LED STRIP LIGHT

P/N: PLT-11914 Wattage and Color Selectable - 4 ft. LED Strip Light - Kelvin 3000-4000-5000 - Watts 20-30-40 - Lumens 5334 - 120-277 Volt
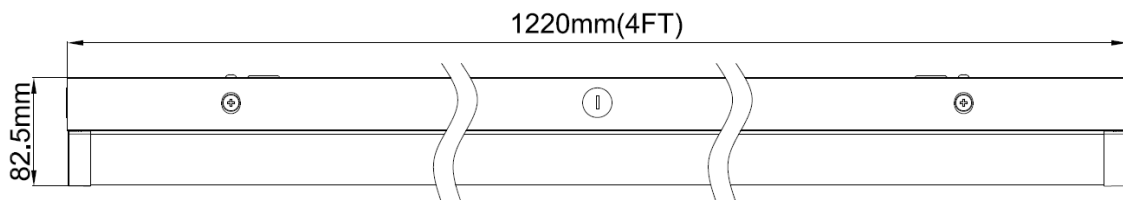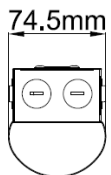

ADVANTAGE

- ➢ UL certified, damp location
- ➢ Lumileds Chip, high CRI.
- ➢ Color Tunable.
- ➢ Wattage Adjustable.
- ➢ 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 humming.
- ➢ Green and eco-friendly without mercury.

APPLICATION

- ➢ Offices, Hallways and Conference Rooms;
- ➢ Exhibition hall and supermarkets, etc.
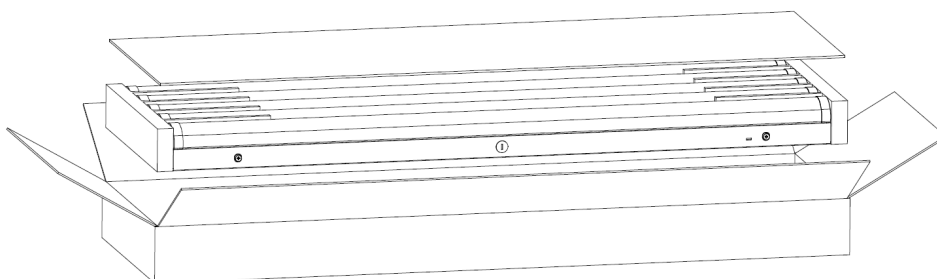- ➢ DLC 5.1 Standard

DIMENSIONS

74.5mm

82.5mm

1220mm(4FT)

LED STRIP LIGHT

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	40W (Wattage Adjustable: 40W/30W/20W)
	Color Temperature	5000K/4500K/4000K,5000K/4000K/3000K
	(Color Tunable)	4500K/4000K/3000K,4000K/3500K/3000K
	Lumen (Tolerance : -10%)	4898 / 5322 / 5334 LM @40W 3892 / 4192 / 4176 LM @30W 2786 / 2938/ 2954 LM @20W
	Efficacy (Tolerance : -3%)	122 / 133 / 133 @40W 130 / 140 / 139 @30W 139 / 147 / 148 @20W
	CRI	>80
	Color Consistency	＜7 Steps (or ＜7 SDCM)
	Diffuser Type	PC Lens (Round)
	Beam Angle (50%) (Tolerance : ±15%)	130 Degree
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	＜5%
	Driver Brand	BECKY
	Driver Model	BQE46G-0860-42-PV-S1S2
	Driver Surge protection	L/N-PE: 2kV, L-N: 1kV
	Dimming	0-10V dimming standard
	Optional Accessory	AC PIR Sensor,DC Motion Sensor, Emergency Power Supply(8W/90min)
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	280 PCS (140+140)
	Housing	IRON
	Housing Color	White, or Customized
	Waterproof Rating	DAMP（IP4X）
OTHERS	Operating Temperature	With out Sensor and Emergency Power Supply: -35℃ TO 45℃
		With Sensor: -20℃ TO 45℃
		With Emergency Power Supply: 0℃ TO 40℃
	Storage Temperature	-20℃ TO 80℃
	Operating Humidity	20％ - 90％ RH
	Storage Humidity	10％ - 95％ RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25℃

PACKAGE

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	1290*395*105 MM	5 PCS	1.75 KG/PC	10.2 KG
Outer box (DC Sensor)	1290*395*105 MM	5 PCS	1.8 KG/PC	10.7 KG
Outer box (Emergency Power Supply)	1290*395*105 MM	5 PCS	2.15 KG/PC	12.5 KG

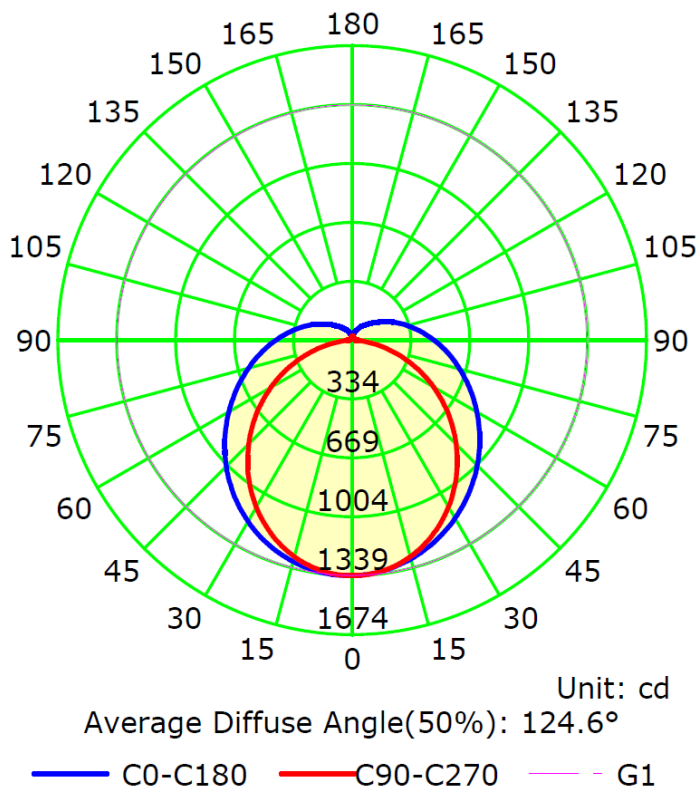Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.

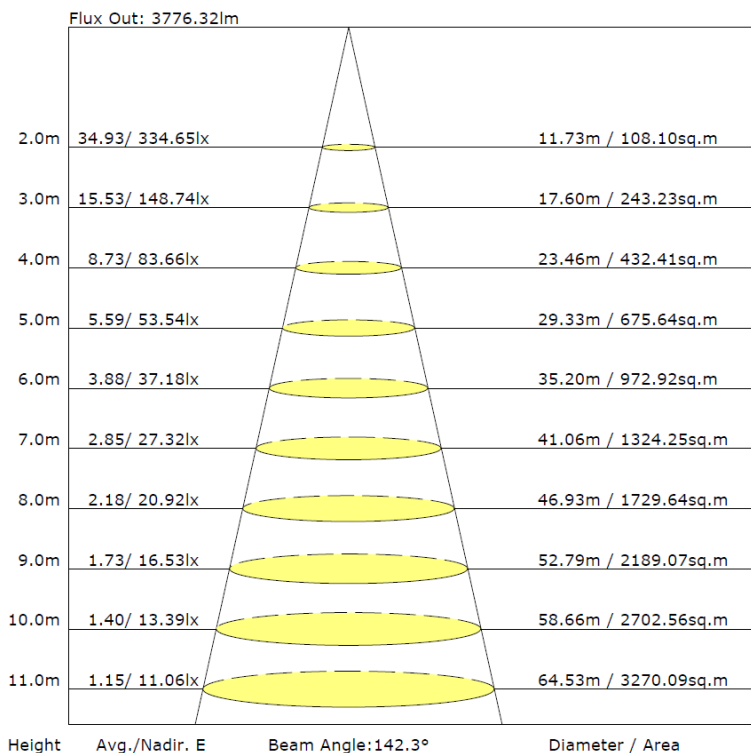## LIGHT DISTRIBUTION TESTING PARAMETERS <5000K>

Photometric Results

CIE Class: Semi-Direct
Measurement Flux: 5334.6 lm
Downward Ratio: 85%
Horizontal Diffuse Angle(50%): H142.4
Vertical Diffuse Angle(50%): V106.9
Luminaire Efficacy Rating (LER): 133.51
Max. Intensity: 1339.34 cd
S/MH(C0/C180): 1.31

Total Rated Lamp Lumens: 5334.6 lm
Efficiency: 100%
Upward Ratio: 15%

Central Intensity: 1338.62 cd
Pos of Max. Intensity: H135 V1
S/MH(C90/C270): 1.22

Average Diffuse Angle(50%): 124.6°

— C0-C180   — C90-C270   — - G1

Unit: cd

The Average Illuminance Effective Figure

Flux Out: 3776.32lm

Height	Avg./Nadir. E	Diameter / Area
2.0m	34.93/ 334.65lx	11.73m / 108.10sq.m
3.0m	15.53/ 148.74lx	17.60m / 243.23sq.m
4.0m	8.73/ 83.66lx	23.46m / 432.41sq.m
5.0m	5.59/ 53.54lx	29.33m / 675.64sq.m
6.0m	3.88/ 37.18lx	35.20m / 972.92sq.m
7.0m	2.85/ 27.32lx	41.06m / 1324.25sq.m
8.0m	2.18/ 20.92lx	46.93m / 1729.64sq.m
9.0m	1.73/ 16.53lx	52.79m / 2189.07sq.m
10.0m	1.40/ 13.39lx	58.66m / 2702.56sq.m
11.0m	1.15/ 11.06lx	64.53m / 3270.09sq.m

Beam Angle:142.3°

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.