



MASTERCcolour CDM-Tm Evolution Mini

MASTERCcolour CDM-Tm Evolution Mini 20W/930 GU6.5

Highest-efficiency, longest-life CDM-Tm Mini lamp producing crisp white sparkling light with high color rendering

Product data

• General Characteristics

Cap-Base	GU6.5 [GU6.5]
Bulb	T13.3
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 5% failures	15000 hr
Life to 10% failures	16000 hr
Life to 50% failures	20000 hr

• Light Technical Characteristics

Colour Code	930 [CCT of 3000K]
Colour Rendering Index	87 (min), 89 (nom) Ra8
Colour Designation	Warm white
Colour Temperature	3000 K
Colour Temperature Technical	3000 K
Lamp Luminous Flux EL	2050 Lm
Lamp Luminous Efficacy EL	102 Lm/W
Lumen Maintenance 1000h	95 %
Lumen Maintenance 2000h	92 %
Lumen Maintenance 4000h	89 %
Lumen Maintenance 8000h	85 %
Lumen Maintenance 12000h	82 %
Lumen Maintenance 15000h	80 %
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	20.0 W
Lamp Voltage	105 V
Lamp Current EL	0.190 A
Ignition Time	180 (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	2.9 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

Cap-Base Temperature	250 (max) C
Bulb Temperature	380 (max) C

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MASTERColour CDM-Tm Evolution Mini

• Product Dimensions

Overall Length C	56.7 (max) mm
Diameter D	13.3 (max) mm
Light Center Length L	29.7 (min), 30 (nom), 30.3 (max) mm
Arc Length O	3.6 mm
Light Center Length L [inch]	1.18 in
Overall Length C [inch]	2.05 (max) in
Diameter D [inch]	0.5 in

• Product Data

Order code	728634 00
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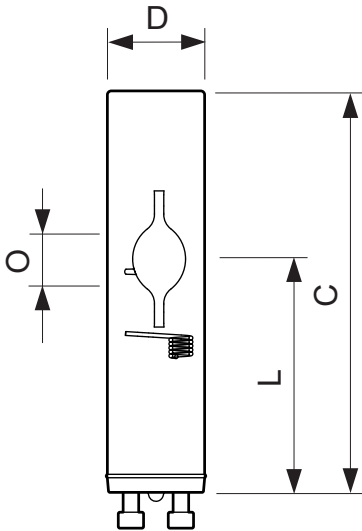
Full product code	871829172863400
Full product name	MASTERColour CDM-Tm Evolution Mini 20W/930 GU6.5
Order product name	CDM-Tm Evolution Mini 20W/930 GU6.5
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8718291728634
Bar code on outerbox - EAN3	8718291728641
Logistic code(s) - 12NC	928100105130
Net weight per piece	8.000 gr

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.

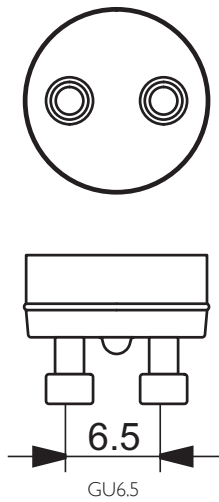
Dimensional drawing



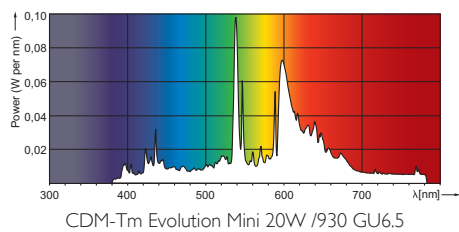
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Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Min)	O (Norm)	O (Max)
CDM-Tm Evo Mini 20W/930 GU6.5	56.7	13.3	29.7	30	30.3	-	3.6	-

Dimensional drawing



Photometric data



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2014, February 6
data subject to change