PHILIPS Lighting



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 minimises maintenance cost without any reduction in brightness.

Benefits

- \cdot 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
- \cdot UV- and IR-free light for less heat and protection for heat-sensitive objects

MASTER LEDspot LV AR111

Application

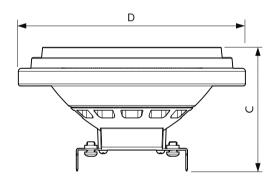
- Shops, hotels, restaurants, bars, cafés
- Gallieres, museums, exhibitions, lobbies, corridors, stairwells, washrooms, reception areas

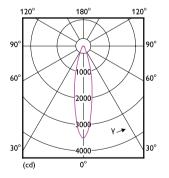
Versions



LEDclassic 5-50W MR16 830 60D

Dimensional drawing

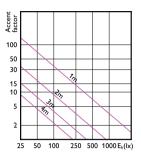




Product	D	с
MAS LED ExpertColor 15-75W 927 AR111 24D	111 mm	62 mm

MASTER LEDspot LV AR111

Accent Diagrams



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

Beam Diagrams

h ()		¹ / ₂ I _{max} 2 x 11°					h	E ₀	d(m)		
h(m)							(m)	(lx)	VBA	1/2 1 max	¹ / _{2E0}
1.0			/	\downarrow			1.0	3515		0.39	
							1.5	1562		0.58	0.58
2.0				+			2.0	879		0.78	0.78
							2.5	562		0.97	0.97
3.0				\rightarrow			3.0	391		1.17	1.17
							3.5	287		1.36	1.36
4.0				\rightarrow			4.0	220		1.56	1.56
							4.5	174		1.75	1.75
5.0											
3.	.0 2	.0 1	.0 0.	0 1	.0 2	.0 3	.0 (m)			

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



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