



# **MASTER LEDspot PAR**



## MAS LEDspot CLA D 13-100W 827 PAR38 25D

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.

#### **Product data**

General Information	
Cap-Base	E27 [E27]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	1,000 lm
Luminous Intensity (Nom)	3,500 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	76.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	1,000 lm

Mechanical and Housing	
Input Frequency 50 to 60 H Power Consumption 13 W Lamp Current (Nom) 65 mA Wattage Equivalent 100 W Starting Time (Nom) 0.5 s Warm-up time to 60% light 0.5 s Power Factor (Fraction) 0.9 Voltage (Nom) 220-240 V  Temperature T-Case Maximum (Nom) 75 °C  Controls and Dimming Dimmable Only with  Mechanical and Housing Bulb Shape PAR38 [Preserved]	
Power Consumption 13 W  Lamp Current (Nom) 65 mA  Wattage Equivalent 100 W  Starting Time (Nom) 0.5 s  Warm-up time to 60% light 0.5 s  Power Factor (Fraction) 0.9  Voltage (Nom) 220-240 V  Temperature  T-Case Maximum (Nom) 75 °C  Controls and Dimming  Dimmable Only with  Mechanical and Housing  Bulb Shape PAR38 [Page 12]	Hz
Lamp Current (Nom) 65 mA  Wattage Equivalent 100 W  Starting Time (Nom) 0.5 s  Warm-up time to 60% light 0.5 s  Power Factor (Fraction) 0.9  Voltage (Nom) 220-240 V  Temperature  T-Case Maximum (Nom) 75 °C  Controls and Dimming  Dimmable Only with  Mechanical and Housing  Bulb Shape PAR38 [Page 10]	Hz
Wattage Equivalent 100 W  Starting Time (Nom) 0.5 s  Warm-up time to 60% light 0.5 s  Power Factor (Fraction) 0.9  Voltage (Nom) 220-240 V  Temperature  T-Case Maximum (Nom) 75 °C  Controls and Dimming  Dimmable Only with  Mechanical and Housing  Bulb Shape PAR38 [P/	
Starting Time (Nom)  Warm-up time to 60% light  Power Factor (Fraction)  Voltage (Nom)  220-240 V  Temperature  T-Case Maximum (Nom)  75 °C  Controls and Dimming  Dimmable  Only with  Mechanical and Housing  Bulb Shape  PAR38 [Page 1]	
Warm-up time to 60% light 0.5 s  Power Factor (Fraction) 0.9  Voltage (Nom) 220-240 N  Temperature  T-Case Maximum (Nom) 75 °C  Controls and Dimming  Dimmable Only with  Mechanical and Housing  Bulb Shape PAR38 [Proceedings of the control of the	
Power Factor (Fraction)  Voltage (Nom)  220-240 V  Temperature  T-Case Maximum (Nom)  75 °C  Controls and Dimming  Dimmable  Only with  Mechanical and Housing  Bulb Shape  PAR38 [Pa	
Voltage (Nom)  220-240 V  Temperature  T-Case Maximum (Nom)  75 °C  Controls and Dimming  Dimmable  Only with  Mechanical and Housing  Bulb Shape  PAR38 [Pa	
Temperature T-Case Maximum (Nom) 75 °C  Controls and Dimming Dimmable Only with  Mechanical and Housing Bulb Shape PAR38 [P/	
T-Case Maximum (Nom) 75 °C  Controls and Dimming  Dimmable Only with  Mechanical and Housing  Bulb Shape PAR38 [P/	/
T-Case Maximum (Nom) 75 °C  Controls and Dimming  Dimmable Only with  Mechanical and Housing  Bulb Shape PAR38 [P/	
Controls and Dimming Dimmable Only with  Mechanical and Housing Bulb Shape PAR38 [P/	
Dimmable Only with  Mechanical and Housing  Bulb Shape PAR38 [P)	
Dimmable Only with  Mechanical and Housing  Bulb Shape PAR38 [P)	
Mechanical and Housing  Bulb Shape PAR38 [P/	
Bulb Shape PAR38 [P/	specific dimmers
Bulb Shape PAR38 [P/	
Approval and Application	AR 4.75 inch/121mm]
Approval and Application	
Energy Efficiency Class F	
Suitable For Accent Lighting Yes	
Energy Efficiency Class F	AR 4.75 inch/121mm]

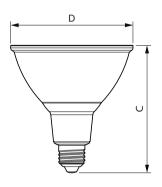
Datasheet, 2023, December 8 data subject to change

## **MASTER LEDspot PAR**

Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	391930
EyeComfort	Yes
Product Data	
Order product name	MAS LEDspot CLA D 13-100W 827 PAR38 25D
Full product name	MAS LEDspot CLA D 13-100W 827 PAR38 25D
Full product code	871869976870600

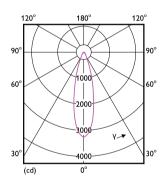
Order code	929002339002
Material Nr. (12NC)	929002339002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699768706
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699768713

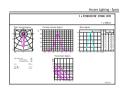
#### Dimensional drawing



Product	D	С
MAS LEDspot CLA D 13-100W 827 PAR38 25D	124 mm	130 mm

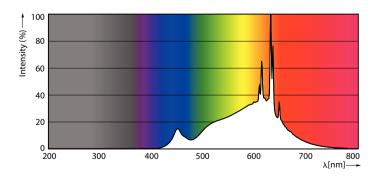
#### Photometric data





Light Distribution Diagram - MAS LEDspot CLA D 13-100W 827 PAR38 25D

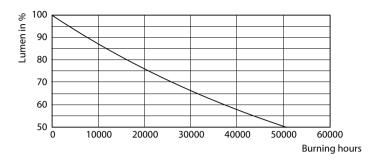
Accent Lighting Spots - MAS LEDspot CLA D 13-100W 827 PAR38 25D



Spectral Power Distribution Colour - MAS LEDspot CLA D 13-100W 827 PAR38 25D

### **MASTER LEDspot PAR**

#### Lifetime



Life Expectancy Diagram - MAS LEDspot CLA D 13-100W 827 PAR38 25D

Lumen Maintenance Diagram - MAS LEDspot CLA D 13-100W 827 PAR38 25D



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.