

# LED R111

## 50W & 75W equivalent



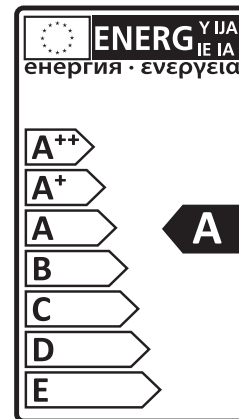
DATA SHEET

### Product information

This range presents a great opportunity for substantial energy savings with replacements for 50W and 75W halogen consuming only 7W and 12W power. Further, relevant reduction of maintenance costs are possible with long lifetime.

### Features & benefits

- "A" Energy Class
- 450-800 total lumens
- 30,000 Life hours at L70
- Available in 2700 and 3000K
- Non-dimmable
- Retrofit



### Application areas



Retail



Hospitality

### Compliance

- EN 55015: Limits and methods of measurement of radio disturbance characteristics of electrical lighting
- EN 61547: Equipment for general lighting purposed EMC immunity requirements
- EN 61000-3-3: Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current  $\leq 16A$ )
- EN 61000-3-2: Limits — Limits for harmonic current emissions (equipment input current  $\leq 16 A$  per phase)
- IEC 62471: Photo biological safety of lamps and lamp systems
- IEC 60061: Lamp Caps and holders together with gauges for the control of interchangeability and safety



## Specification summary

Type	Rated Power [W]	Base	CCT [K]	DIM2 Lumen [lm]	Total Lumens [lm]	Rated Angle	CBCP	Life L70 [hrs]	EEC	Energy Consumption [kwh/1000h]	Pack Qty	Code
R111	7	G53	2700	420	450	20	2500	30,000	A	7.00	1/10	60462
R111	7	G53	2700	420	450	35	1100	30,000	A	7.00	1/10	11518
R111	7	G53	3000	430	470	20	2600	30,000	A	7.00	1/10	60465
R111	7	G53	3000	430	470	35	1200	30,000	A	7.00	1/10	11529
R111	12	G53	2700	700	750	20	3100	30,000	A	12.00	1/10	60600
R111	12	G53	2700	700	750	35	1400	30,000	A	12.00	1/10	11540
R111	12	G53	3000	730	800	20	3200	30,000	A	12.00	1/10	60601
R111	12	G53	3000	730	800	35	1500	30,000	A	12.00	1/10	11543

## Common attributes

- Colour Rendering Index: >80
- Input Voltage: 12V
- Warm up time: instant on
- Switching cycles: 50,000
- Power factor: 0,7

## Recommended operation temperature

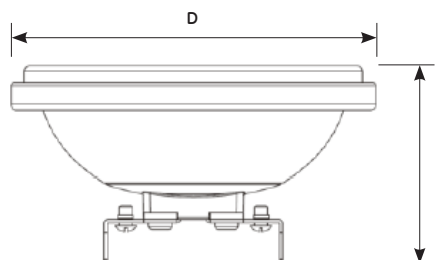
Ambient temperature range -20°C to 40°C.



Wattage	Ths Max
7	88.5°C
12	90°C

## Dimensions

Reference	Min. [mm]	Max. [mm]
D	110.4	111
L	-	67



## Operation and maintenance

- Store and use the lamps the same way as traditional halogen lamps.
- Lamp and lamp holder should be kept free from contamination.
- Do not use if the bulb is broken.
- Ensure lamp is Cool before removing.
- LED R111 50W and 75W replacements are non-dimmable lamps.