



LED AR111

20AR111/LED/830/F25 DIM 12V FB 1PK 6/1

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

Product data

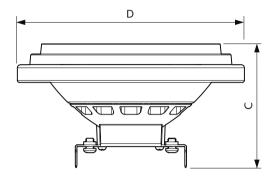
General Information	
Cap-Base	G53 [G53]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	1,280 lm
Luminous Intensity (Nom)	5,800 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	64 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	20 W
Lamp Current (Nom)	2,400 mA

Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	80 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	AR111
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	20AR111/LED/830/F25 DIM 12V FB 1PK 6/1
Full product name	20AR111/LED/830/F25 DIM 12V FB 1PK 6/1
Order code	929001170904
Material Nr. (12NC)	929001170904

Datasheet, 2023, November 12 data subject to change

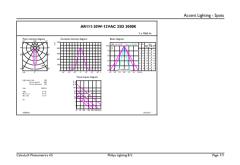
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677458577
Numerator - Packs per outer box	6

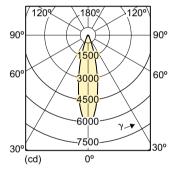
Dimensional drawing



Product	D	С
20AR111/LED/830/F25 DIM 12V FB 1PK 6/1	111 mm	62 mm

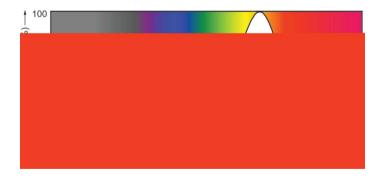
Photometric data





General uniform lighting - 20AR111/LED/830/F25 DIM 12V FB 1PK 6/1

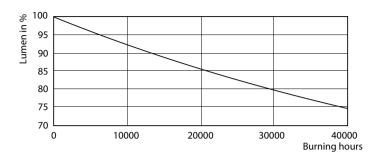
Light Distribution Diagram - 20AR111/LED/830/F25 DIM 12V FB 1PK 6/1



Spectral Power Distribution Colour - 20AR111/LED/830/F25 DIM 12V FB 1PK 6/1

LED AR111

Lifetime



Life Expectancy Diagram - 20AR111/LED/830/F25 DIM 12V FB 1PK 6/1

Lumen Maintenance Diagram - 20AR111/LED/830/F25 DIM 12V FB 1PK 6/1



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.