



LED MR16

7MR16 ExpertColor F35 940 D 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

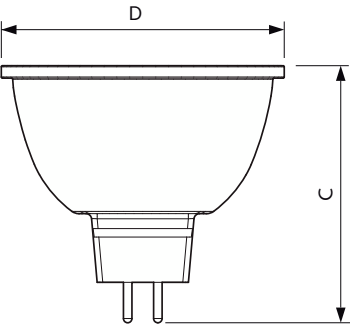
General Information		Wattage Equivalent	
Cap-Base	GU5.3 [GU5.3]	42 W	
Nominal lifetime	40,000 hour(s)	Starting Time (Nom)	
Switching Cycle	50,000	0.5 s	
Lighting Technology	LED	Warm-up time to 60% light	
EU RoHS compliant	Yes	0.5 s	
Light Technical		Power Factor (Fraction)	
Color Code	940 [CCT of 4000K]	0.7	
Beam Angle (Nom)	35 degree(s)	Voltage (Nom)	
Luminous Flux	460 lm	12 V	
Luminous Intensity (Nom)	1,400 cd	Temperature	
Color Designation	Cool White (CW)	T-Case Maximum (Nom)	
Correlated Color Temperature (Nom)	4000 K	92 °C	
Luminous Efficacy (rated) (Nom)	65.71 lm/W	Controls and Dimming	
Color Consistency	<3	Dimmable	
Color rendering index (CRI)	95	Yes	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Bulb Shape	
Power Consumption	7 W	MR16 [2inch/50mm]	
Lamp Current (Nom)	800 mA	Approval and Application	
		Suitable For Accent Lighting	
		Yes	
		Product Data	
		Order product name	
		7MR16 ExpertColor F35 940 D 10/1	
		Full product name	
		7MR16 ExpertColor F35 940 D 10/1	
		Order code	
		470211	

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Material Nr. (12NC)	929001342504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677470210
Numerator - Packs per outer box	10

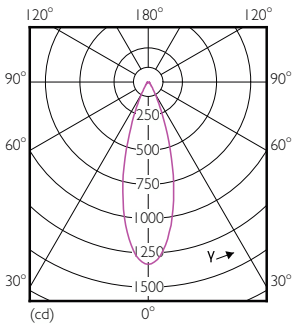
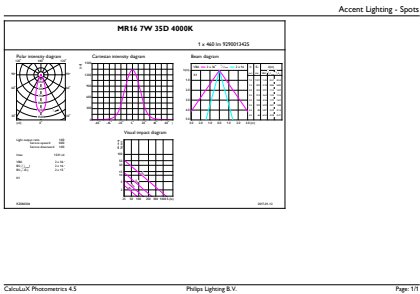
EAN/UPC - Case	50046677470215
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Dimensional drawing



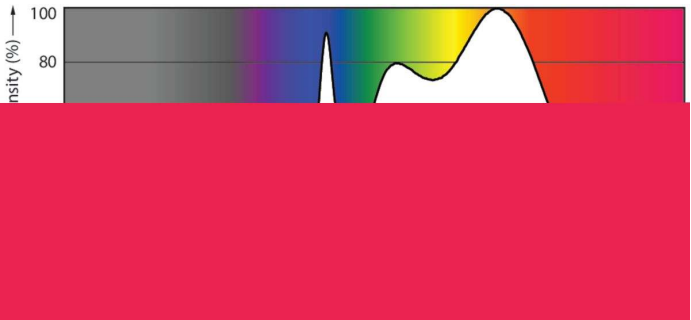
Product	D	C
7MR16 ExpertColor F35 940 D 10/1	51 mm	46 mm

Photometric data



Accent Lighting Spots - 7MR16 ExpertColor F35 940 D 10/1

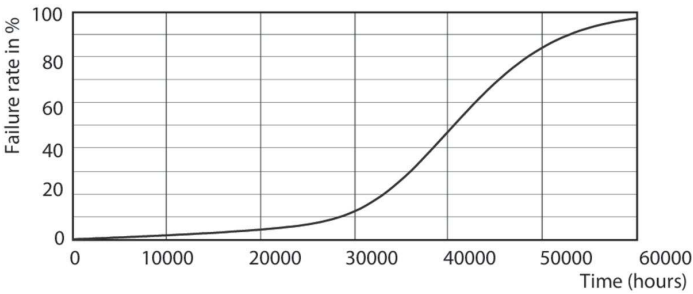
Light Distribution Diagram - 7MR16 ExpertColor F35 940 D 10/1



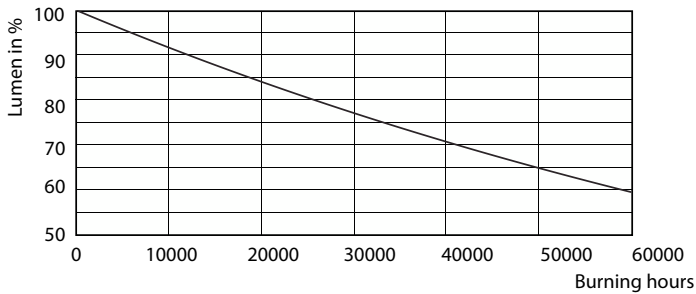
Spectral Power Distribution Colour - 7MR16 ExpertColor F35 940 D 10/1

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Lifetime



Life Expectancy Diagram - 7MR16 ExpertColor F35 940 D 10/1



Lumen Maintenance Diagram - 7MR16 ExpertColor F35 940 D 10/1

