



LED AR111

16AR111/LED/930/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<gt/>50, colors stay vibrant and natural, enhancing the appeal of everything on display.

Product data

General Information	
Cap-Base	G53 [G53]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	780 lm
Luminous Intensity (Nom)	4,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	52.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	780 lm

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	15 W

Lamp Current (Nom)	1,800 mA
Wattage Equivalent	75 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)	74 °C

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

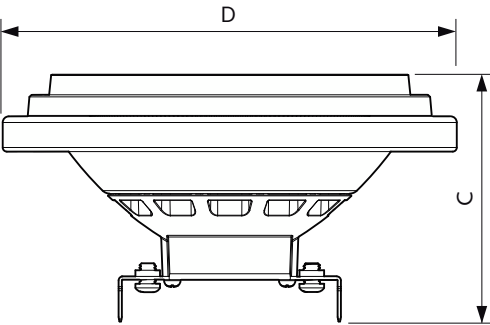
Product Data	
Order product name	16AR111/LED/930/F25 DIM 12V FB 1PK 6/1
Full product name	16AR111/LED/930/F25 DIM 12V 6/1
Order code	458554

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Material Nr. (12NC)	929001170304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677458553
Numerator - Packs per outer box	6

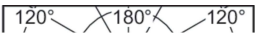
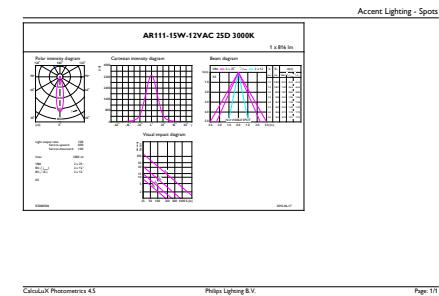
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Dimensional drawing

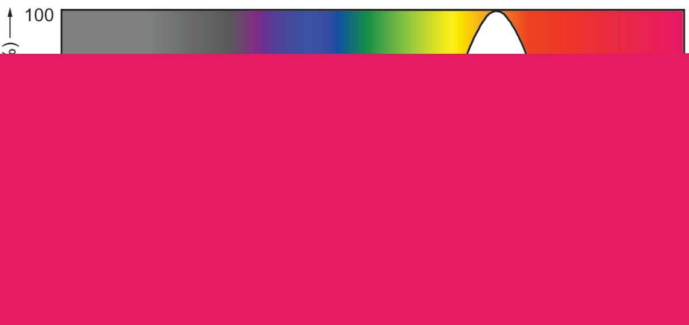


Product	D	C
16AR111/LED/930/F25 DIM 12V FB 1PK 6/1	111 mm	62 mm

Photometric data



Accent Lighting Spots - 16AR111/LED/930/F25 DIM 12V FB 1PK 6/1

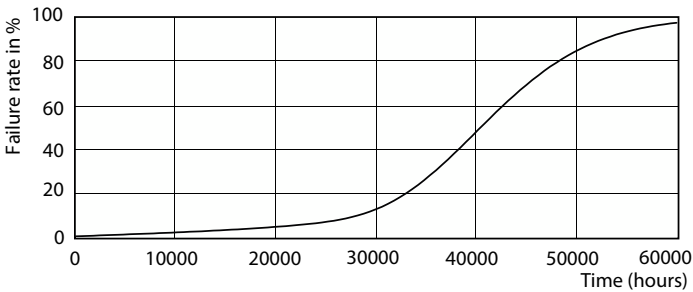


Light Distribution Diagram - 16AR111/LED/930/F25 DIM 12V FB 1PK 6/1

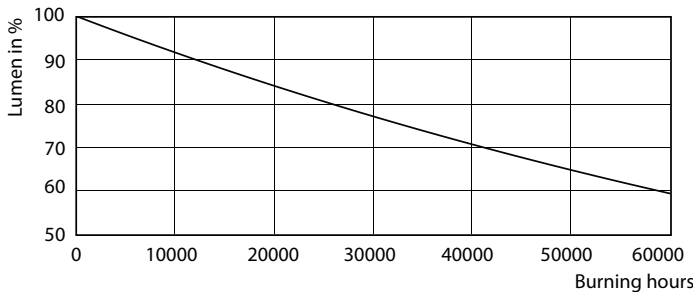
Spectral Power Distribution Colour - 16AR111/LED/930/F25 DIM 12V FB 1PK 6/1

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Lifetime



Life Expectancy Diagram - 16AR111/LED/930/F25 DIM 12V FB 1PK 6/1



Lumen Maintenance Diagram - 16AR111/LED/930/F25 DIM 12V FB 1PK 6/1

