



MASTER TL Mini Super 80

MASTER TL Mini Super 80 8W/830 1FM

This TL Miniature lamp (tube diameter 16 mm) is a lamp with small dimensions, which enables system miniaturization and offers the possibility of operation on low-voltage DC supply. It is ideal for applications where better color rendering and efficacy (than standard colors) are required and where space is limited, e.g. halls, staircase lighting in apartment buildings, built into furniture, mirror and cupboard lighting, signage and emergency lighting.

Product data

• General Characteristics

Cap-Base	G5
Bulb	T5 [16 mm]
Life to 10% failures EM	5000 hr
Life to 10% fail Preheat EL,3h	5000 hr
Life to 10% fail Nonpreh EL,3h	3000 hr
Life to 50% failures EM	10000 hr
Life to 50% fail Preheat EL,3h	10000 hr
Life to 50% fail Nonpreh EL,3h	7000 hr

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux Lamp EM	470 Lm
Luminous Efficacy Lamp EM	59 Lm/W
Lumen Maintenance 2000h	85 %
Lumen Maintenance 5000h	77 %
Lumen Maintenance 10000h	71 %
Luminance Average EM	1.05 cd/cm ²

Chromaticity Coordinate X	440 -
Chromaticity Coordinate Y	403 -

• Electrical Characteristics

Lamp Wattage	8 W
Lamp Wattage EM	7.1 W
Lamp Voltage	56 V
Lamp Current EM	0.15 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	3.0 mg
Energy consumption kWh/1000h	8 kWh

• Product Dimensions

Base Face to Base Face A	288.3 (max) mm
Insertion Length B	293.0 (min), 295.4 (max) mm
Overall Length C	302.5 (max) mm
Diameter D	16 (max) mm

• Product Data

Order code	928001008350
Full product code	928001008350
Full product name	MASTER TL Mini Super 80 8W/830 1FM
Order product name	MST TL Mini 8W/830 1FM/10X25CC

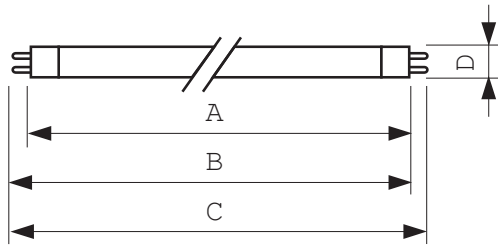
PHILIPS

MASTER TL Mini Super 80

Pieces per pack 1
 Packing configuration 10X25CC
 Packs per outerbox 250
 Bar code on pack - EAN1 8711500716385
 Bar code on intermediate packing - EAN2 8711500716392

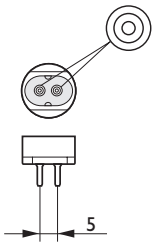
Bar code on outerbox - EAN3 8711500716408
 Logistic code(s) - 12NC 928001008350
 ILCOS code FD-8/30/1B-E-G5
 Net weight per piece 27.000 gr

Dimensional drawing



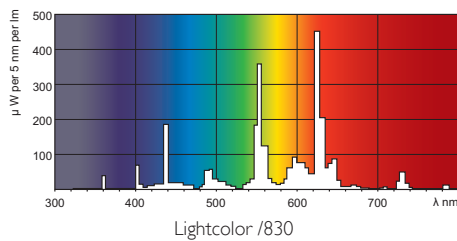
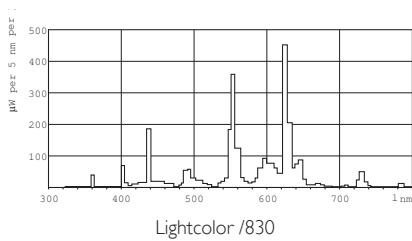
MASTER TL Mini Super 80 8W/830 1FM

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL 8W/830	288.3	293.0	295.4	302.5	16



G5

Photometric data



© 2014 Koninklijke Philips N.V. (Royal Philips)
 All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, October 31
 data subject to change