

GX53 LED Ø100mm

TÜV- CB CERTIFIED LED MODULES

SILICONE PROTECTION

DRIVER



INDOOR & OUTDOOR USE

-30 +80 °C

90% HUMIDITY

VOLTAGE SURGE
RESISTANT



LENS

- Frosted color lens reducing dazzle.
- Made of UV stabilized resin material to avoid yellowing process.



PCB AND CONNECTION RING

- Special connection ring to avoid PCB deformation under high temperatures and to keep the PCB adhering to the heatsink.
- Special thermoconductive paste for gluing firmly the PCB to the heatsink and for helping the heat dissipation.



GOLD WIRE BONDING

- LED chips connected by pure **gold wires** able to withstand at the highest and lowest temperatures and granting a **lumens maintenance factor > 80%**.
- SMD 3528 LED.



HEATSINK

- Made by white painted aluminum.
- Special design to grant a correct heat dissipation.

GX53 LAMP HOLDER

- Quick and easy lamp replacement and version upgrade.
- Made of PBT material resisting up to 180° and 250V.
- VDE certified.



DRIVER 100-240V

- IC isolated driver technology.
- Wide voltage range: **100-240V** +/- 10% tolerance to protect the driver both from voltage droop and voltage overshoot.
- **Double 400V capacitors** and multiple resistances to withstand power surges.



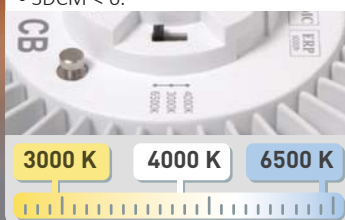
THERMOCONDUCTIVE SILICONE PASTE


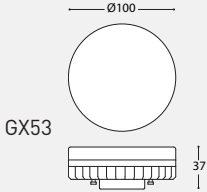
- To protect the driver against moisture and humidity up to **90%**, granting a longer product lifetime
- To help heat dissipation thanks to the metal powder inside the paste, granting **-30°+80°C** working temperature.
- To avoid the vibration and the unsoldering of the electronic components of the driver.



CCT SETTABLE

- Switch settable in three different positions, to select the desired Kelvin temperature (3000K, 4000K, 6500K) and get a customized ambience.
- SDCM < 6.



GX53 Ø100 - CCT SETTABLE			
 <p>10 W 1200 lm</p> <p>100-240 V 48 mA 50/60 Hz PF > 0,8 CRI > 80 0 sec Warm up time 120° beam angle 25.000 h 30.000 3000 K 4000 K 6500 K SDCM < 6</p> <p>CCT SETTABLE</p> <p>3000 K 4000 K 6500 K SDCM < 6</p> <p>SILICONE PROTECTION DRIVER</p> <p>INDOOR & OUTDOOR USE</p> <p>-30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT</p> <p>TUV SUD CE CB</p> <p>LVD EMC ERP 6000h</p> <p>IECEE CB SCHEME</p> <p>IECEE CB CERTIFICATE: SG PSB-LE-01709</p>	POWER	7 W	10 W
	LUMINOUS FLUX	800 lm	1200 lm
	SIZE & SOCKET	 <p>GX53</p>	
	EFFICIENCY	114 Lm/W	120 Lm/W
	VOLTAGE	100-240 V	100-240 V
	FREQUENCY	50/60 Hz	50/60 Hz
	CURRENT	34 mA	48 mA
	POWER FACTOR	0,8	0,8
	COLOR RENDERING INDEX RA	> 80	> 80
	SDCM	< 6	< 6
	BEAM ANGLE	120°	120°
	WARM UP TIME	0 s	0 s
	SWITCHING CYCLE	> 30.000	> 30.000
	LIFETIME	25.000 h	25.000 h
	KELVIN SETTABLE	3000 K / 4000 K / 6500 K	3000 K / 4000 K / 6500 K
	REF. CODE	H2.LED.G53.CCT	H3.LED.G53.CCT
	COMPARISON	<p>7W = 75W 800 Lm incandescent SAVE 90%</p>	<p>10W = 100W 1200 Lm incandescent SAVE 90%</p>