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FOR SAUNA ROOM LED STRIP SPECIFICATION

SMD3030 80LEDs Sauna Room LED Strip



3030SMD 80LEDs LED Strip

GL-80S9.6.27.5-IP65



Description

High temperature resistance LUMILEDS LUXEON 3030 LEDs

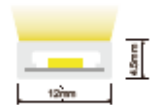
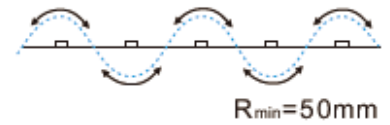
Food grade silicone extrusion process, IP65 rating

$-25^{\circ}\text{C} \leq T_a \leq 100^{\circ}\text{C}$

3 years warranty



Dimensions & Waterproof



Product Specification

Dimension	5000x12x4.5mm
Chip Type	3030SMD
Chip Density	80LEDs/m
Step LEDs	4LEDs
Step Length	50mm

Voltage(V)	DC24V
Current(A/m)	0.2A / 0.4A
Power(W/m)	4.8W / 9.6W
Beam Angle	120°
Ambient temperature	$-25^{\circ}\text{C} \sim 100^{\circ}\text{C}$

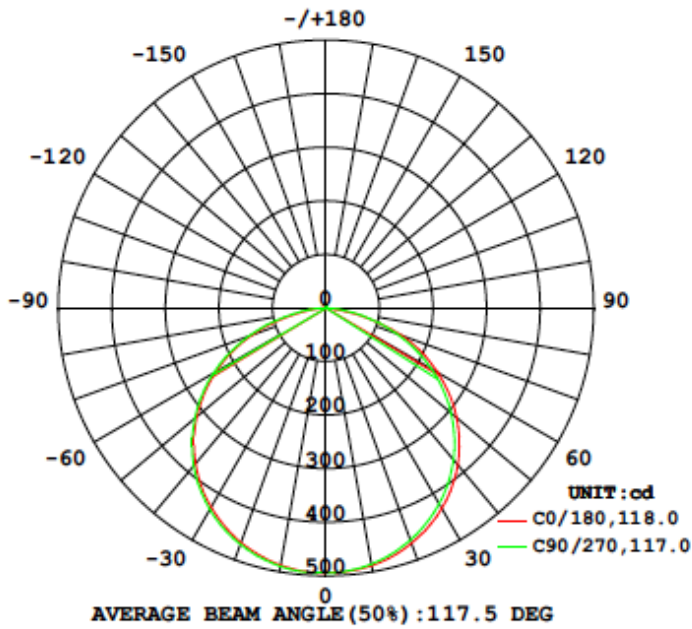
Product Photometrics

CCT (K)	CRI	Lumen(@4.8W/M) (lm/m)	Efficacy(@4.8W/M) (lm/w)	Lumen(@9.6W/M) (lm/m)	Efficacy(@9.6W/M) (lm/w)
2700K±100K	>80	782.4	163	1564.8	163
3000K±150K	>80	830.4	173	1660.8	173
3500K±200K	>80	840	175	1680	175
4000K ^{-200K} / _{+300K}	>80	854.4	178	1708.8	178
5000K ^{-200K} / _{+400K}	>80	854.4	178	1708.8	178
6500K ^{-500K} / _{+100K}	>80	854.4	178	1708.8	178

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Light Distribution Curve [Data base on 1m IP20 3000K CRI>80 9.6w/m]



Flux out: 1161 lm

Height	Eavg, Emax	Angle: 116.96deg	Diameter
1m	123.1, 495.7lx		326.15cm
2m	30.78, 123.9lx		652.29cm
3m	13.68, 55.08lx		978.44cm
4m	7.696, 30.98lx		1304.58cm
5m	4.925, 19.83lx		1630.73cm
6m	3.420, 13.77lx		1956.88cm
7m	2.513, 10.12lx		2283.02cm
8m	1.924, 7.745lx		2609.17cm
9m	1.520, 6.119lx		2935.31cm
10m	1.231, 4.957lx		3261.46cm

Height Eavg, Emax Angle: 116.96deg Diameter

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Packing Information

