



# MASTERCcolour CDM-TT

MASTERCcolour CDM-TT 150W/942 E40 1SL

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

## Product data

### • General Characteristics

Cap-Base	E40
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	10000 hr
Life to 10% failures	12000 hr
Life to 20% failures	15000 hr
Life to 50% failures	20000 hr
LSF EM 20000h	50 %
Rated,12h cycle	
LSF EM 16000h	73 %
Rated,12h cycle	
LSF EM 12000h	90 %
Rated,12h cycle	
LSF EM 8000h Rated,	97 %
12h cycle	
LSF EM 6000h Rated,	99 %
12h cycle	
LSF EM 4000h Rated,	99 %
12h cycle	
LSF EM 2000h Rated,	99 %
12h cycle	

### • Light Technical Characteristics

Color Code	942 [CCT of 4200K]
Color Rendering Index	90 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Color Temperature Technical	3800 K
Chromaticity Coordinate X	386 -

Chromaticity Coordinate Y	369 -
Lum Efficacy Rated EM 25°C	83 Lm/W
LLMF EM 16000h Rated	60 %
LLMF EM 12000h Rated	66 %
LLMF EM 8000h Rated	72 %
LLMF EM 6000h Rated	76 %
LLMF EM 4000h Rated	81 %
LLMF EM 2000h Rated	89 %
Luminous Flux EM 25°C, Rated	12000 Lm

### • Electrical Characteristics

Lamp Wattage	150 W
Lamp Voltage	93 V
Lamp Current EM	1850 A
Ignition Time	30 (max) s
Run-up time 90%	4 (max) min
Dimmable	No
Re-ignition Time [sec]	900 (max) s
Lamp Wattage EM 25°C, Rated	145 W
Lamp Wattage EM 25°C, Nominal	150 W
Ratio scotopic/photopic lumens	1.75 -

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## • Environmental Characteristics

Mercury (Hg) Content 10.4 mg

## • UV-related Characteristics

PET (NIOSH) 8 (min) h500lx

## • Luminaire Design Requirements

Cap-Base Temperature 250 (max) C  
Bulb Temperature 450 (max) C

## • Product Dimensions

Overall Length C 211 (max) mm  
Diameter D 46 (max) mm  
Light Center Length L 133 mm  
Arc Length O 8 mm

## • Product Data

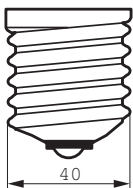
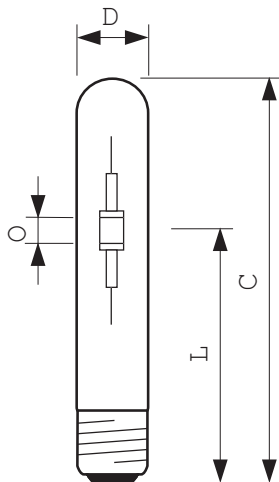
Order code 928093709230  
Full product code 928093709230  
Full product name MASTERC colour CDM-TT 150W/942 E40 1SL  
Order product name MASTERC CDM-TT 150W/942 E40 1SL/12  
Pieces per pack 1  
Packing configuration 12  
Packs per outerbox 12  
Bar code on pack - EAN1 8711500209672  
Bar code on outerbox - EAN3 8711500209689  
Logistic code(s) - 12NC 928093709230  
ILCOS code MT-150/42/1A-H-E40  
Net weight per piece 0.135 kg

## 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)

## Dimensional drawing

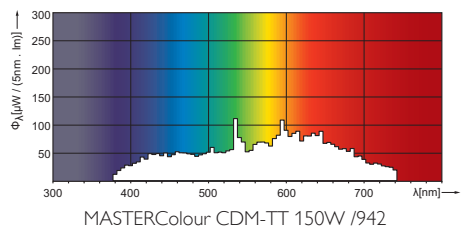


E40

## CDM-TT

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
CDM-TT 150W/942 E40	211	46	133	8

## Photometric data



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data subject to change