



Features

- 50,000 hours average rated life Last 2.5 times longer than 1200mm 36W fluorescent T8 Tri-phosphor lamp
- High switching cycles – 200,000X
- High lumen efficacy - 150lm/W
- Omni-directional light distribution and wide beam angle
- Minimum and maximum operating temperature: -20°C to 50°C
- Glass construction and polycarbonate end-caps
- Works only with compatible electronic ballast
- Must replace the fluorescent starter with LED dummy starter when used with magnetic/ CCG ballast
- Suitable for direct mains operation (AC 220-240V) with single-end AC input
- Ideal for factories, parking lots, supermarkets, department stores, schools and offices

Product Overview

Product name	ToLEDo Superia T8 Universal V3 4FT 2400LM 840
Technology	LED
Watt (Rated) (W)	16
Lamp shape	Tube, double-ended
Lamp finish	Opal
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC001959
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	160
Photobiological Risk Group	RG0
Wattage (W)	16
Power consumption (W)	16
Dimmable	No

ToLEDo Superia T8 Universal V3 4FT 2400LM 840
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Average life (Nominal) (h)	50000
IP rating	IP20
Product EAN number	5410288292755
Warranty	5 years
Useful luminous flux (#use)	2400

Technical drawings



Data table

GENERAL DATA

Product name	ToLEDo Superia T8 Universal V3 4FT 2400LM 840
Technology	LED
Watt (Rated) (W)	16
Lamp shape	Tube, double-ended
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

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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

Useful luminous flux (#use)	2400
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Luminous flux (Rated) (lm)	2400
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Correlated 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 (°)	160
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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

Power consumption (W)	16
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Wattage (W)	16
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Primary Supply/Product voltage - min (V)	220
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Primary Supply/Product voltage - max (V)	240
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Lamp power factor	0.9
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Control gear required	No
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No. Of switching cycles before premature failures	>100000
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Dimmable	No
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Inrush Current (A)	5.3
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Inrush Duration (µs)	49
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Lamp Energy Label (class)	D
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Max. products per 16A C Breaker	52
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Max. products per 16A B Breaker	85
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LIFETIME DATA

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

PHYSICAL DATA

IP rating	IP20
Nominal Product Length (mm)	1213
Nominal Product Diameter (mm)	28
Weight (kg)	0.18

PACKAGING

Product EAN number	5410288292755
Packaging single length / height (cm)	121.0
Packaging single width (cm)	3.0
Packaging single depth (cm)	3.0
DUN14 (inner)	15410288292752
Units per outer package	10
Packaging outer length / height (cm)	120.7
Packaging outer width (cm)	21.0
Packaging outer depth (cm)	11.5

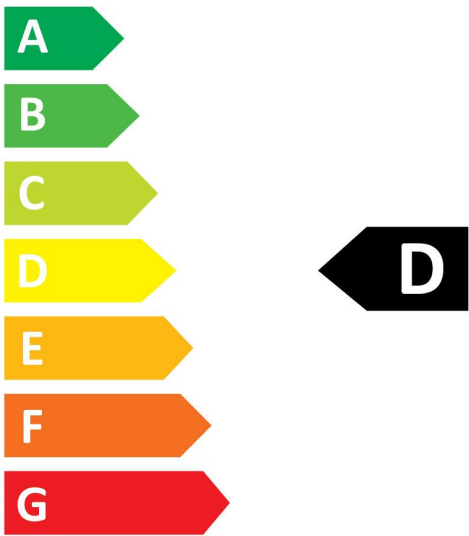
SAFETY DATA

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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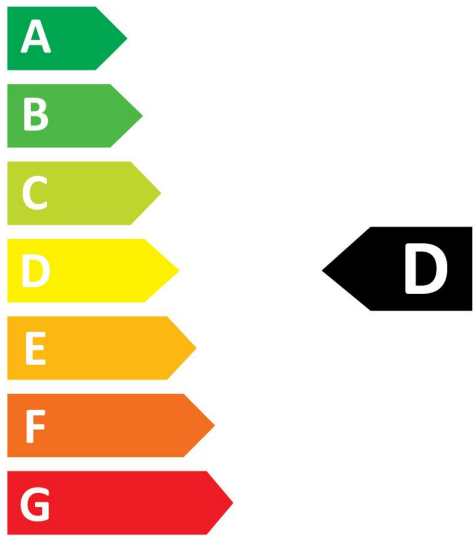
16 kWh/1000h



2019/2015



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16 kWh/1000h



2019/2015