



Features

- 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

Product Overview

Product name	ToLEDo Superia T5 ECG HO V3 5FT 5600LM 840
Technology	LED
Watt (Rated) (W)	37
Lamp shape	Tube, double-ended
Type	LED exchangeable
Lamp finish	Opal
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC001959
E-number FI	4940793
Luminous flux (lm)	5600
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	150
Photobiological Risk Group	RG0
Wattage (W)	37
Product Voltage (V)	90

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Dimmable	No
Average life (Nominal) (h)	50000
IP rating	IP20
Product EAN number	5410288292717
Warranty	5 years

Technical drawings



Data table

GENERAL DATA

Product name	ToLEDo Superia T5 ECG HO V3 5FT 5600LM 840
Technology	LED
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Operating temperature range (°C)	-20°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4940793
Warranty	5 years

OPTICAL DATA

Luminous flux (lm)	5600
Luminous flux (Rated) (lm)	5600
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	150
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Wattage (W)	37
Product Voltage (V)	90
Ignition voltage (V)	60
Control gear required	Yes
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Inrush Current (A)	34.5
Inrush Duration (µs)	387
Lamp Energy Label (class)	D
Max. Luminaires per 16A C Breaker	22
Max. Luminaires per 20A C Breaker	28
Max. Luminaires per 10A B Breaker	23

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Max. Luminaires per 13A B Breaker	30
Max. Luminaires 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)	0.16

PACKAGING

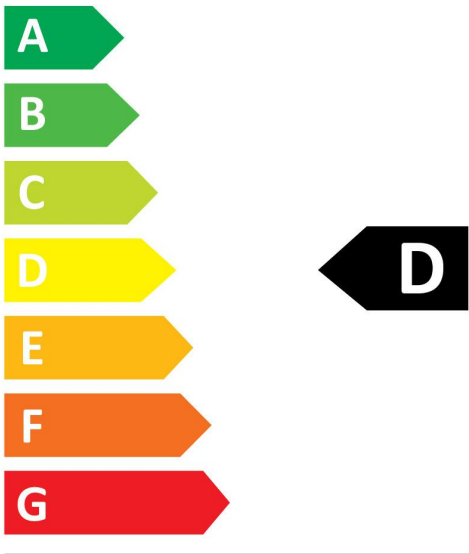
Single packaging type	Carton
Product EAN number	5410288292717
Packaging single length / height (cm)	146.0
Packaging single width (cm)	2.0
Packaging single depth (cm)	2.0
DUN14 (outer)	15410288292714
Units per outer package	10
Packaging outer length / height (cm)	152.0
Packaging outer width (cm)	15.5
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	No
Suitable for household illumination	Yes
Safety message	None

Energy label

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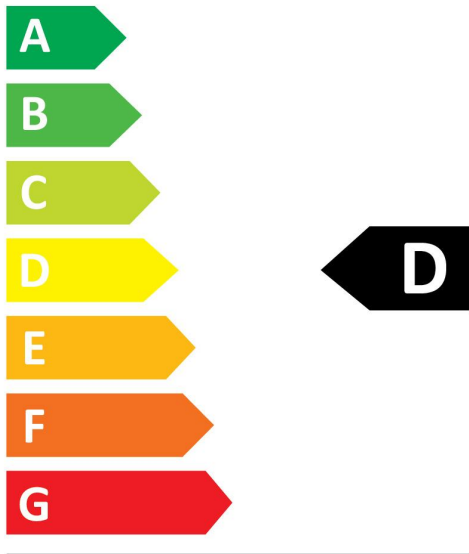


37
kWh/1000h



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37
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