



# MASTER LEDspot PAR – The energy-saving alternative for lighting in public areas

## MASTER LEDspot PAR

With its robust design and warm-white beam of light, these new-generation PAR lamps are ideal for general lighting and spot lighting in the hospitality industry. There is a choice of dimmable and non-dimmable versions. They are especially suitable for public areas such as lobbies, corridors, stairwells, where the light is always on. Compatible with existing fixtures with an E27 holder and designed for retrofit replacement of halogen/incandescent lamps, MASTER LEDspot PAR deliver huge energy savings and minimize maintenance cost without any reduction in brightness. The IP44-rated outdoor version of the PAR 38 lamp is one of the few energy-saving alternatives to incandescent PAR38 outdoor lamps available today. The dimmable PAR 20 is a perfect replacement for an incandescent spot.

### Benefits

- Up to 80% energy saving compared to halogen lamps
- Retrofittable and compatible with existing fixtures with E27 holder
- Lower maintenance costs

### Features

- Lifetime of 45,000 hours
- Dimmable
- UV- and IR-free light for less heat and protection for heat-sensitive objects
- Free of mercury and hazardous materials

# MASTER LEDspot PAR

## Application

- Especially suitable for public areas like lobbies, corridors, stairwells and restaurants/bars

## Versions

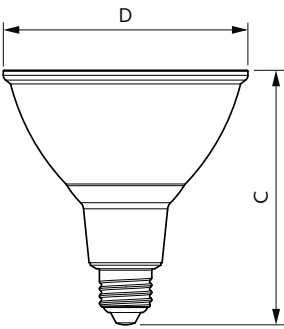
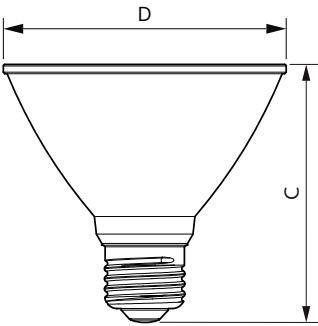


12-120W E26 PAR30S



LEDclassic PAR38 25D POS2

## Dimensional drawing



Product	D	C
Master LED 12-120W PAR30s 827 25D EER1	86 mm	93 mm

Product	D	C
MAS LEDspot D 13-100W E27 927 PAR38 25D	124 mm	130 mm

# MASTER LEDspot PAR

General Information	
Switching Cycle	50,000
Light Technical	
Beam Angle (Nom)	25 degree(s)
Correlated Color Temperature (Nom)	2700 K
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz

## General Information

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001918808	Master LED 12-120W PAR30s 827 25D EER1	E26	15,000 hour(s)

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	E27	25,000 hour(s)

## Light Technical

Order Code	Full Product Name	Color rendering		Luminous Intensity	
		index (CRI)	Code	Flux	(Nom)
929001918808	Master LED 12-120W PAR30s 827 25D EER1	80	827	1,300 lm	3,200 cd

Order Code	Full Product Name	Color rendering		Luminous Intensity	
		index (CRI)	Code	Flux	(Nom)
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	90	927	1,100 lm	3,500 cd

## Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption	Starting	
				Time (Nom)	Wattage Equivalent
929001918808	Master LED 12-120W PAR30s 827 25D EER1	50 to 60 Hz	12 W	0.8 s	120 W
929002339008	MAS LEDspot D 13-100W	-	13 W	0.5 s	100 W

Order Code	Full Product Name	Line Frequency	Power Consumption	Starting	
				Time (Nom)	Wattage Equivalent
	E27 927 PAR38 25D				

## Temperature

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929001918808	Master LED 12-120W PAR30s 827 25D EER1	-	90 °C

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	-20 to +45 °C	75 °C

## Controls and Dimming

Order Code	Full Product Name	Dimmable
929001918808	Master LED 12-120W PAR30s 827 25D EER1	No

Order Code	Full Product Name	Dimmable
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	Only with specific dimmers

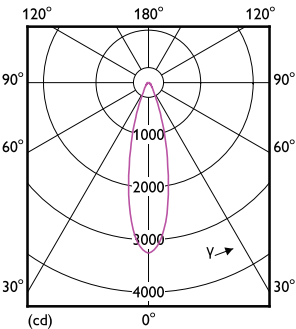
MASTER LEDspot PAR

Mechanical and Housing

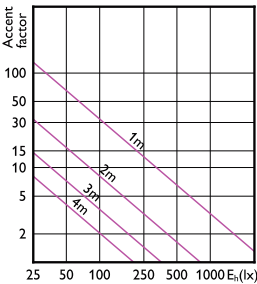
Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001918808	Master LED 12-120W PAR30s 827 25D EER1	-	PAR30S
929002339008	MAS LEDspot D 13-100W E27 927 PAR38	Clear	PAR38
	25D		

Approval and Application

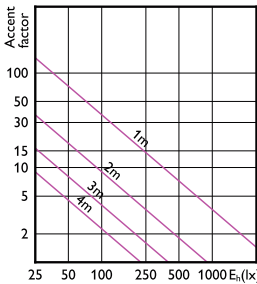
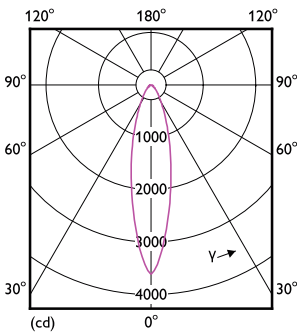
Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
929001918808	Master LED 12-120W PAR30s 827 25D EER1	12 kWh
929002339008	MAS LEDspot D 13-100W E27 927 PAR38	-
	25D	



Accent Diagrams



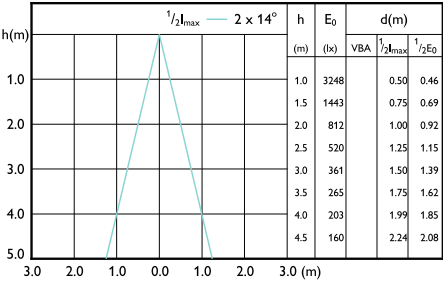
Accent Diagram - MAS LEDspot D 13-100W E27 927 PAR38 25D



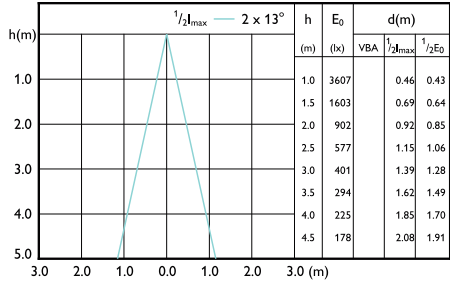
Accent Diagram - Master LED 12-120W PAR30s 827 25D EER1

MASTER LEDspot PAR

Beam Diagrams



Beam diagram - MAS LEDspot D 13-100W E27 927 PAR38 25D



Beam diagram - Master LED 12-120W PAR30s 827 25D EER1

