LIBERTY LED LLC

SIMPLY RELIABLE

LED WALL PACKS
GL02 SERIES

DESCRIPTION

- Utilizing the latest generation of LED chips, this uniquely designed wall pack delivers a similar light output to a 100W metal halide but with only 1/3 energy consumption. Housing made of die-casting aluminum with reliable powder coating specifically for harsh outdoor environment. It is attractive in appearance and performance.

APPLICATIONS

- Warehouses
- Distribution centers
- Manufacturing facilities
- Big box retailers
- Other industrial applications

SPECIFICATIONS		GL02-70W-40K-SNN-A	GL02-70W-50K-SNN-A
Ordering	Brand	Builders Pack	Builders Pack
	SKU	31-63034-40	31-63034-50
Photometric	Color Temp. 【CCT】	4000K	5000K
	Lumens 【lm】	8342.1 lm	8657.8 lm
	Efficacy 【lm/W】	118.34 lm/W	123.07 lm/W
	SDCM	≤6	
	Render Index 【Ra】	≥80	
	R9	≥0	
	Duv	≤0.006	
	Beam Angle	90°	
Electrical	Rated Voltage	AC 120-277V	
	Frequency	50/60Hz	
	Lamp Wattage	70W	
	Lamp Current	0.70A	
	Power Factor	≥0.9	
Lifetime [at 120-227V]	L70 Lumen Maintenance Life 【Hours】	≥50000	
	Warranty 【Years】	5	
Technical Requirements	Certifications	UL I DLC I FCC I RoHS I CE	
	THD	≤20%	
	Ripple Current	≤5%	
	Frequency of LED Current	≥120Hz	
	Flicker	No Flicker	
	Electrostatic Discharge 【ESD】	4KV Contact discharge / 8KV Air discharge	

	Surge Protection	4KV
	Dimming	No
	Sensor	Optional
	Emergency Power	N/A
	Ingress Protection 【IP】	IP65
	Noise	N/A
Operation and information	Start Time	≤1 S
	Operating Temp.	-22℉～+122℉
	Storage Temp.	-40℉～+185℉
	Housing/Case 【Color, Material】	Die-casting Aluminum
	Optical -Lens 【Material】	Glass Lens
	Mounting / Installation	Wall Mounted
	Environment	Outdoor/Suitable for wet location
Size/Weight	Product Size 【LWH】	14.4" x 8" x 9.29"
	Product Net Weight	11.46 lbs
Distribution Curve		
Shipping	Master Carton Size	15.38” x 12.00” x 9.50”
	Pcs / Carton	1pcs
	Gross Weight	13.45 lbs
	Pcs / Pallet	72pcs
	Pcs / 20’ GP	840pcs (No Pallet) | 720pcs (Palletized)
	Pcs / 40’ GP	1680pcs (No Pallet) | 1440pcs (Palletized)
	Pcs / 40’ HQ	1920pcs (No Pallet) | 1680pcs (Palletized)
	Pcs / 45’ HQ	/

*Package specifications are subject to change without notice.

LIBERTY LED LLC

SIMPLY RELIABLE

LAMP CODE DEFINITIONS

Category	Wattage	CCT	DLC Degree	Dimmable	Sensor	Product Code
GL02 = Wall Packs	70W	4000K 5000K	S = Standard	N = No Dimmable	N = No Sensor	A

ACCESSORIES

SKU	Description	Image
31-63038-A	Photo control 120-277V	
31-63039-A	Surface lighting parts visor	
31-63040-A	Wire guard	

INSTALLATION DIAGRAM

Tools Required:
Phillips Screw Driver
Security Torx T-20 Bit and Driver
Electric Drill
Drill Bit Set
Wire Strippers
Wire Cutters

- Before starting ensure that the power is disconnected.
- Unpack fixture and ensure that there are no damaged parts.
- NOTE: This fixture is intended to be surface mounted on to a wall in the lens down position.
- Open fixture by removing the T-20 Security Torx screws on the side of the fixture.
- Remove LED and Frame assembly to allow for easier installation.
- Inspect the 3 mounting hole locations. (they are item A on fig. 2) and ensure that there are no components over them.
- In order to mount the fixture the backplate has to be pierced at the mounting locations. Use an appropriate sized drill bit for the mounting screws up to 5/16".
- Align the backplate and mount securely.
- If the electrical connections are going to be made from a conduit pipe remove one of the conduit plugs from the base and thread NPS conduit pipe into location.
- If Electrical connections are going to be made through a junction box drill the appropriate holes (Item C in Fig. 1) for the sized junction box.
- Splice power connections as seen in Fig. 3.
- Reattach Frame and Glass assembly to base by slipping it over the barrel pins.
- Reconnect driver and LED connections and reattached the Frame assembly using the Torx Screw.
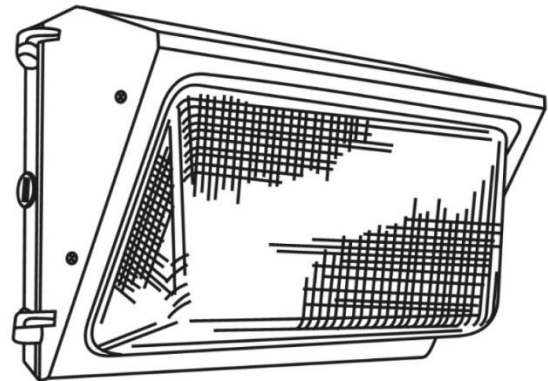

Figure 1.

MOUNTING:
The back plate has a cast-in drill and knock-out template to match any standard recessed junction box, three 5/16" knock-outs for mounting holes A and three 1/2" NPS tapped holes D for surface conduit or photocontrol unit.

A – 5/16" dia. Knockouts
B – 9/16" dia. Knockouts.
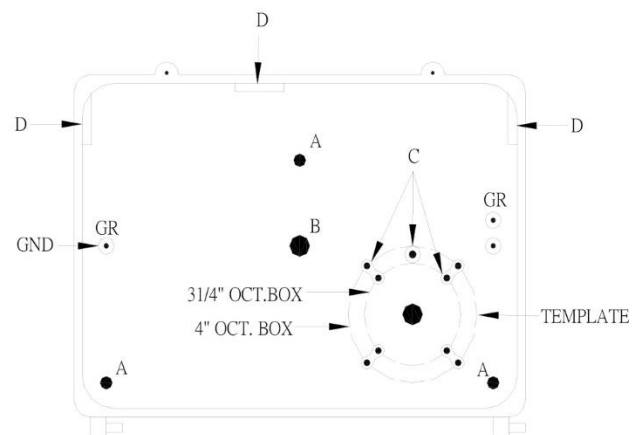C – Knockouts for #10 screw.
D – 1/2" NPS tapped holes.

Figure 2.

Black/Brown	
Line	
	Fixture
White/Blue	
Neutral	
Green	
Ground	

Figure 3.