



YARD/BARN Fixture - G2YD Series

JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

www.jaykal.net

PROJECT NOTES:

21499 Baltimore Ave.

Georgetown, DE 19947

(P) 302-295-0015

(F) 302-295-0016

FEATURES

- Wattages Available: 60W/80W/100W
- CCT : 3500K/4000K/5000K Selectable
- Voltage Input 120-277VAC 50/60Hz
- Motion Sensor Available (Option)



RoHS 
Compliant

Revised 11/4/25

Specifications are typical values and may change without notification

efficiency. illuminated.

G2 LED BARN LIGHT



JAYKAL

SPECIFICATIONS TABLE

MODEL	JLS-G2YD
INPUT VOLTAGE	120-277VAC 50/60Hz
WATTAGE	M1(60W/80W/100W)
EFFICACY	120 LM/W
LUMENS	7,200LM/9,600LM/12,000LM
POWER FACTOR	>0.9
EFFICIENCY OF DRIVER	≥90%
CLASS LEVEL OF DRIVER	Class I
THD	<20%
CRI	Ra>70
L70 HOURS	>50,000
CCT	3500K/4000K/5000K Selectable
SURGE PROTECTION	L-N: 6KV L/N-PE: 6KV
DIMMING	0-10V Dimming
DIMMING POWER RATING	<3mA
OPERATIONAL TEMP.	-40°C to 45°C
IP RATING	IP65
HOUSING	Die-cast Aluminum
FCC	FCC Title 47 CFR Part 18 compliance
CERTIFICATIONS	UL/Comply with DLC

ORDERING GUIDE

EXAMPLE: JLS-G2YD-M1-277-MCCT-N

MODEL	-	WATTAGE	-	VOLTAGE	-	CCT	-	CONTROL
JLS-G2YD		M1 = 60W/80W/100W		277 = 120-277VAC		MCCT = 3500K/4000K/5000K		N = None M = Motion Sensor

Specifications are typical values and may change without notification

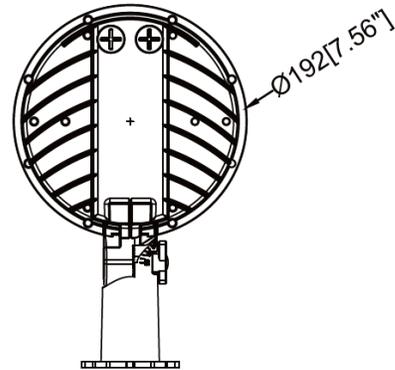
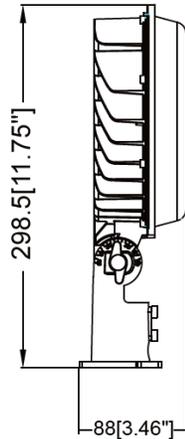
efficiency. illuminated.

G2 LED BARN LIGHT



JAYKAL

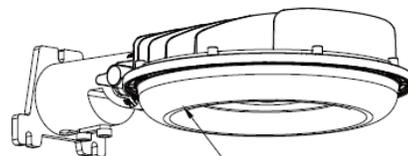
DIMENSIONS (Unit : mm/inch)



100/80/60W

M1 (60/80/100W)

Two types of PC Lens available



PC Lens with Sensor base

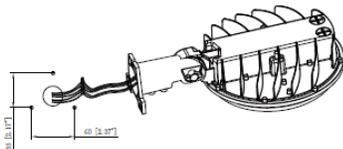


Round PC Lens

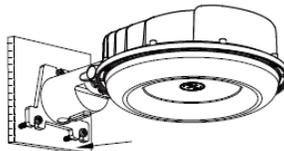
INSTALLATION

Wall mounting

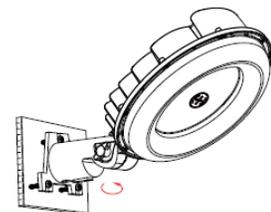
1. Drill holes in the walls and wire them.



2. Lock the barn lights



3. Loosen the hand screw, adjust the lamp to the Angle required by the customer, and tighten the hand screw, the installation is complete.



Specifications are typical values and may change without notification

efficiency. illuminated.

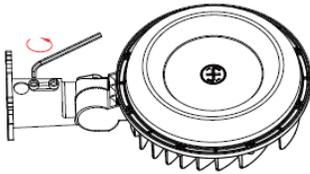
G2 LED BARN LIGHT



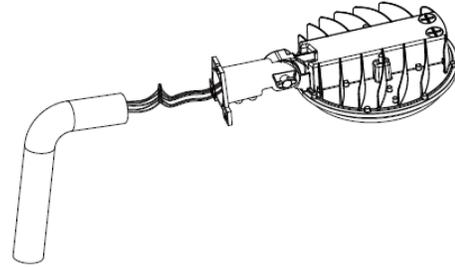
JAYKAL

Pole mounting

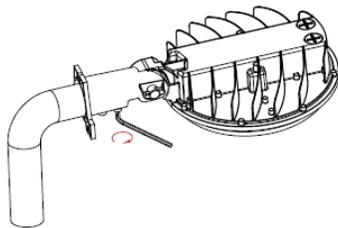
1. Loosen the screws.



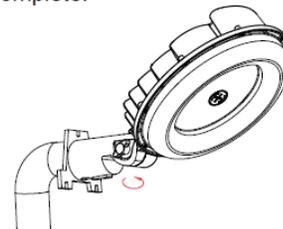
2. Connect the wire.



3. Install the lamp into the lamp pole and tighten the fixing screws.

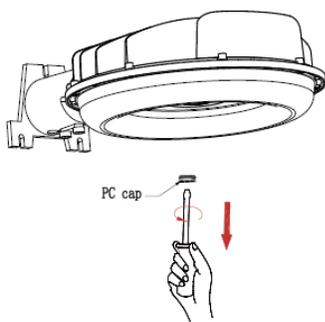


4. Loosen the hand screw, adjust the lamp to the Angle required by the customer, and tighten the hand screw, the installation is complete.

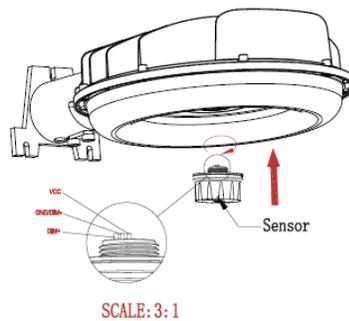


Plug sensor installation

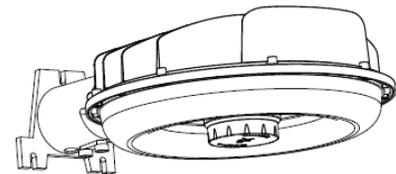
1. Unscrew the PC cap on the lampshade counter-clockwise with a flat-head screwdriver on the lamp which already installed.



2. Screw the sensor clockwise by hands.



3. After tightening the sensor, lighting the lamp, if the sensor works well, the installation is finished.



Specifications are typical values and may change without notification

efficiency. illuminated.