



Features

- A range of high performance ToLEDo Superia T8 LED tubes with reminiscent look of fluorescent tubes.
- High performance glass construction design.
- High lumen output - 3000lm, with an impressive lumen efficacy of 150 lm/W.
- Omnidirectional light distribution (320°) and wide beam angle (220°).
- A++ energy rating and low power consumption.
- Average rated life of 50'000 hours (L70 F50).
- Lamp length - 1200mm
- High power factor 0.95
- 200,000 switching cycle.
- 5 years guarantee for complete peace of mind.
- Colour temperature -6500K
- Suitable for outdoor applications in weather proof luminaires
- Compatible with electromagnetic gear and also suitable for direct mains operation (220-240V)
- No bending or discoloration over time.
- No contactable metal parts, therefore no potential risk of electric shock.

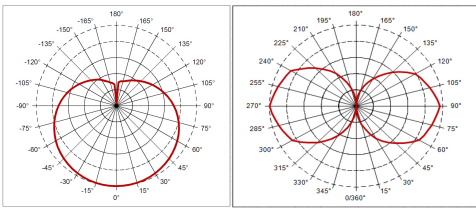
Product Overview

Product name	ToLEDo SUPERIA T8 V4 4FT 3000LM 20W 865
Technology	LED
Watt (Rated) (W)	20
Lamp shape	Tube, double-ended
Cap/Base	G13
Lamp finish	Frosted/Coated
General application	Hospitality, Logistics & Industry, Residential & Consumer
ETIM Class	EC001959
E-number FI	4740525
E-number SE	8292593
Correlated colour temperature (k)	6500
Light colour	Daylight
CRI (Ra)	80
Colour Consistency (SDCM)	6

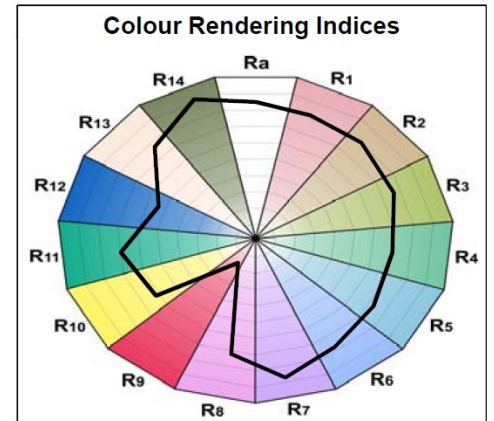
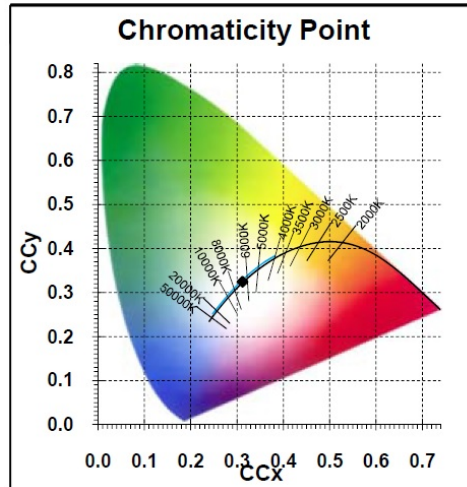
ToLED_o SUPERIA T8 V4 4FT 3000LM 20W 865 0027105

Wattage (W)	20
Power consumption (W)	20
Average life (Nominal) (h)	50000
Product EAN number	5410288271057
Warranty	5 years
Dimming method	N/A

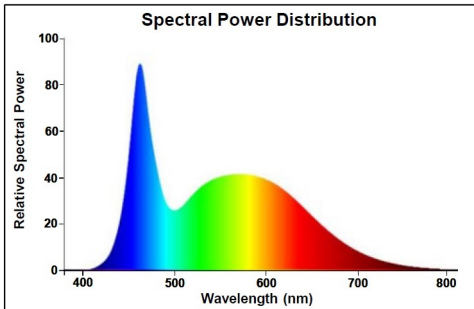
Photometry



Technical drawings



ToLEDo SUPERIA T8 V4 4FT 3000LM 20W 865 0027105



Data table

GENERAL DATA

Product name	ToLEDo SUPERIA T8 V4 4FT 3000LM 20W 865
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Warranty	5 years

OPTICAL DATA

Luminous flux (Rated) (lm)	3000
Correlated colour temperature (k)	6500
Light colour	Daylight
CRI (Ra)	80
Colour Consistency (SDCM)	6
Adjustable chromaticity	N
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Power consumption (W)	20
Wattage (W)	20
Starting time (max) (s)	0.05
Warm-up time to 60% of full light (max) (s)	< 1s => 60%
Primary Supply/Product voltage - min (V)	45
Primary Supply/Product voltage - max (V)	100
Lamp power factor	0.95
Control gear required	No
No. Of switching cycles before premature failures	>200000
Dimming method	N/A
Drive current (mA)	90
kWh per 1000 hours burning time	20

LIFETIME DATA

Average life (Nominal) (h)	50000
Average life (Rated) (h)	50000

PHYSICAL DATA

Nominal Product Diameter (mm)	1500
Max. Length base to base (mm) - A	1499
Length base to pin Min-Max (mm) - B	1513
Max. Lamp Diameter (mm) - D	28
Weight (kg)	0.23

PACKAGING

Product EAN number	5410288271057
Packaging single length / height (cm)	128.0
Packaging single width (cm)	4.6
Packaging single depth (cm)	4.6
DUN14 (inner)	05410288271057

ToLEDo SUPERIA T8 V4 4FT 3000LM 20W 865
0027105

Units per outer package	10
Packaging outer length / height (cm)	130.5
Packaging outer width (cm)	25.9
Packaging outer depth (cm)	12.2

SAFETY DATA

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