

LED Square Surface panel

WLT



WLT LED Surface panel light

Benefits

- Saving up to 60-70% Compared to High intensity discharge lamps
- Better visibility & uniformity
- Minimum Maintenance

Features

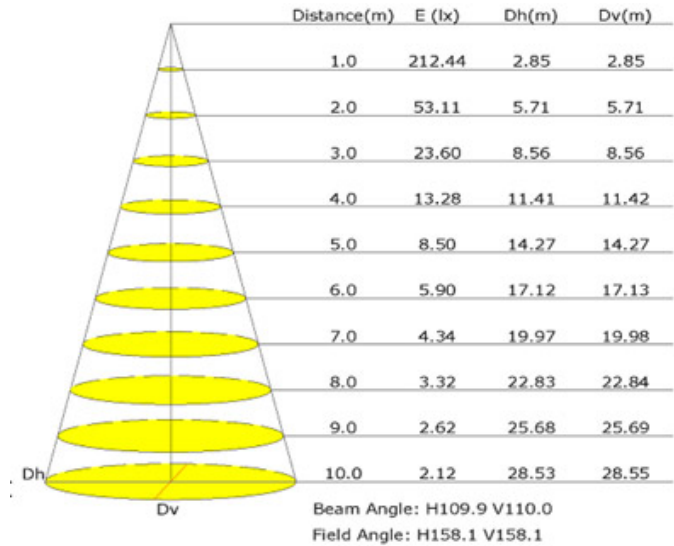
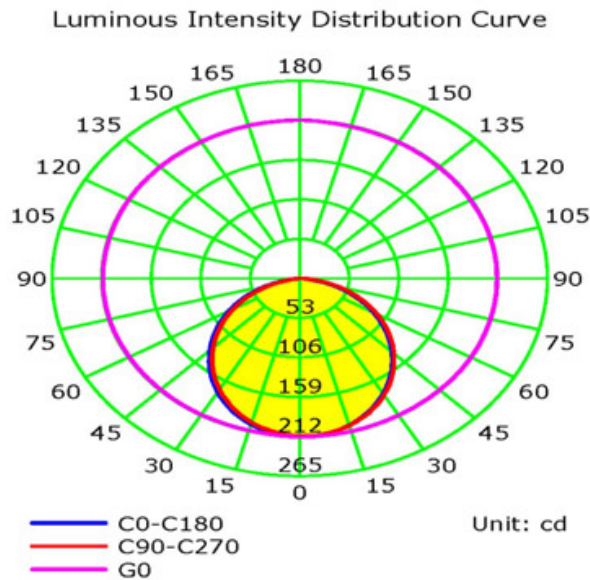
- Efficient Secondary optics
- Adjustable angle
- Selectable power option
- Useful life of 50,000 Hours

Application

- Commercial Offices
- Residences
- Hotels
- BPO's

Technical Data Sheet of 3/6/12/18 w Surface Round Panel Light		
S.No	Technical Parameters	Specified values
Electrical Parameters		
1	Input Voltage range	120 V-270 V AC
2	Rated Wattage	6w/12w/18 W/22W
3	Power factor	≥ 0.95
4	Total harmonic Distortion (THD)	≤ 10%
5	Driver Efficiency	≥ 92%
6	LED Driving Current	350mA to 500Ma
7	Control Circuit	CCCV Compatible to LED
Optical Parameters		
1	LED Make	OSRAM/NICHIA/CREE
2	LED Efficacy	≥ 130 Lumen/watt
3	Color Temperature (CCT)	3000 K to 6500K
4	Color rendering Index (CRI)	≥75
5	Total Lumen Output	580/1120/1650/2000 Lumen
6	Optical Efficiency	≥90%
7	Beam Angle	>120 °
8	Uniformity	>0.33 as per IS 1944
9	LED Life	≥50,000 hours
Mechanical Parameters		
1	TUBE Casing	PDC AL
2	Cover	Milky acrylic cover
3	Fixing spares	Spring SS Toggle
4	Diffuser Efficiency	≥95%
5	Lens Make	NA
6	Material used for MCPCB	AL. Metal Core
7	PCB type	For Driver Epoxy FR4 & For LED MCPCB
8	Wires & cables	Wires used are Low smoke halogen free & fire retardant
Functional Parameters		
1	Ingress Protection	Entire housing & Driver is IP 54
2	Temperature & humidity	Temperature range -5to 50° and Humidity 10% to 90% RH
3	Aerodynamics	NA
4	Insulation resistance	IR >2MΩ @500VDC
5	High Voltage Test	1.5 VDC for 1 min
6	Endurance test	400V AC for 4 hours
7	High Voltage Protection	Up to 400V
8	Surge Protection	>4KV
9	EMI Protection	Provided
Conformance/ Compliance		
1	IS-16101,IS-16102,IS-16104,IS-16105,IS-16106	Conform
2	IS-10322,	Conform
3	Impact Resistance -	IK-03
4	CE /ROHS	Conform

Photometric data:



Similar Product Picture:



Product name	Wattage	Color Temperature	Product Code
LED Surface Panel Round	6W	WW/NW/CW	NPWLSFR6W WW/NW/CW
LED Surface Panel Round	12W	WW/NW/CW	NPWLSFR12W WW/NW/CW
LED Surface Panel Round	18 W	WW/NW/CW	NPWLSFR18W WW/NW/CW
LED Surface Panel Round	22 W	WW/NW/CW	NPWLSFR22W WW/NW/CW

*Email – WLT Corp14gmail.com
C.O: 103, jaina Tower 2,
Janakpuri
District Centre, New Delhi-110058
Ph-011-45102277*