

## ToLEDo Superia Tubes

*ToLEDo Superia Tube 2Ft 11W 1200LM 840*

**0027021**



### Range features

- Retrofit for T8 luminaires, easy plug and play solution for magnetic ballasts
- Made in Germany to the highest quality standards
- High colour rendering (CRI 80+)
- High power factor 0.95
- Highly robust, click together construction -
- Available in three colour temperatures (3000K-4000K-6500K)
- Instant light, allows better utilisation of lighting control and even greater energy saving
- 100° rotating end cap allows light to be directed
- Locking system prevents tubes from rotating, even in high vibration areas
- 130° beam angle on frosted lamps
- Low temperature operation, not impacted by the cold (-30C to +50C)
- Average rated life 40.000 hours
- Suitable for use in Sylproof Superia IP65
- Also available in clear finish (4ft and 5ft)



### PRODUCT OVERVIEW

Ordering number	0027021
Technology	LED
Light colour	840 Cool White
Energy class	A+
Average life (Rated) (h)	40000
Lamp shape	Linear
Lamp finish	Frosted
Dimmable	No
Cap/Base	G13
Type	ToLEDo Superia Tube T8
EAN code	5410288270210
CRI (Ra)	85
Beam angle(°)	120
Colour temperature (K)	4000
Luminous flux (Rated) (lm)	1200
Efficacy (Rated) (lm/w)	109.1
Watt (Nominal) (W)	11
Voltage (V)	100-240

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## DATA TABLE

### General data

Technology	LED
Ordering number	0027021
Energy saving lamp	Yes
Average life (Rated) (h)	40000
Average life (Nominal) (h)	40000
Energy class	A+
Lamp shape	Linear
Lamp finish	Frosted
Dimmable	No
Cap/Base	G13
Type	ToLEDo Superia Tube T8
EAN code	5410288270210
E-number FI	4740080
E-number SE	8359467
Notes	The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation

### Long description

Retrofit for T8 luminaires, easy plug and play solution for magnetic ballasts. Made in Germany to the highest quality standards. High colour rendering (CRI 80+). High power factor 0.95. Highly robust, click together construction -. Available in three colour temperatures (3000K-4000K-6500K). Instant light, allows better utilisation of lighting control and even greater energy saving. 100° rotating end cap allows light to be directed. Locking system prevents tubes from rotating, even in high vibration areas. 130° beam angle on frosted lamps. Low temperature operation, not impacted by the cold (-30C to +50C). Average rated life 40.000 hours. Suitable for use in Sylproof Superia IP65. Also available in clear finish (4ft and 5ft)

Product name	ToLEDo Superia Tube 2Ft 11W 1200LM 840
Lamp mercury content (mg)	0
Starting time (max) (s)	0.05
Warm-up time to 60% of full light (max) (s)	< 1s => 60%
Control gear required	No
Intended purpose	General lighting
No. of switching cycles before premature failure (min)	100000
Special purpose lamp	No
Transformer required	No
Sales pack quantity	6
Optimal operating condition (°C)	25

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## Optical data

Light colour	840 Cool White
CRI (Ra)	85
Beam angle (Rated) (°)	120
Suitable for accent lighting	No
Beam angle(°)	120
Colour Consistency	6
Colour temperature (K)	4000
Luminous flux (Nominal) (lm)	1200
Luminous flux (Rated) (lm)	1200
Lumen maintenance at end of nominal life (%)	0.7
Adjustable chromaticity	No

## Electrical data

kWh per 1000 hours burning time	11
Efficacy (Rated) (lm/w)	109.1
Watt (Rated) (W)	11
Watt (Nominal) (W)	11
Voltage (V)	100-240
Current (A)	0.052
Lamp power factor	0.95

## Physical data

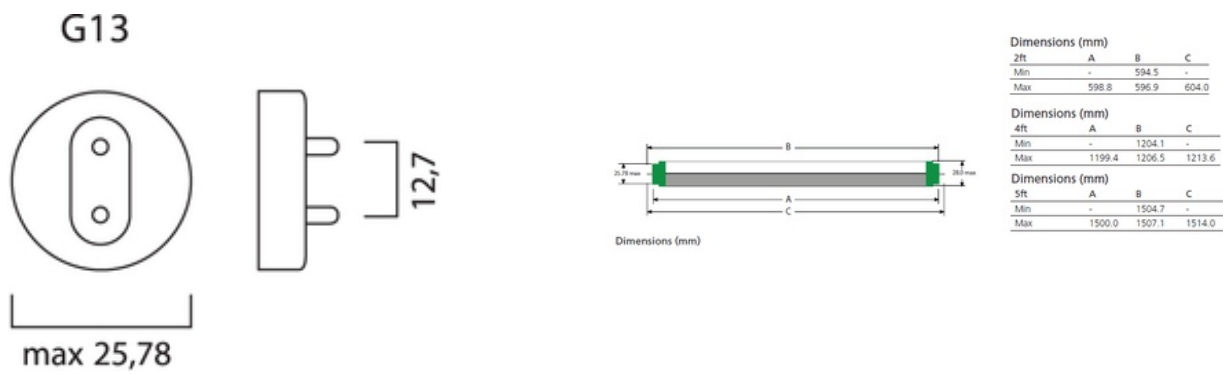
Weight (kg)	0.20
Lamp Length (mm) - C/L	600
Max. Lamp Diameter (mm) - D	28
Lamp dimension equal to filament lamp equivalent	Yes
Designed for optimum use in non standard conditions	No
Fluorescent lamp replacement	Yes
Single packaging type	Box/Sleeve
Single package dimensions (L x W x H) (cm)	66.00 x 3.00 x 3.00
Outer package dimensions (L x W x H) (cm)	68.00 x 10.00 x 6.00

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TECHNICAL DRAWINGS



ENERGY LABEL

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