

## R7s LED

TÜV CERTIFIED LED MODULES



**INDOOR &  
OUTDOOR USE**

-30 +80 °C

90%  
HUMIDITY

**VOLTAGE SURGE  
RESISTANT**



### HEATSINK

- Made by an aluminum tube on which the PCB is glued to.
- Special design to grant a correct heat dissipation



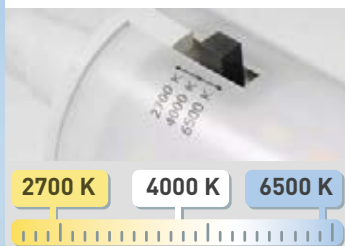
### DRIVER 100-240V

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



### CCT SETTABLE

- Switch settable in three different positions, to select the desired Kelvin temperature (2700K, 4000K, 6500K) and get a customized ambience.
- 2700K, 4000K and 6500K led chips on 3 separate circuits to grant SDCM < 6.



### LENS

- Opal lens made of UV stabilized resin material to avoid yellowing process.
- Designed for granting 360° light distribution and for improving light efficiency.

### 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 3014 LED.



### THERMOCONDUCTIVE SILICONE PASTE (7,5W-10,5W)

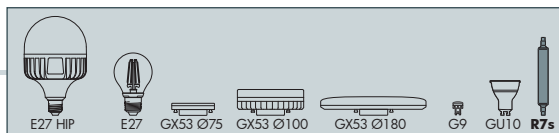
- To protect the driver against moisture and humidity up to **90%**, granting a longer product lifetime.
- To help heat dissipation thanks to the metal powder inside the paste, granting **-30°+80°C** working temperature.
- To avoid the vibration and the unsoldering of the electronic components of the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



### R7s LAMPHOLDER

- Quick and easy lamp replacement and version upgrade.
- Made of steatite material to resist up to 250°.
- VDE certified.





**SILICONE PROTECTION**

DRIVER

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VOLTAGE SURGE RESISTANT

Ø22mm

**R7s LED 78mm - CCT SETTABLE**

|                          |                          |
|--------------------------|--------------------------|
| POWER                    | <b>7,5 W</b>             |
| LUMINOUS FLUX            | <b>850 lm</b>            |
| SIZE & SOCKET            |                          |
| EFFICIENCY               | 113 Lm/W                 |
| VOLTAGE                  | 100-240 V                |
| FREQUENCY                | 50/60 Hz                 |
| CURRENT                  | 168 mA                   |
| POWER FACTOR             | > 0,5                    |
| COLOR RENDERING INDEX RA | > 80                     |
| SDCM                     | < 6                      |
| BEAM ANGLE               | 360°                     |
| WARM UP TIME             | ≤ 0,5"                   |
| SWITCHING CYCLE          | 45.000                   |
| LIFETIME                 | 25.000 h                 |
| KELVIN SETTABLE          | 2700 K / 4000 K / 6500 K |
| REF. CODE                | H8.LED.R7S.CCT           |

**CCT SETTABLE**

SDCM < 6    2700 K    4000 K    6500 K

**TÜV 900**    **CE**

LVD    EMC    ERP 6000h