



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

MASTER LEDspot 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 minimizes maintenance cost without any reduction in brightness.

Benefits

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

Features

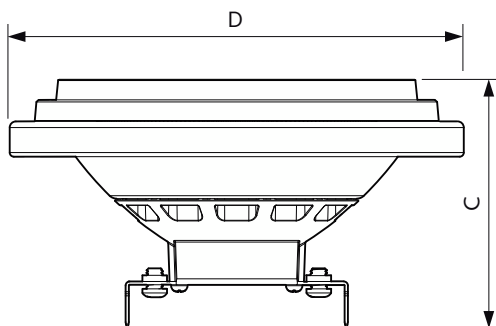
- Patented intelligent driver
- Lifetime of 45,000 hours
- Low energy consumption
- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

MASTER LEDspot LV AR111

Application

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

Dimensional drawing



Product	D	C
MAS LED ExpertColor 11-50W 927 AR111 40D	111 mm	62 mm
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

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
Starting Time (Nom)	0.5 s

Controls and Dimming

Dimmable	Yes
----------	-----

Mechanical and Housing

Bulb Shape	AR111
------------	-------

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
929002238808	MAS LED ExpertColor 11-50W 927 AR111 40D	40 degree(s)	2700 K	927	650 lm
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)
929002238808	MAS LED ExpertColor 11-50W 927 AR111 40D	1,300 cd
929002239008	MAS LED ExpertColor 15-75W 927 AR111 24D	3,500 cd
929002239108	MAS LED ExpertColor 15-75W 930 AR111 24D	3,500 cd

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

Operating and Electrical

MASTER LEDspot LV AR111

Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929002238808	MAS LED ExpertColor 11-50W 927 AR111 40D	11 W	50 W
929002239008	MAS LED ExpertColor 15-75W 927 AR111 24D	15 W	75 W
929002239108	MAS LED ExpertColor 15-75W 930 AR111 24D	15 W	75 W

Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929002239308	MAS LED ExpertColor 15-75W 927 AR111 40D	15 W	75 W
929002239408	MAS LED ExpertColor 15-75W 930 AR111 40D	15 W	75 W

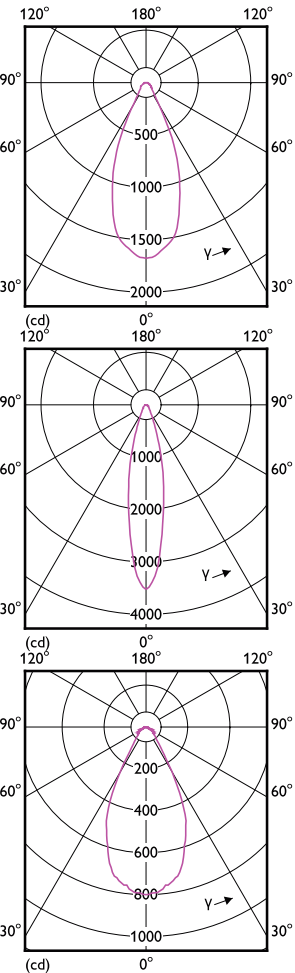
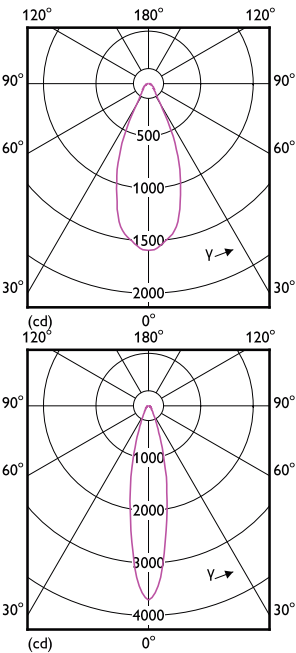
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002238808	MAS LED ExpertColor 11-50W 927 AR111 40D	70 °C
929002239008	MAS LED ExpertColor 15-75W 927 AR111 24D	74 °C
929002239108	MAS LED ExpertColor 15-75W 930 AR111 24D	74 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002239308	MAS LED ExpertColor 15-75W 927 AR111 40D	74 °C
929002239408	MAS LED ExpertColor 15-75W 930 AR111 40D	74 °C

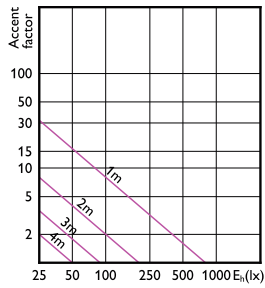
Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002238808	MAS LED ExpertColor 11-50W 927 AR111 40D	13 kWh
929002239008	MAS LED ExpertColor 15-75W 927 AR111 24D	17 kWh
929002239108	MAS LED ExpertColor 15-75W 930 AR111 24D	17 kWh
929002239308	MAS LED ExpertColor 15-75W 927 AR111 40D	17 kWh
929002239408	MAS LED ExpertColor 15-75W 930 AR111 40D	17 kWh

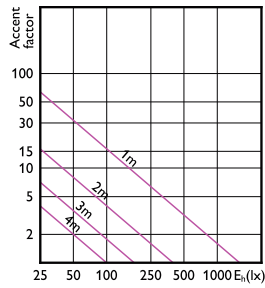


MASTER LEDspot LV AR111

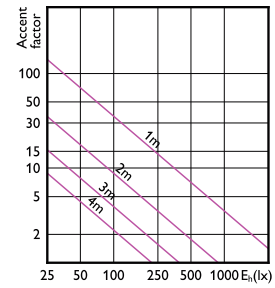
Accent Diagrams



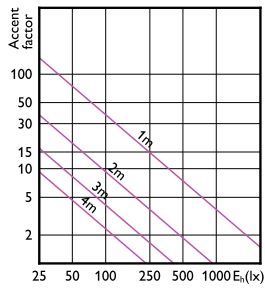
Accent Diagram - MAS LED ExpertColor 11-50W
927 AR111 40D



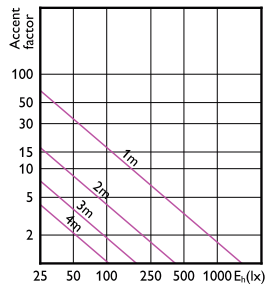
Accent Diagram - MAS LED ExpertColor 15-75W
927 AR111 40D



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

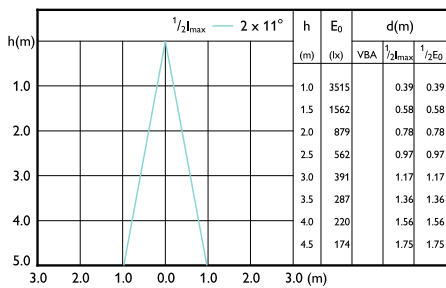


Accent Diagram - MAS LED ExpertColor 15-75W
930 AR111 24D

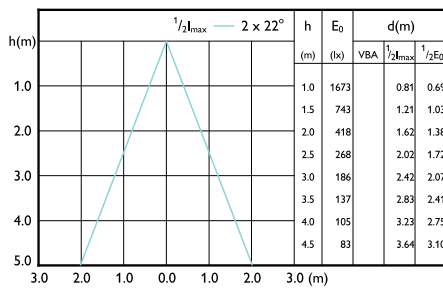


Accent Diagram - MAS LED ExpertColor 15-75W
930 AR111 40D

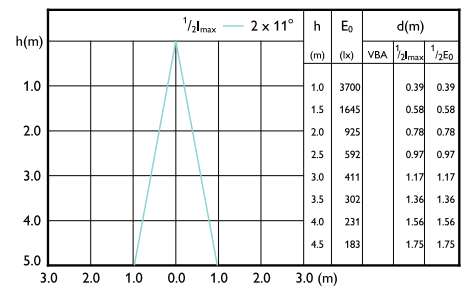
Beam Diagrams



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



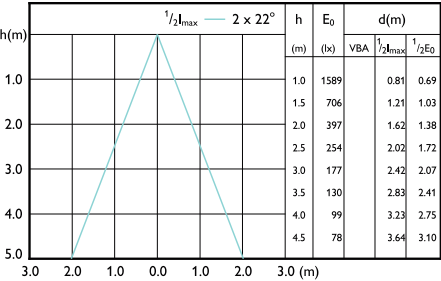
Beam diagram - MAS LED ExpertColor 15-75W
930 AR111 40D



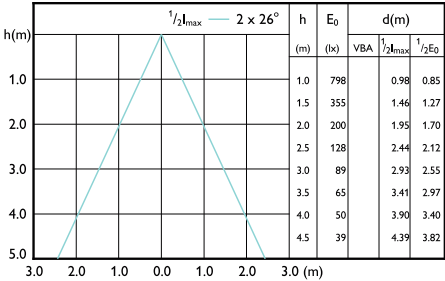
Beam diagram - MAS LED ExpertColor 15-75W
930 AR111 24D

MASTER LEDspot LV AR111

Beam Diagrams



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



Beam diagram - MAS LED ExpertColor 11-50W 927 AR111 40D

