WPGD series

This LED barn light is a reliable and cost-effective light fixture that includes integrated LEDS, so no bulbs are required. It consumes 35 watts or 72 watts and produces 120LPW light efficiency to replace100 watt metal halide fixtures. The LED barn light is easy to mount and comes fully gasketed foroutdoor installation, which can be mounted on the wall with a wall bracket or to a pole with an armmount. Also, a photocell sensor is included for dusk to dawn operations and it is effective for securitand perimeter lighting LED barn lights and LED yard lights provide energy efficient security and arealighting for rural and residential areas, such as barn lights, storage yards, parking lots, service roads andbuilding perimeters.

FEATURES

- ETL/cETL listed for wet and outdoor locations
- 120 lumens per watt
- 100-277VAC input voltage
- IP65 rated suitable
- Photocell sensor is standard
- 5 years warranty

WPGD series

APPLICATIONS

- Wet areas
- Outside walkways
- Farm buildings
  (Non-corrosive atmosphere)
- Storage yards
- Building lighting
- Car parks
- Entryway
- Security lighting

CONSTRUCTION

- Heavy duty die-cast aluminum housing, fully sealed to be dirt and bug proof
- All-polycarbonate construction
- Built-in photocell sensor
- Integral secondary heat sink to optimize thermal transfer and maximize performance and life of LED
- Driver is mounted in direct contact with the casting for a low operating temperature and long life
- Polyester powder-coated finish, rust and corrosion proof
- Stabilized to extreme climate changes without cracking or peeling
- Dark bronze, black and white finish available

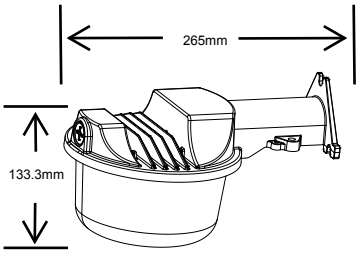
Building lighting

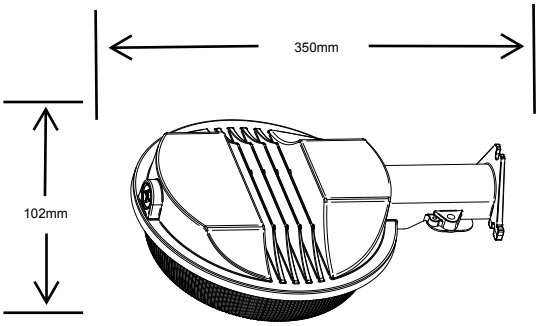
Parking lot lighting

Doorways lighting

Storage yards

DIMENSION:(mm/in)





TECHNICAL SPECIFCATION

- Input Voltage: 100-277VAC
- Power factor: >99%, THD<15%
- Luminous Efficacy: up to 120lm/w
- Colour Rendering Index: > 70Ra
- LED Type:High performance LM80 SMD LED -
Operating Temperature:-30° C up to50°C
(-22° F up to122°F)

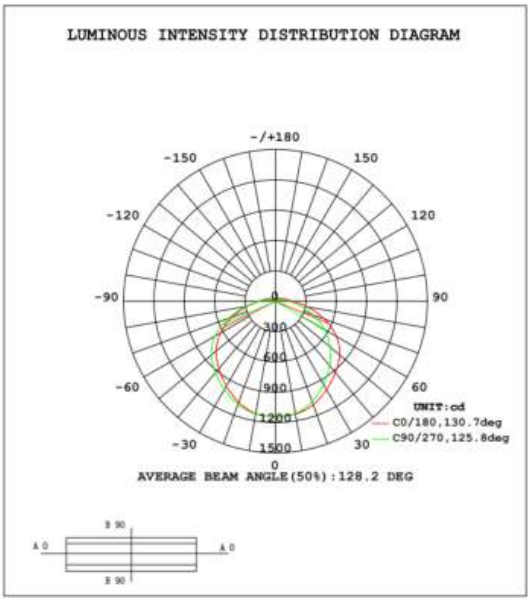
- Color Temperature: 3000K/4000K/5000K/5700K
- Material: Aluminum Housing&durable frosted polycarbonate lens
- Ingress Protection: IP65
- Impact Rating: IK08
- Rated Life: 50.000 hours
- Warranty: 5 years

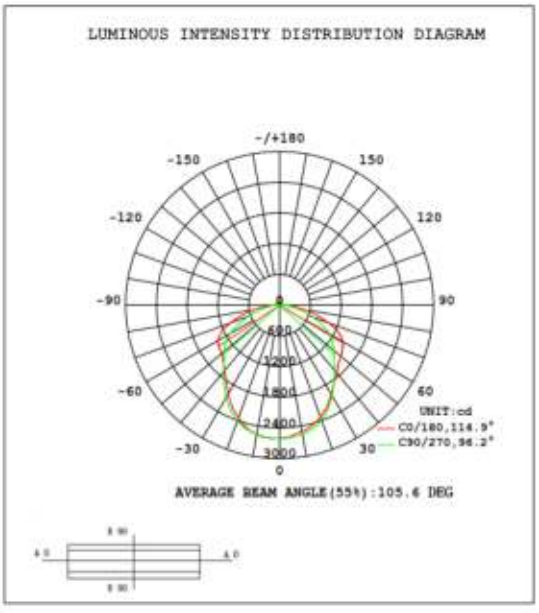
WPGD series

Produce Code	KLWPGD035-XXKPLL-TA-1AA	KLWPGD080-XXKPLL-TA-1AA
Power Consumption(W)	35W	72W
Lumens Delivered(lm)	4200lm	8640lm
Efficacy (lm/W)	120lm/w	120lm/w
CRI	>70	>70
Color Temperature	3000K/4000K/5000K/5700K	3000K/4000K/5000K/5700K
Input Voltage	100-277VAC	100-277VAC
Power Factor	0.90at 277VAC	0.90at 277VAC
Housing	Die-cast aluminum body(Bronze/Black) PC diffuse	Die-cast aluminum body(Bronze/Black) PC diffuse
Installation	Direct mounting& Arm mounting	Direct mounting& Arm mounting
Operating Temperature	-30° C up to50°C (-22° F up to122°F)	-30° C up to50°C (-22° F up to122°F)
Certification	ETL/cETL	ETL/cETL
Warranty	5 years	5 years

LUMINAIRE PHOTOMETRIC

Luminous Intensity Distrib ution Diagram:





PACKGING

Model No.	Qty (pcs)	L*W*H (CM)	NW.(kgs) Per CTN	G.W.(kgs) Per CTN	Meas.(CBM) Per CTN
KLWPGD035	8	58.5*39.5*35.5CM	9.5	10.5	0.08
KLWPGD080	8	60*36*55.5CM	10.5	11.5	0.12

WPGD series

INSTALLATION:

● Direct Mounting Instructions

1. Inspect components to ensure that male and female port threads and sealing surfaces are free of burs, nicks and scratches or any foreign material

2. Drill mounting holes for fixture as shown in Fig. 1.

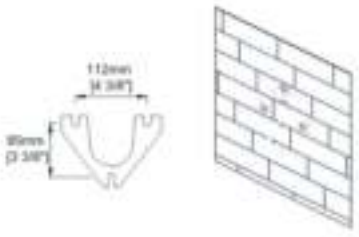


Fig.1

3. Insert two screws (provided) into the two lower-most mounting hole locations, as shown in Fig. 2. Do not tighten the screws fully.

Fig.2

● Arm Mounting Instryctions

1. Inspect components to ensure that male and female port threads and sealing surfaces are free of burs, nicks and scratches or any foreign material

2. Inspect mounting arm; if split-arm is provided, use supplied nut and bolt to assemble arm as shown in Fig. 5.

Fig.5

3. Run extension wiring (by others)through the arm.

4. Follow General Wiring Diagram(Fig. 4) above for connecting extension wiring to luminaire. Make sure the power supply is disconnected before installing and be sure to secure any loose wiring connections safely inside wiring compartment.

5. Insert arm into the U-slot on luminaire. Use the two provided hex screws to secure arm, as shown in Fig.

4. Hook the fixture onto the two inserted screws, then insert and tighten the top screw, as shown in Fig. 3. Finally, tighten the two lower-most screws.

Fig.3

5. Remove wiring compartment cover to access knockout plug. Follow General Wiring Diagram(Fig. 4) above for reference. Make sure the power supply is disconnected before installing and be sure to secure any loose wiring connections safely inside wiring compartment.

6. Secure power supply inside wiring compartment using ½" connector(by others).

7. Secure wiring compartment cover to fixture.

Fig.6

6. Secure clamp onto the base of the arm, as shown in Fig. 7. Ensure that the arm does not rotate.

Fig.7

7. Secure luminaire and arm to surface using four provided mounting screws, as shown in Fig 8 .

Fig.8

8. Using conduit connector (by others) and connection plug (by others), connect extension wiring to power supply.