PHILIPS Lighting



MASTERColour CDM-R111

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

The MASTERColour CDM-R111 combines the trendy look of the 111 mm aluminium 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		Correlated Color Temperature (Nom)	3000 K
Cap-Base	GX8.5 [GX8.5]	Color rendering index (CRI)	87
Operating Position	UNIVERSAL [Any or Universal (U)]	LLMF At End Of Nominal Lifetime (Nom) 58 %	
Switching Cycle	800	Luminous Flux in 90° Cone (Rated)	625 lm
Life to 50% Failures (Nom)	9,000 hour(s)		
		Operating and Electrical	
Light Technical		Power Consumption	20 W
Color Code	830 [CCT of 3000K]	Warm-up time to 60% light	120 s
Beam Angle (Nom)	24 degree(s)	Voltage (Nom)	101 V
Luminous Intensity (Nom)	4,700 cd	Voltage (Nom)	101 V
Color Designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.438		
Chromaticity Coordinate Y (Nom)	0.392		

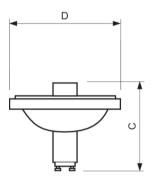
Correlated Color Temperature (Nom)	3000 K	
Color rendering index (CRI)	87	
LLMF At End Of Nominal Lifetime (Nom) 58 %		
Luminous Flux in 90° Cone (Rated)	625 lm	
Operating and Electrical		
Power Consumption	20 W	
Warm-up time to 60% light	120 s	
Voltage (Nom)	101 V	
Voltage (Nom)	101 V	

MASTERColour CDM-R111

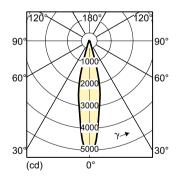
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Reflector	
Bulb Shape	R111 [R 111mm]	
Approval and Application		
Mercury (Hg) Content (Nom)	2.4 mg	
Energy Consumption kWh/1000 h	22 kWh	
Product Data		
Order product name	MASTERC CDM-R111 20W/830 GX8.5 24D	
	1CT/6	

Full product name	MASTERColour CDM-R111 20W/830 GX8.5	
	24D 1CT/6	
Full product code	871150020951110	
Order code	20951110	
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

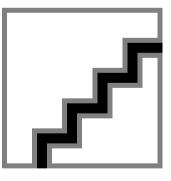


Photometric data



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

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



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.

www.lighting.philips.com 2023, May 1 - data subject to change