

PHILIPS

Lighting



MASTERColour CDM-R111

MASTERColour CDM-R111 70W/942 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)	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	
Color 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

Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.381
Chromaticity Coordinate Y (Nom)	0.370
Correlated Color Temperature (Nom)	4200 K
Color Rendering Index (Nom)	96
LLMF At End Of Nominal Lifetime (Nom)	60 %
Luminous Flux in 90° Cone (Rated)	2800 lm

Operating and Electrical	
Power (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

MASTERC colour 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 (EEL)	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	MASTERC colour CDM-R111 70W/942 GX8.5 24D 1CT/6
EAN/UPC - Product	8711500213938
Order code	928096905330
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

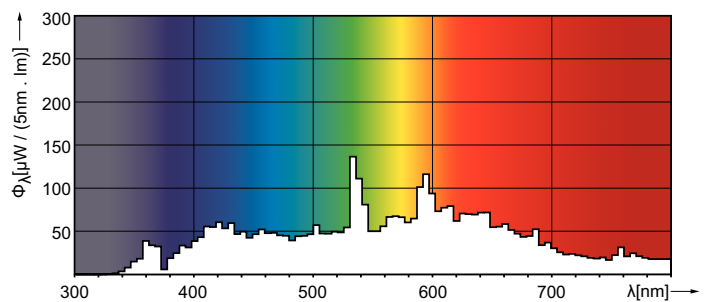
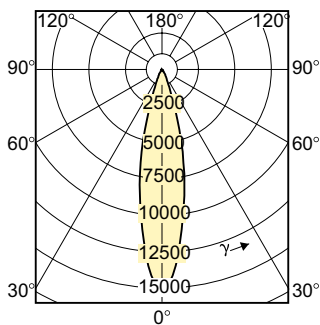
Dimensional drawing

n

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

CDM-R111 70W/942 24D

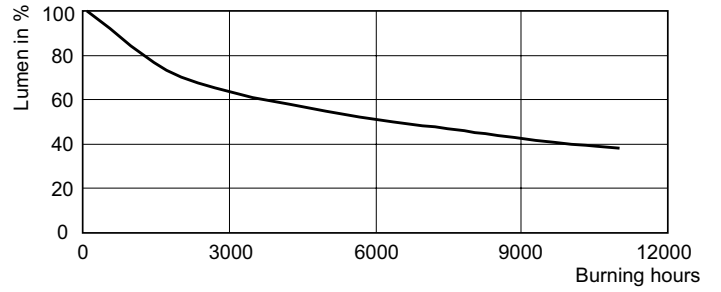
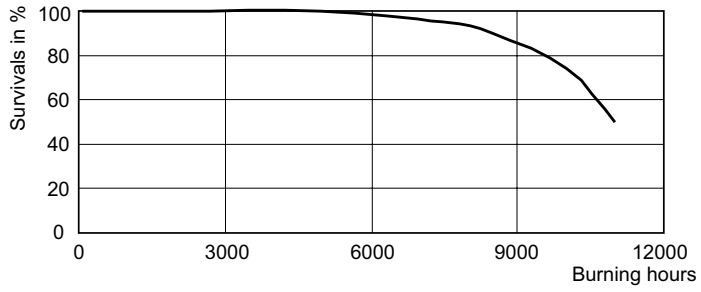
Photometric data



LDPO_CDM-R111_942-Spectral power distribution Colour

MASTERColour CDM-R111

Lifetime



LDLM_CDM-R111_70W_942-Lumen maintenance diagram

