



# LED MR16

## 7MR16 ExpertColor Retail F35 930 10/1

Philips LED MR-16 lamps with single optic technology provide the look and color quality of traditional halogens while using a fraction of the energy. A perfect fit for spot lighting, they are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots.

### Product data

General Information		Power Consumption	
Cap-Base	GU5.3 [GU5.3]	Lamp Current (Nom)	800 mA
Nominal lifetime	40,000 hour(s)	Wattage Equivalent	42 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.7
Light Technical		Voltage (Nom)	12 V
Color Code	930 [CCT of 3000K]	Temperature	
Beam Angle (Nom)	35 degree(s)	T-Case Maximum (Nom)	90 °C
Luminous Flux	430 lm	Controls and Dimming	
Luminous Intensity (Nom)	1,300 cd	Dimmable	No
Color Designation	White (WH)	Mechanical and Housing	
Correlated Color Temperature (Nom)	3000 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	61.43 lm/W	Bulb Material	Aluminum
Color Consistency	<3	Bulb Shape	MR16 [2inch/50mm]
Color rendering index (CRI)	90	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Suitable For Accent Lighting	Yes
Operating and Electrical			
Line Frequency	- Hz		
Input Frequency	- Hz		

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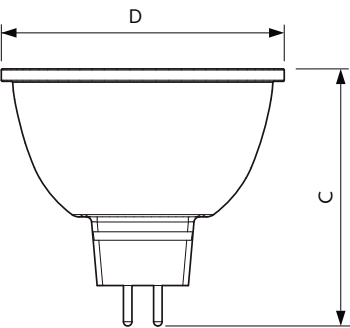
Energy Consumption kWh/1000 h	- kWh
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Product Data

Order product name	7MR16 ExpertColor Retail F35 930 10/1
Full product name	7MR16 ExpertColor Retail F35 930 10/1
Order code	470245
Material Nr. (12NC)	929001342804

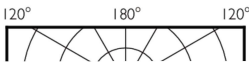
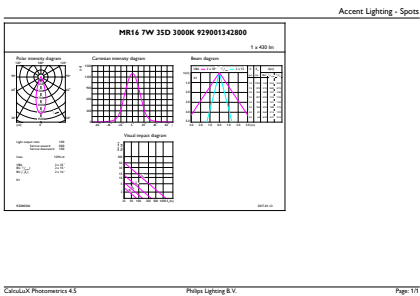
Numerator - Quantity Per Pack	1
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Numerator - Packs per outer box	10
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Dimensional drawing



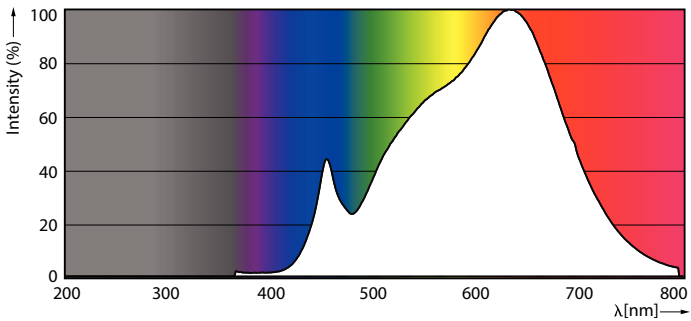
Product	D	C
7MR16 ExpertColor Retail F35 930 10/1	51 mm	46 mm

Photometric data



Accent Lighting Spots - 7MR16 ExpertColor Retail F35 930 10/1

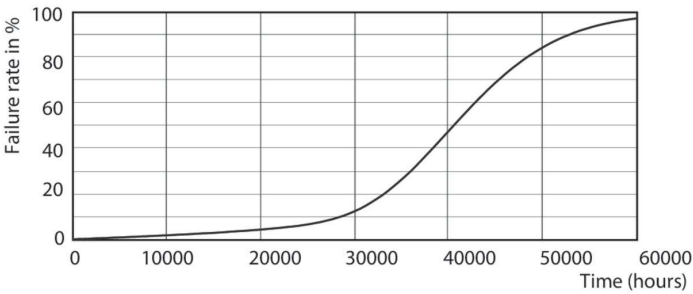
Light Distribution Diagram - 7MR16 ExpertColor Retail F35 930 10/1



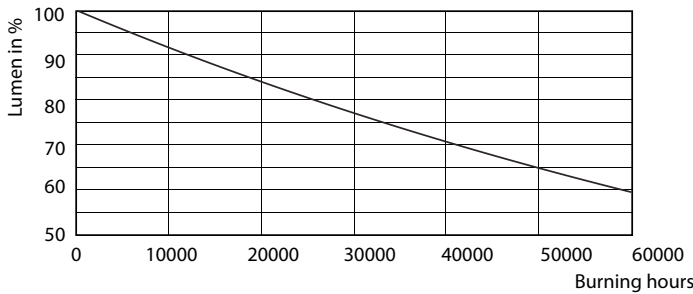
Spectral Power Distribution Colour - 7MR16 ExpertColor Retail F35 930 10/1

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Lifetime



Life Expectancy Diagram - 7MR16 ExpertColor Retail F35 930 10/1



Lumen Maintenance Diagram - 7MR16 ExpertColor Retail F35 930 10/1

