

## LED MR16 5.3 lamp

WLT



### WLT LED MR 16 5.3 Lamp

#### 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

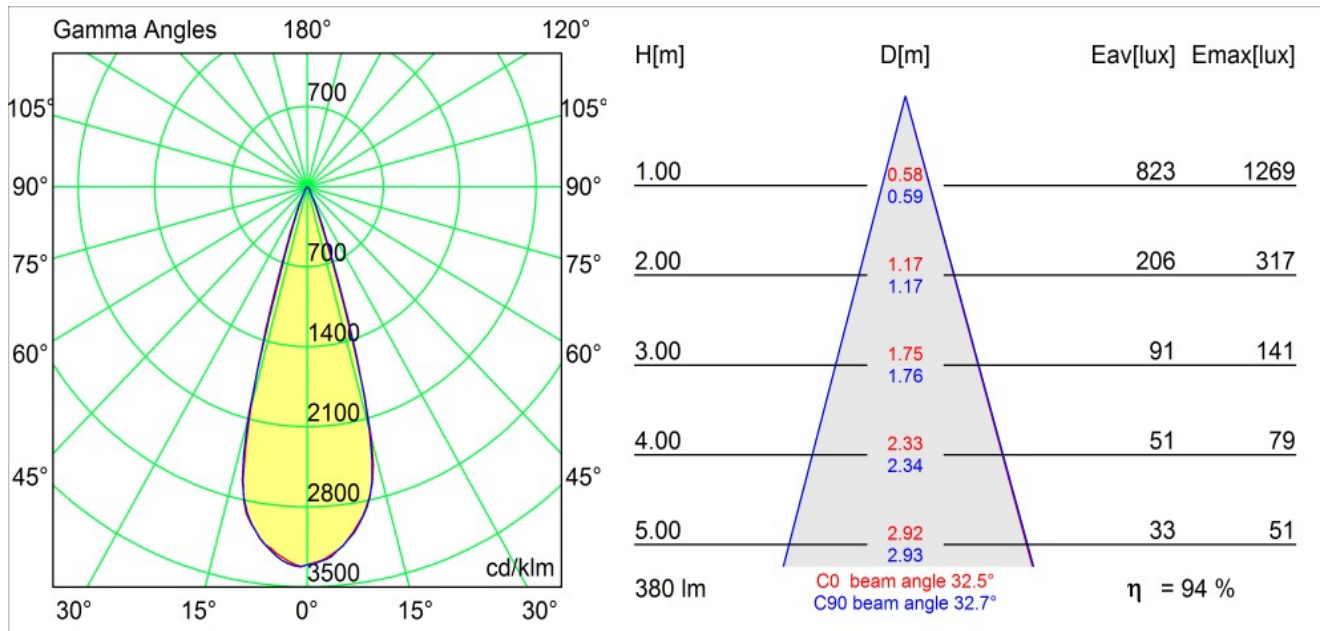
- Commercial Offices
- Restaurants
- Hotels

#### WLT CORP

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Technical Data Sheet of MR 16 GU 5.3 LAMP		
S.No	Technical Parameters	Specified values
<b>Electrical Parameters</b>		
1	Input Voltage range	120 V-270 V AC
2	Rated Wattage	6W/8W
3	Power factor	≥ 0.95
4	Total harmonic Distortion (THD)	≤ 10%
5	Driver Efficiency	≥ 92%
6	LED Driving Current	50mA
7	Control Circuit	CCCV Compatible to LED
<b>Optical Parameters</b>		
1	LED Make	OSRAM/NICHIA/CREE/everlight
2	LED Efficacy	≥ 130 Lumen/watt
3	Color Temperature (CCT)	3000 K to 6500K
4	Color rendering Index (CRI)	≥75
5	Total Lumen Output	540 Lumen/720lumen
6	Optical Efficiency	≥90%
7	Beam Angle	>25°/33°
8	Uniformity	>0.33 as per IS 1944
9	LED Life	≥50,000 hours
<b>Mechanical Parameters</b>		
1	Casing	AL+ABS
2	Cover	Acrylic lens
3	Fixing spares	PIN TYPE
4	Diffuser Efficiency	≥95%
5	Lens Make	Carclo/Khatod
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
<b>Functional Parameters</b>		
1	Ingress Protection	Entire housing & Driver is IP 65
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
<b>Conformance/ Compliance</b>		
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 Pic:



Product name	Wattage	Color Temperature	Product Code
LED MR16 5.3	6w	WW/NW/CW	NPWLMR165.3 6w WW/NW/CW
LED MR16 5.3	8w	WW/NW/CW	NPWLMR165.3 8w WW/NW/CW

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