



Features

- 50,000 hours average rated lifeLast 2.5 times longer than 600mm 18W fluorescent T8 Tri-phosphor lampHigh switching cycles – 200,000XHigh lumen efficacy - 147lm/WOmni-directional light distribution and wide beam angleMinimum and maximum operating temperature: -20°C to 50°CGlass construction and polycarbonate end-capsWorks only with compatible electronic ballastMust replace the fluorescent starter with LED dummy starter whenused with magnetic/ CCG ballastSuitable for direct mains operation (AC 220-240V) with single-end AC inputIdeal for factories, parking lots, supermarkets, department stores, schools and offices

Product Overview

Product name	ToLEDo Superia T8 Universal V3 2FT 1100LM 865
Technology	LED
Watt (Rated) (W)	7.5
Lamp shape	Tube, double-ended
Cap/Base	G13
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)	6500
Light colour	Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	160
Photobiological Risk Group	RG0
Wattage (W)	7.5
Power consumption (W)	7.5

ToLEDo Superia T8 Universal V3 2FT 1100LM 865
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Dimmable	No
Average life (Nominal) (h)	50000
Housing colour	White
IP rating	IP20
Product EAN number	5410288292748
Warranty	5 years
Useful luminous flux (#use)	1100

Technical drawings



Data table

GENERAL DATA

Product name	ToLEDo Superia T8 Universal V3 2FT 1100LM 865
Technology	LED
Watt (Rated) (W)	7.5
Lamp shape	Tube, double-ended
Cap/Base	G13
Lamp finish	Opal
Fixture rating	Open

ToLEDo Superia T8 Universal V3 2FT 1100LM 865 0029274

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

Useful luminous flux (#use)	1100
Luminous flux (Rated) (lm)	1100
Correlated colour temperature (k)	6500
Light colour	Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	160
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Power consumption (W)	7.5
Wattage (W)	7.5
Current (A)	0.048
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.8
Control gear required	No
No. Of switching cycles before premature failures	>100000
Dimmable	No
Inrush Current (A)	9.2
Inrush Duration (µs)	57

ToLEDo Superia T8 Universal V3 2FT 1100LM 865 0029274

Lamp Energy Label (class)	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	85
Max. products per 16A B Breaker	140

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)	603
Nominal Product Diameter (mm)	28
Weight (kg)	0.09

PACKAGING

Product EAN number	5410288292748
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.0
Packaging single depth (cm)	3.0
DUN14 (inner)	15410288292745
Units per outer package	10
Packaging outer length / height (cm)	60.7
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	Yes

ToLEDo Superia T8 Universal V3 2FT 1100LM 865
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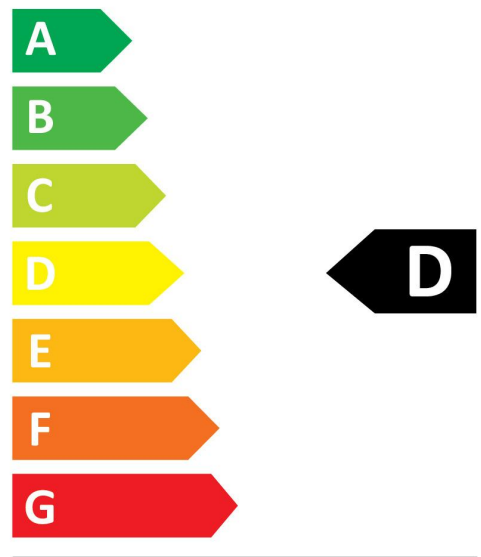
Suitable for household illumination	Yes
Safety message	None

Energy label

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kWh/1000h

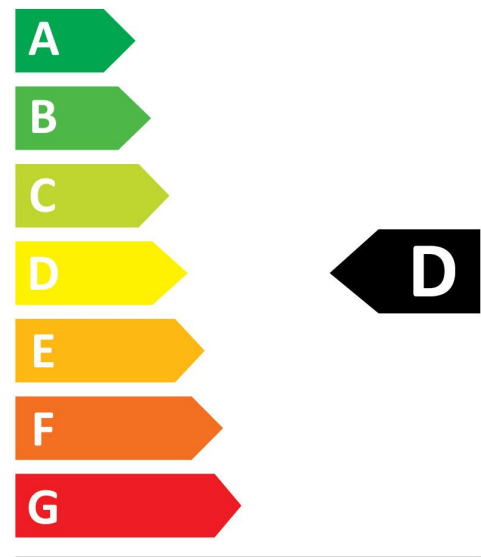


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