

ToLEDo Superia T5 ECG
ToLEDo Superia T5 ECG HE V3 5FT 2800LM 840
0029267



- Product features**
- 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



PRODUCT OVERVIEW

Product name	ToLEDo Superia T5 ECG HE V3 5FT 2800LM 840
Technology	LED
Watt (Rated) (W)	18
Lamp shape	Tube, double-ended
Type	LED exchangeable
Cap/Base	G5
Lamp finish	Opal
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC001959
Warranty	5 years
Luminous flux (lm)	2800
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	150
Photobiological Risk Group	RG0
Wattage (W)	18
Product Voltage (V)	150
Dimmable	No
Average life (Nominal) (h)	50000
Housing colour	White
IP rating	IP20
Product EAN number	5410288292670

DATA TABLE

General data	
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Technology	LED
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Type	LED exchangeable
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
ETIM Class	EC001959
Warranty	5 years

Optical data

Luminous flux (lm)	2800
Luminous flux (Rated) (lm)	2800
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

Wattage (W)	18
Product Voltage (V)	150
Ignition voltage (V)	105
Control gear required	Yes
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Inrush Current (A)	12.6
Inrush Duration (µs)	422
Lamp Energy Label (class)	D
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	48
Max. Luminaires per 20A C Breaker	60
Max. Luminaires per 10A B Breaker	48
Max. Luminaires per 13A B Breaker	65
Max. Luminaires per 16A B Breaker	80

Lifetime data

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

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Physical data

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

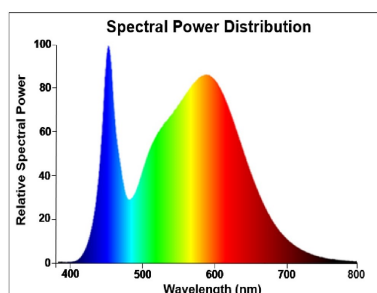
Packaging

Single packaging type	Carton
Product EAN number	5410288292670
Packaging single length / height (cm)	146.0
Packaging single width (cm)	2.0
Packaging single depth (cm)	2.0
DUN14 (outer)	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

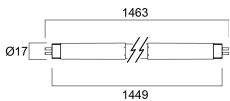
Optimal operating condition (°C)	-20-45
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	None

PHOTOMETRY

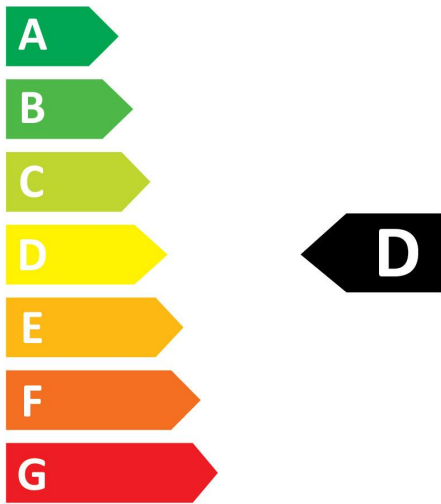


TECHNICAL DRAWINGS

ToLEDo Superia T5 ECG
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18
kWh/1000h



2019/2015

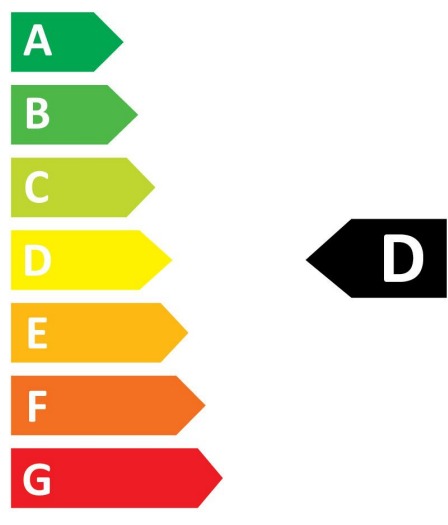
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ENERG

SYLVANIA

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18
kWh/1000h

