

MASTERColour CDM-R111

MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6

The MASTERColour CDM-R111 combines the trendy look of the 111mm aluminium 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)	7500 h
Life To 10% Failures (Nom)	8500 h
Life to 20% Failures (Nom)	9500 h
Life to 50% Failures (Nom)	11000 h
ANSI Code HID	M139/O
Switching Cycle	1000X

Light Technical	
Colour Code	942 [CCT of 4200K]
Beam Angle (Nom)	24 °
Beam Angle Technical (Nom)	23 °
Beam Angle Technical (Max)	28 °
Beam Angle Technical (Min)	18 °
Luminous Flux (Rated) (Nom)	2850 lm
Luminous Intensity (Min)	11000 cd
Luminous Intensity (Nom)	14500 cd
Beam Description	Narrow Flood
Colour Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.381
Chromaticity Coordinate Y (Nom)	0.370
Colour Temperature, horizontal (Nom)	4200 K
Colour Rendering Index horiz (Nom)	96
LLMF At End Of Nominal Lifetime (Nom)	60 %
Luminous Flux in 90° Cone (Rated)	2800 lm

Operating and Electrical	
Power (Rated) (Nom)	73 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)	114 V
Voltage (Min)	79 V
Voltage (Nom)	92 V

MASTERColour CDM-R111

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

Mechanical and Housing	
Bulb Finish	Reflector

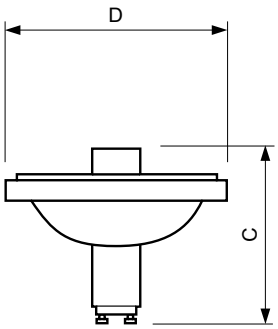
Approval and Application	
Energy Efficiency Label	B
Mercury (Hg) Content (Nom)	6.3 mg
Energy Consumption kWh/1000 h	80 kWh

UV	
Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.3

Product Data	
Full product code	871150021393810
Order product name	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6
EAN/UPC - Product	8711500213938
Order code	21393810
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928096905330
Net Weight (Piece)	0.095 kg
ILCOS Code	MRS/UB-70/942-H-GX8.5-111/88/24

Warnings and Safety

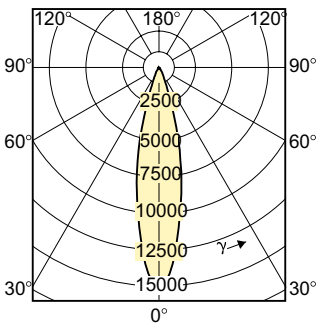
Dimensional drawing

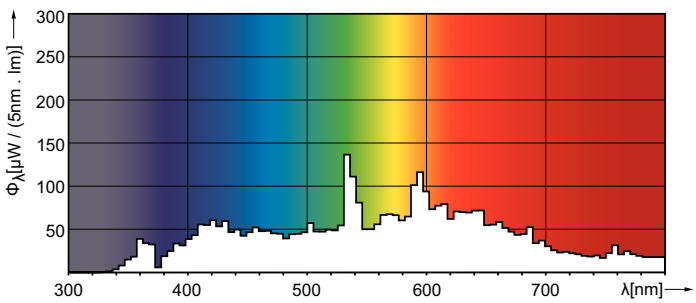


CDM-R111 70W/942 24D

Product	D (max)	C (max)
MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	111 mm	95 mm

Photometric data

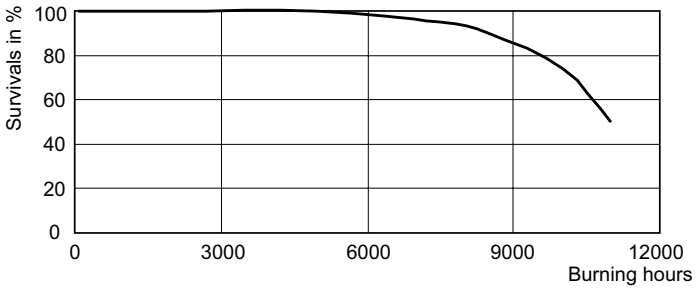


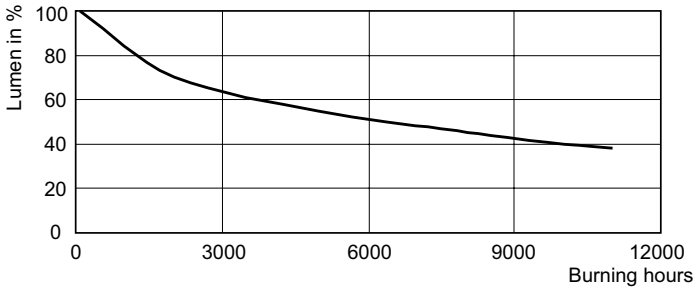


LDPO_CDM-R111_942-Spectral power distribution Colour

MASTERColour CDM-R111

Lifetime





LDLM_CDM-R111_70W_942-Lumen maintenance diagram

© 2019 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.