



Mini White SON SDW-TG

Mini White SON SDW-TG 100W/825 T6 1CT

Philips White SON® High Pressure Sodium Lamps produce warm, incandescent-like color with exceptional brightness and color rendering properties.

Product data

• General Characteristics

System Description	-
Base	GX12-1
Bulb	T6 [Diameter: 6/8 inch /19mm]
Bulb Material	-
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Life to 5% failures	5000 hr
Life to 20% failures	8000 hr
RatedAvgLife(See Family Notes)	10000 hr

• Light Technical Characteristics

Color Code	825 [CCT of 2500K]
Color Rendering Index	80 (min), 83 (nom) Ra8
Color Designation	Golden White
Color Temperature	2500 K
Color Temperature technical	2500 K
Initial Lumens	4900 Lm
Luminous Efficacy	50 Lm/W
Lamp EL	
Lumen Maintenance 2000h	95 %
Lumen Maintenance 5000h	80 %
Lumen Maintenance 10000h	75 %
Chromaticity Coordinate X	469 -
Chromaticity Coordinate Y	406 -

• Electrical Characteristics

System Power EL	112 W
Watts	100 W
Lamp Wattage EL	99.0 W
25°C, Rated	
Lamp Wattage EL	100.0 W
25°C, Nominal	
Lamp Voltage	91 V
Lamp Current EL	1.1 A
Ignition Time	60 (max) s
Run-up time 90%	2 (max) min
Re-ignition Time [min]	1.5 (max) min
Dimmable	No

• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	13 mg
Energy consumption kWh/1000h	110 kWh

• Luminaire Design Requirements

Cap-Base Temperature	280 (max) °C
Pinch Temperature	350 (max) °C
Bulb Temperature	650 (max) °C

• Product Dimensions

Reference Length A	96 (max) mm
Overall Length C	110 (max) mm
Diameter D	20 (max) mm

PHILIPS

Mini White SON SDW-TG

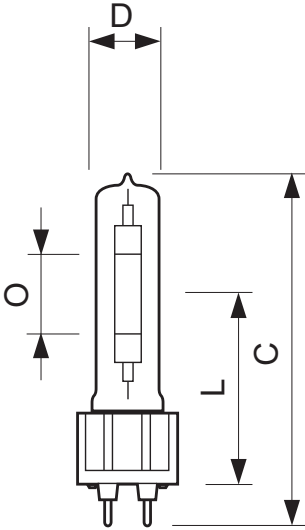
Light Center Length L	54.5 (min), 56 (nom), 57.5 (max) mm
Arc Length O	18 mm
Light Center Length L	4.2 in
Max Overall Length (MOL) - C	12.84375 (max) in
Diameter D	0.75 in

• [Product Data](#)

Product number	134254
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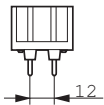
Full product name	Mini White SON SDW-TG 100W/825 T6 1CT
Short product name	SDW-TG 100W/T6/825 12PK
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677134259
Bar code on case	50046677134254
Logistics code(s)	928158905117
tpd_ilcos_cd	STH-100/25/1B-GX12-1
eop_net_weight_pp	0.030 kg

Dimensional drawing



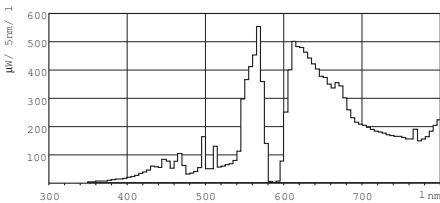
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Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
SDW-TG 100W/825 GX12-1	110	20	54.5	56	57.5	18

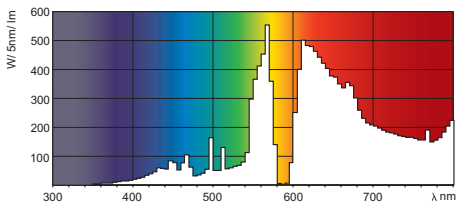


GX12-1

Photometric data



MASTER SDW-TG



MASTER SDW-TG



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2014, February 1
data subject to change