

# MASTER TL-E Circular Super 80

MASTER TL-E Circular Super 80 40W/840 1CT



This circular TL lamp (tube diameter 29 mm) enables omni-directional light distribution. It is suitable for use in a wide range of luminaires for various purposes, including decorative ones, in 'human' applications such as schools, offices, shops and homes, and for lighting of residential areas.

## Product data

### • General Characteristics

Cap-Base	G10q
Bulb	C-T9 [C-T 29 mm]
Life to 50% failures	9000 hr
EM	
LSF EM 2000h Rated, 3h cycle	98 %
LSF EM 4000h Rated, 3h cycle	77 %
LSF EM 6000h Rated, 3h cycle	60 %
LSF EM 8000h Rated, 3h cycle	45 %

### • Light Technical Characteristics

Color Code	840 [CCT of 4000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Cool White
Color Temperature	4000 K
Luminous Flux EM 25°C, Rated	3200 Lm
Luminous Flux EM 25°C, Nominal	3200 Lm
Lum Efficacy Rated EM 25°C	80 Lm/W
Luminance Average EM	0.85 cd/cm <sup>2</sup>
LLMF EM 2000h Rated	90 %
LLMF EM 4000h Rated	87 %
LLMF EM 6000h Rated	85 %

LLMF EM 8000h Rated	84 %
Design Temperature	25 C
Chromaticity Coordinate X	381 -
Chromaticity Coordinate Y	379 -

### • Electrical Characteristics

Lamp Wattage	40 W
Lamp Wattage EM 25°C, Nominal	40 W
Lamp Wattage EM 25°C, Rated	40.0 W
Lamp Voltage EM 25°C	110 V
Lamp Current EM 25°C	0.420 A
Dimmable	Yes

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	8 mg
Energy consumption kWh/1000h	44 kWh

### • Product Dimensions

Diameter D	27.1 (min), 30.9 (max) mm
Overall Width E	393.7 (min), 406.4 (max) mm
Inner Width I	341.0 (min), 347.7 (max) mm

**PHILIPS**

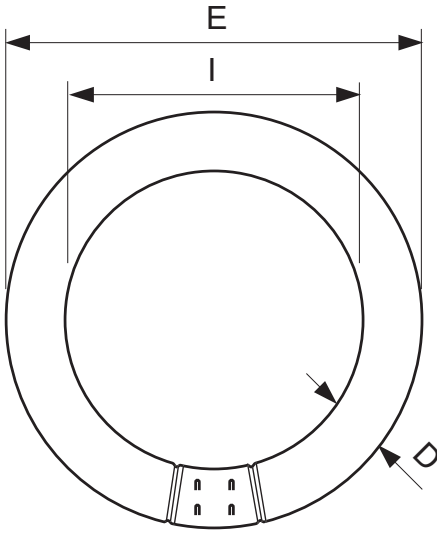
# MASTER TL-E Circular Super 80

## • Product Data

Order code 928027484070  
 Full product code 928027484070  
 Full product name MASTER TL-E Circular Super 80  
 40W/840 1CT  
 Order product name MASTER TL-E Circular 40W/840  
 1CT/12  
 Pieces per pack 1  
 Packing configuration 12

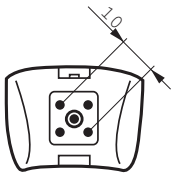
Packs per outerbox 12  
 Bar code on pack - EAN1 8711500284747  
 Bar code on outerbox - EAN3 8711500559555  
 Logistic code(s) - 12NC 928027484070  
 ILCOS code FSC-40/40/1B-E-G10q-29/400  
 Net weight per piece 0.250 kg

## Dimensional drawing



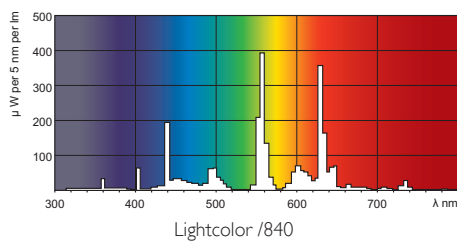
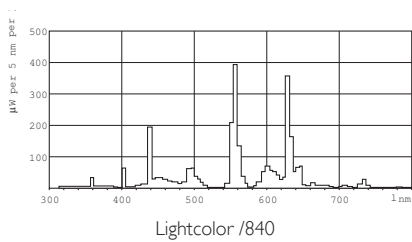
## MASTER TL-E Circular Super 80 40W/840 1CT

Product	D (Min)	D (Max)	E (Min)	E (Max)	I (Min)	I (Max)
TL-E 40W/840	27.1	30.9	393.7	406.4	341.0	347.7



G10q

## Photometric data





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data subject to change