



# 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.

### 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 (except PAR38 OD)
- UV- and IR-free light for less heat and protection for heat-sensitive objects
- Free of mercury and hazardous materials – RoHS compliant

### Application

- Hotels, restaurants, bars, cafés, museums, shops, musea, art. galleries, lobbies, corridors, stairwells, washrooms, reception areas, exhibitions, display cabinets

# MASTER LEDspot PAR

## Versions



MASTER LEDspot PAR 100W E27 827 25D

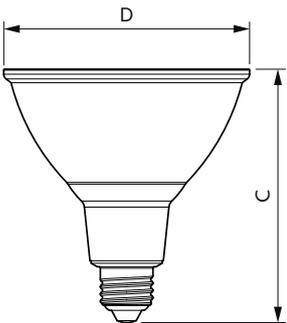
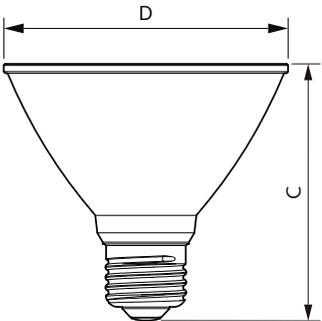
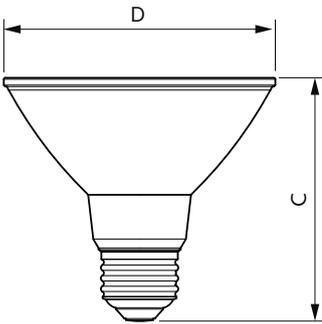


12-120W E26 PAR30S



LEDspots MAS GMGC1 PAR30S E27

## Dimensional drawing



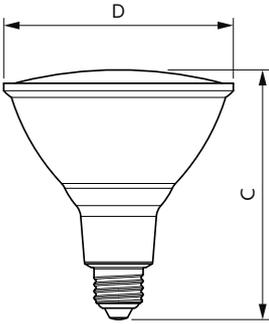
Product	D	C
MAS LEDspot D 12-100W E27 927 PAR30S 25D	92 mm	84 mm

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

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## Dimensional drawing



Product	D	C
LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT	122 mm	134 mm

### 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
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## General Information

Order Code	Full Product Name	Cap-Base	Rated		
			Lifetime (Hours)	Switching Cycle	Nominal lifetime
929001322779	LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT	E27	15,000 hour(s)	25,000	15,000 hour(s)
929001918808	Master LED 12-120W PAR30s 827 25D EER1	E26	-	50,000	15,000 hour(s)
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	E27	-	50,000	25,000 hour(s)

Order Code	Full Product Name	Cap-Base	Rated		
			Lifetime (Hours)	Switching Cycle	Nominal lifetime
929002339068	MAS LEDspot D 13-100W E27 927 PAR38 25D	E27	-	50,000	25,000 hour(s)
929002030808	MAS LEDspot D 12-100W E27 927 PAR30S 25D	E27	-	50,000	25,000 hour(s)

## Light Technical

Order Code	Full Product Name	Color			Luminous Intensity (Nom)
		rendering index (CRI)	Color Code	Luminous Flux	
929001322779	LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT	80	827	900 lm	1,800 cd
929001918808	Master LED 12-120W PAR30s 827 25D EER1	80	827	1,300 lm	3,200 cd
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	90	927	1,100 lm	3,500 cd

Order Code	Full Product Name	Color			Luminous Intensity (Nom)
		rendering index (CRI)	Color Code	Luminous Flux	
929002339068	MAS LEDspot D 13-100W E27 927 PAR38 25D	90	927	-	3,500 cd
929002030808	MAS LEDspot D 12-100W E27 927 PAR30S 25D	90	927	1,000 lm	3,000 cd

## Operating and Electrical

# MASTER LEDspot PAR

Order Code	Full Product Name	Line Frequency	Power Consumption	Starting	
				Time (Nom)	Wattage Equivalent
929001322779	LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT	-	10 W	0.5 s	80 W
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 E27 927 PAR38 25D	-	13 W	0.5 s	100 W

Order Code	Full Product Name	Line Frequency	Power Consumption	Starting	
				Time (Nom)	Wattage Equivalent
929002339068	MAS LEDspot D 13-100W E27 927 PAR38 25D	50 to 60 Hz	13 W	0.5 s	100 W
929002030808	MAS LEDspot D 12-100W E27 927 PAR30S 25D	-	12 W	0.5 s	100 W

## Temperature

Order Code	Full Product Name	Ambient temperature range	T-Case
			Maximum (Nom)
929001322779	LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT	-20 to +45 °C	80 °C
929001918808	Master LED 12-120W PAR30s 827 25D EER1	-	90 °C
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	-20 to +45 °C	75 °C

Order Code	Full Product Name	Ambient temperature range	T-Case
			Maximum (Nom)
929002339068	MAS LEDspot D 13-100W E27 927 PAR38 25D	-	75 °C
929002030808	MAS LEDspot D 12-100W E27 927 PAR30S 25D	-20 to +45 °C	85 °C

## Controls and Dimming

Order Code	Full Product Name	Dimmable
929001322779	LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT	No
929001918808	Master LED 12-120W PAR30s 827 25D EER1	No
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	Only with specific dimmers

Order Code	Full Product Name	Dimmable
929002339068	MAS LEDspot D 13-100W E27 927 PAR38 25D	Only with specific dimmers
929002030808	MAS LEDspot D 12-100W E27 927 PAR30S 25D	Only with specific dimmers

## Mechanical and Housing

Order Code	Full Product Name	Bulb	
		Finish	Bulb Shape
929001322779	LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT	Clear	PAR38
929001918808	Master LED 12-120W PAR30s 827 25D EER1	-	PAR30S
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	Clear	PAR38

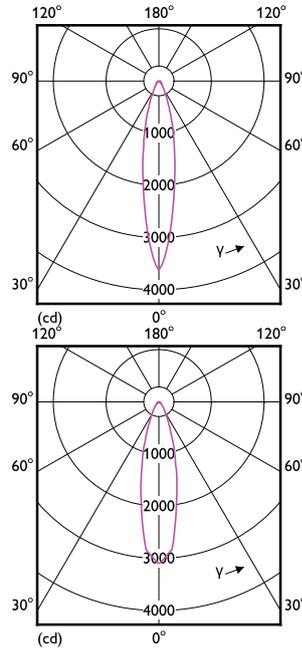
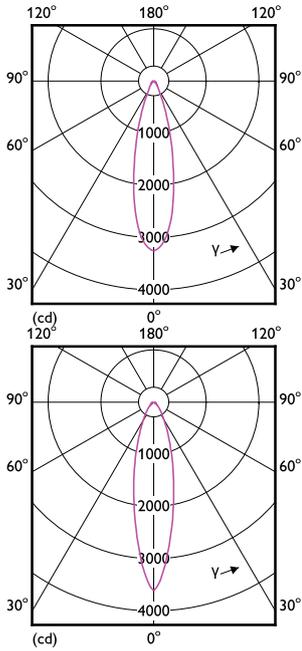
Order Code	Full Product Name	Bulb	
		Finish	Bulb Shape
929002339068	MAS LEDspot D 13-100W E27 927 PAR38 25D	-	PAR38
929002030808	MAS LEDspot D 12-100W E27 927 PAR30S 25D	Clear	PAR30S

## Approval and Application

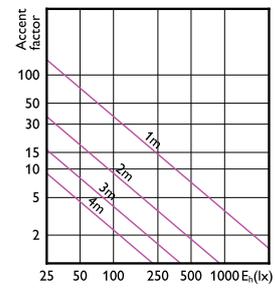
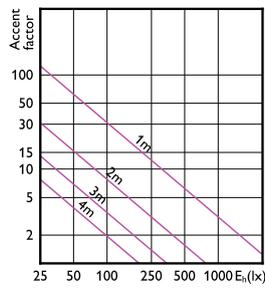
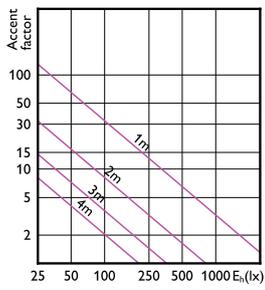
Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001322779	LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT	-
929001918808	Master LED 12-120W PAR30s 827 25D EER1	12 kWh
929002339008	MAS LEDspot D 13-100W E27 927 PAR38 25D	-
929002339068	MAS LEDspot D 13-100W E27 927 PAR38 25D	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002030808	MAS LEDspot D 12-100W E27 927 PAR30S 25D	-

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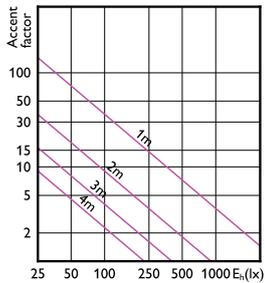
## Accent Diagrams



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

Accent Diagram - MAS LEDspot D 12-100W E27 927 PAR30S 25D

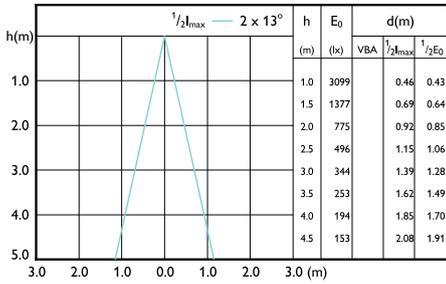
Accent Diagram - Master LED 12-120W PAR30s 827 25D EER1



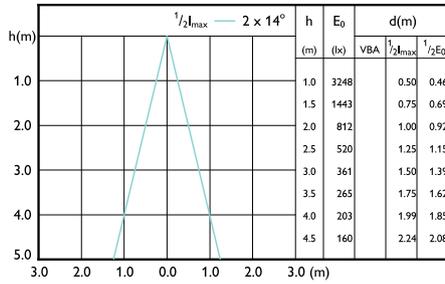
Accent Diagram - LEDClassic 10-80W PAR38 827 25D 1CT/3 SRT

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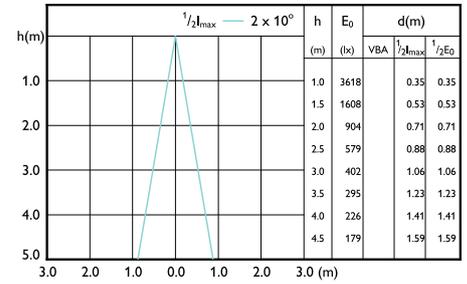
## Beam Diagrams



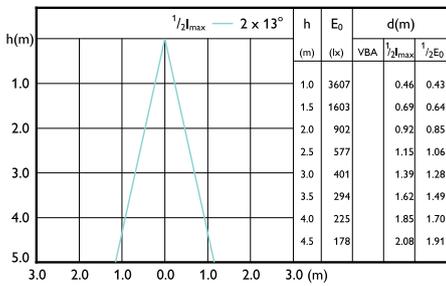
Beam diagram - MAS LEDspot D 12-100W E27 927 PAR30S 25D



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



Beam diagram - LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT



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

