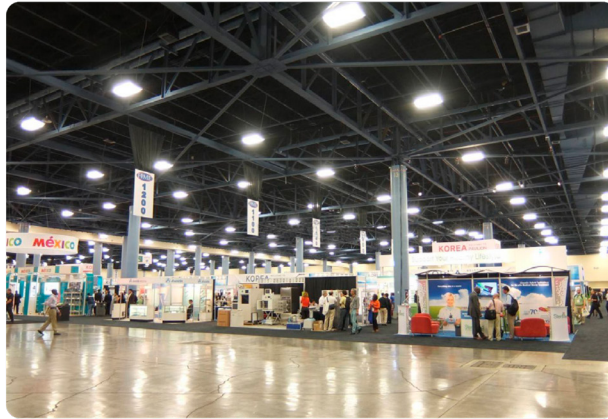
85×125°(TYPE IV -VS)



FLOODLIGHT

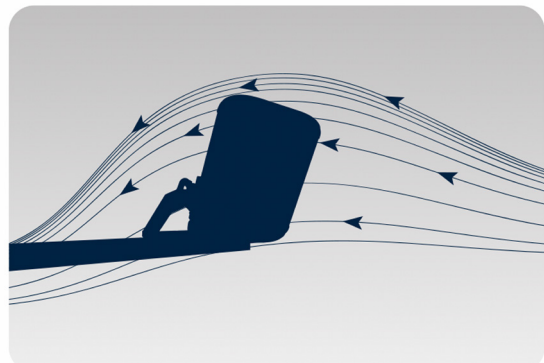
PQ-FLEL

APPLICATIONS



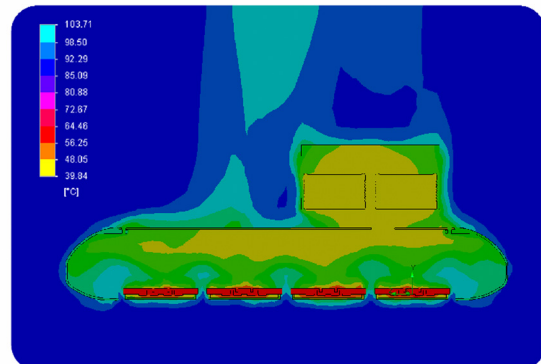
WIND RESISTANCE MINIMIZATION

It is essential to consider the wind resistance of the flood lights and their suitability for existing or proposed installation in the outdoors. Please note that flood lights mounted horizontally on the ground, such as asymmetrical distribution help to reduce wind resistance and allow better control of spill light.



THERMAL OPTIMIZATION

The proprietary thermal efficiency design with passive cooling maximizes heat dissipation to ensure safe operation and good lifetime performance of the luminaire in high temperature environments.



FLOODLIGHT

PQ-FLEL



INSTRUCTIONS FOR ORDERING

Model	Color Temperature (CCT)	Power (W)	Input Voltage (V)	Housing Color	Beam Angle
PQ-FLEL	035K = 3500K	075W	120V = 100-277VAC	RAL9017 = Black RAL7045 = Grey RAL8019 = Bronze	025D = 25°
	041K = 4000K-4500K	100W			030D = 30°
	045K = 4500K	150W			060D = 60°
	051K = 5000K-5500K	200W			090D = 90°
	055K = 5500K	240W	347V = 200-480VAC		110D = 110°
		300W			140D = 140°
		450W			60100D = 60x100°
					90145D = 90x145°
					70130D = 70x130°
					80145D = 80x145°
					80150DS = 80x150°(S)
					80150DM = 80x150°(M)
					80125D = 80x125°
Options Sensor Type		Options Support			
SM = Microwave		HR = Hanging Ring			
P = Photocell		UB180 = 180° U-Bracket			
RC = Remote Control		UB360 = 360° U-Bracket			
SC = IoT Smart Control		UB180SF = 180° U-Bracket + Slip Fitter			

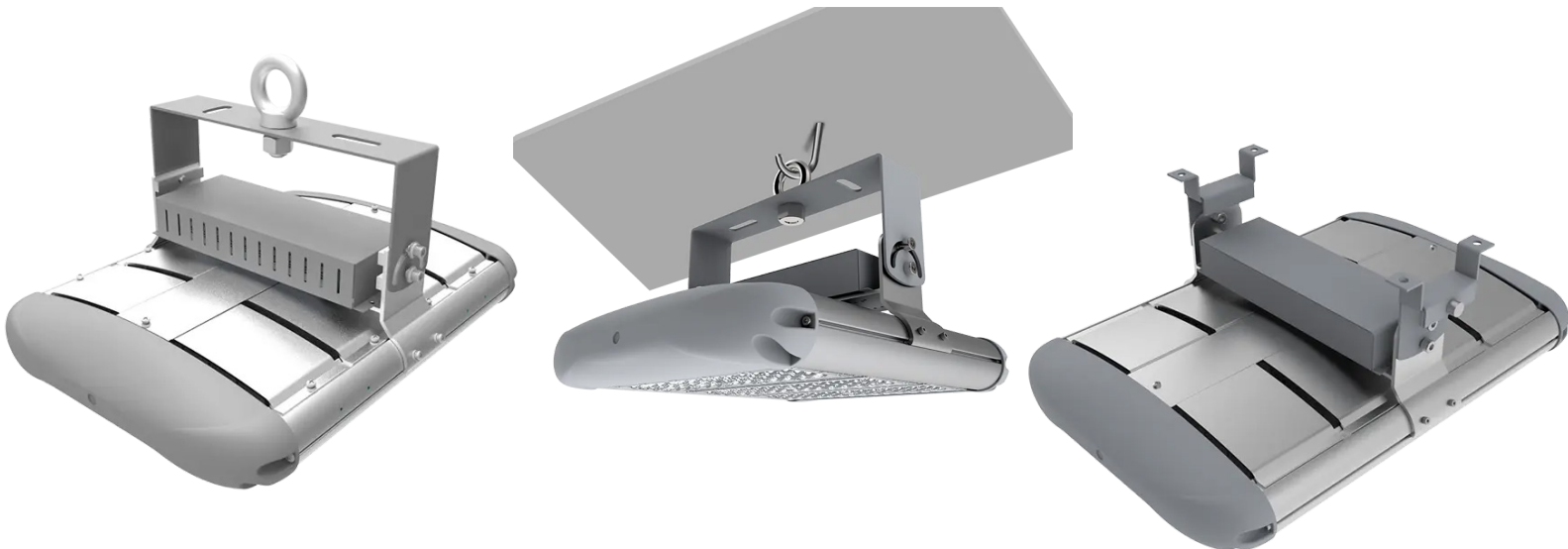
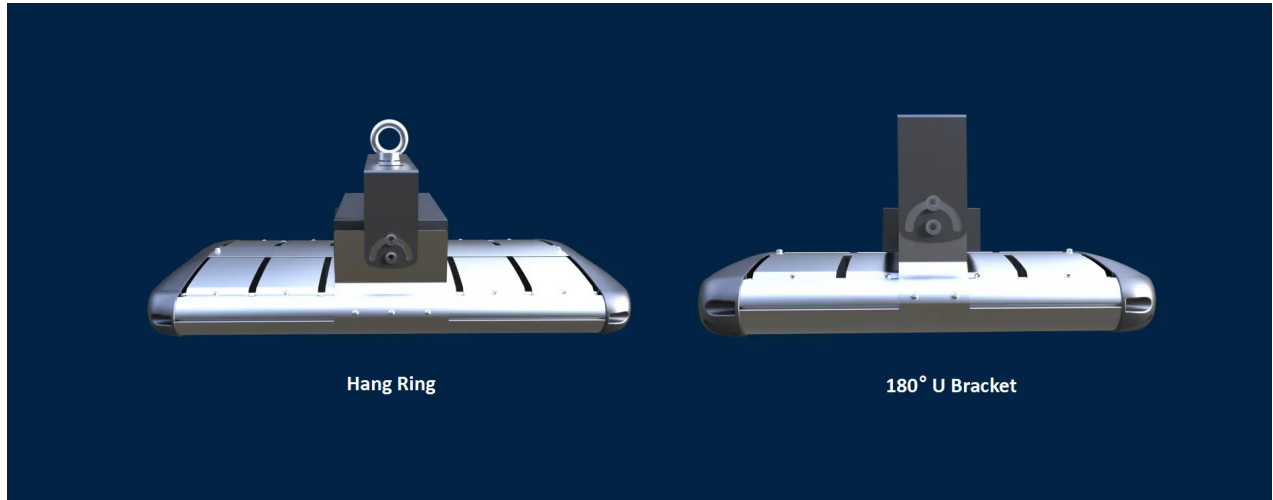
Catalog Number for Example: PQ-FLEL-055K-200W-347V-RAL9017-70130D-P-UB360

FLOODLIGHT

PQ-FLEL

INSTALLATION

For high performance and long term reliability, the light should be installed in free air.



Hanging Ring Mount

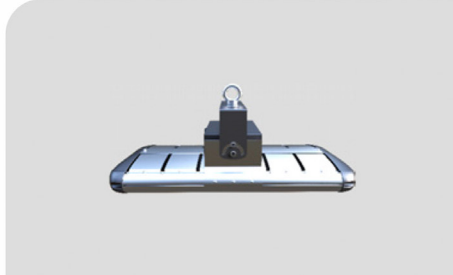
1. Tighten the NUT attached to the hanging ring to ensure the hanging ring is securely connected to the light fixture.
2. Hang the ring to the field supplied by the mounting hook or chain.
3. Wiring. (Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)

FLOODLIGHT

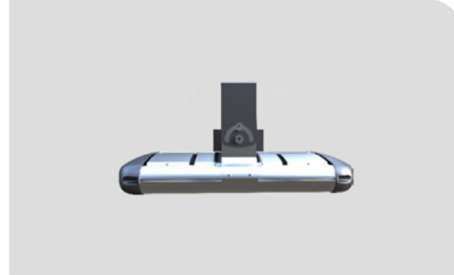
PQ-FLEL

INSTALLATION

Hanging Ring



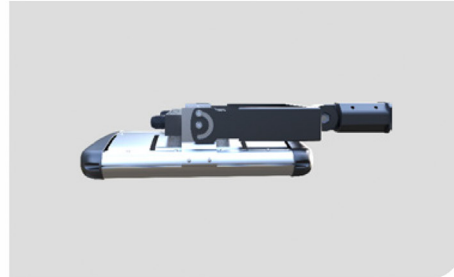
180° U Bracket



**360° Heavy Duty
U Bracket**



**180° Heavy Duty
U Bracket + Slip Fitter**



Universal Bracket

1. Rotate the bracket to the desired angle and tighten screw to lock it.
2. Bolt the universal mounting bracket to the field mounting point. Bolt the center point before the two side points. Tighten the bolts to wrench tight.
3. Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)

