



MASTERColour CDM-TC Evolution

MASTERColour CDM-TC Evolution 20W/930 G8.5

Single-ended, highest-efficiency, longest-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

Product data

• General Characteristics

Cap-Base	G8.5
Bulb	T14 [T 14 mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]

• Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	87 (min), 90 (nom) Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux Lamp EL	2050 Lm
Luminous Efficacy Lamp EL	102 Lm/W
Chromaticity Coordinate X	0.435 -
Chromaticity Coordinate Y	0.396 -

• Electrical Characteristics

System Power EL	23.5 W
Lamp Wattage	20 W
Lamp Wattage EL	20 W
Lamp Voltage	105 V
Lamp Current EL	0.190 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	No

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	3.0 mg
Energy consumption kWh/1000h	22 kWh

• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.4 (max) - 8 (min) h500lx
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• Luminaire Design Requirements

Pinch Temperature	300 (max) C
Bulb Temperature	320 (max) C

• Product Dimensions

Overall Length C	85 (max) mm
Diameter D	15 (max) mm
Light Center Length L	51 (min), 52 (nom), 53 (max) mm
Arc Length O	3.6 mm
Overall Length C [inch]	3.346 (max) in
Diameter D [inch]	0.55 (max) in

• Product Data

Order code	928064805131
Full product code	928064805131
Full product name	MASTERColour CDM-TC Evolution 20W/930 G8.5
Order product name	MC CDM-TC Evolution 20W/930 G8.5

PHILIPS

MASTERColour CDM-TC Evolution

Pieces per pack 1
 Packing configuration 12
 Packs per outerbox 12
 Bar code on pack - EAN1 8718291659204
 Bar code on outerbox - EAN3 8718291659211

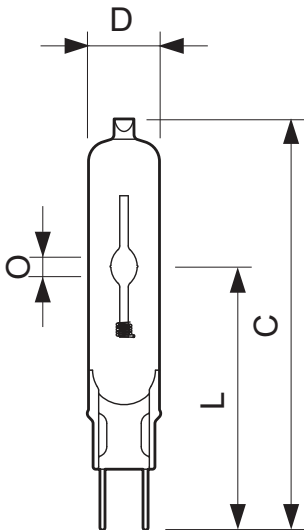
Logistic code(s) - 928064805131
 12NC
 ILCOS code MT/UB-20/930-H-G8.5-17/85
 Net weight per piece 0.009 kg

Warnings and Safety

- Use only in a totally enclosed luminaire, even during testing (IEC61167, IEC62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

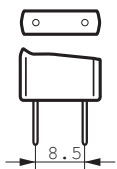
- CDM Evolution lamps are designed to comply with IEC standards
- The vast majority of drivers are fully compatible with CDM Evolution lamps. However, we are also aware that the use of CDM Evolution lamps in combination with certain type of drivers may cause undesired performance issues and for that reason we advise you to always perform a driver compatibility check to ensure proper operation.

Dimensional drawing



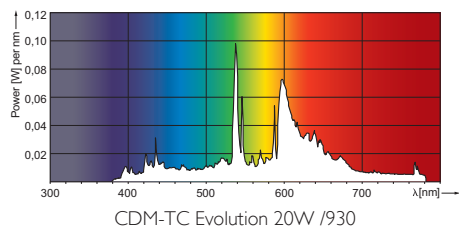
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Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDMTC Evol 20W/930 G8.5	85	15	51	52	53	3.6



G8.5

Photometric data



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www.philips.com/lighting

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data subject to change