

# TOLEDO SUPERIA T5 HE 5FT 2800LM 840

Item No: 0029511

**SYLVANIA**



60,000 hours average rated lifetime (L70 F50). Last 3 times longer than 35W 1449mm fluorescent tri-phosphor T5 lamp. High switching cycles – 200,000X. High lumen efficacy -151lm/W. Omni-directional light distribution and wide beam angle. Minimum and maximum operating temperature: -20°C to 50°C. Glass construction and polycarbonate end-caps. Not suitable for direct mains (AC 220-240V) or magnetic/ CCG ballast. Works only with compatible electronic ballasts. Ideal for factories, parking lots, supermarkets, department stores, schools and offices.

## Technical Assets

### Photometrics

#### General data

Product name	TOLEDO SUPERIA T5 HE 5FT 2800LM 840
Technology	LED
Watt (Rated) (W)	18.5
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740608
E-number SE	8293581
Warranty	5 years

#### Optical data

Useful luminous flux ( $\Phi_{use}$ )	2800
Luminous flux (lm)	2800
Luminous flux (Rated) (lm)	2800
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Beam Angle (°)	220
Lumen maintenance at end of nominal life (%)	70

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## Electrical data

Power consumption (W)	18.5
Wattage (W)	18.5
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	<2
Current (A)	0.24
Primary Supply/Product voltage - min (V)	70
Primary Supply/Product voltage - max (V)	120
Lamp power factor	0.92
No. Of switching cycles before premature failures	>200000
Dimmable	No
kWh per 1000 hours burning time	21

## Lifetime data

Average life (Nominal) (h)	60000
Average life (Rated) (h)	60000

## Physical data

Nominal Product Diameter (mm)	1449
Weight (kg)	0.174

## Packaging

Product EAN number	5410288295114
Packaging single length / height (cm)	146.5
Packaging single width (cm)	1.8
Packaging single depth (cm)	1.8
DUN14 (inner)	15410288295111
Units per outer package	10
Packaging outer length / height (cm)	152.0
Packaging outer width (cm)	15.5
Packaging outer depth (cm)	8.0

## Safety data

Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Suitable for household illumination	Yes
Safety message	Suitable for totally enclosed fixture