

# ToLEDo Superia T8 Universal V3 4FT 2400LM 865

Item No: 0029276



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

## Technical Assets

### Photometrics

#### General data

Product name	ToLEDo Superia T8 Universal V3 4FT 2400LM 865
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
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
Warranty	5 years

#### Optical data

Useful luminous flux (Φuse)	2400
Luminous flux (Rated) (lm)	2400
Correlated colour temperature (k)	6500
Light colour	Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	160
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

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## Electrical data

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

## 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)	1213
Nominal Product Diameter (mm)	28
Weight (kg)	0.18

## Packaging

Product EAN number	5410288292762
Packaging single length / height (cm)	121.0
Packaging single width (cm)	3.0
Packaging single depth (cm)	3.0
DUN14 (inner)	15410288292769
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
Suitable for household illumination	Yes
Safety message	None