

## Data required for directional LED bulb:

Bulb material: Glass fiber

LED source: Genesis SMD5050

Number of LED: 6leds

Nominal-voltage (V): 10-30V DC

Nominal-power-consumption (W): 1.3 (+/-10%)

Rated power consumption (W) : 1.3 (+/- 10%)

Nominal-current-consumption (mA): 100

Nominal-frequency (Hz) or DC: DC

Nominal-luminous flux (lm): 78.3±10%

Rated useful luminous flux (lm): 78.3±10%

Nominal-lifetime (h): 35000

Rated-lifetime (h): 35000

Nominal beam angle (°): 120

Rated beam angle (°): 120

Rated peak intensity (cd): 590

Colour temperature (K): 3000

Colour rendering (Ra): 80

Colour consistency (cx, cy): X=0.4303 Y=0.3881

Lamp power factor: >=0.9

Lumen maintenance factor at the end of the nominal life: 50%

Socket: G4

Starting time (s) : <0.1

Weighted energy consumption (Ec) in kWh / 1000 h: 1.2 kWh / 1000 h

Lamp warm-up time to 60 % of full light output (s): <0.1

Number of switching cycles before premature lamp failure: >30000

Intended for use in outdoor application (Y / N): N

Intended for use in industrial application (Y / N): Y

Suitable for accent lighting (Y / N) : Y

Dim / no dim: No dim

Energy efficiency class according 874/2012/EC: A

Indication to type lamp: directional light

Power-consumption equivalence incandescent lamp: 10W

Ambient temperature (Ta in °C): -20 - +40 degree

Bulb dimensions (Ø x length in mm): 23\*23\*13

Bulb weight (g): 2.6

W/ UV protection : Yes