

ToLEDo Superia T5 ECG HE V3 5FT 2800LM 840

Item No: 0029267

SYLVANIA

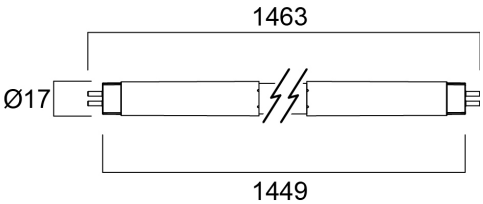


50,000 hours average rated lifetime. Last 2.5 times longer than 35W 1449mm fluorescent tri-phosphor T5 lamp. High switching cycles – 200,000X. High lumen efficacy. Omni-directional light distribution and wide beam angle. Minimum and maximum operating temperature: -20°C to 50°C. Glass construction and 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 HE V3 5FT 2800LM 840
Technology	LED
Watt (Rated) (W)	18
Lamp shape	Tube, double-ended
Cap/Base	G5
Lamp finish	Opal
Built in presence detector	NONE
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
Warranty	5 years

Optical data

Useful luminous flux (Φ_{use})	2800
Luminous flux (Rated) (lm)	2800
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)	18
Wattage (W)	18
Current (A)	215
Primary Supply/Product voltage - min (V)	150.0
Primary Supply/Product voltage - max (V)	150.0
Ignition voltage (V)	105
Control gear required	Yes
Control gear type	Electronic ballast
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Inrush Current (A)	12.6
Inrush Duration (μ s)	422
Lamp Energy Label (class)	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	48
Max. products per 20A C Breaker	60
Max. products per 10A B Breaker	48
Max. products per 13A B Breaker	65
Max. products per 16A B Breaker	80

Lifetime data

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

Physical data

Housing colour	White
IP rating	IP20
Nominal Product Length (mm)	1462
Nominal Product Diameter (mm)	17
Weight (kg)	0.16

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Packaging

Product EAN number	5410288292670
Packaging single length / height (cm)	146.0
Packaging single width (cm)	2.0
Packaging single depth (cm)	2.0
DUN14 (inner)	15410288292677
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

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