

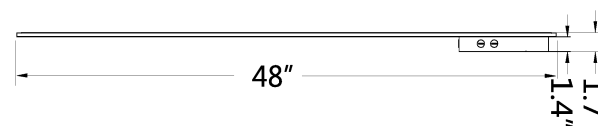
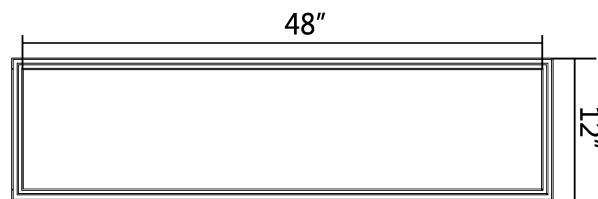
DGL-P6628-E

2*2FT Edgelit LED Panel Light

Catalog #		Prepared by LiteHarbor	
Project		Date	
Notes			



DIMENSIONS



2*2FT LED Panel Light

FEATURES

- Power over Ethernet (POE) Lighting Solution option
- 2.4G Wireless CCT Tunable.
- Power & CCT Tunable.
- Without LGP, never turn yellow.
- Isolated driver, PF>0.9, THD≤15 %.
- Super bright SMD2835 LEDs, LM80 rated Ra>80.
- Lumen output: 130LM/W.
- AC120-277V or AC120-347V, 0-10V dimmable.
- Non-flicker, no dark spot, protect your eyes.
- Ideal replacement for traditional troffer with over 80% energy saving.
- Leading LED driver design, overlong lifespan.
- Newest LGP technology, higher luminous efficiency.
- Back-lit technology diffuse reflection, uniform and soft light, no glare, no humming, no flare, no direct attention, effectively alleviate eye fatigue, more healthy use.
- Delicate structure design, ultra thin and ultra light.
- Simple, fashionable and elegant appearance.
- Easy installation, can replace the same size of ceiling lights or grille lights.
- No lead, no mercury, energy saving and environment friendly.
- IP Rating: IP40.
- Operating temperature: -20°C to 50°C.

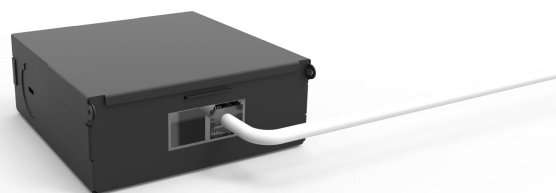


OVERVIEW

LED Edge-Lit Flat Panel with is the perfect replacement for fluorescent troffers used in drop ceilings. Thoughtfully designed for superior illumination, ultimate efficiency and easy installation. Designed to fit in a conventional suspended grid ceiling for new construction or retrofit projects, LED flat panels will save you time and money. Perfect for areas where you need bright, even light such as schools, universities, offices, churches, game rooms and restaurants.

POE SOLUTION

Liteharbor's DGL-P series with single/double ethernet interface "One in" or "One in One out" design. It's provides Cat 6/Cat 7/Cat 8 Ethernet Cable with UL Listed. PoE technology sends 10/45 Gbps of data and 30W, 60W up to 90W of power budget to devices over Cat7 and Cat8 Ethernet cables for a maximum distance of 100m



*Other special requirements please contact with our sales.



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 Specifications subject to change w/o notice
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APPLICATION

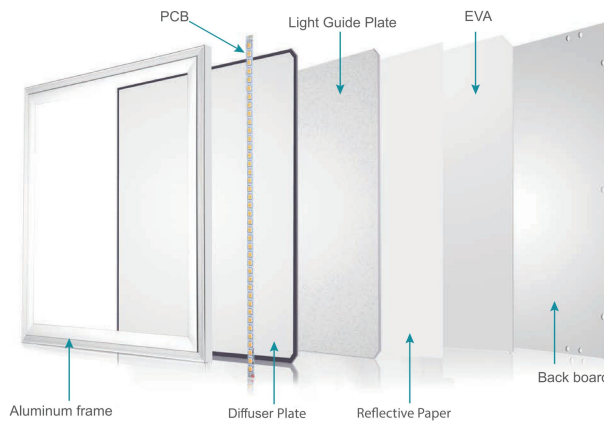
- Commercial lighting
- Residential lighting
- School
- Communal facilities lighting
- Meeting room,
- Office building

DETAILS


Description	DGL-P6628-E	DGL-P12328-E	DGL-P12628-E
Size	24"*24"	12"*48"	24"*48"
Edgelit Regular Series Wattage	36W/40W/45W	40W/45W	50W/60W/72W
Edgelit Premium Series Wattage	25W/35W/40W	25W/40W	32W/40W/50W/60W
Edgelit 2.4G Wireless Wattage	40W	40W	50W/60W
Edgelit Power & CCT Tunable Series Wattage	20W-25W-30W-35W 30W-35W-40W-45W	20W-25W-30W-35W 30W-35W-40W-45W	35W-40W-45W-50W 35W-40W-45W-50W
Input:	AC100-277V, 50/60Hz		
Luminous Flux	3900lm/4400lm/4900lm	3900lm/4400lm/4900lm	5500lm/6600lm/7900lm
Lumens / Watt	110LM/W		
Dimming	0-10V Dimmingh/ 2.4G Wireless		
Color temperatures	3000K,3500k,4000k,5000k		
Function	<ul style="list-style-type: none"> ●Wireless dimm ing ●Wireless dimming + Sensing ●Wireless dimming + Emergency ●Wireless dimming + Sensing + Emergency ●CCT & Watt Tunable ●CCT & Watt Tunable + Emergency 	<ul style="list-style-type: none"> ●Dimming ●Dimming + Sensing ●Dimming + Emergency ●Dimming + Sensing + Emergency ●CCT & Watt Tunable + Sensing ●CCT & Watt Tunable + Sensing + Emergency 	
PF:	0.98		
Working Temperature:	-20℃ - 50℃		
IP Grade:	IP44		
Anti-power level:	Class II		
LED Chips:	SMD2835/SMD4014		
Emitting Color:	Warm white/Pure white/Cool white		
Certifications:	UL DLC CE RoHS FCC		
Lifetime	50000 Hours		
Warranty	5-Year Limited		

PANEL LIGHT

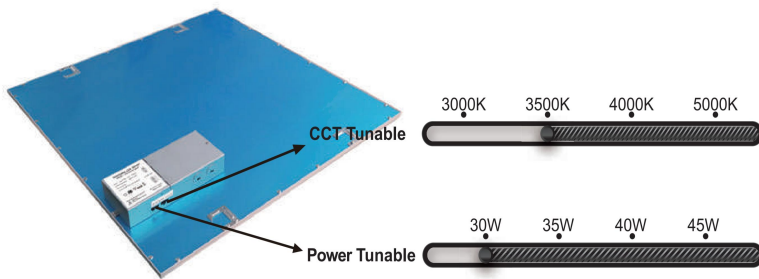
EXPLOSIVE VIEW



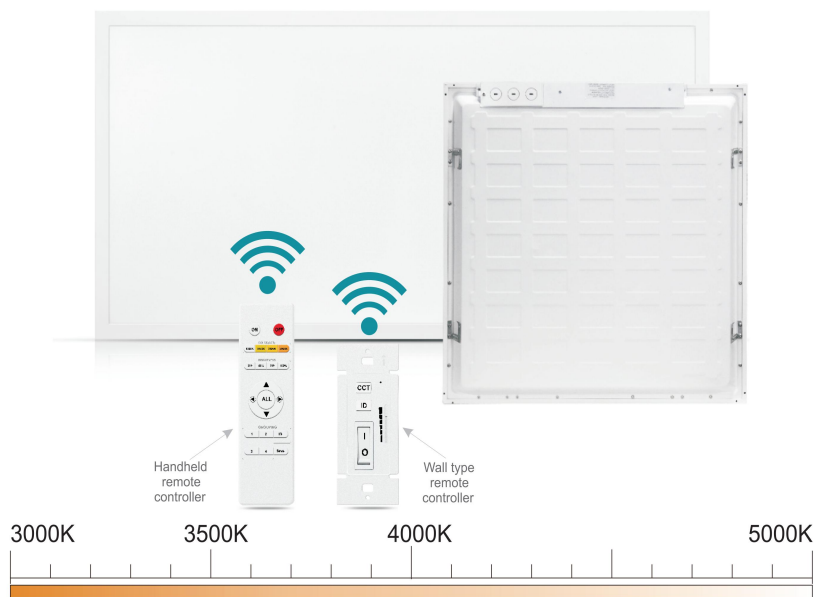
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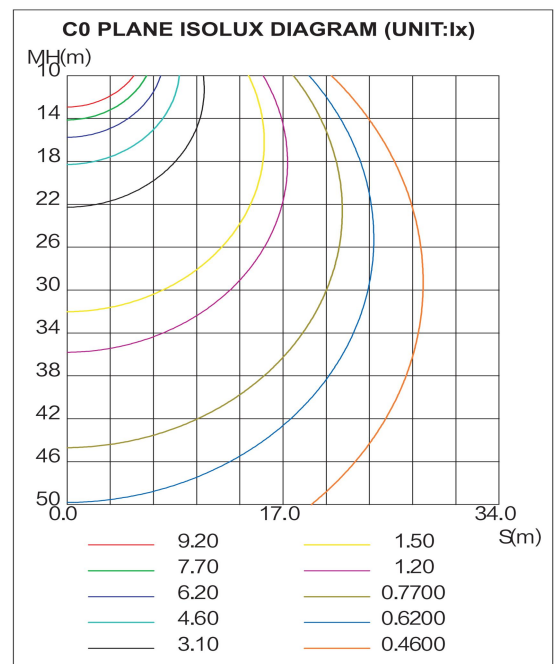
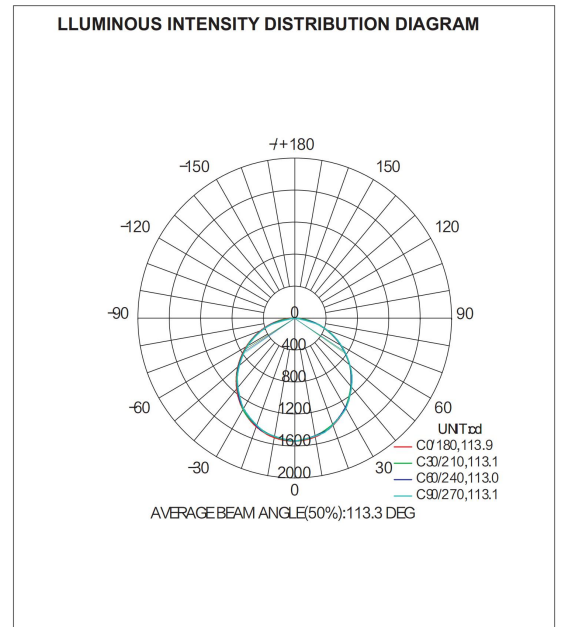
POWER& CCT TUNABLE



2.4G WIRELESS CCT TUNABLE



LUMINAIRE PHOTOMETRIC TEST REPORT



PANEL LIGHT

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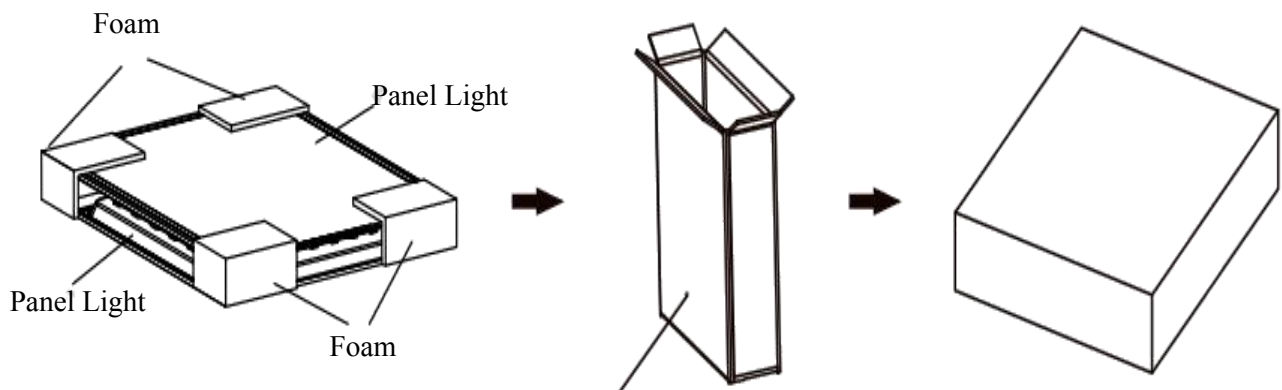
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PACKAGE(REFERENCE VALUE)

Parameter	DGL-P6628-E	DGL-P12328-E	DGL-P12628-E
Net Weight (lbs)	7.2lbs/pc	8.3lbs/pc	13.9lbs/pc
Single Carton size (inch)	25.6x25.6x3.2	49.2x13.8x3.2	49.2x25.6x3.2
Quantity /Carton	2 pcs	2 pcs	2 pcs
Gross Weight (lbs/CTN)	17.6	19.8	31.1
Qty loaded by 20GP	1836 pcs	1672 pcs	904 pcs
Qty loaded by 40GP	3672 pcs	3496 pcs	1908 pcs
Qty loaded by 40HQ	4320 pcs	4182 pcs	2280 pcs



ORDERING GUIDE

Panel Light Series	Wattage	Input Voltage	Dimmable
<input type="checkbox"/> DGL-P6628-E	<input type="checkbox"/> 25 25W/lamp	<input type="checkbox"/> U 120V-277V	<input type="checkbox"/> 0-10V 0-10Vdimming
<input type="checkbox"/> DGL-P12328-E	<input type="checkbox"/> 30 30W/lamp		<input type="checkbox"/> 2.4G 2.4G Wireless Dimming
<input type="checkbox"/> DGL-P12628-E	<input type="checkbox"/> 35 31W/lamp		<input type="checkbox"/> CCT CCT Tunable
	<input type="checkbox"/> 40 40W/lamp		<input type="checkbox"/> PT PowerTunable
	<input type="checkbox"/> 50 50W/lamp		
	<input type="checkbox"/> 60 60W/lamp		
	<input type="checkbox"/> 70 70W/lamp		

Color Temperature	Luminous Flux	①Function
<input type="checkbox"/> 30K 3000K	<input type="checkbox"/> 3900lm	<input type="checkbox"/> DDM Dimming
<input type="checkbox"/> 35K 3500K	<input type="checkbox"/> 4400lm	<input type="checkbox"/> DDS Dimming + Sensing
<input type="checkbox"/> 40K 4000K	<input type="checkbox"/> 4900lm	<input type="checkbox"/> DDE Dimming + Emergency
<input type="checkbox"/> 50K 5000K	<input type="checkbox"/> 5500lm	<input type="checkbox"/> DSE Dimming + Sensing + Emergency
	<input type="checkbox"/> 6600lm	
	<input type="checkbox"/> 6900lm	

②Function	③Function
<input type="checkbox"/> RDM Wireless dimming	<input type="checkbox"/> CDM CCT & Watt Tunable
<input type="checkbox"/> RDS Wireless dimming + Sensing	<input type="checkbox"/> CDS CCT & Watt Tunable + Sensing
<input type="checkbox"/> RDE Wireless dimming + Emergency	<input type="checkbox"/> CDE CCT & Watt Tunable + Emergency
<input type="checkbox"/> RSE Wireless dimming + Sensing + Emergency	<input type="checkbox"/> CSE CCT & Watt Tunable + Sensing + Emergency

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INSTALL ACCESSORIES

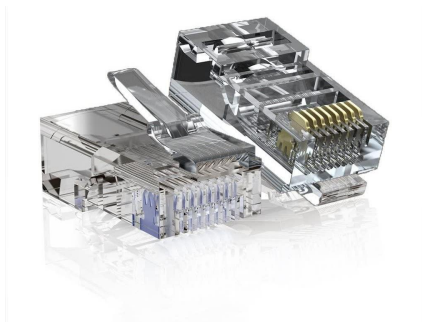
Ethernet Cables Reference



Attribute	Cat 6	Cat 7	Cat 8
Frequency	250 MHz	600MHz	2000MHz
Transmission speed	1Gbps/10 Gbps	10 Gbps	25 Gbps/40 Gbps
Distance	100m	100m	30m
Number of Connectors in Cable	4	4	2
Cable Construction	UTP or Shielded	Shielded	Shielded
Connector Type	RJ45	RJ45	RJ45
AWG	24 AWG	30 AWG	26AWG

RJ45 Connectors

Modular plug clear plastic easy to DIY ethernet cable when you need.



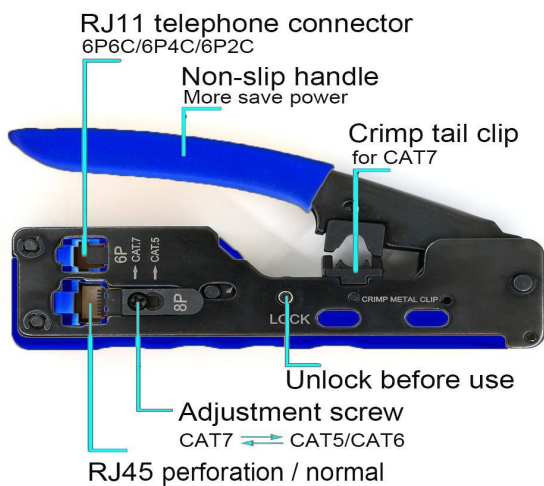
Ethernet Cables

Cat 6/Cat 7/Cat 8 for option.



Crimp Tool Kit

All-in-one RJ11/RJ12/RJ45 Modular Tool, Pass-Through Wire Stripper Cutter Crimper for Cat5/5e Cat6/6a Cat7 Cat8 Modular Plugs Connectors with Dovetail Clip.



PoE Switch

Not supplied by Liteharbor.



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