



LED Anti-explosive Lights

UL844: Class I Division 2 Group A B C D

ATEX: Group II Zone 1 & Zone 2, Zone21 & Zone22

IECEX: Group II Zone 1 & Zone 2, Zone21 & Zone22

CNEX: Group II Zone 1 & Zone 2, Zone21 & Zone22





FEATURES

- 1.High Efficacy low decay 700MA LED chip
- 2.High heat transmit die cast housing ADC12 aluminum, patent design, IP68
- 3.Shock and vibration resistant tempered glass, super clear 95% light transmit rate
- 4.Anti-glare.Scientific optical reflector design, making the light more focus,even, comfortable for eyes
- 5.Original Bridgelux LED source,high luminous efficacy and long lifespan
- 6.MEANWELL HLG series driver, the highest level of MEANWELL driver
- 7.Surface treatment-Powder painted, salt resistant and chemical resistant, also hard for dust to accumulate on the surface
- 8.2.0mm aluminum PCB with heat index 2.5, keep LED working under cool temperature
- 9.Working temperature: -40 ℃ to 75 ℃.
- 10,IK09 robust design
- 11,UL1598A certified housing, suitable for marine

Certification: ATEX, UL, CUL, DLC, UL1598A,PSE, SAA&C-TICK, CQC, CE, ROHS, IP68

APPLICATIONS

1. Suitable for gas station, petroleum and chemical industries, coal mine, military, airport, warehouse, marine etc.
2. Zone1 & Zone2 gaseous environment, and Zone21 & Zone22 dust environment.
3. Class I Division 2 Group A, B, C, D



Chemical Factory



Offshore Oil Mining



Military Ship



Army Base



Gas Station



Petrol Process Factory



Traning Camp



Navy Port

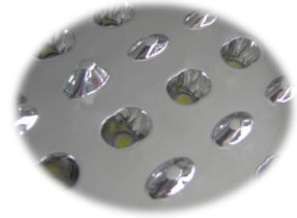
PGP

Led Power

DETAILS



UL TUV CB EMC CE certified MW HLG series power driver, IP67 protective level, 7 years warranty.



The integration of reflective optical design, install directly in the light body, make the light more focus and comfortable for eyes.



High pressure die casting alloy aluminum housing, create through high pressure(1600 ton) in one piece, high explosion proof level and IP68 waterproof protection.



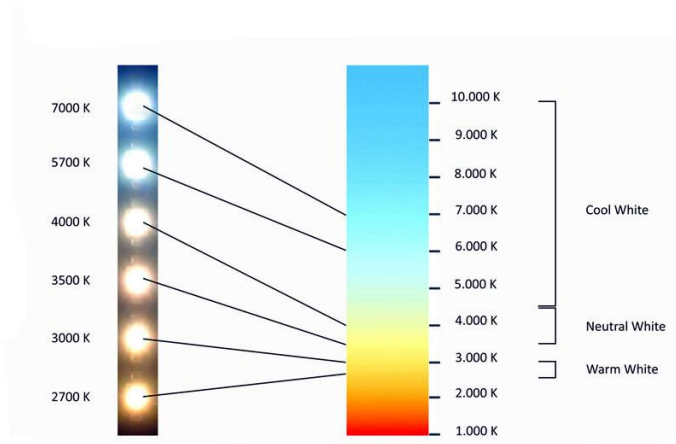
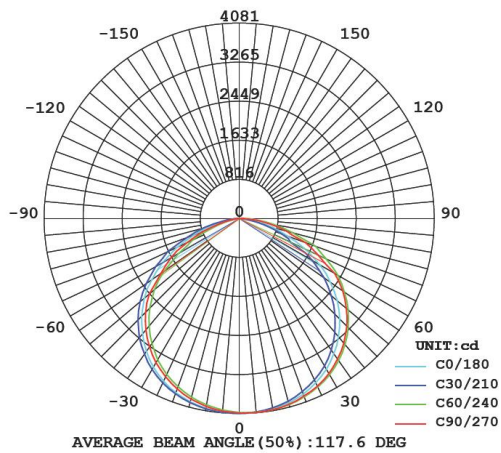
LED chip with 2.0mm thick Aluminum PCB board installed directly onto Aluminum Shell. As a result, the whole lamp is integrated as a radiator for the LED chips. Besides, the distance of LEDs are good enough for spreading heat, to ensure long lifespan, and with special circuit design, each LED chip won't affect the others when fail to work, so the lamp will keep working even if some LED chips stopped.



TECHNICAL SPECIFICATION

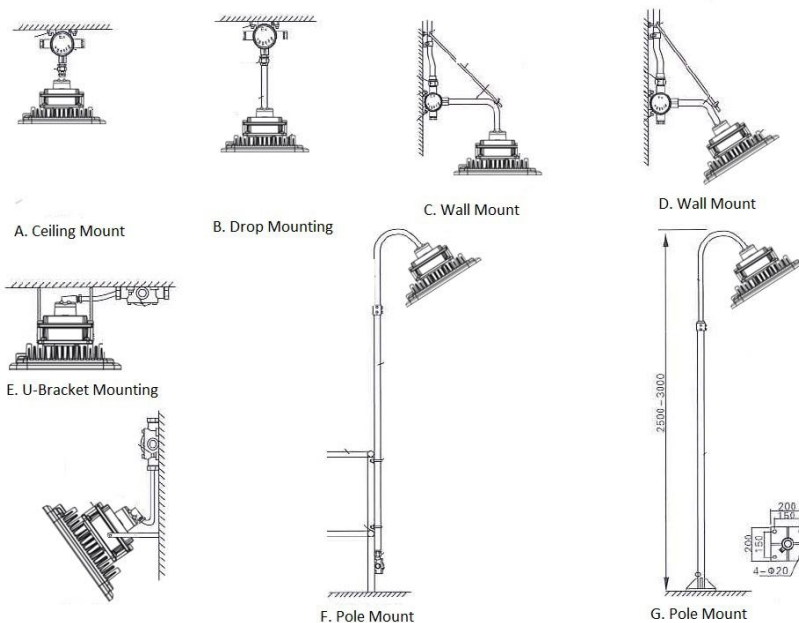
Item No	Product Specification					Certificate for Europe	Certificate for US & Canada	Certificate for Pacific		
	Rated Power	Marking	Size(mm)	Beam	IP					
				Angle	Rating					
PGP-J200	185W	Max 200W	400*400*185mm	120 °x120 °	IP68	ATEX/CE /ROHS	UL/CUL/DLC /UL844	IECEX /CNEX		
PGP-J150	150W	Max 155W	400*400*185mm	120 °x120 °	IP68	ATEX/CE /ROHS	UL/CUL/DLC /UL844	IECEX /CNEX		
PGP-J120	120W	Max 125W	400*400*185mm	120 °x120 °	IP68	ATEX/CE /ROHS	UL/CUL/DLC /UL844	IECEX /CNEX		
PGP-J100	100W	Max 105W	300*300*175mm	120 °x120 °	IP68	ATEX/CE /ROHS	UL/CUL/DLC /UL844	IECEX /CNEX		
PGP-J80	80W	Max 85W	300*300*175mm	120 °x120 °	IP68	ATEX/CE /ROHS	UL/CUL/DLC /UL844	IECEX /CNEX		
PGP-J60	60W	Max 65W	300*300*175mm	120 °x120 °	IP68	ATEX/CE /ROHS	UL/CUL/DLC /UL844	IECEX /CNEX		
PGP-J40S	40W	Max 45W	200*200*270mm	120 °x120 °	IP68	ATEX/CE /ROHS	UL/CUL/DLC /UL844	IECEX /CNEX		
LED Specification					Driver Specification					
Item No.	LED QTY	Lumens	Lumen	CCT	CRI	Input V	Input Current	PF	THD	HLG MEANWELL Driver with IP68 protective Aluminum Housing
			Lm/W							
PGP-J200	192 pcs	23125	125Lm/W	Cool White: 5700-6500K	>70	AC100-277V	350mA	>0.98	<10%	
PGP-J150	192 pcs	18750	125Lm/W	Cool White: 5700-6500K	>70	AC100-277V	350mA	>0.98	<10%	
PGP-J120	192 pcs	15000	125Lm/W	Cool White: 5700-6500K	>70	AC100-277V	350mA	>0.98	<10%	
PGP-J100	108pcs	12500	125Lm/W	Natural White: 3700-4500K	>70	AC100-277V	350mA	>0.98	<10%	
PGP-J80	108pcs	1000	125Lm/W	Natural White: 3700-4500K	>70	AC100-277V	350mA	>0.98	<10%	
PGP-J60	108pcs	7500	125Lm/W	Natural White: 3700-4500K	>70	AC100-277V	350mA	>0.98	<10%	
PGP-J40S	36pcs	5000	125Lm/W	Warm White: 2700-3500K	>70	AC100-277V	350mA	>0.98	<10%	

PHOTOMETRIC CURVE



120 x120 ° (40W/100W/185W)

INSTALLATION



- Fixture is equip with Bracket
- Connection outlet conduit: 3/4" NPT
- Conduit and pole are not included in products.
- All installation must conduct by qualify electrician.
- Seal must be placed in each conduit

MOUNTING KITS OPTIONS

1. U shaped bracket



2. Adjustable Wall/Ceiling Mount Plate



3. High bay mount hook



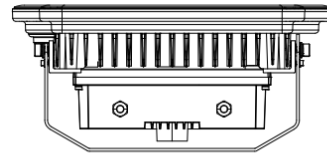
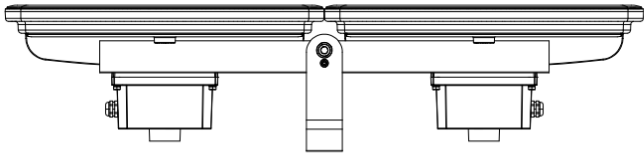
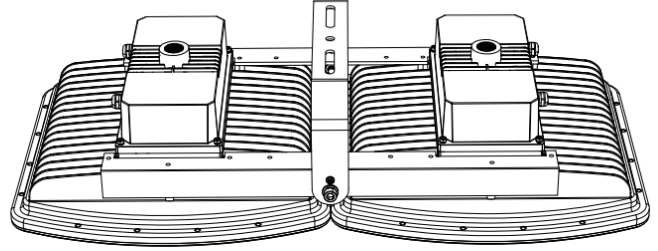
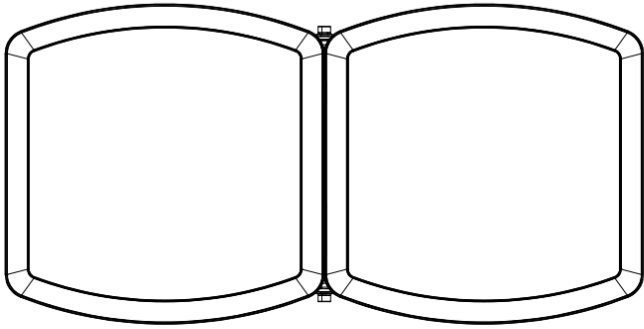
4. Recessed mount holder



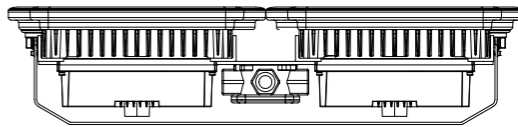
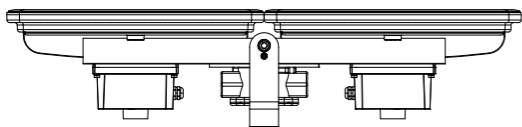
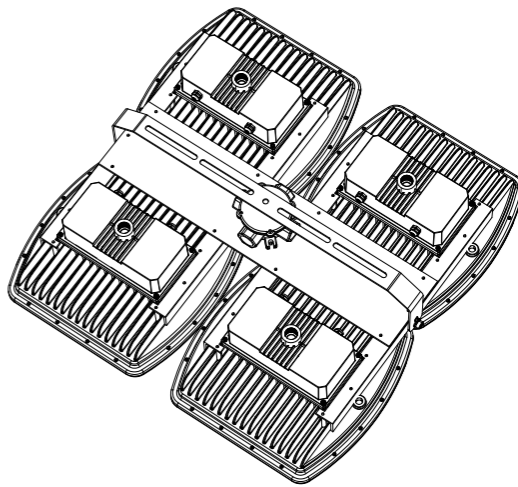
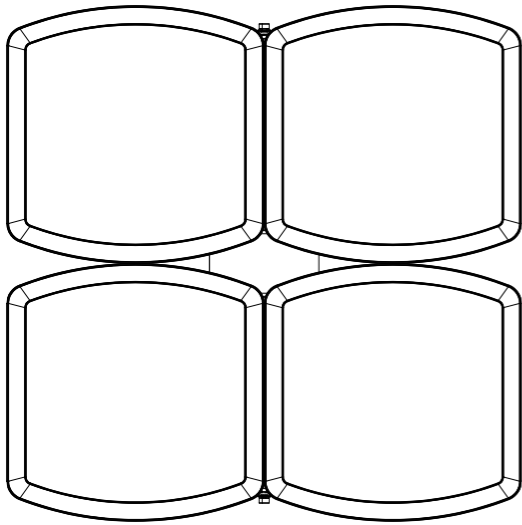
PGP

Led Power

2 PCS PGP series combine together to 370W



4 PCS PGP series combine together to 740W



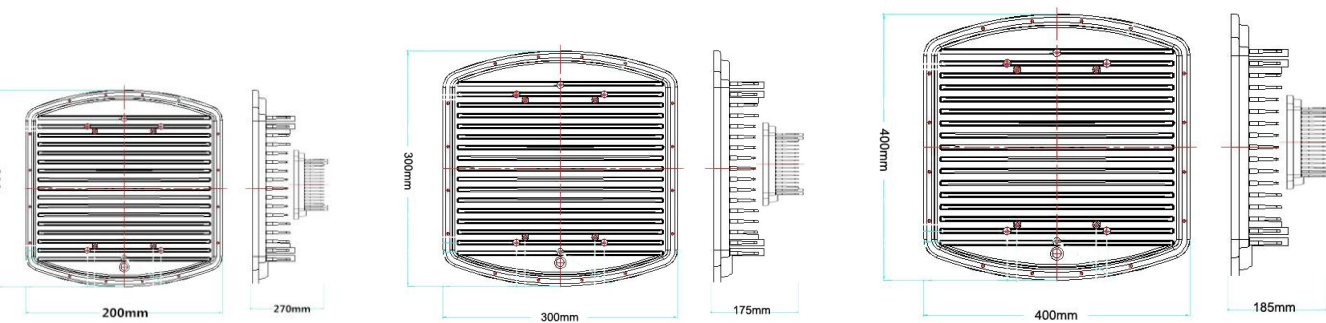
PGP

Led Power

Wireless brackets



Dimensions

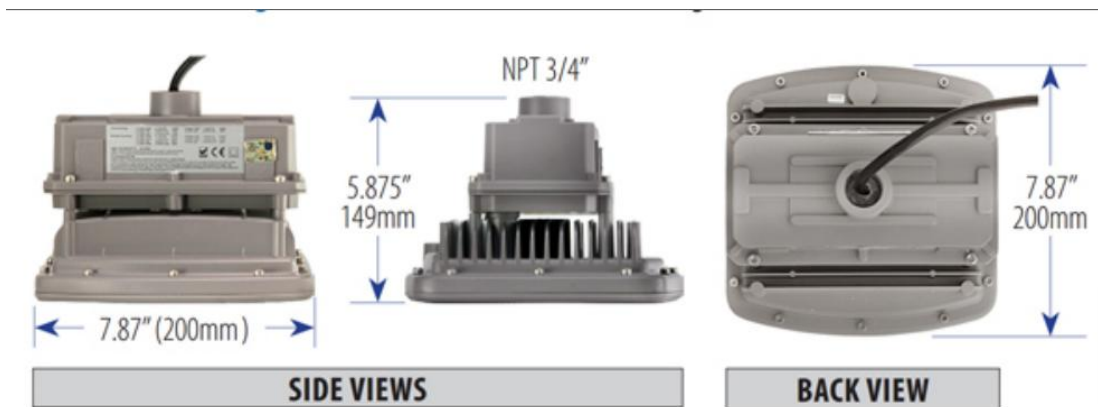


PGP-J40S

PGP-J100

PGP-J200

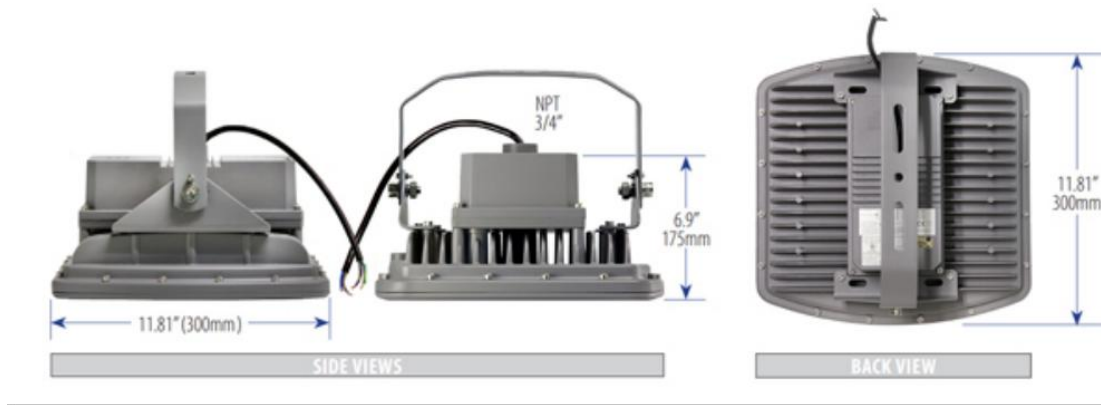
PGP-J40



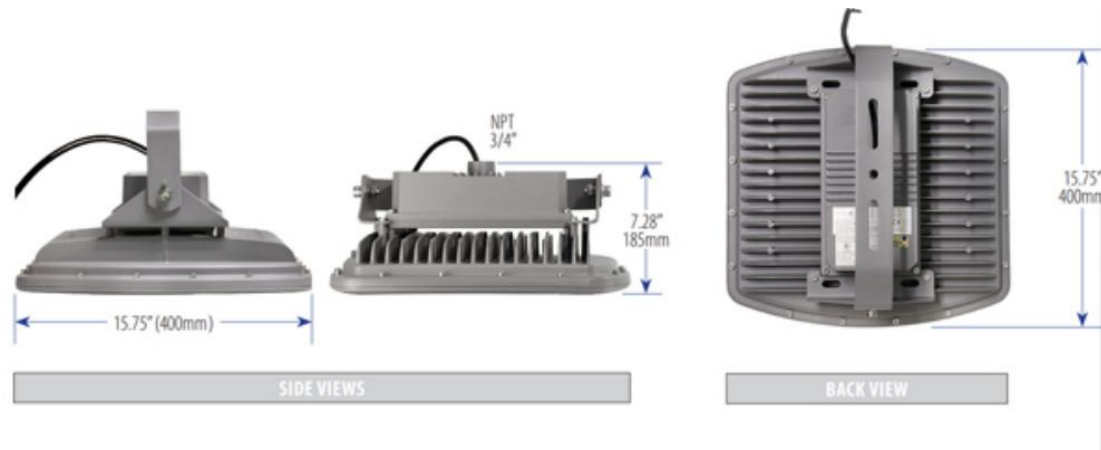
PGP

Led Power

PGP-J100



PGP-J200



Packing Information				
Item No.	Outside Carton	QTY/CTN	N.W.	G.W.
PGP-J120,150,200	460x460x240mm	1	11.5kgs	12.5kgs
PGP-J60,80,100	370x370x240mm	1	7.5kgs	8.5kgs
PGP-J40S	360*250x200mm	1	4kgs	4.5kgs