

# ToLEDo Superia T5 AC V2 5FT 2800LM 840

Item No: 0029258

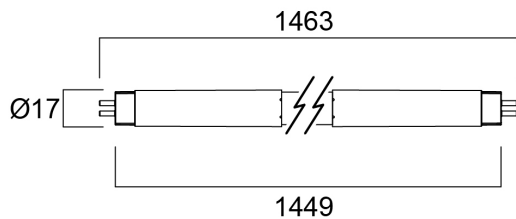
**SYLVANIA**



50,000 hours average rated lifetime Last 2.5 times longer than 35W 1449mm fluorescent tri-phosphor T5 lamp High switching cycles - 200,000X Omni-directional light distribution and wide beam angle Minimum and maximum operating temperature: -20°C to 50°C Glass construction and polycarbonate end-caps Only suitable for direct mains (AC 220-240V) operation Ideal for factories, parking lots, supermarkets, department stores, schools and offices Not suitable for operation with electronic/ECG or magnetic/CCG ballasts

## Technical Assets

### Dimensions (mm)



### Photometrics

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## General data

Product name	ToLEDo Superia T5 AC V2 5FT 2800LM 840
Technology	LED
Watt (Rated) (W)	18.5
Lamp shape	Tube, double-ended
Cap/Base	G5
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
E-number FI	4940790
Warranty	5 years

## Optical data

Useful luminous flux ( $\Phi_{use}$ )	2800
Luminous flux (lm)	2800
Luminous flux (Rated) (lm)	2800
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	150
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

## Electrical data

Power consumption (W)	18.5
Wattage (W)	18.5
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)	28.7
Inrush Duration ( $\mu$ s)	3
Lamp Energy Label (class)	D
Max. products per 16A C Breaker	97
Max. products per 20A C Breaker	120
Max. products per 10A B Breaker	60
Max. products per 13A B Breaker	79
Max. products per 16A B Breaker	97

## 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)	1462
Nominal Product Diameter (mm)	17
Weight (kg)	0.17

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## Packaging

Product EAN number	5410288292588
Packaging single length / height (cm)	146.2
Packaging single width (cm)	1.8
Packaging single depth (cm)	1.8
DUN14 (inner)	15410288292585
Units per outer package	10
Packaging outer length / height (cm)	152.1
Packaging outer width (cm)	15.5
Packaging outer depth (cm)	7.8

## Safety data

Optimal operating condition (°C)	-20-45
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Suitable for household illumination	Yes
Safety message	Suitable for totally enclosed fixture