



MASTER SDW-TG Mini

MASTER SDW-TG Mini 50W/825 GX12-1 1CT

Range of high-efficiency, discharge lamps with warm color to be used in small, open luminaires designed around MASTERColour CDM-T lamps

Product data

• General Characteristics

System Description	-
Cap-Base	GX12-1
Bulb	T19 [T 19mm]
Bulb Material	-
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	7000 hr
Life to 20% failures	9000 hr
Life to 50% failures	10000 hr

• Electrical Characteristics

System Power EL	62 W
Lamp Wattage	50 W
Lamp Wattage EL	54 W
Lamp Voltage	85 V
Lamp Current EL	0.65 A
Ignition Time	60 (max) s
Run-up time 90%	2 (max) min
Re-ignition Time [min]	1.0 (max) min
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	5.7 mg
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• Light Technical Characteristics

Color Code	825 [CCT of 2500K]
Color Rendering Index	80 (min), 81 (nom) Ra8
Color Designation (text)	Golden White
Color Temperature	2500 K

Color Temperature Technical	2500 K
Chromaticity Coordinate X	468 -
Chromaticity Coordinate Y	408 -
Luminous Flux Lamp EL	2400 Lm
Luminous Efficacy Lamp EL	44 Lm/W
Lumen Maintenance 2000h	95 %
Lumen Maintenance 5000h	85 %
Lumen Maintenance 10000h	75 %

• Product Dimensions

Reference Length A	90 (max) mm
Overall Length C	103 (max) mm
Diameter D	20 (max) mm
Light Center Length L	56 mm
Arc Length O	14 mm

• Luminaire Design Requirements

Cap-Base Temperature	280 (max) C
Pinch Temperature	350 (max) C
Bulb Temperature	500 (max) C

• Product Data

Order code	928159905131
Full product code	928159905131

MASTER SDW-TG Mini

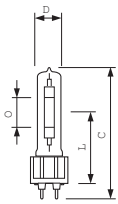
Full product name MASTER SDW-TG Mini 50W/825
GX12-1 1CT
Order product name MST SDW-TG Mini 50W/825
GX12-1 1CT/12
Pieces per pack 1
Packing configuration 12
Packs per outerbox 12
Bar code on pack - EAN1 8711500203236

Bar code on outerbox - EAN3 8711500203243
Logistic code(s) - 12NC 928159905131
ILCOS code STH-50/25/1B-GX12-1
Net weight per piece 33.670 gr

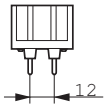
Warnings and Safety

- Use only with dedicated Philips control gear

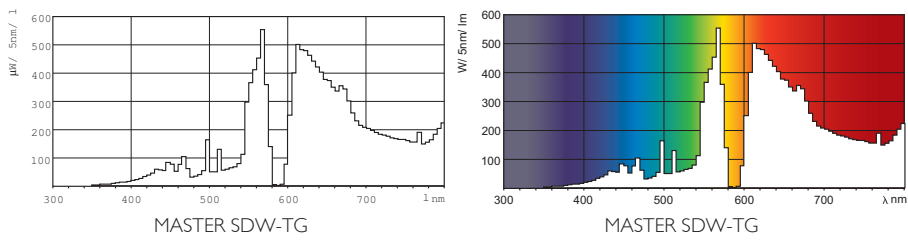
Dimensional drawing



Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
SDW-TG 50W/825 GX12-1	103	20	53.5	55	56.5	14.5



Photometric data



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data subject to change