



Features

- 50,000 hours average rated lifetime Last 2.5 times longer than 14W 549mm 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 2FT 1000LM 840
Technology	LED
Watt (Rated) (W)	7
Lamp shape	Tube, double-ended
Type	LED exchangeable
Cap/Base	G5
Lamp finish	Opal
Fixture rating	Open
General application	Office
ETIM Class	EC001959
Luminous flux (lm)	1100
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)	7
Product Voltage (V)	70
Dimmable	No

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Average life (Nominal) (h)	50000
Housing colour	White
IP rating	IP20
Product EAN number	5410288292618
Warranty	5 years

Technical drawings



Data table

GENERAL DATA

Product name	ToLEDo Superia T5 ECG HE V3 2FT 1000LM 840
Technology	LED
Watt (Rated) (W)	7
Lamp shape	Tube, double-ended
Type	LED exchangeable
Cap/Base	G5
Lamp finish	Opal
Fixture rating	Open
General application	Office
Operating temperature range (°C)	-20°C...+45°C

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Performance ambient temperature Tq (°C)	25
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ETIM Class	EC001959
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Warranty	5 years
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OPTICAL DATA

Luminous flux (lm)	1100
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Luminous flux (Rated) (lm)	1100
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Colour temperature (K)	4000
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Light colour	Cool White
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CRI (Ra)	80
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Colour Variation Initial (SDCM)	6
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Beam Angle (°)	150
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Photobiological Risk Group	RG0
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Lumen maintenance at end of nominal life (%)	70
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ELECTRICAL DATA

Wattage (W)	7
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Product Voltage (V)	70
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Ignition voltage (V)	40
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Control gear required	Yes
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No. Of switching cycles before premature failures	>100000
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Transformer required	No
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Dimmable	No
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Inrush Current (A)	26.4
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Inrush Duration (µs)	205
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Lamp Energy Label (class)	D
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Max. Luminaires per 16A C Breaker	84
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Max. Luminaires per 20A C Breaker	105
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Max. Luminaires per 10A B Breaker	88
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Max. Luminaires per 13A B Breaker	115
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Max. Luminaires per 16A B Breaker	140
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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)	562
Nominal Product Diameter (mm)	17
Weight (kg)	0.07

PACKAGING

Single packaging type	Carton
Product EAN number	5410288292618
Packaging single length / height (cm)	56.0
Packaging single width (cm)	2.0
Packaging single depth (cm)	2.0
DUN14 (outer)	15410288292615
Units per outer package	10
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	15.5
Packaging outer depth (cm)	8.0

SAFETY DATA

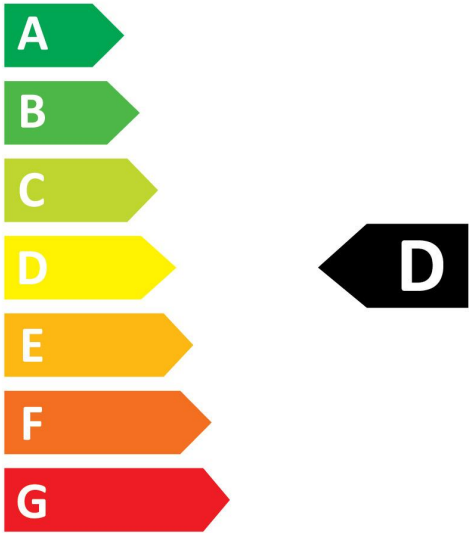
Optimal operating condition (°C)	-20-45
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	Yes
Safety message	Suitable for totally enclosed fixture

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Energy label



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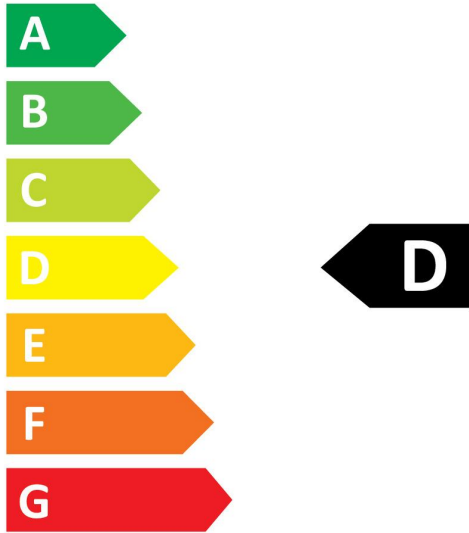
7
kWh/1000h



2019/2015



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7
kWh/1000h



2019/2015