



LED Panel Light

SPECIFICATION

PRODUCT: 62x62 / 30x120 / 60x120

Model: double side emitting led panel light

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*production data information is current as of publication date.

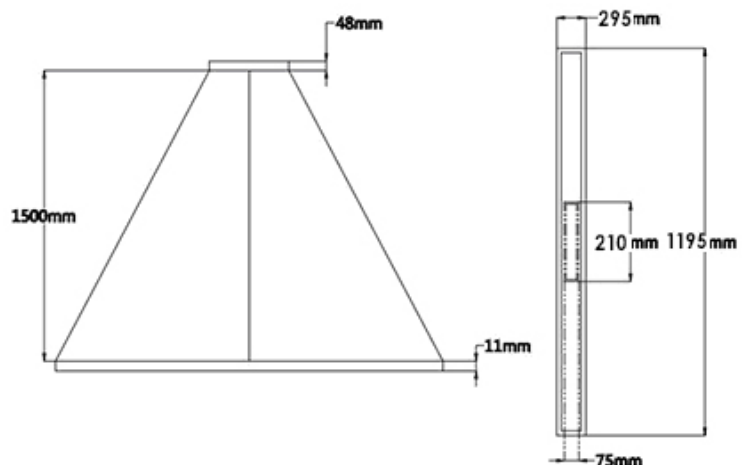


1. Basic Information

1.1 Features

- ✧ Double side Lighting Design. One side emits 70% Lumens of the light, the other 30%.
- ✧ PB Free
- ✧ CE , ROHS, SAA, CB, TUV, GS
- ✧ LED TYPE: SMD 4014 0.2W EPISTAR
- ✧ CRI: ≥ 90
- ✧ Optional CCT: 3000K / 4000K / 6000K
- ✧ Light Angle: 120°
- ✧ Insulation: CLASS II
- ✧ Ingress Protection: IP44
- ✧ Working environment: 10~80%RH, $-20^\circ\text{C} \sim 50^\circ\text{C}$
- ✧ Frame Dimension : 1195*295*11mm / 1195*595*11mm / 620*620*11mm
- ✧ Emitting Dimension: (1150*250)(1150*550)(615*615)*2mm

Warm White	Nature	Pure White	Cold White
3000K	4000K	5000K	6000K



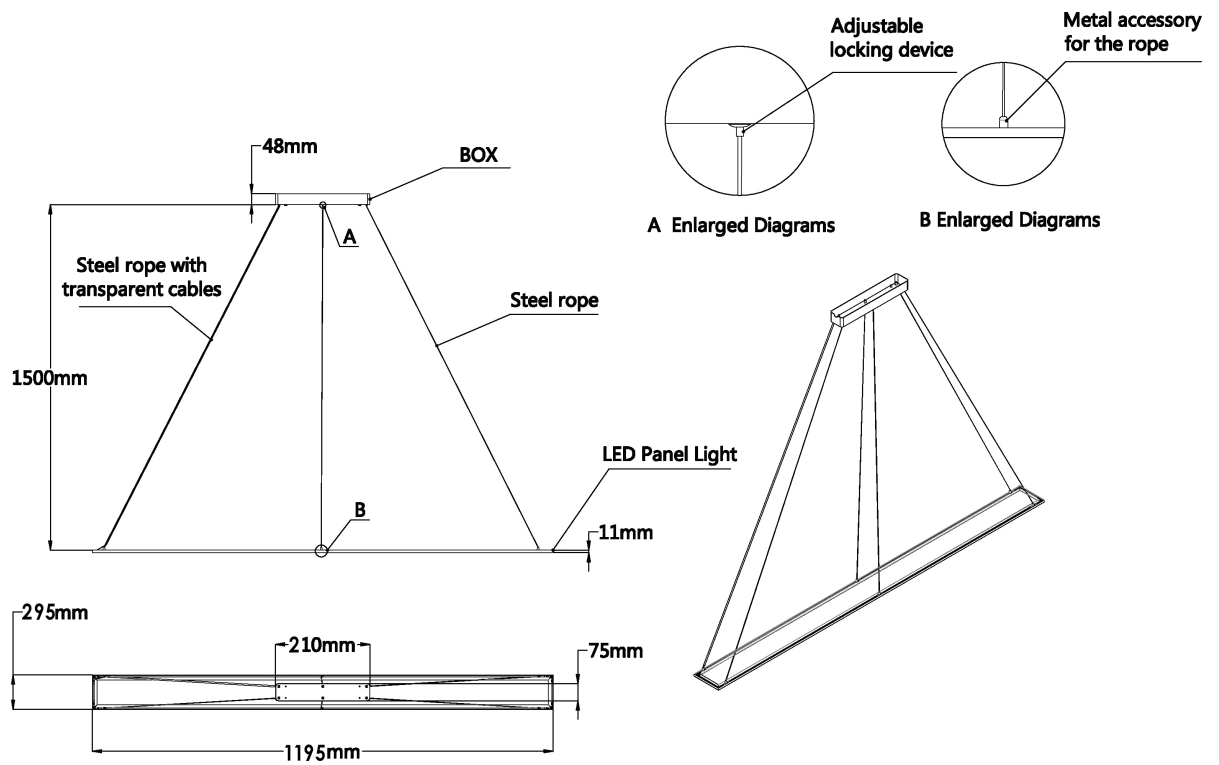
1.2 Electrical-Optical Characteristics



<i>Model</i>	<i>Watts.</i>	<i>LED</i>	<i>Light Eff</i>	<i>Lumen</i>	<i>Power Supply Info.</i>				
		<i>PCS</i>	<i>lm/W</i>	<i>lm</i>	<i>Input</i>	<i>Output</i>	<i>PF</i>	<i>Eff.</i>	
HC3-40	48	240	90	4320	220-240	36VDC	1.0A	>0.9	88%

※Notes: the parameter is based on white color with CCT 4000K/5000K/6000K, light efficiency and luminous will be lower for warm white color with CCT 3000K, +/-10% deviation for parameter of electricity and light can be accepted

2.Installation Diagram



3.The wiring diagram



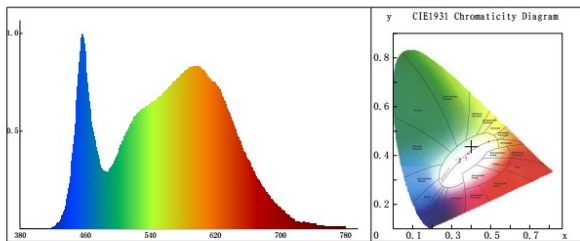
LED Panel Light Wiring

4. Electrical-Optical Test Reference



LED Test Report

Product Mark
 Product Type : HC3-40-4KK-70 Manufacturer :
 Temperature : 25℃ Humidity : 65%
 Operator : 01 Test Date 2016-05-26



Chroma Parameters
 Chro. Coord.: $x = 0.3783$ $y = 0.3771$ $u = 0.2236$ $v = 0.3343$ $duv = 0.0008$
 CCT: $T_c = 4059K$ Dominant Wave.: 579.5nm Purity: 26.7%
 R ratio: R = 18.5 Peak Wave.: 455.9nm Half Width: 23.9nm

Rending Index $R_a = 85.3$
 R1 = 85 R2 = 93 R3 = 96 R4 = 82 R5 = 84
 R6 = 89 R7 = 87 R8 = 68 R9 = 22 R10 = 81
 R11 = 81 R12 = 61 R13 = 87 R14 = 99 R15 = 79

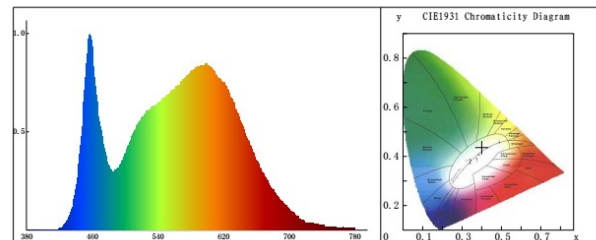
Photo Parameters
 Flux: 2376.01lm Effi.: 84.81lm/W Radiant: 6897.7mW Iv: 0.0mcd

Ele. Parameters
 Voltage: $U = 222.1V$ Current: $I = 0.130A$
 Power: $P = 28.0W$ Power Factor: $PF = 0.968$

Instrument state
 IntgeTime: 39.349ms VPeak: 14997 VDark: 1219
 Scan Range: 380-780nm

LED Test Report

Product Mark
 Product Type : HC3-40-4KK-30 Manufacturer :
 Temperature : 25℃ Humidity : 65%
 Operator : 01 Test Date 2016-05-26



Chroma Parameters
 Chro. Coord.: $x = 0.3776$ $y = 0.3765$ $u = 0.2233$ $v = 0.3340$ $duv = 0.0007$
 CCT: $T_c = 4079K$ Dominant Wave.: 579.5nm Purity: 26.3%
 R ratio: R = 18.5 Peak Wave.: 456.2nm Half Width: 25.1nm

Rending Index $R_a = 85.6$
 R1 = 86 R2 = 94 R3 = 96 R4 = 81 R5 = 83
 R6 = 89 R7 = 87 R8 = 69 R9 = 23 R10 = 83
 R11 = 81 R12 = 61 R13 = 88 R14 = 99 R15 = 80

Photo Parameters
 Flux: 1002.35lm Effi.: 84.91lm/W Radiant: 3089.5mW Iv: 0.0mcd

Ele. Parameters
 Voltage: $U = 223.1V$ Current: $I = 0.055A$
 Power: $P = 11.8W$ Power Factor: $PF = 0.966$

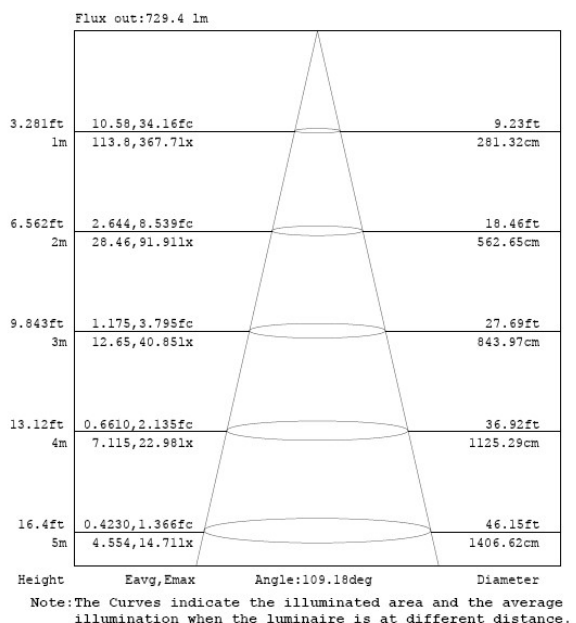
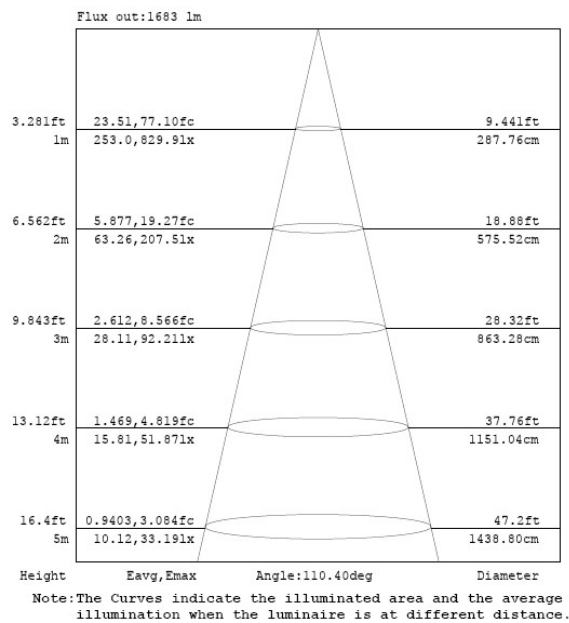
Instrument state
 IntgeTime: 39.961ms VPeak: 15157 VDark: 1424
 Scan Range: 380-780nm

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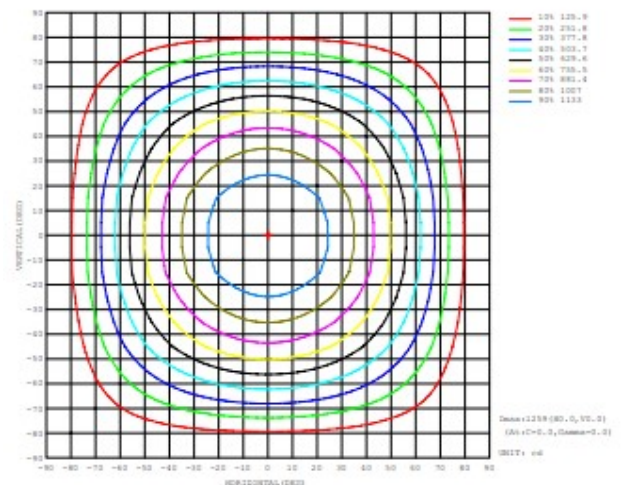
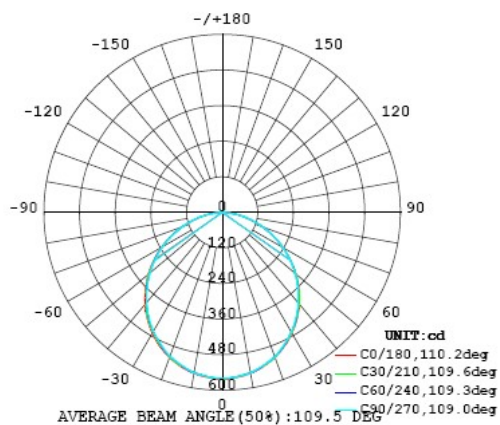
※Notes: This Test report is based on a certain Part Number LED Panel Light.
For more detail test report please contact our sales.

5. Photometric Test Report

70% Side and 30% Side AAI Figure



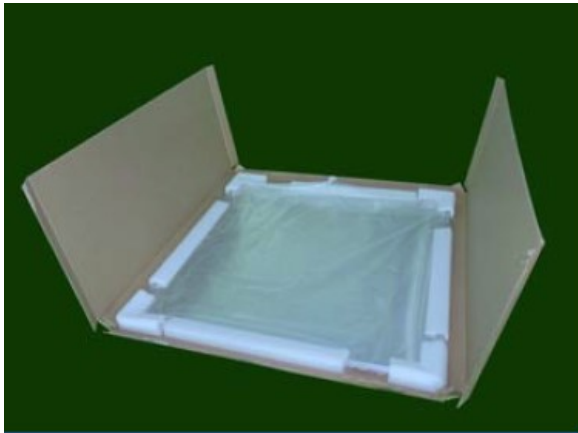
※Notes: This AAI Figure is based on a certain Part Number LED Panel Light. Different power consume, CCT and CRI will affect the flux out, Eavg and Emax. For more detail information, please contact our sales.



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

ISOCANDELA DIAGRAM

6. Packing instructions



Size of inner carton: 128*33*3.5CM
G.W of inner carton: 3.2KG
Packing quantity: 5PCS/mater carton

Size of master carton: 130.5*35.5*20CM
G.W of master carton: 17KG

7.Application Scene

- ✧ municipal lighting、bank lighting、gymnasium lighting、airport、cinema、bus station、Public lighting;
- ✧ hotel、super market、convenience store、bar、coffee shop、teahouse;
- ✧ Apply to advertisement、fair、stage.

8.Notes

- ✧ Turn off all connected power before installation
- ✧ Indoor usage only, please add protection for using outdoor;
- ✧ Normal, the standard product is Non-dimmable, contact our sales for more dimmable driver information.