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## LED Anti-explosive Lights

**ATEX: Group II Zone1&Zone2, Zone21&Zone22**

**UL844: Class I Division 2 Group A B C D**





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## FEATURES

- 1.High Efficacy low decay 700MA 45 Mil 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: -30° C to 50° C.

Certification: ATEX, UL, CUL, DLC, 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.

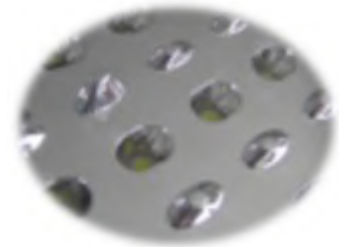




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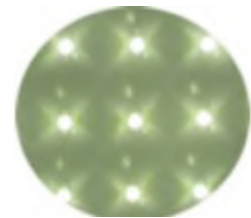
UL TUV CB EMC CE certified MW HLG series power driver, IP67 protective level, 7 years warranty.



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.



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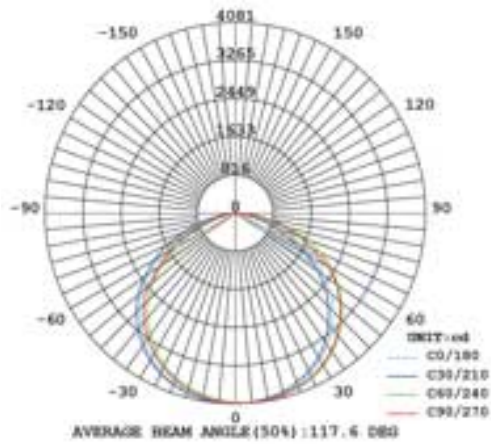
Item No	Product Specification					Certificate for Europe	Certificate for US&Canada			
	Rated Power	Size(mm)	With reflector(RF) or not	Beam	IP					
				Angle	Rating					
CES-J200	185W	400*400*185mm	NO	120°x120°	IP68	CE/ROHS	UL/CUL/DLC/UL844			
CES-J150	150W	400*400*185mm	NO	120°x120°	IP68	CE/ROHS	UL/CUL			
CES-J120	120W	400*400*185mm	Optional	60°x30°(RF) /120°x120°	IP68	ATEX/CE/ROHS	UL/CUL			
CES-J100	100W	300*300*175m	NO	120°x120°	IP68	ATEX/CE/ROHS	UL/CUL/DLC/UL844			
CES-J80	80W	300*300*175mm	Optional	60°x30°(RF) /120°x120°	IP68	ATEX/CE/ROHS	UL/CUL			
CES-J60	60W	300*300*175mm	Optional	60°x30°(RF) /120°x120°	IP68	ATEX/CE/ROHS	UL/CUL			
CES-J40S	40W	200*200*270mm	Optional	120°x120°	IP68	ATEX/CE/ROHS	UL/CUL/DLC/UL844			
LED Specification					Driver Specification					
Item No.	LED QTY	Lumens	Lumen Lm/W	CCT	CRI	Input V	Input Current	PF	THD	Type
CES-J200	156 pcs	18500	100Lm/W	Cool White:5700	>70	AC100-277V	350mA	>0.98	<10%	HLG MEANWELL driver with IP68 protective Aluminum Housing
CES-J150	144 pcs	15000	100Lm/W	-6500K	>70	AC100-277V	350mA	>0.98	<10%	
CES-J120	96 pcs	12000	100Lm/W	Natural White:3700	>70	AC100-277V	350mA	>0.98	<10%	
CES-J100	84 pcs	10000	100Lm/W	-4500K	>70	AC100-277V	350mA	>0.98	<10%	
CES-J80	60pcs	8000	100Lm/W	Warm White:2700 -3500K	>70	AC100-277V	350mA	>0.98	<10%	
CES-J60	60pcs	6000	100Lm/W		>70	AC100-277V	350mA	>0.98	<10%	
CES-J40S	24pcs	4000	100Lm/W		>70	AC100-277V	350mA	>0.98	<10%	



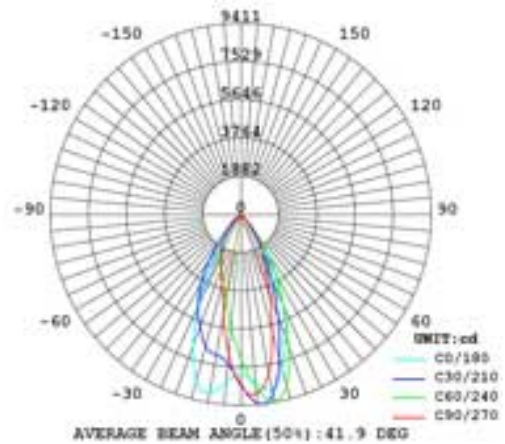
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## TECHNICAL SPECIFICATION

### PHOTOMETRIC CURVE

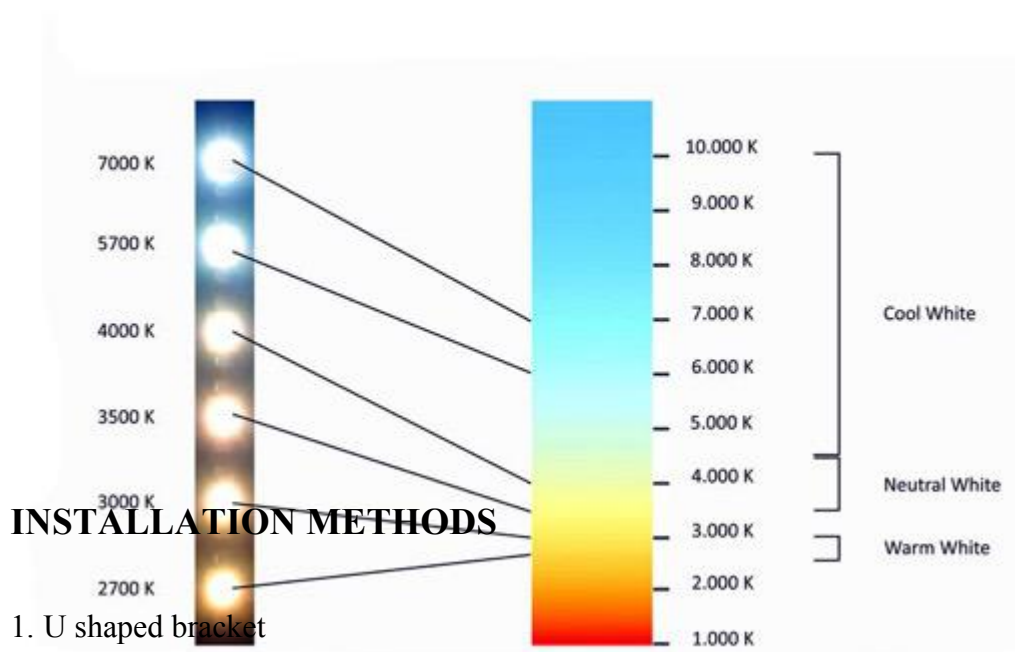


120°x120° (40W/100W/150W/185W)



60°x30°(RF)(80W/120W)

## COLOR TEMPERATURE



### INSTALLATION METHODS

1. U shaped bracket



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## 2. Adjustable Wall/Ceiling Mount Plate



## 3. High bay mount hook



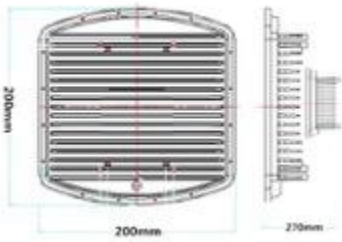
## 4. Recessed mount holder



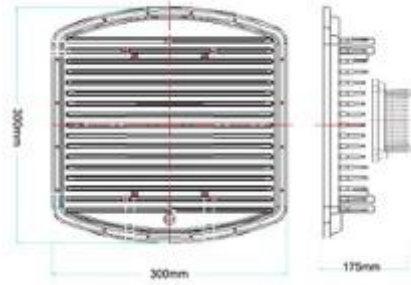




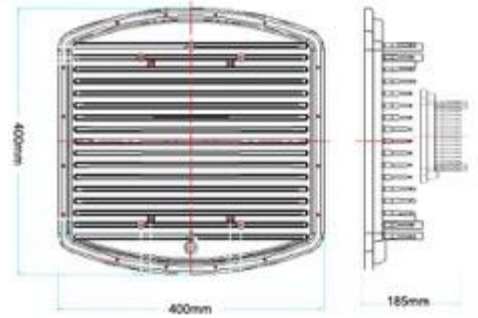
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20W-40W



50W-100W



120W-185W

<b>Packing Information</b>				
<b>Item No.</b>	<b>Outside Carton</b>	<b>QTY/CTN</b>	<b>N.W.</b>	<b>G.W.</b>
<b>CES-J200</b>	<b>460x460x240mm</b>	<b>1</b>	<b>11.5kgs</b>	<b>12.5kgs</b>
<b>CES-J150</b>	<b>460x460x240mm</b>	<b>1</b>	<b>11.5kgs</b>	<b>12.5kgs</b>
<b>CES-J120</b>	<b>460x460x240mm</b>	<b>1</b>	<b>11.5kgs</b>	<b>12.5kgs</b>
<b>CES-J100</b>	<b>370x370x240mm</b>	<b>1</b>	<b>7.5kgs</b>	<b>8.5kgs</b>
<b>CES-J80</b>	<b>370x370x240mm</b>	<b>1</b>	<b>7.5kgs</b>	<b>8.5kgs</b>
<b>CES-J60</b>	<b>370x370x240mm</b>	<b>1</b>	<b>7.5kgs</b>	<b>8.5kgs</b>
<b>CES-J40S</b>	<b>360*250x200mm</b>	<b>1</b>	<b>4kgs</b>	<b>4.5kgs</b>



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## CAUTION

1. Read the Manual carefully before installing
2. To avoid risk of explosion and electric shock, the product must be installed, inspected and maintained by a professional electrician.
3. Be sure the electricity is off before installing or maintaining the light
4. The input voltage must not exceed the limit of the range AC100-277V
5. Working temperature must not exceed the limit of the range -30° C to 50° C.

If you have any questions, please contact:

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