

FLOODLIGHT

PQ-FLND

With a choice of different optics, FLND ensures lighting design flexibility to fit different stadium architectures and high lighting quality, compliant with international broadcasting standards for any type of sports. It has external driver box, supporting either separate for use at a distance from the floodlight, or pre-fixed onto the fixture for ease of installation and lower initial cost.

- Light Efficacy 160 to 165 LPW
- Ultra Bright, Up to 192,000Lm
- IP66



FLOODLIGHT					
MODEL	Color Temperature (CCT)	Power (W)	Beam Angle	Dimensions (mm)	Input Voltage (V)
PQ-FLND	035K = 3500K 041K = 4000K-4500K 045K = 4500K 051K = 5000K-5500K 055K = 5500K	120W	22°	352 x 370 x 175	120V = 100-277VAC 347V = 200-480VAC
		200W	30°	446 x 370 x 175	
		300W	45°	540 x 370 x 175	
		400W	60°	619 x 410 x 175	
		600W	90°	713 x 410 x 180	
		800W	110°	910 x 420 x 180	
		960W	150°	1004 x 420 x 180	
		1200W	60×100°	1192 x 420 x 180	
			70×135°		
			75×150°		
			40×100°		
			60×120°		
			80×150°		

CERTIFICATIONS



FLOODLIGHT

PQ-FLND

SPECIFICATIONS

Model	PQ-FLND
Power (W)	120 / 200 / 300 / 400 / 600 / 800 / 960 / 1200 W
Input Voltage	100-277VAC, 200-480VAC
LED Chip	Philips Lumileds
CRI	≥70
CCT	3500K, 4000K, 4500K, 5000K, 5500K
Beam Angle	22°, 30°, 45°, 60°, 90°, 110°, 150° 60×100°, 70×135°, 75×150°, 40×100°, 60×120°, 80×150°
IP & IK	IP66, IK10
Driver Brand	Inventronics, Sosen
Sensor Type	Microwave, Photocell, Remote Control, IoT Smart Control
Power Factor	0.95
Lifespan	150,000hours
Power Cord	0.3M
Fixture Material	Aluminum Alloy
Housing Color	Grey, Bronze
Work Temp	-30°C to 50°C (-22°F to 122°F)
Humidity	15% to 95% RH
Supports	Short Arm U Bracket, U Bracket, Long Axial Mount, Short Arm U Bracket, Short Axial Mount + Slip Fitter, Short Arm U Bracket, Short Axial Mount + Horizontal Arm, U Bracket Edge, Long Axial Mount + Slip Fitter, U Bracket Edge, Long Axial Mount + Horizontal Arm
Warranty	5 years
Certifications	cETLus, DLC Premium, RoHS, CB



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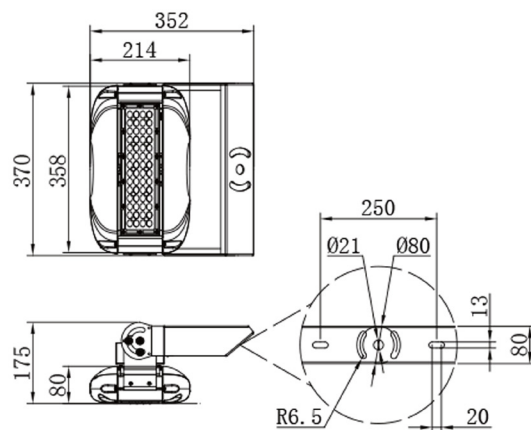
SPECIFICATIONS						
Power	No. of Modules	Efficacy	Total Lumen	Net Weight	EPA	Dimensions
120W	1	160LPW	19,200lm	5.4kg 11.9lbs	/	352x370x175mm 13.9x14.6x6.9in
200W	2	165LPW	33,000lm	6.5kg 14.3lbs	/	446x370x175mm 17.6x14.6x6.9in
300W	3	165LPW	49,500lm	7.5kg 16.5lbs	1.04ft2@30° 1.36ft2@45° 1.62ft2@60°	540x370x175mm 21.3x14.6x6.9in
400W	4	165LPW	66,000lm	7.9kg 17.4lbs	1.25ft2@30° 1.66ft2@45° 1.98ft2@60°	619x410x175mm 24.4x16.1x6.9in
600W	5	160LPW	96,000lm	12.5kg 27.6lbs	1.36ft2@30° 1.96ft2@45° 2.35ft2@60°	713x410x180mm 28.1x16.1x7.1in
800W	7	160LPW	128,000lm	17.5kg 38.6lbs	1.42ft2@30° 1.98ft2@45° 2.47ft2@60°	713x410x180mm 28.1x16.1x7.1in
960W	8	160LPW	153,600lm	20.3kg 44.8lbs	1.59ft2@30° 2.23ft2@45° 2.77ft2@60°	1004x420x180mm 39.5x16.5x7.1in
1200W	10	160LPW	192,000lm	25.7kg 56.7lbs	1.94ft2@30° 2.71ft2@45° 3.37ft2@60°	1192x420x180mm 46.9x16.5x7.1in

FLOODLIGHT

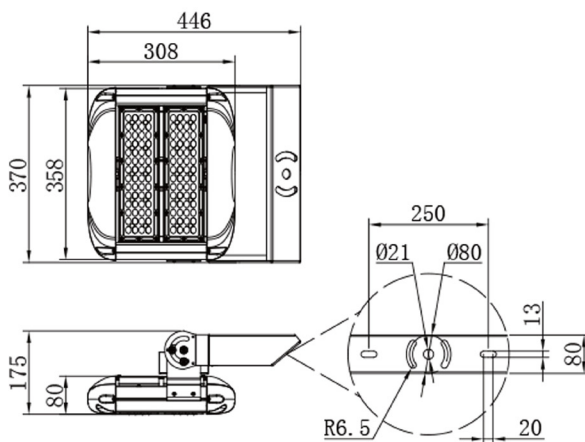
PQ-FLND

DIMENSIONS

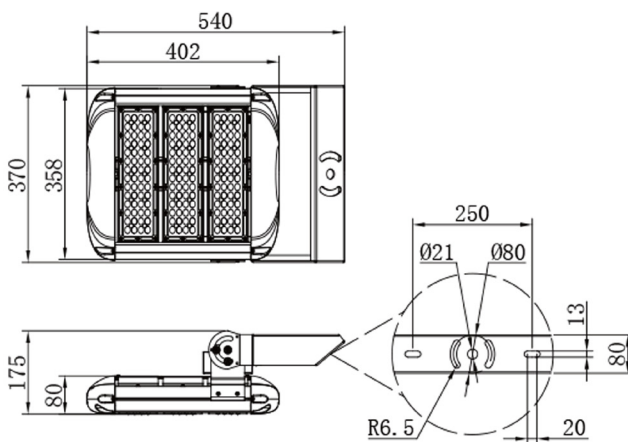
Model: 120W



Model: 200W



Model: 300W

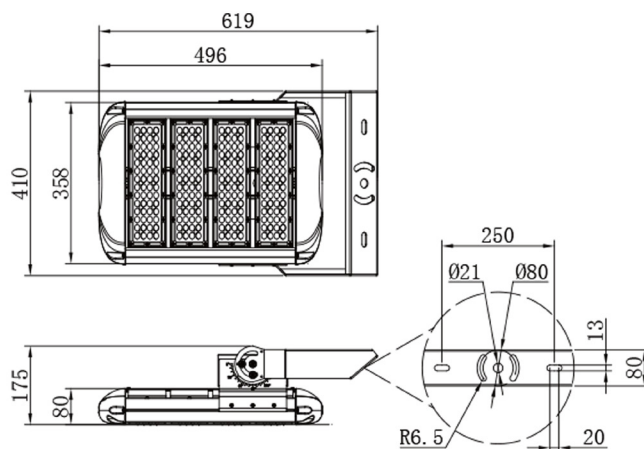


FLOODLIGHT

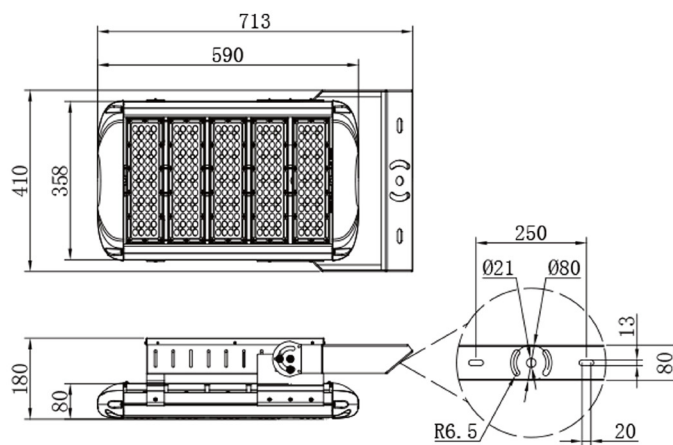
PQ-FLND

DIMENSIONS

Model: 400W



Model: 600W

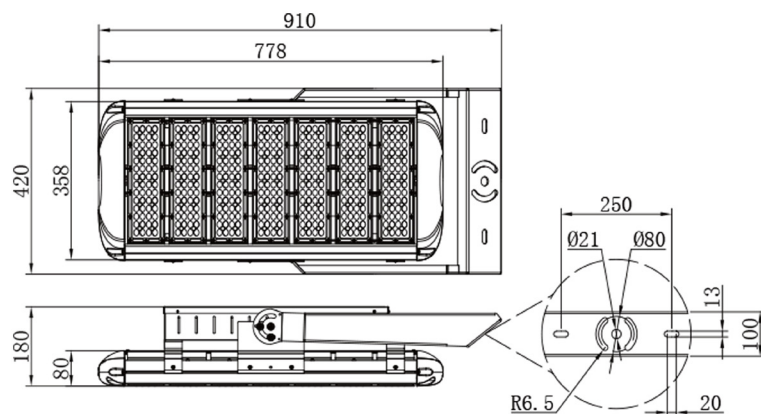


FLOODLIGHT

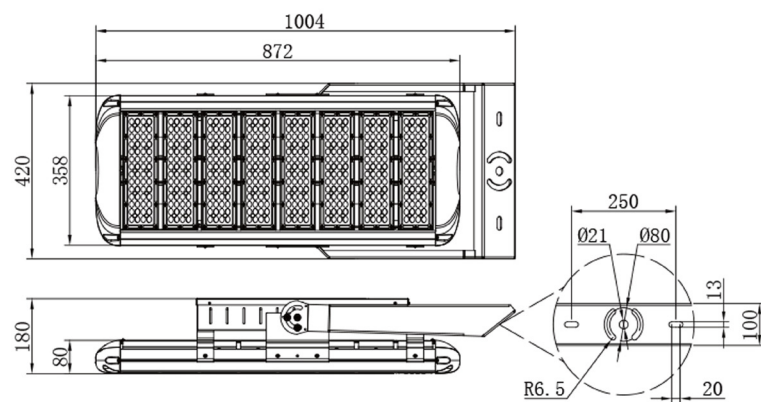
PQ-FLND

DIMENSIONS

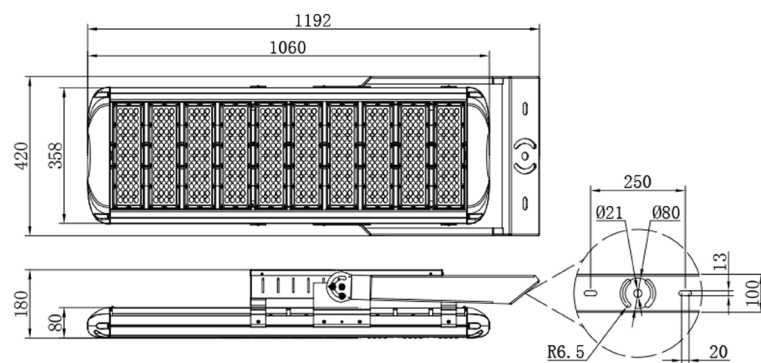
Model: 800W



Model: 960W



Model: 1200W

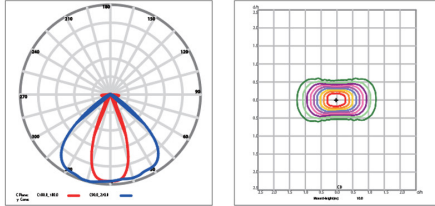


FLOODLIGHT

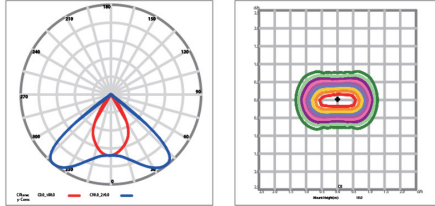
PQ-FLND

PHOTOMETRICS

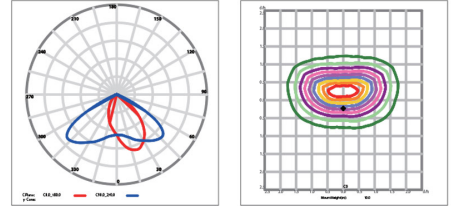
40×100°



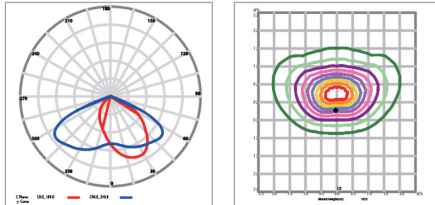
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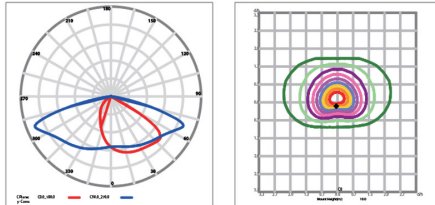
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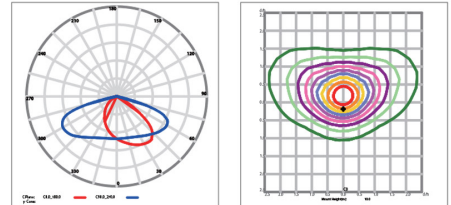
70×135°



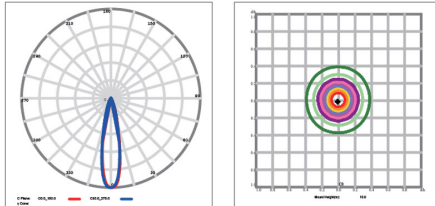
75×150°



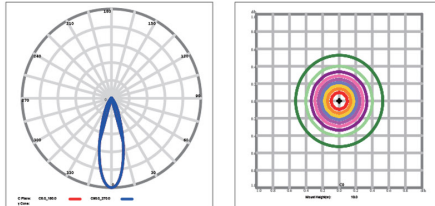
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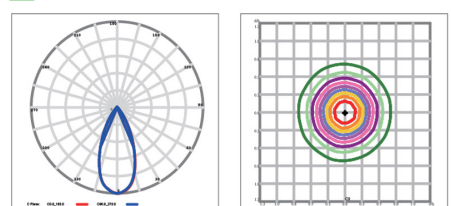
22°



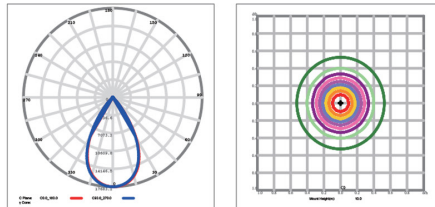
30°



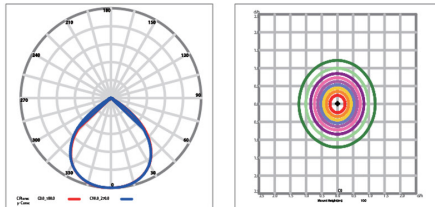
45°



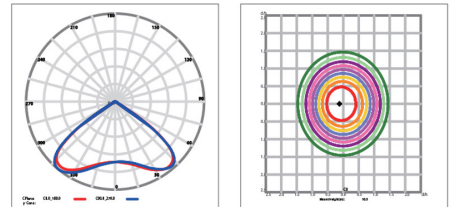
60°



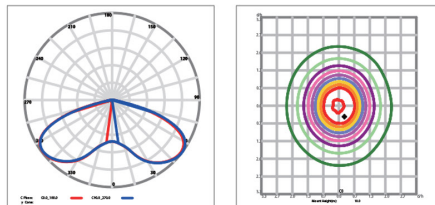
90°



110°



150°



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APPLICATIONS

- Outdoor Sports Arena and Stadium
- General Flood Lighting

INSTRUCTIONS FOR ORDERING

Model	Color Temperature (CCT)	Power (W)	Input Voltage (V)	Housing Color	Beam Angle	Options Sensor Type
PQ-FLND	035K = 3500K	120W	120V = 100-277VAC	RAL7045 = Grey RAL8019 = Bronze	022D = 22°	SM = Microwave P = Photocell RC = Remote Control SC = IoT Smart Control
	041K =	200W			030D = 30°	
	4000K-4500K	300W			045D = 45°	
	045K = 4500K	400W	060D = 60°			
	051K =	600W	090D = 90°			
	5000K-5500K	800W	110D = 110°			
	055K = 5500K	960W	150D = 150°			
		1200W	60100D = 60×100°			
			70135D = 70×135°			
			75150D = 75×150°			
		40100D = 40×100°				
		60120D = 60×120°				
		80150D = 80×150°				

Catalog Number for Example: PQ-FLND-055K-960W-347V-RAL7045-110D-P

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MOUNTING OPTIONS



Universal Bracket(Standard)



**Universal Bracket 180°
Vertical Mount**



**Universal Bracket 360°
Vertical Mount**

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MOUNTING OPTIONS & ACCESSORIES

	Power	Product Code	Description
	120-600W	PQ-UB120-600W	Universal Bracket(Standard)
	120W	PQ-UB120-V180	Universal Bracket 180° Vertical Mount
	200W	PQ-UB200-V180	Universal Bracket 180° Vertical Mount
	300W	PQ-UB300-V180	Universal Bracket 180° Vertical Mount
	300W	PQ-UB300-H180	Universal Bracket 180° Horizontal Mount
	400W	PQ-UB400-V180	Universal Bracket 180° Vertical Mount
	400W	PQ-UB400-H180	Universal Bracket 180° Horizontal Mount
	600W	PQ-UB600-V180	Universal Bracket 180° Vertical Mount
	800-1200W	PQ-UB800-V180	Universal Bracket 180° Vertical Mount
	120-1200W	PQ-UB120-1200W	Universal Bracket 360° Vertical Mount
	120-800W	PQ-SA120-800W	Side Arm
	960-1200W	PQ-SA960-1200W	
	120-800W	PQ-SF120-800W	Slip Fitter
	960-1200W	PQ-SF960-1200W	