



MASTERColour CDM-R111

MASTERC CDM-R111 20W/830 GX8.5 24D 1CT/6

The MASTERColour CDM-R111 combines the trendy look of 111 mm aluminum reflector halogen lamps with the long life, high energy efficiency and crisp white light of MASTERColour CDM.

Warnings and Safety

- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information		
Cap-Base	GX8.5 [GX8.5]	
Operating Position	UNIVERSAL [Any or Universal (U)]	
Switching Cycle	800	
Life to 50% Failures (Nom)	9,000 hour(s)	
Light Technical		
Color Code	830 [CCT of 3000K]	
Beam Angle (Nom)	24 degree(s)	
Luminous Intensity (Nom)	4,700 cd	
Color Designation	Warm White (WW)	
Chromaticity Coordinate X (Nom)	0.438	
Chromaticity Coordinate Y (Nom)	0.392	
Correlated Color Temperature (Nom)	3000 K	
Color rendering index (CRI)	87	

LLMF At End Of Nominal Lifetime (Nom) 58 %
Luminous Flux in 90° Cone (Rated)	625 lm
Operating and Electrical	
Power Consumption	20 W
Warm-up time to 60% light	120 s
Voltage (Nom)	101 V
Voltage (Nom)	101 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Reflector

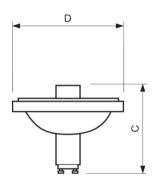
Datasheet, 2023, September 4 data subject to change

MASTERColour CDM-R111

Bulb Shape	R111 [R 111mm]
Approval and Application	
Mercury (Hg) Content (Nom)	2.4 mg
Energy Consumption kWh/1000 h	22 kWh
Product Data	
Order product name	MASTERC CDM-R111 20W/830 GX8.5 24D
	1CT/6
Full product name	MASTERC CDM-R111 20W/830 GX8.5 24D
	1CT/6

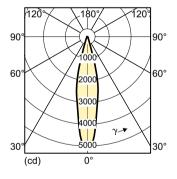
Full product code	871150020951110
Order code	928093205330
Material Nr. (12NC)	928093205330
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500209511
Numerator - Packs per outer box	6
EAN/UPC - Case	8711500209528

Dimensional drawing

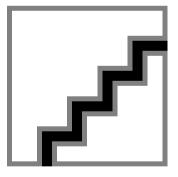


Product	D (max)	C (max)
MASTERC CDM-R111 20W/830 GX8.5 24D 1CT/6	111 mm	95 mm

Photometric data







Spectral Power Distribution Colour - MASTERC CDM-R111 20W/830 GX8.5 24D 1CT/6

MASTERColour CDM-R111



© 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.