

## Specification

### LED Panel Light



Front



back



accessories



#### NOTES:

1. This specification for our regular product specifications.
2. The right of final interpretation of this specification to International Building Supply Corporation.

### 1. Descriptions

- ◆ Can replace 80W/120W grille light
- ◆ Applications: Supermarkets, shopping malls, schools, home applications, warehouses, garages, parking areas, stations, conference rooms and other common areas.

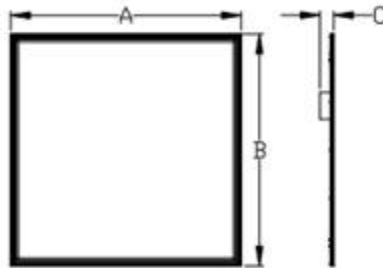
### 2. Characteristics

- ◆ 120° wide beam angle
- ◆ High efficacy:100lm/W
- ◆ Uniform light, no glare
- ◆ High lumen maintenance: 70% @50,000 hours
- ◆ Main material AL+PS, good heat dissipation, super slim
- ◆ Installation: Suspended or recess

### 3. Main Code

LD-PN-H025-SDXX	LD-PN-H030-SDXX
LD-PN-H036-SDXX	LD-PN-H040-RDXX
LD-PN-H045-RDXX	LD-PN-H054-RDXX

### 4. Product Size



Product name	Dimension	A	B	C
		MAX(mm)	MAX(mm)	MAX(mm)
LD-PN-H025-SDXX	2ft*2ft	603.5	603.5	37
LD-PN-H030-SDXX	2ft*2ft	603.5	603.5	37
LD-PN-H036-SDXX	2ft*2ft	603.5	603.5	37
LD-PN-H040-RDXX	2ft*4ft	1212.5	603.5	37
LD-PN-H045-RDXX	2ft*4ft	1212.5	603.5	37
LD-PN-H054-RDXX	2ft*4ft	1212.5	603.5	37



## 5. Technical Parameters

Code	LD-PN-H025-SDXX	LD-PN-H030-SDXX	LD-PN-H036-SDXX	LD-PN-H040-RDXX	LD-PN-H045-RDXX	LD-PN-H054-RDXX
Power ( W )	25W	30W	36W	40W	45W	54W
PF	0.92@120V					
Input Voltage (V)	100-277VAC					
Efficacy (lm/W)	Standard 100, Premium 130					
Maintenance (L70)	3250lm	3900lm	4680lm	5200lm	5850lm	7020lm
CCT ( K )	3000K-6000k					
Dimming	0-10V					
Lumen Maintenance (L70)	>50,000H					
CRI)	>80					
Beam angle	120°					
Material	Aluminum + PS					
Operating Temperature	-20°C to 40°C/-40°F to 104°F					
Humidity	10% - 90%,					
Installation	1) Recess,2 ) Suspend					
Connection	N/A					
Certification	FCC, ETL, DLC, CE, ROHS					
Environment	Indoor/Damp Rated					
Warranty	5Years					
Product size ( mm )	603.5*603.5*37(2ft*2 ft*0.13ft)			603.5*1212.5*37(2ft*4 ft*0.13ft)		
Net Weight/PCS	3.5Kg			6.1Kg		
Package Dimension (external: mm)	L680*H680*W180mm			L1280*H680*W210mm		
Qty/Carton	2pcs/Carton					
Gross Weight/Carton	9.5kg			17.35Kg		

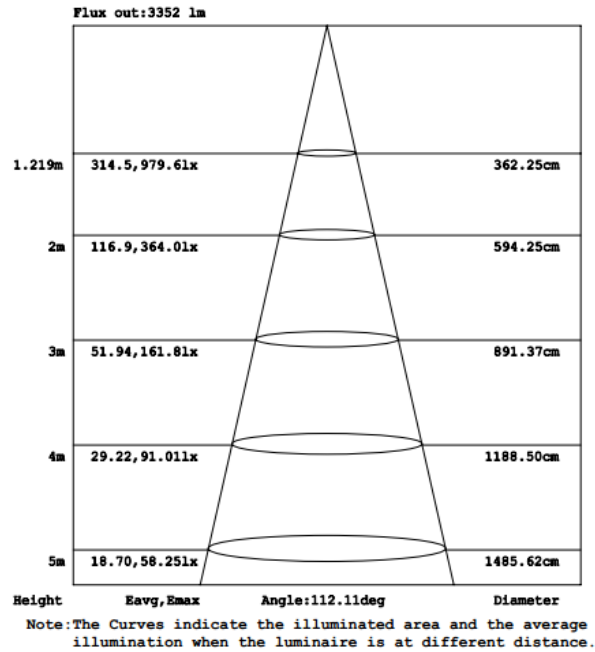
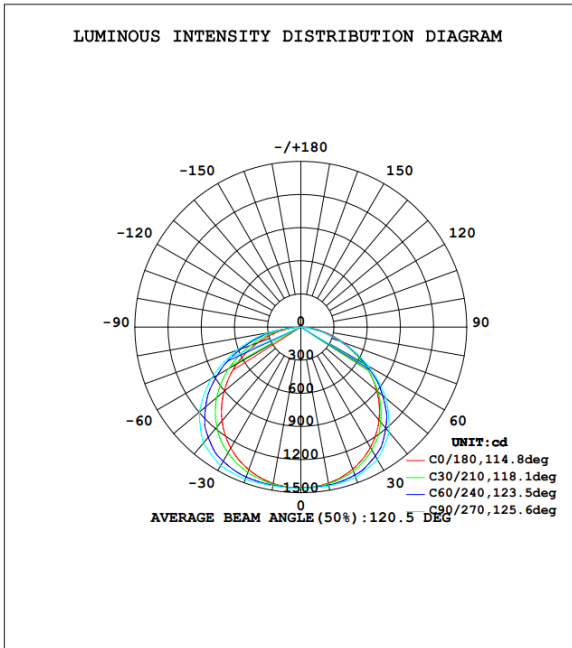
### Notes

- XX could be 30/35/37/40/45/50 which stands for 3000K/ 3500K/3700K/4000K/5000K/;
- Efficacy is 10% lower for CCT below 4000K
- Comply with FCC、 ETL

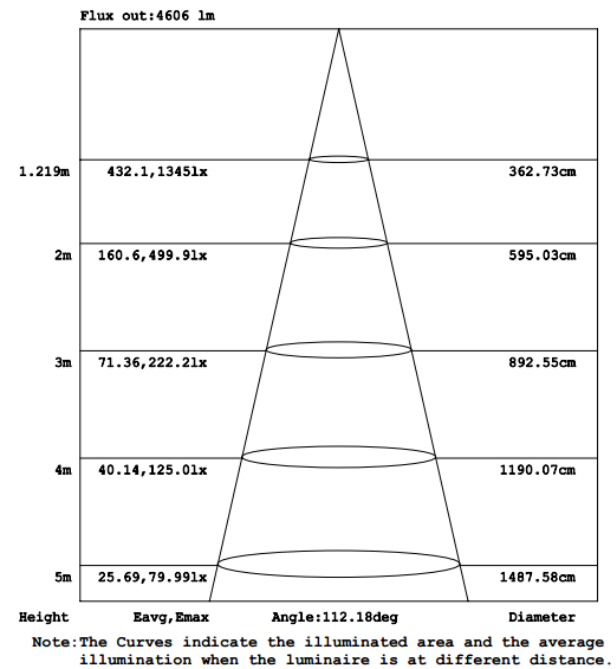
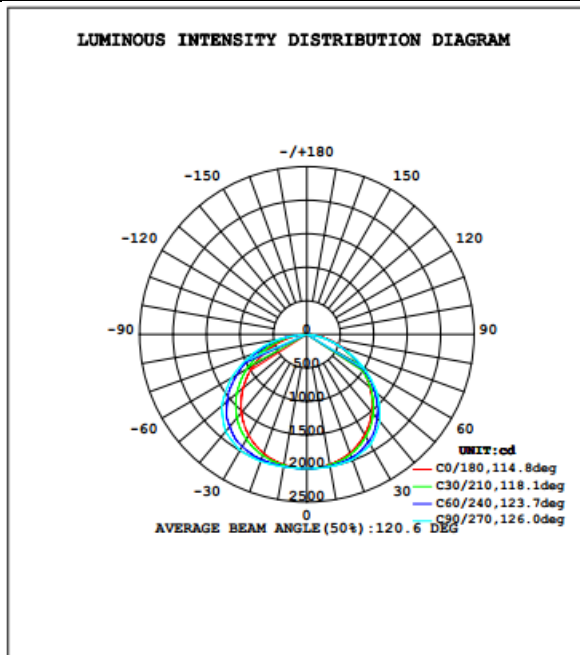


### 6. Photometric Curve

Model: LD-PN-H040-RD\*\*



Model: LD-PN-H054-RD\*\*

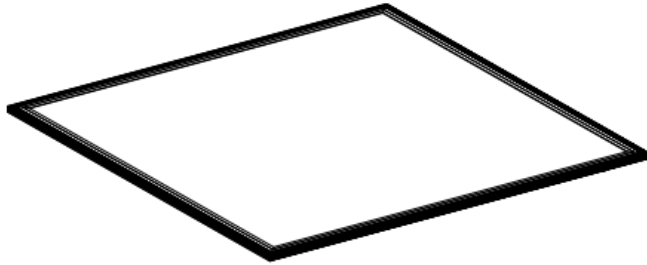




### 7. Installations:

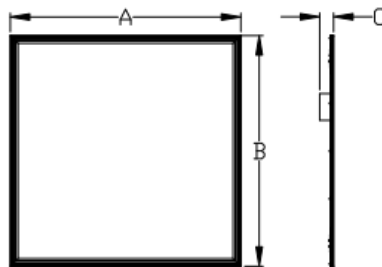
## LED Troffer Manual

- 1. Fixture Dimension:
- 2. Installation Methods:
- 3. LED driver wiring diagram:
- 4. Quality Warranty:
- 5. Safety Note:



#### ● 1. Fixture Dimension:

A	B	C	Wattage
MIN (mm)	MIN (mm)	MIN (mm)	
603.5	603.5	37.0	25W
603.5	603.5	37.0	30W
603.5	603.5	37.0	36W
1212.5	603.5	37.0	40W
1212.5	603.5	37.0	45W
1212.5	603.5	37.0	54W



#### ● 2. Installation Methods

2.1 Install LED Panel Light into grid (Figure 1)(Figure 2)

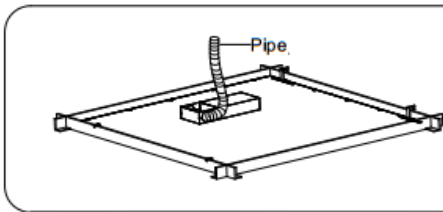
2.2. Bend hang buckle by 90°, making it vertical to the rear cover of panel light (Figure 3). Bend hang buckle's top part by 90° (Figure 4). Same to all hang buckles. Shockproof buckle can't be consider as hanging accessories, cause it can't bear weight

2.3. Remove driver cover plate.

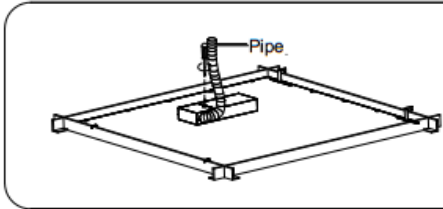
2.4. Remove the false holes plates



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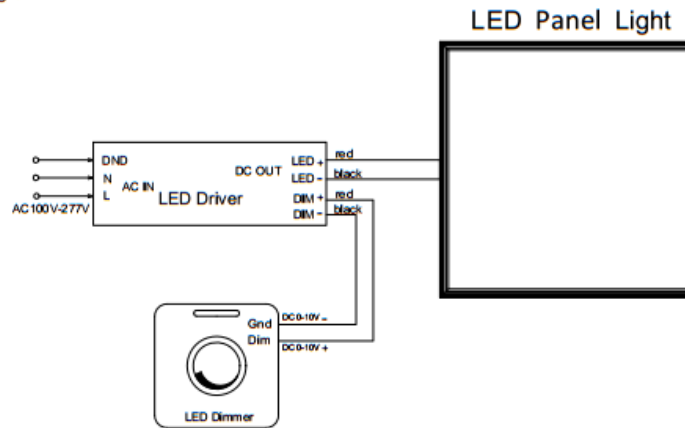


2.5.Insert connector.Wire to fixture appropriately based on dimming requirements.See wire diagram on fixture. Reinstall the driver cover plate.



2.6.Fixed driver cover plate. Power the troffer.

● 3.LED driver wiring diagram:



● 4.Quality Warranty:

- (1).Quality guarantee is based on storing, installing,operating and maintaining correctly in the normal operation condition.
- (2).Quality assurance is based on the product is installed in a flat surface.
- (3).Due to improper installation or mounting surface is not flat lead to product quality issues not covered by the warranty.
- (4).It is not included in our maintaining range when installing inappropriately, breaking the operating rules, and leading to the products damaging.
- (5).Our company will maintain the right to either repair,parts replacing,or products exchange during the quality warranty period.

● 5.Safety Note: Non professional do not operate the relative work

- (1).Before using the light, please check the integrity of the package and the product. If the light was damaged during transportation, please do not use it.
- (2).Please do not hit or press it with heavy substance.
- (3).Please Handle and transport gently.
- (4).Before cleaning the light, please make sure the power supply has been turned off.
- (5).Never use any chemicals or abrasives for cleaning.
- (6).Please do not touch and twist the lamp when power is on.
- (7).Light warm is normal when power is on.



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