

LED AR111

7403210



Create an inviting atmosphere for retail and hospitality with new perfect-fit

With an elegant new design, Philips MasterClass LED AR111 creates a brilliant visual effect. With excellent rendering of 90+ CRI and $R9 > 50$, colors stay vibrant and natural, enhancing the appeal of everything on display.

Benefits

- High intensity of beam for accent lighting with strong lumen maintenance
- More vivid, vibrant colors over time for merchandise display with no harmful UV
- Innovative design with hassle free retrofit solution

Applications

- Retail shops and showrooms
- Hospitality
- Galleries

Features

- Superior design with Red Dot award of "innovative product design"
- High intensity of beam equivalent to halogen AR111 50W, 75W, 100W
- Better color realization with high CRI value, while colors remain vibrant and natural
- High lumen and color maintenance with long lifetime of 25,000 hours to 40,000 hours
- Retrofittable with G53 luminaires, Title 20 & Title 24 JA8 compliant

Versions

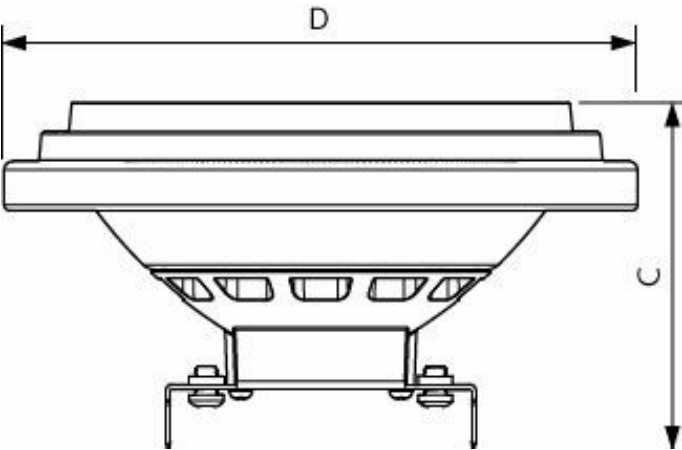


LEDclassic 5-50W MR16 830 60D



LEDclassic 5-50W MR16 830 60D

Dimensional drawing



Product	D	C
12AR111/LED/927/S8/DIM/EC 12V 6/1FB	111 mm	62 mm
12AR111/LED/930/S8/DIM/EC 12V 6/1FB	111 mm	62 mm
20AR111/LED/930/F25 DIM 12V 6/1FB	111 mm	62 mm

General Information

Cap-Base	G53
Switching Cycle	50,000

Light Technical

LLMF At End Of Nominal Lifetime (Nom)	70 %
---------------------------------------	------

Operating and Electrical

Line Frequency	- Hz
Input Frequency	- Hz
Starting Time (Nom)	0.5 s

Controls and Dimming

Dimmable	Yes
----------	-----

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	AR111

Approval and Application

Ambient temperature range -20 to +45 °C

General Information

Order Code	Full Product Name	Nominal lifetime
929002238404	12AR111/LED/927/S8/DIM/EC 12V 6/1FB	40,000 hour(s)
929002238504	12AR111/LED/930/S8/DIM/EC 12V 6/1FB	40,000 hour(s)
929002239904	20AR111/LED/930/F25 DIM 12V 6/1FB	25,000 hour(s)

Light Technical

Order Code	Full Product Name	Color Code	Beam Angle (Nom)	Luminous Flux	Luminous Intensity (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)
929002238404	12AR111/LED/927/S8/DIM/EC 12V 6/1FB	927	8 degree(s)	650 lm	8,000 cd	2700 K	97
929002238504	12AR111/LED/930/S8/DIM/EC 12V 6/1FB	930	8 degree(s)	680 lm	8,000 cd	3000 K	97
929002239904	20AR111/LED/930/F25 DIM 12V 6/1FB	930	25 degree(s)	1,200 lm	4,000 cd	3000 K	91

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929002238404	12AR111/LED/927/S8/DIM/EC 12V 6/1FB	12 W	50 W
929002238504	12AR111/LED/930/S8/DIM/EC 12V 6/1FB	12 W	50 W
929002239904	20AR111/LED/930/F25 DIM 12V 6/1FB	20 W	100 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002238404	12AR111/LED/927/S8/DIM/EC 12V 6/1FB	70 °C
929002238504	12AR111/LED/930/S8/DIM/EC 12V 6/1FB	70 °C
929002239904	20AR111/LED/930/F25 DIM 12V 6/1FB	80 °C