

TOLEDO SUPERIA T8 ECG 4FT 2200LM 830

Item No: 0027081

SYLVANIA



- 50,000 hours average rated life (L70 F50) • Last 2.5 times longer than 1200mm 36W fluorescent T8 Tri-phosphor lamp • High switching cycles – 200,000X • High lumen efficacy - 142lm/W • Omni-directional light distribution and wide beam angle • Minimum and maximum operating temperature: -20°C to 55°C • Glass construction and polycarbonate end-caps • Not suitable for direct mains (AC 220-240V) or CCG/magnetic ballast • Works only with compatible electronic ballast. • Ideal for factories, parking lots, supermarkets, department stores, schools and offices.

Technical Assets

Photometrics

General data

Product name	TOLEDO SUPERIA T8 ECG 4FT 2200LM 830
Technology	LED
Watt (Rated) (W)	15.5
General application	Office, Retail, Hospitality, Logistics & Industry, Education, Residential & Consumer, Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740535
Warranty	5 years

Optical data

Useful luminous flux (Φ_{use})	2200
Luminous flux (lm)	2200
Luminous flux (Rated) (lm)	2200
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Beam Angle (°)	220
Lumen maintenance at end of nominal life (%)	70

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Electrical data

Power consumption (W)	15.5
Wattage (W)	15.5
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	<2
Primary Supply/Product voltage - min (V)	45
Primary Supply/Product voltage - max (V)	100
Lamp power factor	0.88
No. Of switching cycles before premature failures	>200000
kWh per 1000 hours burning time	18

Lifetime data

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

Physical data

Nominal Product Diameter (mm)	1200
Weight (kg)	0.254

Packaging

Product EAN number	5410288270814
Packaging single length / height (cm)	122.0
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.9
DUN14 (inner)	15410288270811
Units per outer package	10
Packaging outer length / height (cm)	127.5
Packaging outer width (cm)	21.3
Packaging outer depth (cm)	11.5

Safety data

Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Suitable for household illumination	Yes
Safety message	Suitable for totally enclosed fixture