

ToLEDo Superia T5 ECG HO V3 5FT 5600LM 840

Item No: 0029271

SYLVANIA

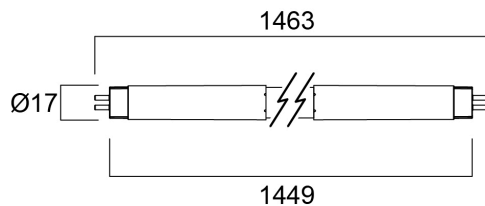


50,000 hours average rated lifetime. Last 2.5 times longer than 80W 1449mm fluorescent tri-phosphor T5 lamp. High switching cycles – 200,000X. High lumen efficacy. Omni-directional light distribution and wide beam angle. Minimum and maximum operating temperature: -20°C to 50°C. Glass construction and 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

Dimensions (mm)

Photometrics



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General data

Product name	ToLEDo Superia T5 ECG HO V3 5FT 5600LM 840
Technology	LED
Watt (Rated) (W)	37
Lamp shape	Tube, double-ended
Cap/Base	G5
Lamp finish	Opal
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+45°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC001959
E-number FI	4940793
Warranty	5 years

Optical data

Useful luminous flux (Φ_{use})	5600
Luminous flux (Rated) (lm)	5600
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	150
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

Electrical data

Power consumption (W)	37
Wattage (W)	37
Primary Supply/Product voltage - min (V)	90
Primary Supply/Product voltage - max (V)	90
Ignition voltage (V)	60
Control gear required	Yes
No. Of switching cycles before premature failures	>100000
Dimmable	No
Inrush Current (A)	34.5
Inrush Duration (μ s)	387
Lamp Energy Label (class)	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	22
Max. products per 20A C Breaker	28
Max. products per 10A B Breaker	23
Max. products per 13A B Breaker	30
Max. products per 16A B Breaker	37

Lifetime data

Lifespan L70 B50	50000
Average life (Nominal) (h)	50000
Average life (Rated) (h)	50000

Physical data

IP rating	IP20
Nominal Product Length (mm)	1462
Nominal Product Diameter (mm)	17
Weight (kg)	0.17

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Packaging

Product EAN number	5410288292717
Packaging single length / height (cm)	146.2
Packaging single width (cm)	1.8
Packaging single depth (cm)	1.8
DUN14 (inner)	15410288292714
Units per outer package	10
Packaging outer length / height (cm)	152.1
Packaging outer width (cm)	15.5
Packaging outer depth (cm)	7.8

Safety data

Optimal operating condition (°C)	-20-45
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Suitable for household illumination	Yes
Safety message	None