



# MASTER LEDspot LV AR111 – Ideal solution for spot lighting in shops

## MASTER LED spot LV AR111

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV AR111 is an ideal retrofit solution for spot and general lighting applications in the hospitality and retail industry. It is particularly suitable for general lighting where the light is on all the time, such as creative accent lighting applications in shops, restaurants, hotels, and especially for galleries, exhibitions and museums. The robustly designed MASTER LEDspot LV AR111 offers various beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. MASTER LEDspot LV AR111 delivers huge energy savings and minimises maintenance cost without any reduction in brightness.

### Benefits

- Up to 80% energy saving compared with halogen lamps
- Broad compatibility with transformers
- Retrofittable

### Features

- Patented intelligent driver
- Lifetime of 45,000 hours
- Low energy consumption
- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

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## Application

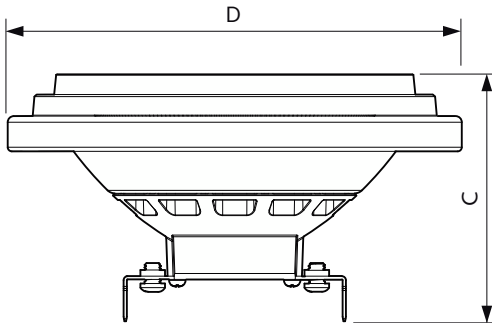
- Shops, hotels, restaurants, bars, cafés
- Galleries, museums, exhibitions, lobbies, corridors, stairwells, washrooms, reception areas

## Versions



LEDclassic 5-50W MR16 830 60D

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 15-75W 927 AR111 24D	111 mm	62 mm
MAS LED ExpertColor 15-75W 927 AR111 40D	111 mm	62 mm
MAS LED ExpertColor 15-75W 930 AR111 24D	111 mm	62 mm
MAS LED ExpertColor 15-75W 930 AR111 40D	111 mm	62 mm

# MASTER LED spot LV AR111

## General Information

Cap-Base	G53
Switching Cycle	50,000
Nominal lifetime	40,000 hour(s)

## Light Technical

Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %

## Operating and Electrical

Input Frequency	- Hz
Line Frequency	- Hz
Power Consumption	15 W
Starting Time (Nom)	0.5 s
Wattage Equivalent	75 W

## Temperature

T-Case Maximum (Nom)	74 °C
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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Bulb Shape	AR111
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## Approval and Application

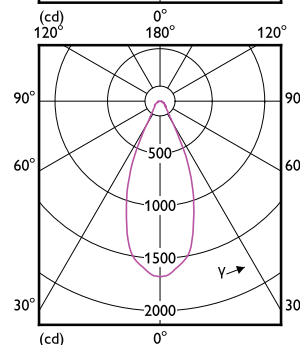
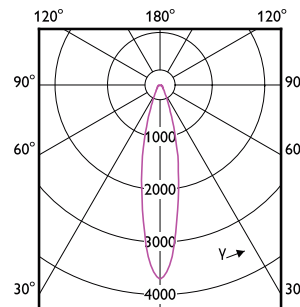
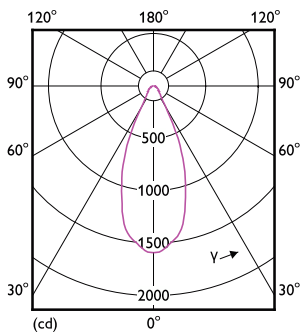
Ambient temperature range	-20 to +45 °C
Energy Consumption kWh/1000 h	17 kWh

## Light Technical (1/2)

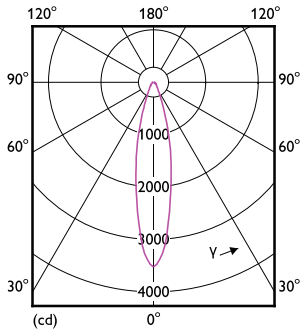
Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
929002239008	MAS LED ExpertColor 15-75W 927 AR111 24D	24 degree(s)	2700 K	927	950 lm
929002239108	MAS LED ExpertColor 15-75W 930 AR111 24D	24 degree(s)	3000 K	930	1,000 lm
929002239308	MAS LED ExpertColor 15-75W 927 AR111 40D	40 degree(s)	2700 K	927	950 lm
929002239408	MAS LED ExpertColor 15-75W 930 AR111 40D	40 degree(s)	3000 K	930	1,000 lm

## Light Technical (2/2)

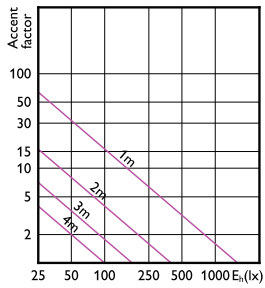
Order Code	Full Product Name	Luminous Intensity (Nom)
929002239008	MAS LED ExpertColor 15-75W 927 AR111 24D	3,500 cd
929002239108	MAS LED ExpertColor 15-75W 930 AR111 24D	3,500 cd
929002239308	MAS LED ExpertColor 15-75W 927 AR111 40D	1,400 cd
929002239408	MAS LED ExpertColor 15-75W 930 AR111 40D	1,400 cd



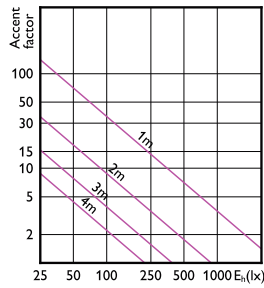
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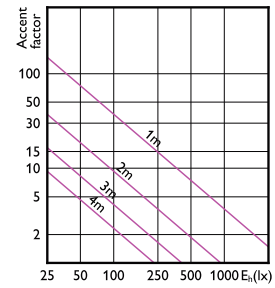
## Accent Diagrams



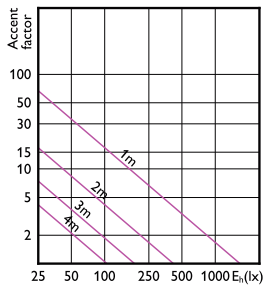
Accent Diagram - MAS LED ExpertColor 15-75W  
927 AR111 40D



Accent Diagram - MAS LED ExpertColor 15-75W  
927 AR111 24D



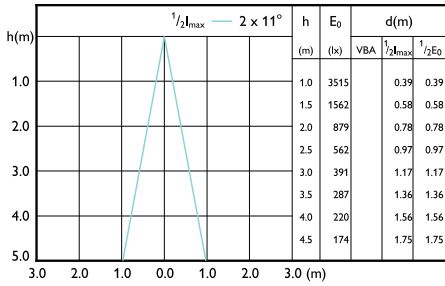
Accent Diagram - MAS LED ExpertColor 15-75W  
930 AR111 24D



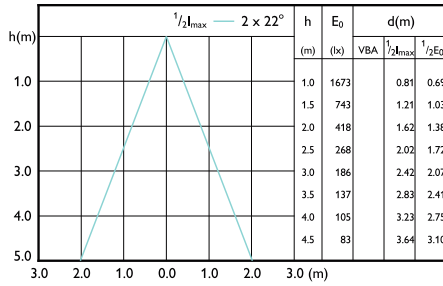
Accent Diagram - MAS LED ExpertColor 15-75W  
930 AR111 40D

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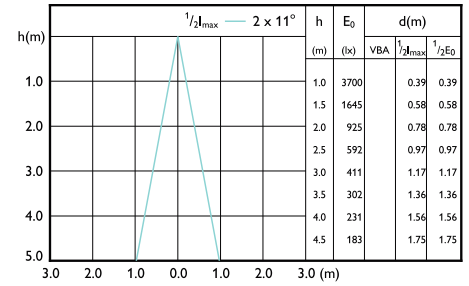
## Beam Diagrams



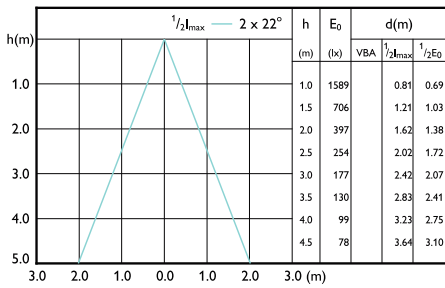
Beam diagram - MAS LED ExpertColor 15-75W 927 AR111 24D



Beam diagram - MAS LED ExpertColor 15-75W 930 AR111 40D



Beam diagram - MAS LED ExpertColor 15-75W 930 AR111 24D



Beam diagram - MAS LED ExpertColor 15-75W 927 AR111 40D

