



Project :

Type :

Part#:

## LED Wallpack Light



**P/N:INS-LWP01A-100NXYZA1-abcdefg**

### Note:

INS = Company name

LWP01A = Product series, LED Semi-Cutoff Wall Pack;

M=Medium, 100 = Rating Power;

N=Driver Brand, D= Daermay;

X= LED manufacturer; A=Hongli,B=Lumileds;

Y= Cover type, SG=Stripe Glass;

D= Double color;

A= InputVoltage,120-277VAC;

1 = Version number;

"a" can be any two letters to represent lamp colors;

"b" can be any two letters to represent motion sensor or Blank,

AP=AC Photocontrol, M=microwave sensor, R=PIR sensor,

APM=AC Photocontrol+microwave sensor,

APR=Photocontrol+PIR sensor;

"c" can be "S" or blank for Surge-Protective Device provided or not;

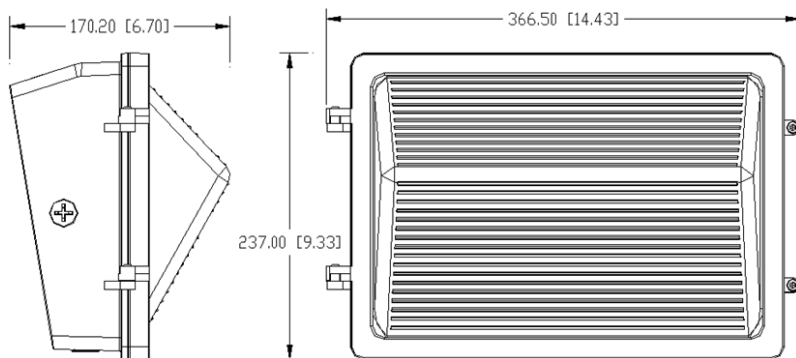
"d" can be "W" for Power select or blank ;

"e" can be any two digits to represent CCT;

"h" can be "G" for Wire Guard provided or blank;

"i" can be "L" for Light Shield provided or blank;.

### DIMENSIONS



### APPLICATION

- Entrance lighting,courtyard lighting;
- Industrial lighting,Outdoor landscape lighting;
- Building,The hotel;
- Wall lighting area and so on.

### ADVANTAGE

- UL, cUL certificate.
- IP65 driver, input voltage 120-277VAC
- Lumileds 2835, high CRI.
- Input voltage 120-277VAC
- Output constant current lever can be adjusted through output cable with 0-10V.
- Wattage abjustable.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

# LED Wallpack Light

## SPECIFICATIONS

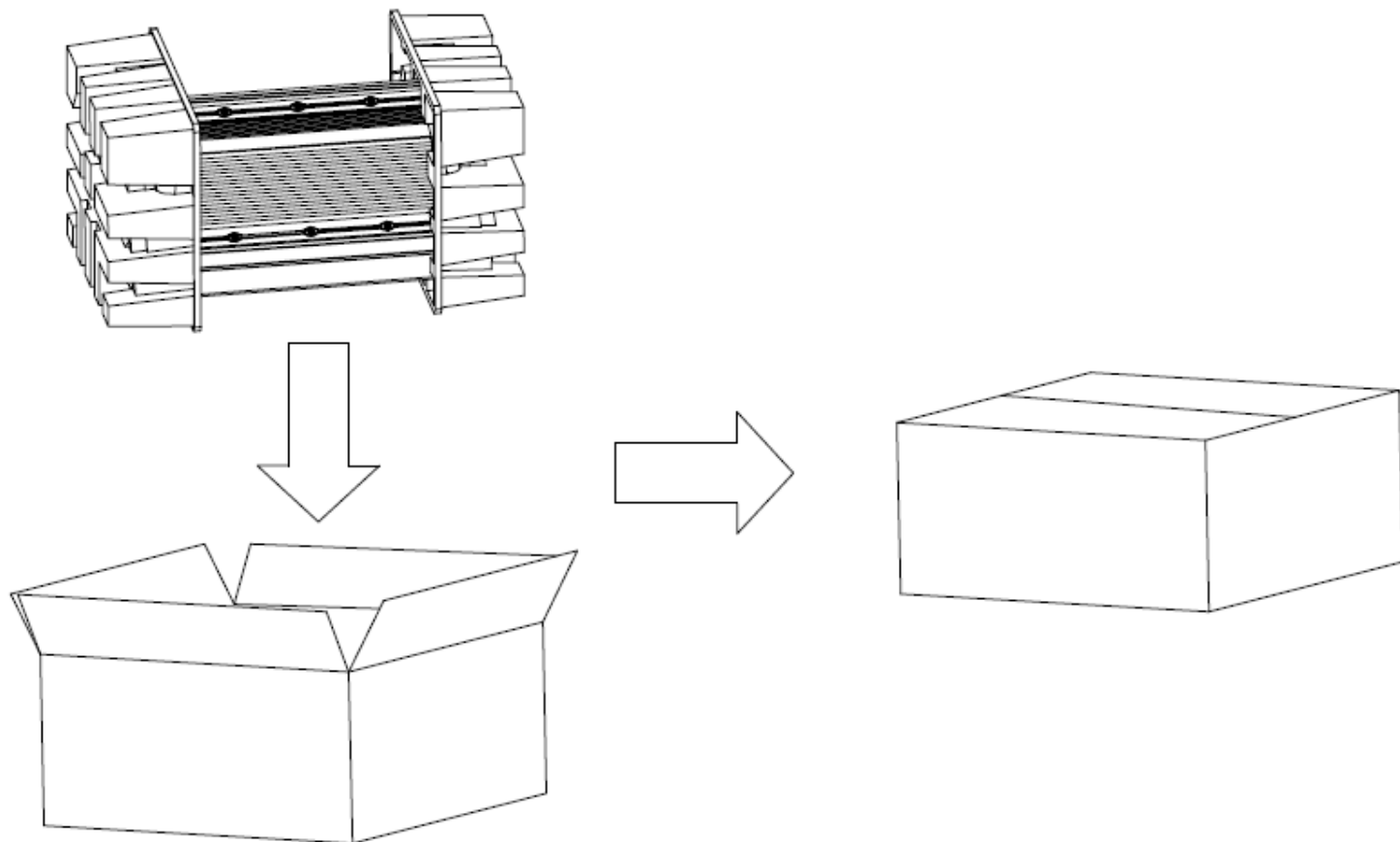
<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	100W
	Color Temperature☒Color Tunable☒	3000-5000K
	Lumen (Tolerance : -10%)	12500-13500 LM
	Efficacy (Tolerance : -3%)	125-135 LM/W
	CRI	>80
	Color Consistency	<7 Steps (or <7 SDCM)
	Diffuser Type	Glass
	Beam Angle (50%) (Tolerance : ±15%)	110 Degree
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Driver Brand	Daermay: WP-CNB-100U
	Driver Surge protection	L/N-PE: 6kV, L-N: 4kV
	Dimming	0-10V dimming standard
	Optional Accessory	Surge-protective Device, Photocontroller, Motion Sensor, PIR Sensor, Wire-Guard, Light-Shield
<b>MATERIALS</b>	LED Type	SMD 2835
	LED QTY	200 PCS
	Housing	Die-cast aluminum
	Housing Color	Brown, Black, or Customized
	Waterproof Rating	WET(IP65)
<b>OTHERS</b>	Operating Temperature	-40°C TO 50°C, Sensor :-25°C TO 50°C
	Storage Temperature	-40°C TO 80°C
	Operating Humidity	20%- 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C

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## PACKAGE

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	487*292*310MM	1 PC	4.3KG	5.4KG

Tolerance of Carton Size:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .



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## LIGHT DISTRIBUTION PARAMETERS

### Luminaire Property

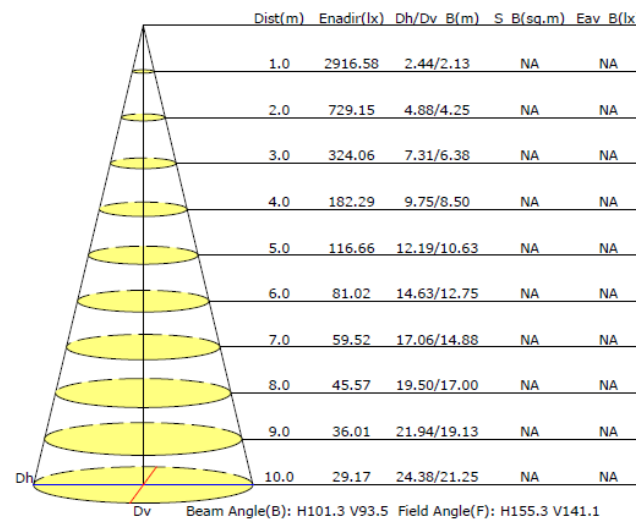
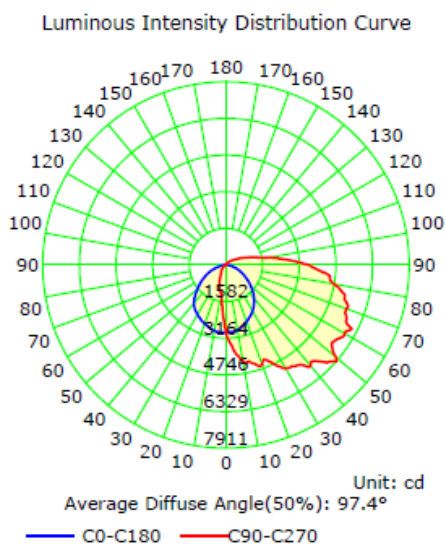
Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 0.846 A  
 Power Factor: 0.995

Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 101.01 W

### Photometric Results

IES Classification: Type IV  
 Total Rated Lamp Lumens: 14616.9 lm  
 Efficiency: 100%  
 Upward Ratio: 12%  
 C0r0 Intensity: 2916.58 cd  
 Pos of Max. Intensity: H90 V49

Longitudinal Classification: Very Short  
 Measurement Flux: 14616.9 lm  
 Downward Ratio: 88%  
 Luminaire Efficacy Rating (LER): 144.76  
 Max. Intensity: 6329.27 cd



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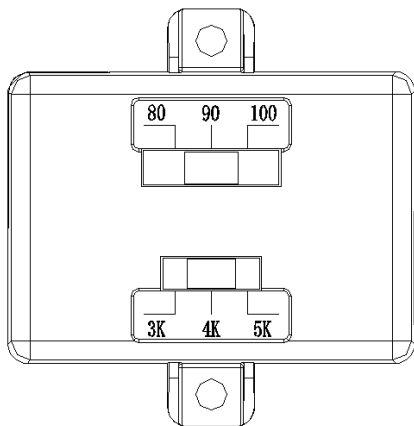
### NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line,  
Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

### TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.

### SPECIAL FUNCTIONS INSTRUCTION:





256-801-9825

### Color tunable instruction

- 1, The color temperature of the lamp turns to 3000K when the switch is set to 3K;
- 2, The color temperature of the lamp turns to 4000K when the switch is set to 4K;
- 3, The color temperature of the lamp turns to 5000K when the switch is set to 5K;

**Note:** Please turn off the power before adjusting the color temperature.

### Power adjustable instruction

1. When the switch is set to 20, the power of the whole lamp is 20W;
2. When the switch is set to 25, the power of the whole lamp is 25W;
3. When the switch is set to 30, the power of the whole lamp is 30W;

**Note:** Please turn off the power before adjusting the power