ITEM#1050

P/N:AST-RWP01B-40WH1JYT1SA1-abcef

Note:

RWP01B = Product series, LED Wall Pack Light

40W = Rating Power

H1=HBE

JY=Bridgelux 3030

T1= Diffuser light angle type employed, can be T1

S=mode of CCT, means single CCT

A1 = Module number

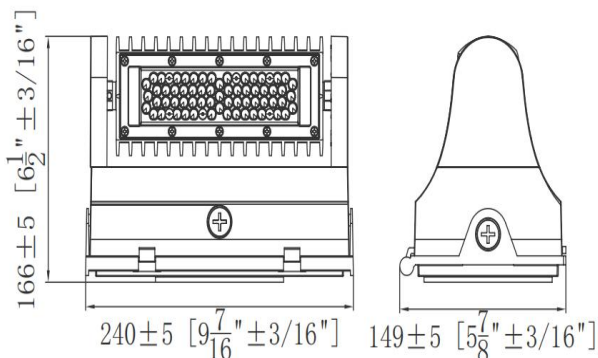The letter "a"can be 2 letters represent lamp colors, "BH = Black、WH=White、BR=Brown or Customized"

The letter"b"can be "P" for Photocontrol or blank for no control function, or "M" for motion sensor, "R" for 12V PIR control, "PM" for photocontrol+motion sensor, "PR" for photocontrol+PIR sensor;

The letter"c"can be any character or empty,S=surge protector,empty means no surge protector;

The letter "e"can be two digits to represent CCT;

The letter"f"can be "F" for Auxiliary output 12V or empty for no Auxiliary output 12V.

DIMENSIONS

166 ± 5 [$6\frac{1}{2}$"$\pm3/16$"]

240 ± 5 [$9\frac{7}{16}$"$\pm3/16$"] 149 ± 5 [$5\frac{7}{8}$"$\pm3/16$"]

ADVANTAGE

- UL cUL DLC 5.1 premium certificate.
- Bridgelux 3030, high CRI.
- IP65 Internal driver.
- Input voltage 100-277VAC.
- Output constant current lever can beadjusted through output cable with 0-10V
- 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.
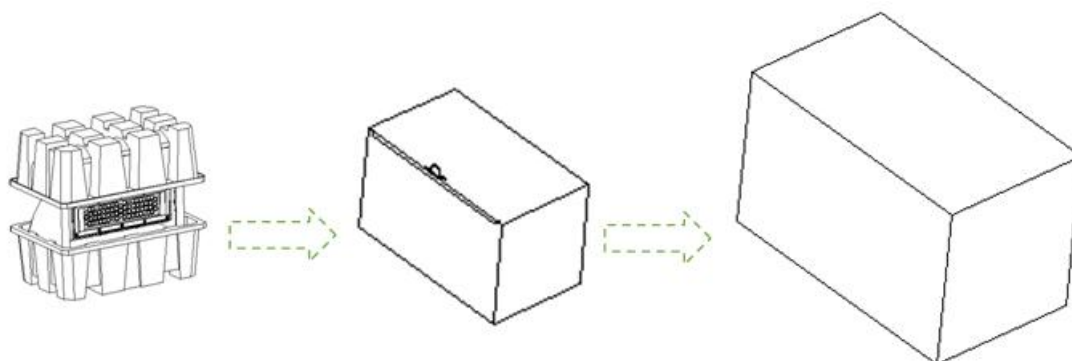- Green and eco-friendly without mercury.

APPLICATION

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

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	40W
	Color Temperature	4000K/4500K/5000K/5700K
	Lumen (Tolerance : ±10%)	5000-5800LM
	Efficacy (Tolerance :±3%)	125-145LM/W
	CRI	>70
	Color Consistency	＜6Steps (or ＜6SDCM)
	Beam Angle (50%) (Tolerance : ±15%)	60 Degree
ELECTRICAL	Input Voltage and Frequency	100-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Driver Brand	HBE
	Driver Model	HB-LPG040-52
	Driver Surge protection	L-N:2.5KV,L/N-GND:2.5KV
	Dimming	0-10V dimming standard
	Sensor Type	Occupancy Sensor
	Optional Accessory	Surge protector / Motion Sensor / PIR / Photocell /Auxiliary output 12V
MATERIALS	LED Brand	Bridgelux
	LED Type	SMD3030
	LED QTY	49 PCS
	Housing	Die-cast aluminum
	Housing Color	Bronze, Black, or Customized
	Waterproof Rating	WET （IP65)
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 45℃；With Motion Sensor: -30℃ TO 45℃
	Storage Temperature	10％-90％ RH
	Operating Humidity	-40℃ TO 80℃
	Storage Humidity	10％-95％ RH
	Warranty	5 years

PACKAGE

Lamp Net Weight	Size	Qty/Carton	Gross Weight / Carton
1.74 kg/pc	415 x 310 x 450 mm	4 pcs	9.5 kg

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm): 178
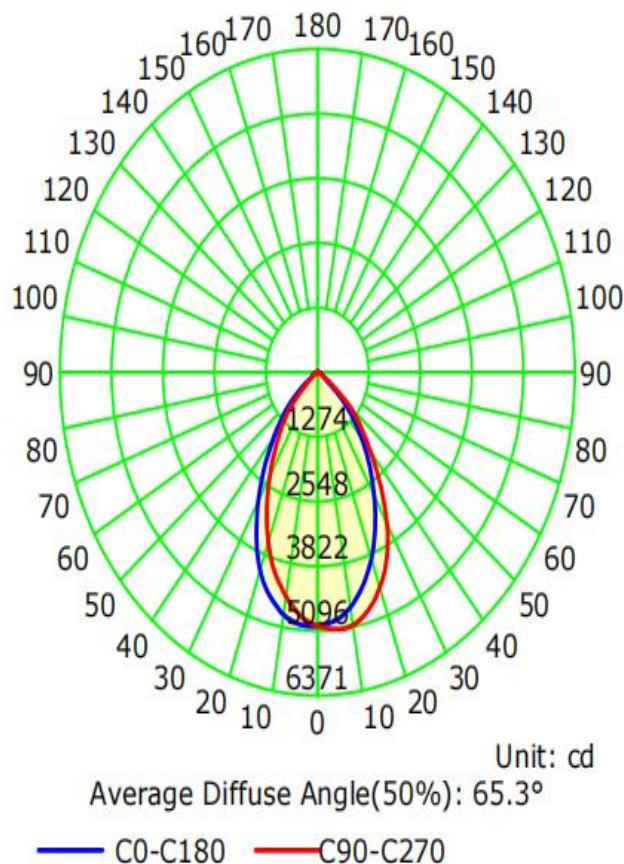Luminous Height (mm):
Current: 0.358 A
Power Factor: 0.987

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 57
Voltage: 120.0 V
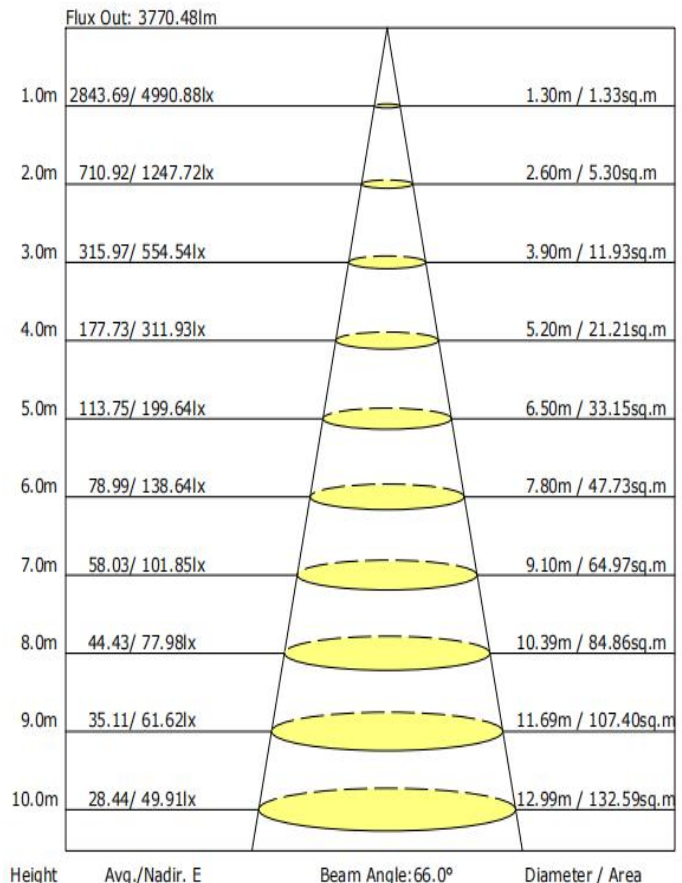Power: 42.45 W

Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 6136.6 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 4990.88 cd
Pos of Max. Intensity: H90 V7
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 66.0, 64.7, 65.7, 64.9

Longitudinal Classification: Very Short
Measurement Flux: 6136.6 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 144.61
Max. Intensity: 5096.84 cd

Luminous Intensity Distribution Curve

Unit: cd

Average Diffuse Angle(50%): 65.3°

— C0-C180   — C90-C270

The Average Illuminance Effective Figure

Flux Out: 3770.48lm

Height	Avg./Nadir. E	Beam Angle:66.0°	Diameter / Area
1.0m	2843.69/ 4990.88lx		1.30m / 1.33sq.m
2.0m	710.92/ 1247.72lx		2.60m / 5.30sq.m
3.0m	315.97/ 554.54lx		3.90m / 11.93sq.m
4.0m	177.73/ 311.93lx		5.20m / 21.21sq.m
5.0m	113.75/ 199.64lx		6.50m / 33.15sq.m
6.0m	78.99/ 138.64lx		7.80m / 47.73sq.m
7.0m	58.03/ 101.85lx		9.10m / 64.97sq.m
8.0m	44.43/ 77.98lx		10.39m / 84.86sq.m
9.0m	35.11/ 61.62lx		11.69m / 107.40sq.m
10.0m	28.44/ 49.91lx		12.99m / 132.59sq.m

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.