



Spot of crisp white light from modern-looking aluminum reflector

MASTERLine 111

Low-voltage halogen burner with very high energy efficiency and long lifetime thanks to IRR coating in decorative aluminum reflector equipped with ceramic anti-glare cap. Ideal solution for high-end modern luminaires, putting your objects in the spotlight. Aluminum coating prevents heat in the backlight.

Benefits

- Bright, sparkling halogen light to put your objects in the spotlight
- Fully dimmable, from 0 to 100%, to meet different brightness requirements
- Lowest replacement cost due to extra-long lifetime

Features

- Superior quality of light with excellent color rendering (Ra=100)
- Low-pressure technology with UV-block glass allows use in luminaires without front glass
- Unique infra-red coated burner technology
- Lifetime: 4000 hours
- Instant start

Application

- Spot accent lighting to create the right ambiance in hotels, restaurants and shops

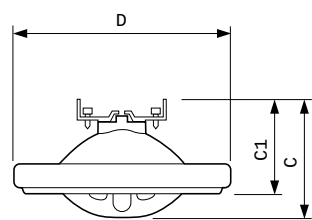
MASTERLine 111

Versions



G53, R111

Dimensional drawing



Product	D (max)	C (max)	C1 (max)
MASTERLine 111 45W G53 12V 45D 1CT/6	111 mm	67 mm	51 mm
MASTERLine 111 45W G53 12V 24D 1CT/6	111 mm	67 mm	51 mm
MASTERLine 111 30W G53 12V 24D 1CT/6	111 mm	67 mm	51 mm

MASTERLine 111

Approval and Application	
Energy Efficiency Label (EEL)	B
Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s
Warm Up Time To 60% Light (Nom)	instant full light
General Information	
Cap-Base	G53
Nominal Lifetime (Nom)	4000 h
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	4000 h
Switching Cycle	16000X
Luminaire Design Requirements	
Bulb Temperature (Max)	900 °C
Light Technical	
Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	100
Llmf At End Of Nominal Lifetime (Min)	80 %
Mechanical and Housing	
Bulb Shape	R111

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924058517161	MASTERLine 111 30W G53 12V 24D 1CT/6	32 kWh
924058717161	MASTERLine 111 45W G53 12V 24D 1CT/6	48 kWh
924058817161	MASTERLine 111 45W G53 12V 45D 1CT/6	48 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Wattage Equivalent	Power (Rated) (Nom)
924058517161	MASTERLine 111 30W G53 12V 24D 1CT/6	2.5 A	50 W	30.0 W
924058717161	MASTERLine 111 45W G53 12V 24D 1CT/6	3.8 A	75 W	45.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Wattage Equivalent	Power (Rated) (Nom)
924058817161	MASTERLine 111 45W G53 12V 45D 1CT/6	3.8 A	75 W	45.0 W

General Information

Order Code	Full Product Name	Philips Code
924058517161	MASTERLine 111 30W G53 12V 24D 1CT/6	14737
924058717161	MASTERLine 111 45W G53 12V 24D 1CT/6	14739

Order Code	Full Product Name	Philips Code
924058817161	MASTERLine 111 45W G53 12V 45D 1CT/6	14740

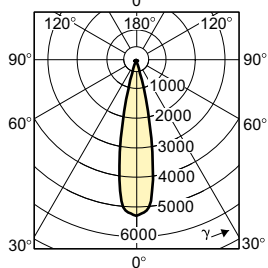
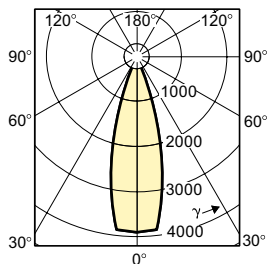
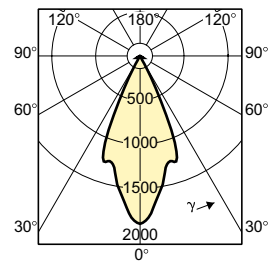
Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)	Rated Beam Angle
924058517161	MASTERLine 111 30W G53 12V 24D 1CT/6	24 °	390 lm	3600 cd	24 °

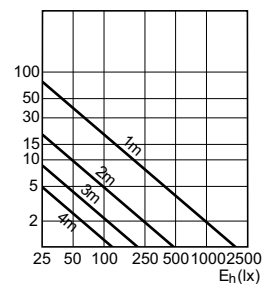
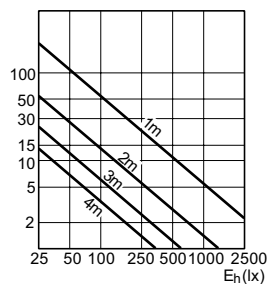
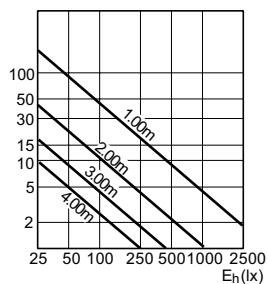
Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)	Rated Beam Angle
924058717161	MASTERLine 111 45W G53 12V 24D 1CT/6	24 °	640 lm	5300 cd	24 °

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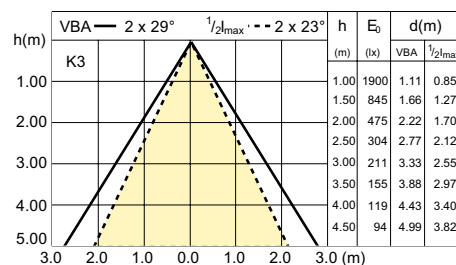
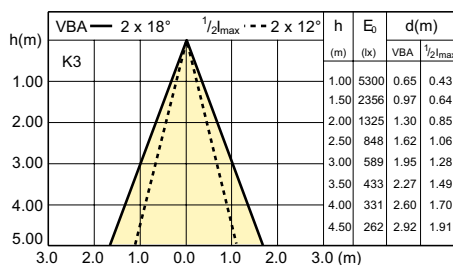
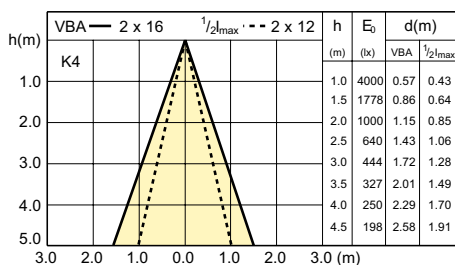
Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)	Rated Beam Angle
924058817161	MASTERLine 111 45W	45 °	640 lm	1800 cd	45 °
G53 12V 45D 1CT/6					



Accent Diagrams



Beam Diagrams



LDBE_HML111_30W_24D-Beam diagram

LDBE_HML111_45W_24D-Beam diagram

LDBE_HML111_45W_45D-Beam diagram

