

MASTERColour CDM-Rm Mini

MASTERColour CDM-Rm Mini 20W/830 GX10 MR16 40D

The new Philips MASTERColour CDM-R mini brings trusted MASTERColour quality to 50mm reflector lamps with the superior output and colour stability to create the right atmosphere to match your customers' retail brand and positioning. The easy way to reflect more sparkle.

Product data

• General Information

Cap-Base	GX10 [GX10]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	10000 h
Life To 20% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	15000 h
ANSI Code HID	C156/O
Switching Cycle	1350X

• Light Technical

Colour Code	830 [CCT of 3000K]
Beam Angle (Nom)	40 °
Beam Angle Technical (Nom)	36 °
Beam Angle Technical (Max)	45 °
Beam Angle Technical (Min)	27 °
Luminous Intensity (Min)	1350 cd
Luminous Intensity (Nom)	1750 cd
Beam Description	-
Lumen Maintenance 12000 h (Nom)	75 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 4000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	0.439
Chromaticity Coordinate Y (Nom)	0.403
Colour Temperature, horizontal (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	50 lm/W
Colour Rendering Index horiz (Min)	81
Colour Rendering Index horiz (Nom)	84
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux In 90° Cone (Rated)	900 lm

• Operating and Electrical

Power (Rated) (Nom)	20.0 W
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time To 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	100 V
Voltage (Min)	90 V
Voltage (Nom)	95 V

• Controls and Dimming

Dimmable	No
Run-up Time 90% (Max)	3 min

PHILIPS

MASTERColour CDM-Rm Mini

- Mechanical and Housing

Bulb Finish	- [-]

- Approval and Application

Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	3.5 mg
Energy Consumption kWh/1000 h	22 kWh

- UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

- Luminaire Design Requirements

Reflector Neck Temperature (Max)	215 °C

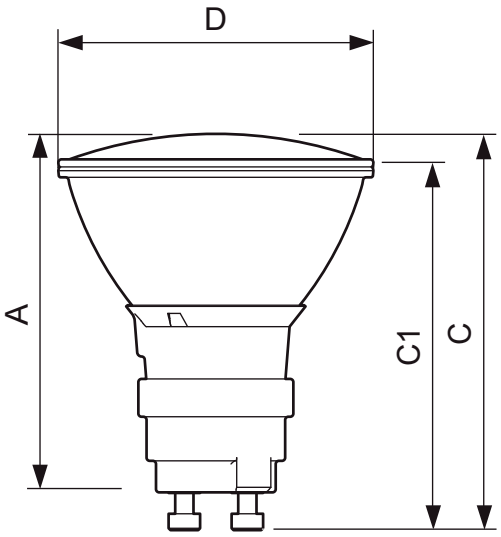
- Product Data

Full product code	871829120303200
Order product name	MASTERColour CDM-Rm Mini 20W/830 GX10 MR16 40D
EAN/UPC - Product	8718291203032
Order code	20303200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928191205331
Net Weight (Piece)	0.047 kg
ILCOS Code	MRS/UB-20/830-H-GX10-51/54.5/40

Warnings and Safety

- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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.

Dimensional drawing



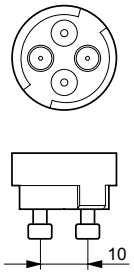
CDM-Rm, GX10, MR16

CDM-Rm 20W/830 GX10 MR16 40D

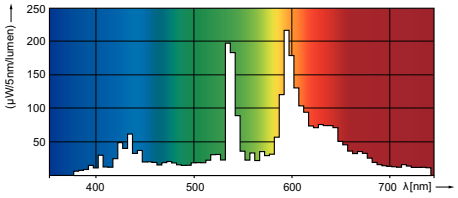
Product	D	D	C	C	C1	A
MASTERColour CDM-Rm Mini 20W/830 GX10 MR16 40D	51 mm	50 mm	65.4 mm	62.75 mm	60.9 mm	59 mm

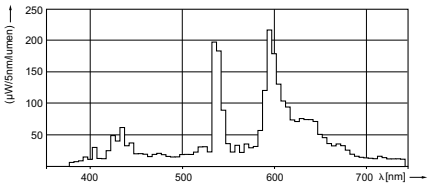
MASTERColour CDM-Rm Mini

Dimensional drawing



Photometric data





© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, March 22
data subject to change