



# MASTER TL-D Reflex

MASTER TL-D Reflex 18W/840 1SL

The MASTER TL-D Reflex lamp directs most of the light to where you need it, thanks to an internal reflector. This results in having the same lighting level while using only half the number of lamps in the luminaire. It is therefore extremely suitable for use in luminaires with only a simple reflector or without any.

## Product data

### • General Characteristics

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Cap-Base Information	-
Bulb	T8 [26 mm]
Bulb Finish	Reflector
Life to 10% failures EM	12000 hr
Life to 10% fail Preheat EL,3h	17000 hr
Life to 10% fail Nonpreh EL,3h	10000 hr
Life to 50% failures EM	15000 hr
Life to 50% fail Preheat EL,3h	20000 hr
Life to 50% fail Nonpreh EL,3h	12000 hr
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	99 %
LSF EM 6000h Rated, 3h cycle	99 %
LSF EM 8000h Rated, 3h cycle	99 %
LSF EM 12000h Rated,3h cycle	89 %
LSF EM 16000h Rated,3h cycle	33 %
LSF EM 20000h Rated,3h cycle	2 %

Color Rendering Index	85 Ra8
Color Designation (text)	Cool White
Color Temperature	4000 K
Luminous Flux EM 25°C, Rated	1350 Lm
Luminous Flux EM 25°C, Nominal	1350 Lm
Lum Efficacy Rated EM 25°C	75.0 Lm/W
Luminance Average EM	1.75 cd/cm2
LLMF EM 2000h Rated	96 %
LLMF EM 4000h Rated	95 %
LLMF EM 6000h Rated	94 %
LLMF EM 8000h Rated	93 %
LLMF EM 12000h Rated	92 %
LLMF EM 16000h Rated	91 %
LLMF EM 20000h Rated	90 %
Design Temperature	25 C
Chromaticity Coordinate X	378 -
Chromaticity Coordinate Y	373 -

### • Light Technical Characteristics

Beam Description	FA160 [160° Window]
Color Code	840 [CCT of 4000K]

### • Electrical Characteristics

Lamp Wattage	18 W
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Lamp Wattage EM 25°C, Nominal	18.0 W
Lamp Wattage EM 25°C, Rated	18.0 W
Lamp Voltage EM 25°C	59 V
Lamp Current EM 25°C	0.360 A
Dimmable	Yes

## • Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	5.0 mg
Energy consumption kWh/1000h	22 kWh

## • Product Dimensions

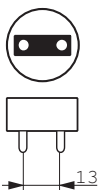
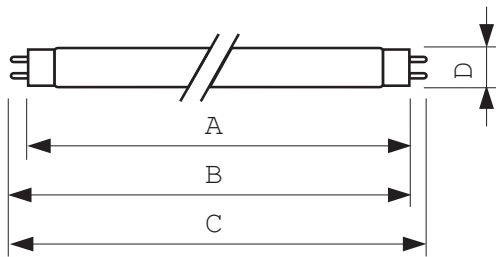
Base Face to Base Face A	589.8 (max) mm
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Insertion Length B	594.5 (min), 596.9 (max) mm
Overall Length C	604 (max) mm
Diameter D	28 (max) mm

## • Product Data

Order code	928048184079
Full product code	928048184079
Full product name	MASTER TL-D Reflex 18W/840 1SL
Order product name	MASTER TL-D Reflex 18W/840 1SL/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500636478
Bar code on outerbox - EAN3	8711500636485
Logistic code(s) - 12NC	928048184079
ILCOS code	FDR-18/40/1B-E-G13
Net weight per piece	68.900 gr

## Dimensional drawing

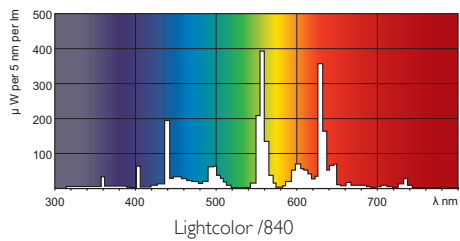
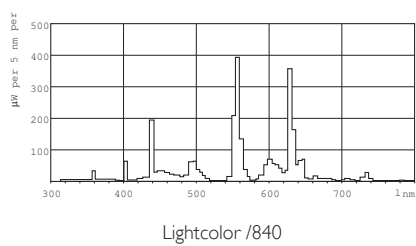


G13

## MASTER TL-D Reflex 18W/840 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D Reflex 18W/840	589.8	594.5	596.9	604	28

## Photometric data



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2014, April 10  
data subject to change