



# MASTER LEDspot ExpertColor AR111



# MAS ExpertColor 10.8-50W 930 AR111 40D

The MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot LV and LEDspot Par lamps.

#### **Product data**

General Information		
Cap base	G53 [ G53]	
EU RoHS compliant	Yes	
Nominal lifetime (nom.)	40000 h	
Switching cycle	50,000X	
	Narrow Cone	
Light Technical		
Colour Code	930 [ CCT of 3,000 K]	
Beam Angle (Nom)	40 °	
Luminous flux (nom.)	620 lm	
Luminous intensity (nom.)	1200 cd	
Colour designation	White (WH)	
Correlated Colour Temperature (Nom)	3000 K	
Luminous efficacy (rated) (nom.)	57.00 lm/W	
Colour consistency	<4	
Colour rendering index (nom.)	95	
LLMF at end of nominal lifetime (nom.)	70 %	
•	·	

Luminous flux in 90° cone (rated)	620 lm	
Operating and Electrical		
Input frequency	50 to 60 Hz	
Power (Rated) (Nom)	10.8 W	
Lamp current (nom.)	1000 mA	
Wattage equivalent	50 W	
Starting time (nom.)	0.5 s	
Warm-up time to 60% light (nom.)	0.5 s	
Power factor (nom.)	0.7	
Voltage (Nom)	ac electronic 12 V	
Temperature		
T-Case maximum (nom.)	70 °C	
Controls and Dimming		
Dimmable	Only with specific dimmers	

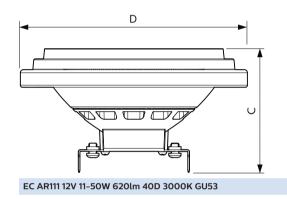
Datasheet, 2021, October 7 data subject to change

# **MASTER LEDspot ExpertColor AR111**

Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	AR111
Approval and Application	
Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	11 kWh
	648252
Product Data	
Full product code	871951433401400

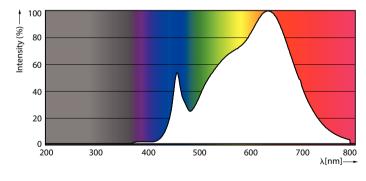
Order product name	MAS ExpertColor 10.8-50W 930 AR111 40D	
EAN/UPC – product	8719514334014	
Order code	33401400	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	6	
SAP material	929003043702	
SAP net weight (piece)	0.160 kg	

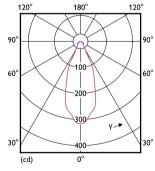
## Dimensional drawing



Product	D	С
MAS ExpertColor 10.8-50W 930 AR111 40D	111 mm	61 mm

## Photometric data



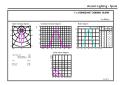


LEDspots MAS SLR 10,8W AR111 G53 930 9D-POC POC

LEDspots MAS SLR 10,8W AR111 G53 930 40D-LDD LDD

# **MASTER LEDspot ExpertColor AR111**

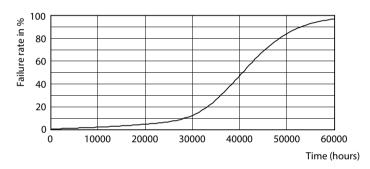
### Photometric data

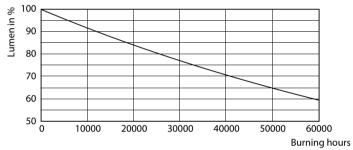


Calculus Photographics 4.5 Philips Lighting B.V. Fago: 171

LEDspots MAS SLR 10,8W AR111 G53 930 40D-ADL ADL

### Lifetime





LEDspots LED 40K

LEDspots LMP 40K



© 2021 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.