



MASTER TL-D Reflex

MASTER TL-D Reflex 36W/830 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	17000 hr
Preheat EL,3h	
Life to 10% fail	10000 hr
Nonpreh EL,3h	
Life to 50% failures EM	15000 hr
Life to 50% fail	20000 hr
Preheat EL,3h	
Life to 50% fail	12000 hr
Nonpreh EL,3h	
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 %

• Light Technical Characteristics

Beam Description	FA160 [160° Window]
Color Code	830 [CCT of 3000K]

Color Rendering Index	85 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux EM 25°C, Rated	3350 Lm
Luminous Flux EM 25°C, Nominal	3350 Lm
Lum Efficacy Rated EM 25°C	93.1 Lm/W
Luminance Average EM	2.19 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	435 -
Chromaticity Coordinate Y	400 -

• Electrical Characteristics

Lamp Wattage	36 W
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Lamp Wattage EM 25°C, Nominal	36.0 W
Lamp Wattage EM 25°C, Rated	36.0 W
Lamp Voltage EM 25°C	103 V
Lamp Current EM 25°C	0.440 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	5.0 mg
Energy consumption kWh/1000h	42 kWh

• Product Dimensions

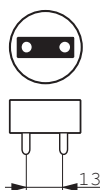
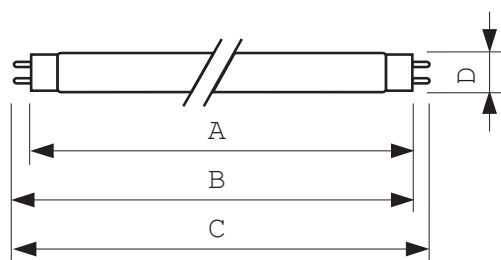
Base Face to Base Face A	1199.4 (max) mm
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Insertion Length B	1204.1 (min), 1206.5 (max) mm
Overall Length C	1213.6 (max) mm
Diameter D	28 (max) mm

• Product Data

Order code	928048408379
Full product code	928048408379
Full product name	MASTER TL-D Reflex 36W/830 1SL
Order product name	MASTER TL-D Reflex 36W/830 1SL
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500559494
Bar code on outerbox - EAN3	8711500559517
Logistic code(s) - 12NC	928048408379
ILCOS code	FDR-36/30/1B-E-G13
Net weight per piece	138.400 gr

Dimensional drawing

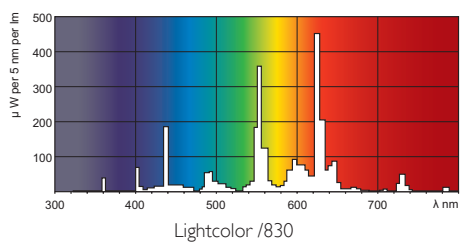
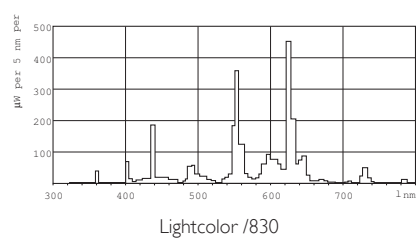


G13

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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D Reflex 36W/830	1199.4	1204.1	1206.5	1213.6	28

Photometric data



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data subject to change