



MasterColor CDM-R111 Elite

MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D

MasterColor CDM-R111 Elite combines the trendy look of 111 mm aluminum-reflector halogen lamps with the long life, high energy efficiency and crisp white light of MasterColor CDM.

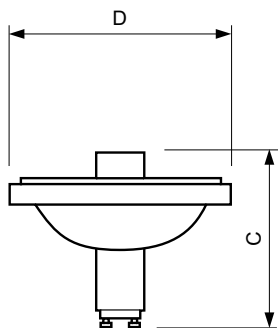
Product data

General Information			
Base	GX8.5 [GX8.5]	Lumen Maintenance 12000 h (Nom)	70 %
Operating Position	Universal [Universal]	Lumen Maintenance 2000 h (Nom)	90 %
Life to 5% Failures (Nom)	8000 h	Lumen Maintenance 4000 h (Nom)	85 %
Life To 10% Failures (Nom)	9500 h	Design Mean Lumens	3100 lm
Life to 20% Failures (Nom)	10500 h	Chromaticity Coordinate X (Nom)	0.441
Life to 50% Failures (Nom)	12000 h	Chromaticity Coordinate Y (Nom)	0.397
ANSI Code HID	C139/O	Correlated Color Temperature (Nom)	3000 K
Switching Cycle	1050X	Luminous Efficacy (rated) (Nom)	50 lm/W
Light Technical		Color Rendering Index (Min)	89
Color Code	930 [CCT of 3000K]	Color Rendering Index (Nom)	92
Beam Angle (Nom)	24 °	LLMF At End Of Nominal Lifetime (Nom)	70 %
Beam Angle Technical (Nom)	23 °	Luminous Flux in 90° Cone (Rated)	3550 lm
Beam Angle Technical (Max)	28 °	Operating and Electrical	
Beam Angle Technical (Min)	18 °	Power (Rated) (Nom)	73.2 W
Luminous Intensity (Min)	12000 cd	Re-Ignition Time (Min) (Max)	15 min
Luminous Intensity (Nom)	16000 cd	Warm Up Time to 60% Light (Nom)	120 s
Beam Description	Narrow Flood	Ignition Time (Max)	30 s
Color Designation	Warm White (WW)	Voltage (Max)	98 V
		Voltage (Min)	80 V

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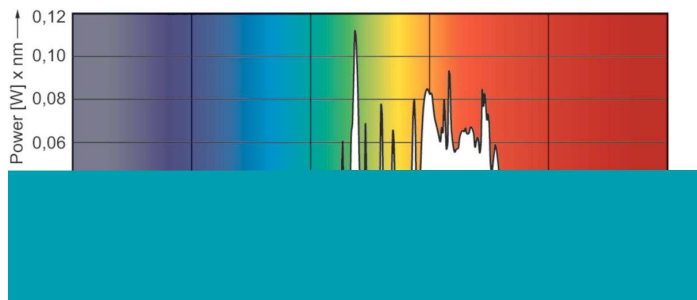
Voltage (Nom)	89 V
Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min
Mechanical and Housing	
Bulb Finish	Reflector
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	80 kWh

Dimensional drawing



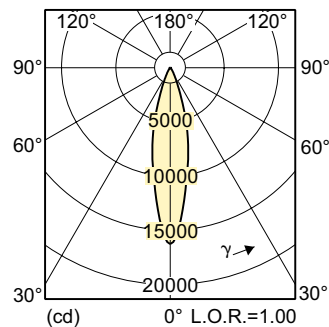
CDM-R111 Elite 70W/930 24D

Photometric data



Product Data	
Order product name	MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D
EAN/UPC - Product	046677430764
Order code	430769
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928195705306
Net Weight (Piece)	0.096 kg
ILCOS Code	MRS/UB-70/930-H-GX8.5-111/88/24

Product	D (max)	C (max)
MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D	111 mm	95 mm



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