

(PL-P) Premium Backlit LED Panel

Part Number 2X2 LEDI-PL-22-BL-347V-40D-PPCDN

Part Number 2X4 LEDI-PL-24-BL-347V-50D-PPCDN

Part Number 1X4 LEDI-PL-14-BL-347V-40D-PPCDN

- ▶ Backlit technology, features uniform edge to edge lighting
- ▶ Lightweight and slim design
- ▶ Fits standard ceiling T-Bar/Grid dimensions
- ▶ Available in 2x2, 2x4 and 1x4 dimensions
- ▶ CCT Selectable: 3500K, 4000K, 5000K
- ▶ 2x2 Wattage Selectable: 25W, 30W, 40W
- ▶ 2x4 Wattage Selectable: 30W, 40W, 50W
- ▶ 1x4 Wattage Selectable: 25W, 30W, 40W
- ▶ 130lm/W luminous efficacy
- ▶ Features a durable, UV-resistant PMMA lens
- ▶ Seamless aluminum frame featuring double-sided welding technology and SPCC back plate ensures a strong structure and improved heat dissipation
- ▶ Large integrated junction box for quick installation
- ▶ Available ceiling mounting kits, drywall recessed mounting kits and suspension kits
- ▶ Features premium SMD 2835 LED chips
- ▶ Input voltage 120-347Vac; 50/60Hz
- ▶ 0-10V dimmable driver
- ▶ Flicker-free driver as standard
- ▶ Damp location rated
- ▶ IESNA LM79 & LM-80 testing
- ▶ Provides uniform and consistent coloured lighting
- ▶ Colour Rendering Index (CRI) Ra80+
- ▶ Power factor >0.95
- ▶ Voltage frequency 50/60Hz
- ▶ Operating temperature -25°C to 40°C
- ▶ Rated lifespan ≥50,000hours (L80B20 @25°C)
- ▶ 5 year limited warranty



Performance

Part Number	Chromacity	Wattage Settings	Luminous Efficacy	Luminous Flux
PL-22-BL	3,500K; CRI Ra80	40W	135lm/W	5,400lm ±5%
	4,000K; CRI Ra80	30W		4,050lm ±5%
	5,000K; CRI Ra80	25W		3,375lm ±5%
PL-24-BL	3,500K; CRI Ra80	50W	127lm/W	6,350lm ±5%
	4,000K; CRI Ra80	40W		5,080lm ±5%
	5,000K; CRI Ra80	30W		3,810lm ±5%
PL-14-BL	3,500K; CRI Ra80	40W	134lm/W	5,360lm ±5%
	4,000K; CRI Ra80	30W		4,020lm ±5%
	5,000K; CRI Ra80	25W		3,350lm ±5%





DATE

PROJECT

PART NUMBER

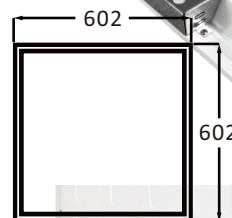
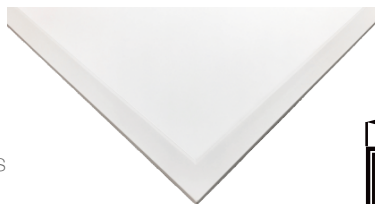
Specifications

Part Number	LEDI-PL-22-BL-347V-40D-PPCDN	LEDI-PL-24-BL-347V-50D-PPCDN	LEDI-PL-14-BL-347V-40D-PPCDN
Wattage Selectable	25W-30W-40W	30W-40W-50W	25W-30W-40W
LED Type	SMD 2835		
Luminous Efficacy (4000K, Ra80)	130lm/W (±5%)		
CCT Selectable	3500K, 4000K, 5000K		
CRI	Ra80		
Beam Angle	110°		
LED Driver	Flicker-Free		
Input Voltage	120-347Vac @50-60Hz		
Power Factor	>0.95		
Surge Protection	2.5kV		
Driver Type	Constant Current (CC)		
Material (Housing)	Aluminum Frame + SPCC Back Plate		
Material (Lens)	PMMA		
Housing Finish	Polyester Powder Coating		
Housing Colour	White (RAL9016)		
IP Rating	IP20 (DAMP)		
Operating Temperature	-25°C to +40°C (-13°F to +122°F)		
Projected life (L70)	>50,000 hours (Ta=25°C@L70)		
Warranty	5 year limited warranty		
Dimming Function	0-10V dimming		
Mounting Options	Recessed, Ceiling Mounted, Suspended		
Accessories (see page 4)	Ceiling Mounting Kit, Drywall Recessed Mounting Kit, Suspension Kit		
Certificates	cULus, DLC 5.1 Premium		



Dimensions for LEDI-PL-22-BL-347V-40D-PPCDN

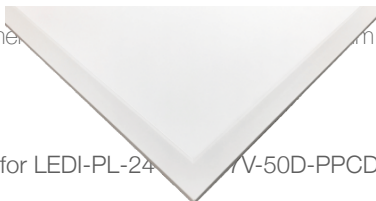
Quantity Per Package	4pcs
Net Weight	7.80±0.3kg (17.20±0.66Lbs)
Gross Weight	9.10±0.3kg (20.06±0.66Lbs)
Package Dimensions	1242mm x 160mm x 635mm (49.17" x 6.69" x 25.47")



602*602mm

Dimensions for LEDI-PL-24-BL-347V-50D-PPCDN

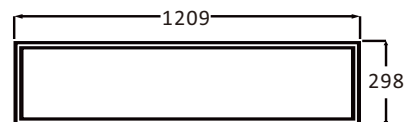
Quantity Per Package	4pcs
Net Weight	16.60±0.3kg (36.60±0.66Lbs)
Gross Weight	19.10±0.3kg (42.11±0.66Lbs)
Package Dimensions	1242mm x 160mm x 635mm (49.17" x 6.69" x 25.47")



602*1209mm

Dimensions for LEDI-PL14-BL-347V-40D-PPCDN

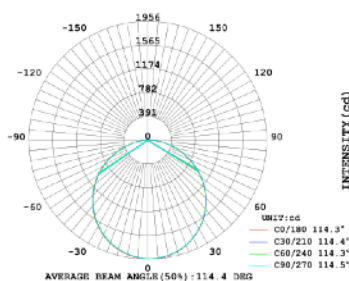
Quantity Per Package	4pcs
Net Weight	8.30±0.3kg (18.30±0.66Lbs)
Gross Weight	10.20±0.3kg (22.49±0.66Lbs)
Package Dimensions	1242mm x 160mm x 331mm (49.17" x 6.69" x 13.50")



298*1209mm

Photometrics

LUMINOUS INTENSITY DISTRIBUTION



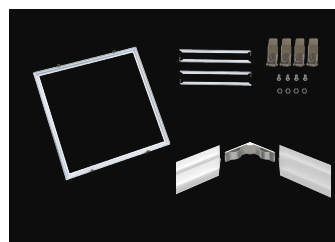
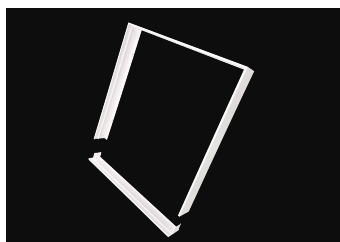
Accessories

	Ceiling Mounting Kits		
Part Number	MG-M016-2x2	MG-M016-2x4	MG-M016-1x4
Compatible with	LEDI-PL-22-BL-347V-40D-PPCDN	LEDI-PL-24-BL-347V-50D-PPCDN	LEDI-PL-14-BL-347V-40D-PPCDN
Dimensions	609mm x 609mm x 70mm (24.00" x 24.00" x 2.80")	1216mm x 609mm x 70mm (47.90" x 24.00" x 2.80")	1216mm x 305mm x 70mm (47.90" x 12.00" x 2.80")
Colour	Kinglight® MCL	Suzhou Kinglight Optoelectronics Co., Ltd	Suzhou Kinglight Optoelectronics Co., Ltd
Package Dimensions	1pc/box, 25pcs/ctn 645mm x 425mm x 370mm	1pc/box, 25pcs/ctn 1245mm x 425mm x 370mm	1pc/box, 25pcs/ctn 1245mm x 425mm x 370mm

Drywall Recessed Mounting Kits

	Quotation Sheet		
Part Number	MG-M017-2x2	MG-M017-2x4	MG-M017-1x4
Compatible with	LEDI-PL-22-BL-347V-40D-PPCDN	LEDI-PL-24-BL-347V-50D-PPCDN	LEDI-PL-14-BL-347V-40D-PPCDN
Dimensions	642mm x 642mm x 25mm (25.30" x 25.30" x 1.00")	1249mm x 642mm x 25mm (25.30" x 49.20" x 1.00")	1249mm x 338mm x 25mm (13.30" x 49.20" x 1.00")
Colour	White (RAL9016)	White (RAL9016)	White (RAL9016)
Package Dimensions	1pc/box, 25pcs/ctn 695mm x 180mm x 375mm	1pc/box, 25pcs/ctn 1270mm x 180mm x 375mm	1pc/box, 25pcs/ctn 1270mm x 180mm x 375mm

	Quotation Sheet		
Part Number	MG-M016	MG-M017	D001
Compatible with	LEDI-PL-22-BL-347V-40D-PPCDN	LEDI-PL-24-BL-347V-50D-PPCDN	LEDI-PL-14-BL-347V-40D-PPCDN
Length		1200mm (3.94ft)	
Package Dimensions		1pc/box, 100pcs/ctn 335mm x 315mm x 150mm	
Note	One (1) kit required for suspending one (1) 2x2, 2x4 or 1x4		



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1. Trade terms: EXW Price.
2. The price is valid for 30 days.
3. MOQ: 50pcs per item in bulk order; Max. qty of sample: 5pcs.
4. Payment term: T/T, 30% deposit, balance 70% should be paid before shipment.
5. Samples lead time: 3-5 working days. Bulk order lead time: 30-35 working days upon receiving payment and confirmed packaging information.