

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.



CCT SETTABLE

- Switch settable in three different positions, to select the desired Kelvin temperature (3000K, 4000K, 6500K) and get a customized ambiance.
- 3000K, 4000K and 6500K led chips on 3 separate circuits to grant SDCM < 6.



DRIVER 100-240V

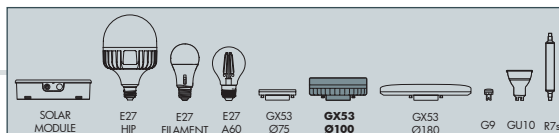
- IC isolated driver technology.
- Wide voltage range: **100-240V** +/- 10% tolerance to protect the driver both from voltage droop and voltage overshoot.
- **Double 400V capacitors** and multiple resistances to withstand power surges.



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.


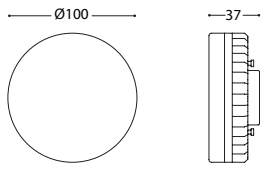




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GX53 LED Ø100mm - CCT SETTABLE

		POWER	10W	
		LUMINOUS FLUX (Φ TOTAL)	3000 K	1190 lm
			4000 K	1290 lm
			6500 K	1210 lm
SIZE & SOCKET		 <p>GX53</p>		
<div> <p>CCT SETTABLE</p> <p>SDCM <6</p> <p>3000 K 4000 K 6500 K</p> </div> <div> <p>SILICONE PROTECTION</p> <p>DRIVER</p> <p>INDOOR & OUTDOOR USE</p> <p>-30 +80 °C 90% HUMIDITY</p> <p>VOLTAGE SURGE RESISTANT</p> </div> <div> <p>ENERGY</p> <p>FUMAGALLI SRL</p> <p>H3. LED G53 CCT (V2)</p> <p>A B C D E F G</p> <p>E</p> <p>10 kWh/1000h</p> <p>COMPLY WITH:</p> <p>EU 2019/2015</p> <p>EU 2019/2020</p> </div> <div> <p>TÜV</p> <p>900</p> <p>CE LVD</p> <p>EMC</p> <p>CB ERP</p> <p>IECEE</p> <p>CB CERTIFICATE:</p> <p>SG PSB-LE-03887</p> </div>		LUMINOUS FLUX (Φ USE 120°)	975 lm	
		VOLTAGE	100-240 V	
		FREQUENCY	50/60 Hz	
		DISPLACEMENT FACTOR	>0,5	
		PSTLM (NO FLICKER)	< 1	
		SVM	0,4	
		CRI	> 80	
		SDCM	<6	
		BEAM ANGLE	112°	
		SWITCHING CYCLE	> 30.000	
		WARM UP TIME	0s	
		LIFETIME	25.000 h	
		EFFICIENCY CLASS	E	
		REF. CODE	H3.LED.G53.CCT	