

LED R111

50W & 75W equivalent



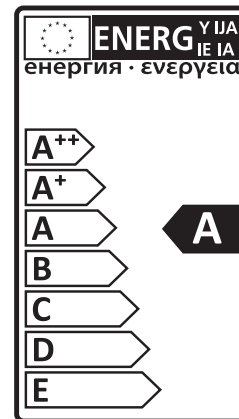
DATA SHEET

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 $k 16 A$ 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

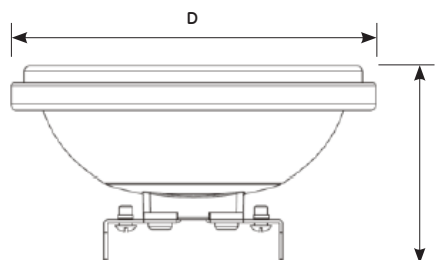
Ambient temperature range -20°C to 40°C.



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.