GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com

P/N: GT-MWP4-20W-LBMb-ad-S

Note:

GT= Company name;

MWP4= Product series, LED Wall Pack;

20W = Rating Power;

B=Lumileds;

"M" stands for Matte lens;

"b" can be "P" or blank,P= Photocontrol type provided ;
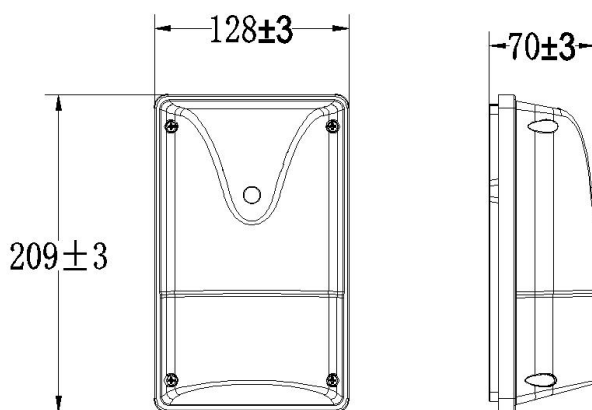
"a" can be any two letters to represent lamp colors;
    BR=Brown, BH=Black, or Customized;

"d" can be XXK for CCT;
        40K=4000K, 50K=5000K , 57K=5700K

"S"=Single color temperature；

DIMENSIONS

128±3

70±3

209±3

ADVANTAGE

➢ UL certificate.
➢ Lumileds Chip, high CRI.
➢ Input voltage 120-277VAC.
➢ Output constant current lever can be adjusted 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.
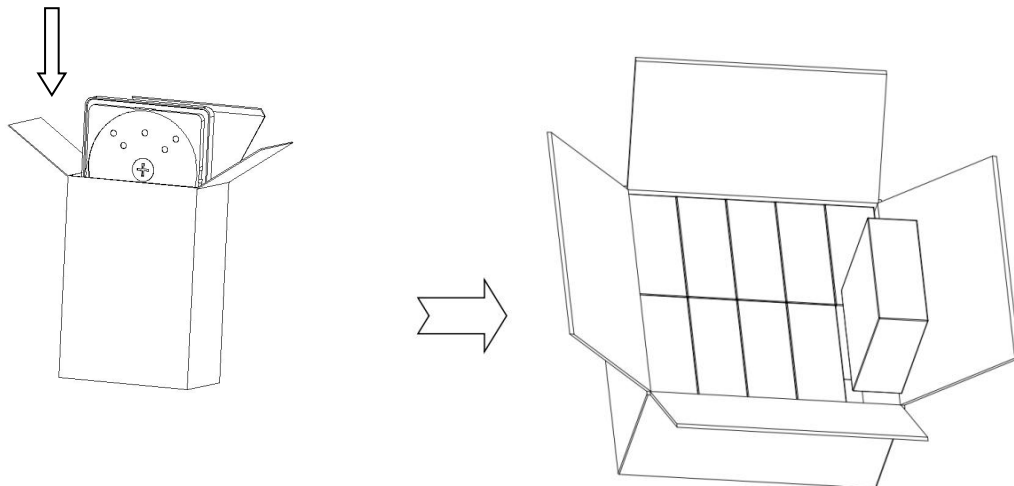➢ Building,The hotel.
    Wall lighting area and so on.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	20W		
	Color Temperature	4000K	5000K	5700K
	Lumen (Tolerance : ±10%)	2769LM	2817LM	2889LM
	Efficacy (Tolerance : ±3%)	130LM/W	132LM/W	132.1LM/W
	CRI	>80		
	Color Consistency	＜6 SDCM		
	Distribution Pattern	Matte lens		
	Beam Angle (50%) (Tolerance : ±15%)	100 Degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	＜70%		
	Driver Brand	AST		
	Driver Model	HB-FL19F025		
	Driver Surge protection	L/N-PE: 2.5kV, L-N: 2.5kV		
	Dimming	0-10V dimming standard		
	Optional Accessory	Photocontrol		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	63pcs		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black, or Customized		
	Waterproof Rating	WET（IP65）		
OTHERS	Operating Temperature	-40℃ TO 45℃		
	Storage Temperature	-40℃ TO 85℃		
	Operating Humidity	10％ - 90％ RH		
	Storage Humidity	5％ - 95％ RH		
	Warranty	5 years		

PACKAGE

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	135*80*219mm	1	0.7kg	0.77kg
Outer box	417*285*239mm	10	7kg	9kg

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):
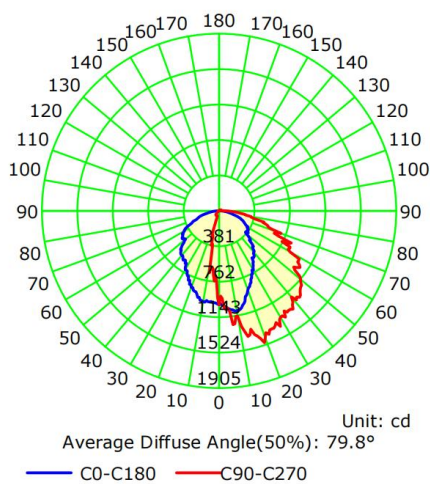Luminous Height (mm):
Current: 0.179 A
Power Factor: 0.989

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
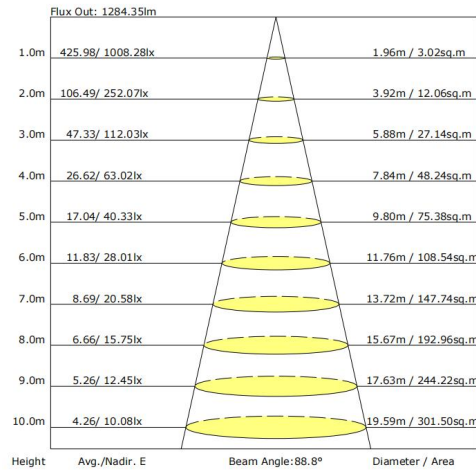Power: 21.29 W

Photometric Results

IES Classification: Type III
Total Rated Lamp Lumens: 2724.0 lm
Efficiency: 100%
Upward Ratio: 3%
C0r0 Intensity: 1008.28 cd
Pos of Max. Intensity: H67.5 V21
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.8, 70.8, 73.8, 79.2

Longitudinal Classification: Very Short
Measurement Flux: 2724 lm
Downward Ratio: 97%
Luminaire Efficacy Rating (LER): 128.00
Max. Intensity: 1524.33 cd

Luminous Intensity Distribution Curve

Unit: cd
Average Diffuse Angle(50%): 79.8°

— C0-C180   — C90-C270

The Average Illuminance Effective Figure

Flux Out: 1284.35lm

Height	Avg./Nadir. E	Beam Angle:88.8°	Diameter / Area
1.0m	425.98/ 1008.28lx		1.96m / 3.02sq.m
2.0m	106.49/ 252.07lx		3.92m / 12.06sq.m
3.0m	47.33/ 112.03lx		5.88m / 27.14sq.m
4.0m	26.62/ 63.02lx		7.84m / 48.24sq.m
5.0m	17.04/ 40.33lx		9.80m / 75.38sq.m
6.0m	11.83/ 28.01lx		11.76m / 108.54sq.m
7.0m	8.69/ 20.58lx		13.72m / 147.74sq.m
8.0m	6.66/ 15.75lx		15.67m / 192.96sq.m
9.0m	5.26/ 12.45lx		17.63m / 244.22sq.m
10.0m	4.26/ 10.08lx		19.59m / 301.50sq.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.