LED INDUSTRIES
LIGHTING SOLUTION

UL CERTIFIED SAFETY US-CA E495046 LUMINAIRE

DLC QPL LISTED PREMIUM

P/N:AST-RWP01B-80WW1CYT1 DA2-BR30/40/50

Note:

AST= Company name;

RWP01B = Product series, LED WallPack;

80W = Rating Power

W1= Driver manufacturer, WeledPower;

CY= LED manufacturer, Seoul;

T1= Diffuser type, 60 Degree;

D= LED Module type, double color;

A2 = Version number;

The letter "a" can be 2 letters represent lamp colors," BH = Blacks WH=White^ BR=Bronze 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;
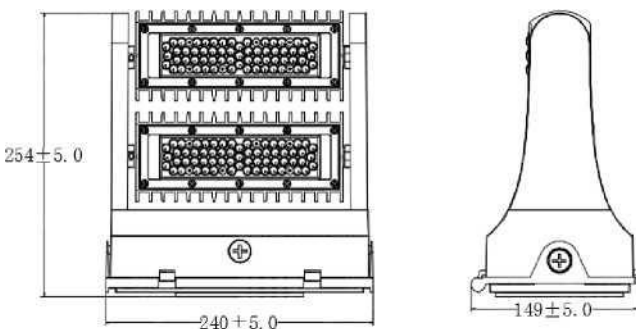
The letter"[A;SA]" can be A=represents power adjustable or SA=surge protector and power adjustable are equipped;

The letter "e" can be two digits to represent CCT,30/40/50=3000K/4000K/5000K;

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

DIMENSIONS

254±5.0
240±5.0
149±5.0

ADVANTAGE

> UL cUL DLC V5.1 standard certificate.
> Seoul 3030, high CRI.
> IP65 Internal driver.
> Input voltage 120-277VAC.
> 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.

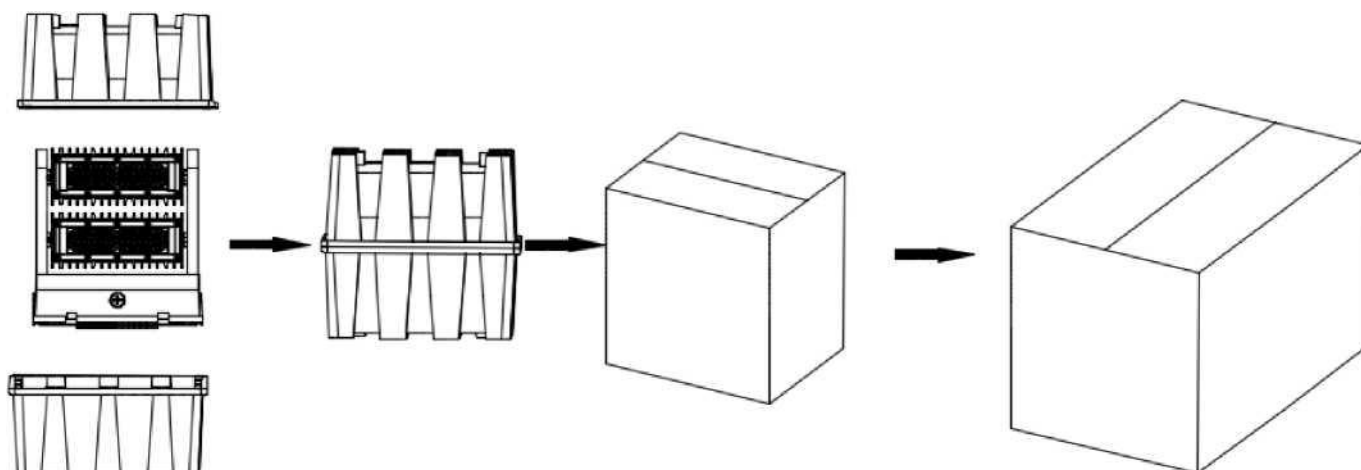www.ledindustriesusa.com   13450 FM 529
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Phone: 800-784-0698   info@ledindustriesusa.com

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SPECIFICATIONS

	Input Power (Tolerance : ±10%)	80W (Wattage adjustable 80W/60W/40W)		
OPTICAL	CCT (Color Tunable)	**3000K**	**4000K**	**5000K**
	Lumen (Tolerance : ±10%)	**8880LM**	**10160LM**	**9680LM**
	Efficacy (Tolerance : ±3%)	**111LM/W**	**127LM/W**	**121LM/W**
	CRI	>70		
	Color Consistency	<7Steps (or <7SDCM)		
	BUG	B4-U1-G1		
	Beam Angle (50%) (Tolerance : ±15%)	60 Degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	>0.9		
	THD (Tolerance : +5%)	<20%		
	Flicker Percent	<50%		
	Driver Brand	Weled Power		
	Driver Model	WP-HHA-075U0382000		
	Driver Surge protection	L-N: 2kV, L&N-PE:4KV		
	Dimming	0-10V dimming standard		
	Sensor Type	Occupancy Sensor		
	Optional Accessory	Surge protector ,Auxiliary output 12V		
MATERIALS	LED Brand	Seoul		
	LED Type	SMD3030		
	LED QTY	30 PCS(3000K/5000K);60 PCS(4000K)		
	Housing	D i e-cast aluminum		
	Housing Color	Bronze		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	-40°C TO 45°C (Without Sensor) ; -25°C TO 45°C (With Sensor)		
	Storage Temperature	10%-90% RH		
	Operating Humidity	-40C TO 80°C		
	Storage Humidity	10%-95% RH		
	Warranty	5 years		

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	415*310*320 MM	**2 PCS**	6.1 KG	7.2KG
Inner box	295*200*300MM	**1PC**	3.05KG	3.125KG

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

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LED DISTRIBUTON TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.702 A
Power Factor: 0.993

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
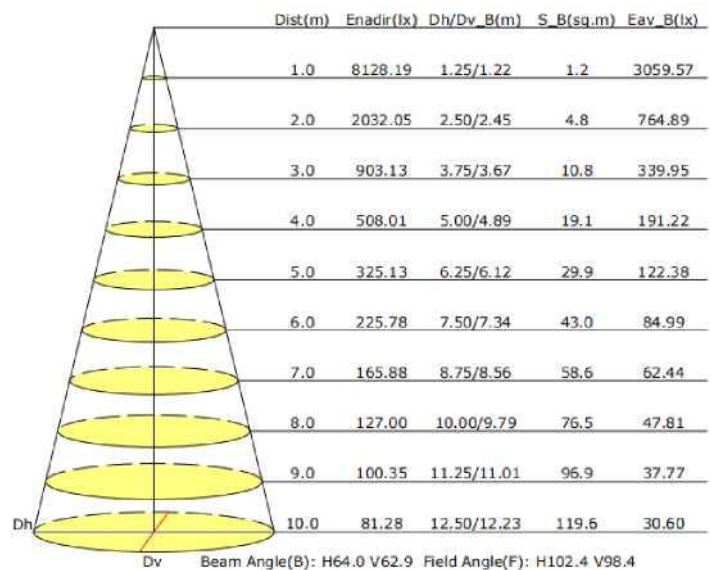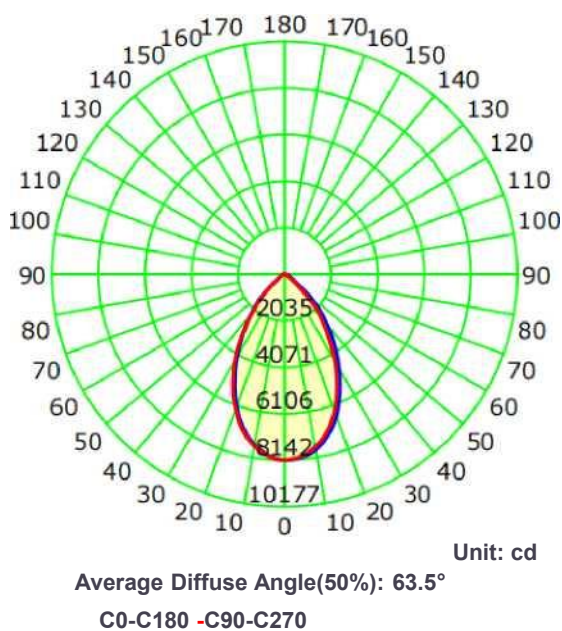Voltage: 120.0 V
Power: 83.77 W

Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 9268.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 8128.19 cd
Pos of Max. Intensity: H45 V2

Longitudinal Classification: Very Short
Measurement Flux: 9268.3 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 110.69
Max. Intensity: 8142.36 cd

Luminous Intensity Distribution Curve

Unit: cd

Average Diffuse Angle(50%): 63.5°

C0-C180 -C90-C270

Illuminance at a Distance

Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	8128.19	1.25/1.22	1.2	3059.57
2.0	2032.05	2.50/2.45	4.8	764.89
3.0	903.13	3.75/3.67	10.8	339.95
4.0	508.01	5.00/4.89	19.1	191.22
5.0	325.13	6.25/6.12	29.9	122.38
6.0	225.78	7.50/7.34	43.0	84.99
7.0	165.88	8.75/8.56	58.6	62.44
8.0	127.00	10.00/9.79	76.5	47.81
9.0	100.35	11.25/11.01	96.9	37.77
10.0	81.28	12.50/12.23	119.6	30.60

Beam Angle(B): H64.0 V62.9   Field Angle(F): H102.4 V98.4

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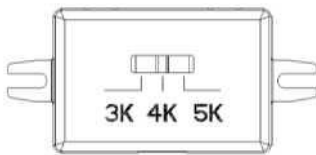
NOTICE FOR USER

> 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.

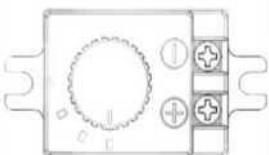## SPECIAL FUNCTIONS INSTRUCTION:

Color temperature adjustable instruction

1, The color temperature of the lamp turns to 3000K when the DIP switch is set to 3K
2, The color temperature of the lamp turns to 4000K when the DIP switch is set to 4K
3, The color temperature of the lamp turns to 5000K when the DIP switch is set to 5K
Note: Please turn off the power before adjusting the color temperature.

Wattage adjustable instruction

Turn the wattage adjustable knob to a certain wattage gear, the power of the lamp will change to the corresponding wattage.
Adjustable wattage :80W,60W,40W;