



MASTERLine ES

MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F

MASTER dichroic coated low-voltage halogen reflector lamp with EcoBoost technology: the most energy-efficient dichroic lamp on the market

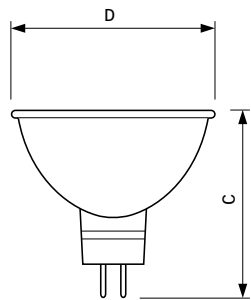
Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Philips Code	18144
Operating Position	UNIVERSAL [Any or Universal (U)]
ANSI Code Halogen	na [not applicable]
Nominal Lifetime (Nom)	5000 h
Switching Cycle	20000X
Light Technical	
Beam Angle (Nom)	36 °
Luminous Flux (Rated) (Nom)	830 lm
Luminous Intensity (Max)	2850 cd
Rated Beam Angle	36 °
Colour Temperature, horizontal (Nom)	3000 K
Colour Rendering Index horiz (Nom)	100
LLMF at End of Nominal Lifetime (Min)	80 %
Luminous Flux in 90° Cone (Rated)	830 lm
Operating and Electrical	
Power (Rated) (Nom)	45.0 W
Lamp Current (Nom)	3.75 A
Starting Time (Nom)	0.0 s
Warm Up Time to 60% Light (Nom)	instant full light
Power Factor (Nom)	1
Voltage (Nom)	12 V

Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy Efficiency Label	B
Energy Consumption kWh/1000 h	48 kWh
Luminaire Design Requirements	
Bulb Temperature (Max)	410 °C
Cap-Base Temperature (Max)	410 °C
Product Data	
Full product code	871150042444071
Order product name	MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F
EAN/UPC - Product	8711500424440
Order code	42444071
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	924896117101
Net Weight (Piece)	30.000 g
ILCOS Code	HRGS-45-12-GU5.3-50/36

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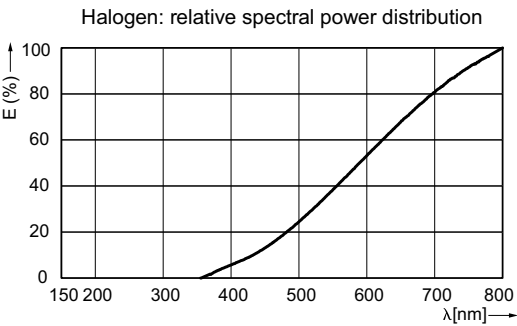
Dimensional drawing



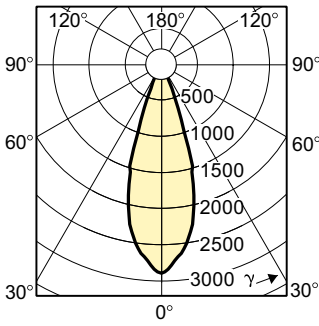
MLES 18144 45W GU5.3 12V MR16 36D

Product	D (max)	C1 (max)
MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F	51 mm	50.5 mm

Photometric data



Consumer Lamps, Halogen, Spectral power distribution



Halogen Reflector 45W GU5.3 12V 36D

