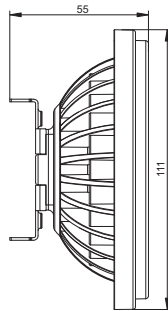


Low-voltage LED Lamps

Suitable for 12 V AC magnetic transformers and
12 V DC electronic drivers
Not suitable for 12 V AC electronic converters

AR111, 12 W

Operating temperature: -20 to 40 °C
Storage temperature: -40 to 60 °C
Input voltage: 12 V AC/DC
Not dimmable
Base: G53



Type	Ref. No.	Colour	Colour temperature K	CRI R _a	Luminous flux lm	Light intensity cd	Radiation angle °	Power W
AR111-12-2700-38-II	566031	warm white	2700	≥ 80	450	3000	38	12
AR111-12-3000-38-II	566032	warm white	3000	≥ 80	500	3350	38	12
AR111-12-4000-38-II	566033	neutral white	4000	≥ 75	550	3800	38	12
AR111-12-6000-38-II	566034	cool white	6000	≥ 70	680	4800	38	12
AR111-12-2700-60-II	566035	warm white	2700	≥ 80	450	900	60	12
AR111-12-3000-60-II	566036	warm white	3000	≥ 80	500	1000	60	12
AR111-12-4000-60-II	566037	neutral white	4000	≥ 75	550	1100	60	12
AR111-12-6000-60-II	566038	cool white	6000	≥ 70	680	1360	60	12

Typical luminance of MR16 and AR111 at 1, 2 and 3 meters

Colour temperature K	MR16, 4W			MR16, 6 W			MR16, 6 W			AR111, 12 W			AR111, 12 W		
	38°			58°			70°			38°			60°		
	1 m	2 m	3 m	1 m	2 m	3 m	1 m	2 m	3 m	1 m	2 m	3 m	1 m	2 m	3 m
Warm White 2700 K	1300	325	145	1050	263	117	750	188	84	3000	750	335	900	225	100
Warm White 3000 K	1500	375	167	1100	275	122	800	200	88	3350	837	372	1000	250	111
Neutral White 4000 K	1700	425	189	1150	287	127	850	212	95	3800	950	422	1100	275	122
Cool White 6000 K	1900	475	211	1200	300	133	900	225	100	4800	1200	533	1360	340	151

Typical light distribution curves

