

LED Recessed Slim Panel Light

WLT



WLT LED Slim 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

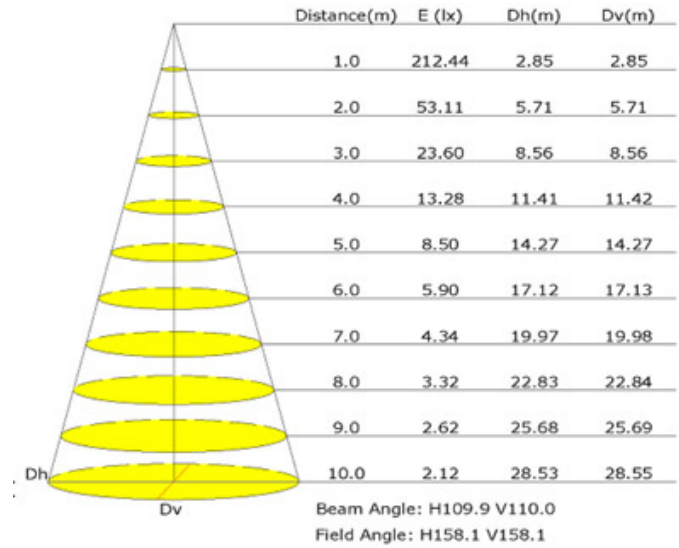
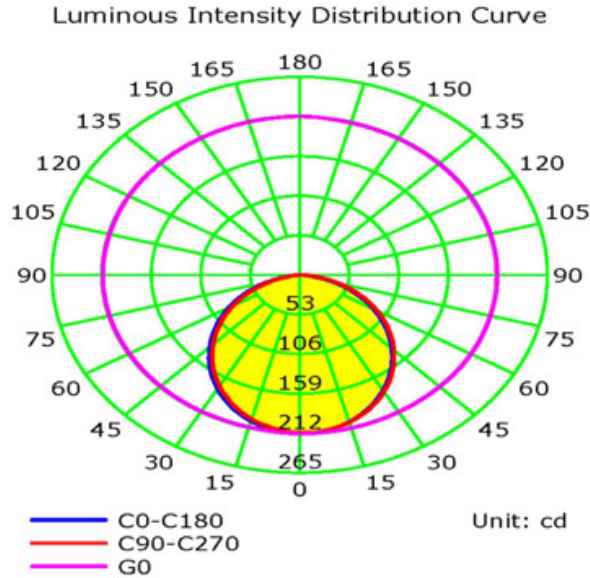
- Commercial Offices
- Residences
- Hotels
- BPO's

WLT CORP

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| Technical Data Sheet of 3/6/12/18 w Slim Square Panel Light | | |
|---|--|---|
| S.No | Technical Parameters | Specified values |
| Electrical Parameters | | |
| 1 | Input Voltage range | 120 V-270 V AC |
| 2 | Rated Wattage | 3/w/6w/12w/18 W |
| 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 | 290/580/1120/1650 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 ⁰ 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 Slim Panel Square | 3W | WW/NW/CW | NPWLSQP3W WW/NW/CW |
| LED Slim Panel Square | 6W | WW/NW/CW | NPWLSQP6W WW/NW/CW |
| LED Slim Panel Square | 12W | WW/NW/CW | NPWLSQP12W WW/NW/CW |
| LED Slim Panel Square | 18 W | WW/NW/CW | NPWLSQP18W WW/NW/CW |

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