

20W 2' STRIP LIGHT

KLSN20W2FT-STRIP MCCT



SPECIFICATIONS

Driver Info

Type	Constant Current
Voltage	100-277Vac 50/60 Hz
THD	≤20%
PF	≥0.9
Input Watts	20W
Efficiency	≥88%

LED Info

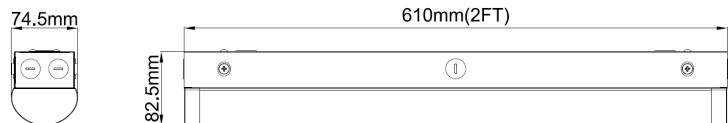
Watts:	20W
Color Temp:	CCT Tunable
Color Accuracy	>80CRI
L70 Lifespan:	>50000 hrs
Lumens:	2475 LM ± 10%
Efficacy:	123 lm/W ± 3%

Color: White

APPLICATION

Offices, hallways, conference rooms, exhibition halls, supermarkets etc.

DIMENSIONS



TECHNICAL SPECIFICATIONS

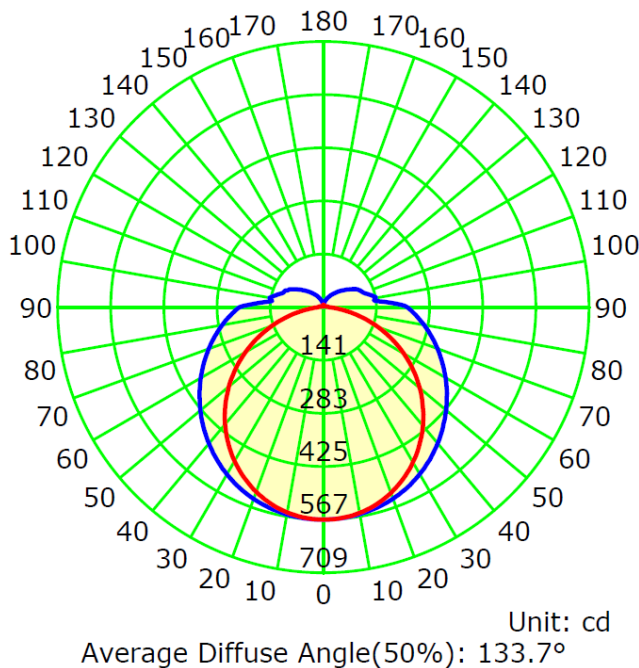
OPTICAL	Input Power (Tolerance : ±10%)	20W
	Color Temperature (Color Tunable)	5000K/4000K/3000K
	Lumen (Tolerance : -10%)	2300~2650LM
	Efficacy (Tolerance : -3%)	115~132LM/W
	CRI	>80
	Color Consistency	<7 Steps (or <7 SDCM)
	Diffuser Type	PC Lens (Round)
	Beam Angle (50%) (Tolerance : ±15%)	130 Degree
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	BQE25J-0480-48-PV
	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(4W/90min)
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	156 PCS (78+78)
	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℃

Light Distribution Testing Parameters (3000K)

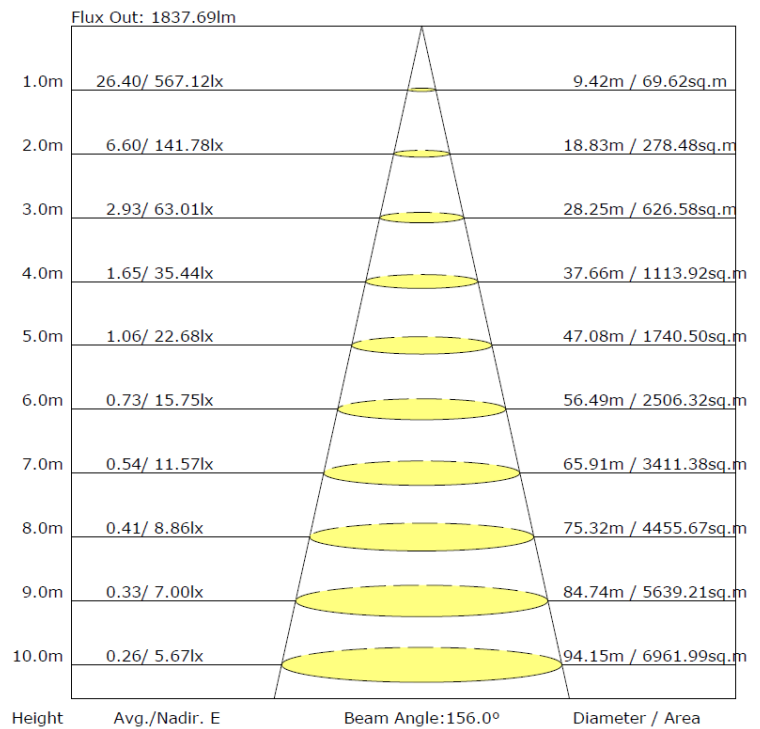
Photometric Results

CIE Class: Semi-Direct
 Measurement Flux: 2405.3 lm
 Downward Ratio: 85%
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 273.7, 161.5, 240.5, 241.9
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 156.0, 111.3, 130.7, 130.9
 Luminaire Efficacy Rating (LER): 118.02
 Max. Intensity: 567.31 cd
 S/MH(C0/C180): 1.35
 Total Rated Lamp Lumens: 2405.3 lm
 Efficiency: 100%
 Upward Ratio: 15%
 C0r0 Intensity: 567.12 cd
 Pos of Max. Intensity: H90 V1
 S/MH(C90/C270): 1.25

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



Notice for Users

- 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.
- Non-professionals, must not install and disassemble the lamps.

Troubleshooting

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 order	Please check the connections.