



LED AR111

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

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.

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

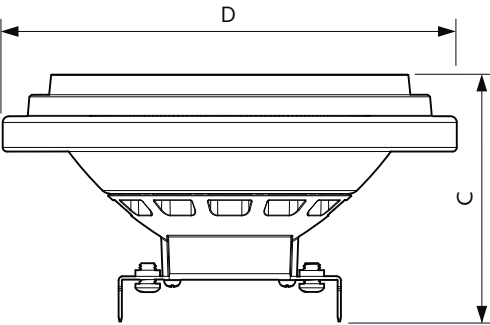
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	176 °F
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	AR111
Approval and Application	
Suitable For Accent Lighting	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 6/1
Order code	458570
Material Nr. (12NC)	929001170904

LED AR111

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

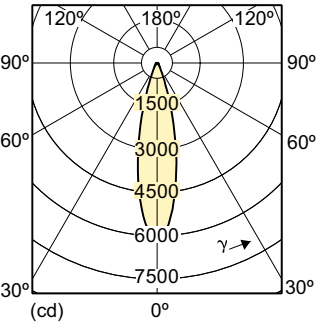
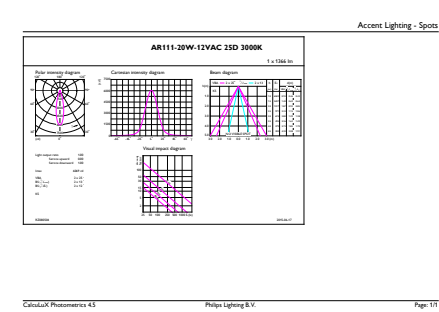
EAN/UPC - Case	50046677458572
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Dimensional drawing

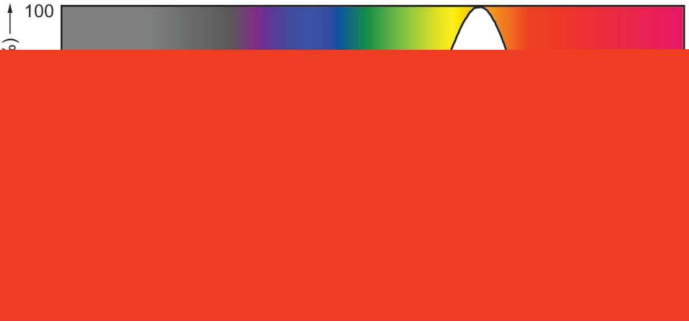


Product	D	C
20AR111/LED/830/F25 DIM 12V FB 1PK 6/1	4-3/8 inch	2-1/2 inch

Photometric data



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

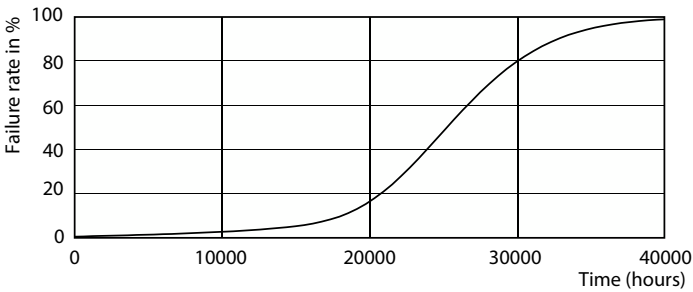


Spectral Power Distribution Colour - 20AR111/LED/830/F25 DIM 12V FB 1PK 6/1

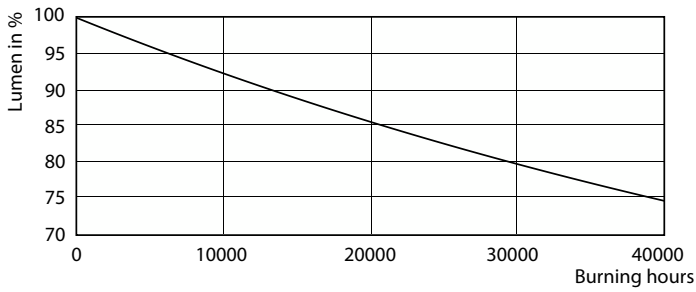
Light Distribution Diagram - 20AR111/LED/830/F25 DIM 12V FB 1PK 6/1

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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

