



MASTERColour CDM-R111

MASTERColour 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.

Product data

General Information	
Cap-Base	GX8.5 [GX8.5]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	6000 h
Life To 10% Failures (Nom)	7000 h
Life to 20% Failures (Nom)	8000 h
Life to 50% Failures (Nom)	9000 h
ANSI Code HID	C175/O
Switching Cycle	800X

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	24 °
Beam Angle Technical (Nom)	20 °
Beam Angle Technical (Max)	25 °
Beam Angle Technical (Min)	15 °
Luminous Flux (Rated) (Min)	580 lm
Luminous Flux (Rated) (Nom)	640 lm
Luminous Intensity (Min)	3525 cd
Luminous Intensity (Nom)	4700 cd

Beam Description	Narrow Flood
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 (Min)	84
Color Rendering Index (Nom)	87
LLMF At End Of Nominal Lifetime (Nom)	58 %
Luminous Flux in 90° Cone (Rated)	625 lm

Operating and Electrical	
Power (Rated) (Nom)	20 W
Ignition Supply Voltage (Max)	198 V
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	109 V
Voltage (Min)	96 V

MASTERCcolour CDM-R111

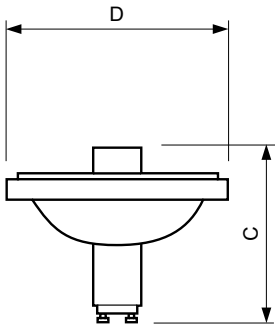
Voltage (Nom)	101 V
Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min
Mechanical and Housing	
Bulb Finish	Reflector
Approval and Application	
Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	2.4 mg
Energy Consumption kWh/1000 h	22 kWh
UV	
Pet (Niosh) (Min)	8 h/500lx

Damage Factor D/fc (Max)	0.3
Product Data	
Full product code	87115002095110
Order product name	MASTERCcolour CDM-R111 20W/830 GX8.5 24D 1CT/6
EAN/UPC - Product	8711500209511
Order code	928093205330
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928093205330
Net Weight (Piece)	0.095 kg
ILCOS Code	MRS/UB-20/830-H-GX8.5-111/88/24

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.

Dimensional drawing

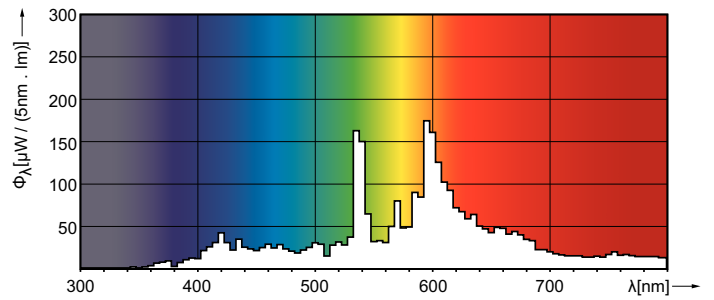
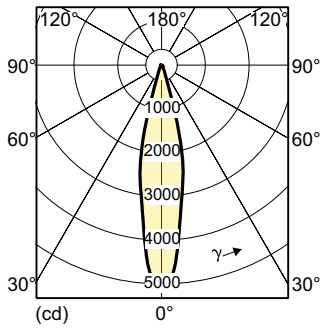


CDM-R111 20W/830 24D

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

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Photometric data



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