



MASTERLine ES

MASTERLine ES 45W GU5.3 12V 24D 1CT/4X5F

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

Product data

General Information	
Cap base	GU5.3 [GU5.3]
Philips code	18143
Operating position	UNIVERSAL [Any/Universal]
Nominal lifetime (nom.)	5000 h
Switching cycle	20000X
Light Technical	
Beam Angle (Nom)	24°
Luminous flux (rated) (nom.)	830 lm
Luminous intensity (max.)	5300 cd
Rated beam angle	24°
Correlated colour temperature (nom.)	3000 K
Color rendering index (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

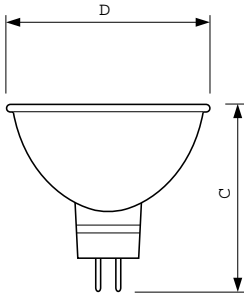
Controls and Dimming	
Dimmable	yes
Approval and Application	
Energy efficiency label (EEL)	B
Energy Consumption kWh/1000 h	48 kWh

Luminaire Design Requirements	
Bulb temperature (max.)	410 °C
Cap base temperature (max.)	410 °C

Product Data	
Full product code	871150042441971
Order product name	MASTERLine ES 45W GU5.3 12V 24D 1CT/4X5F
EAN/UPC – product	8711500424419
Order code	42441971
Local Code	18143
Numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12NC)	924896017101
Net weight (piece)	42.700 g
ILCOS Code	HRGS-45-12-GU5.3-50/24

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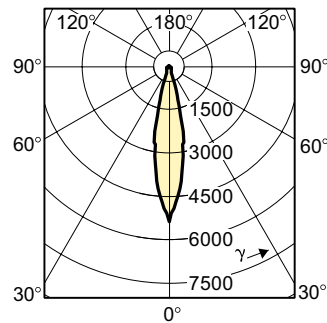
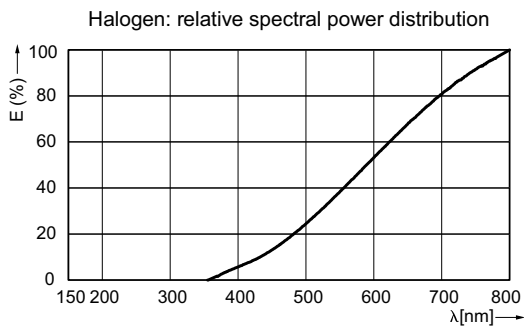
Dimensional drawing



Product	D (max)	C1 (max)
MASTERLine ES 45W GU5.3 12V 24D 1CT/4X5F	51 mm	50.5 mm

MLES 18143 45W GU5.3 12V MR16 24D

Photometric data



Consumer Lamps, Halogen, Spectral power distribution

