



MASTERColour CDM-TT

MASTERColour CDM-TT 150W/942 E40 1SL/12

High-intensity discharge lamps with a CDM discharge tube inside a SON lamp clear tubular outer bulb

Product data

General Information			
Cap base	E40 [E40]	LLMF 2000 h Rated	89 %
Burning Position	UNIVERSAL [Any/Universal]	LLMF 4000 h Rated	81 %
Life to 5% failures (nom.)	10000 h	LLMF 6000 h Rated	76 %
Life to 10% failures (nom.)	12000 h	LLMF 8000 h Rated	72 %
Life to 20% failures (nom.)	15000 h	LLMF 12000 h Rated	66 %
Life to 50% failures (nom.)	20000 h	LLMF 16000 h Rated	60 %
LSF 2000 h Rated	99 %	Ratio Scotopic/Photopic Lumens	1.75
LSF 4000 h Rated	99 %		
LSF 6000 h Rated	99 %	Operating and Electrical	
LSF 8000 h Rated	97 %	Power (Rated) (Nom)	145.0 W
LSF 12000 h Rated	90 %	Lamp current (EM) (nom.)	1850 A
LSF 16000 h Rated	73 %	Ignition peak voltage (max.)	2800 V
LSF 20000 h Rated	50 %	Ignition supply voltage (min.)	198 V
		Re-ignition time (min.) (max.)	900 s
		Ignition time (max.)	30 s
		Voltage (Max)	101 V
		Voltage (Min)	85 V
		Voltage (Nom)	93 V
		Controls and Dimming	
		Dimmable	no
		Run-up time 90% (max.)	4 min
Light Technical			
Colour Code	942 [CCT of 4200K]		
Lamp Luminous Flux (Nom)	11200 lm		
Colour Designation	Cool White (CW)		
Chromaticity coordinate X (nom.)	392		
Chromaticity coordinate Y (nom.)	372		
Colour Temperature, horizontal (Nom)	4200 K		
Lamp Luminous Efficacy EM (Nom)	77 lm/W		
Colour Rendering Index,horiz (Nom)	96		

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Mechanical and Housing

Bulb finish Clear (CL)

Approval and Application

Energy efficiency label (EEL) A

Mercury (Hg) content (nom.) 10.4 mg

Energy Consumption kWh/1000 h 159 kWh

UV

PET (NIOSH) (min.) 8 h/500lx

Luminaire Design Requirements

Bulb temperature (max.) 450 °C

Cap base temperature (max.) 250 °C

Product Data

Full product code 871150020967215

Order product name MASTERCLOUR CDM-TT 150W/942 E40 1SL/12

EAN/UPC – product 8711500209672

Order code 928093709230

Numerator – quantity per pack 1

Numerator – packs per outer box 12

Material no. (12NC) 928093709230

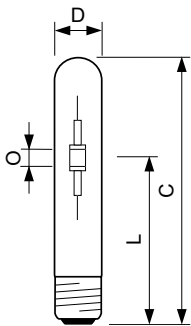
Net weight (piece) 0.135 kg

ILCOS Code MT/UB-150/942-H-E40-48/211

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electronic or electromagnetic 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

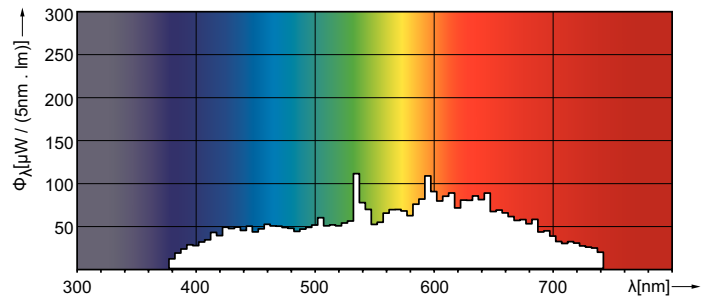
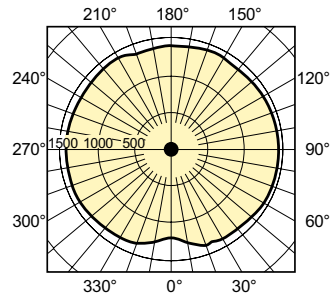
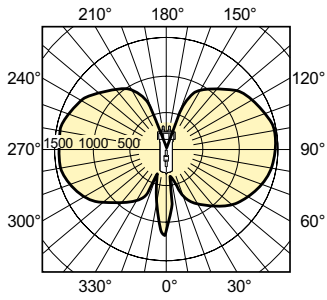


CDM-TT 150W/942 E40

Product	D (max)	O	L	C (max)
MASTERCLOUR CDM-TT 150W/942 E40 1SL/12	46 mm	8 mm	133 mm	211 mm

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Photometric data



Lifetime

