



Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

#### Light Technical

Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	114.8936170212766 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Wide beam
Optical cover type	Acrylic bowl/cover clear
Luminaire light beam spread	33°
Unified glare rating CEN	Not applicable

#### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.25 ms
Power Consumption	23.5 W
Power Factor (Fraction)	0.95
Connection	-
Cable	-
Number of products on MCB of 16 A type B	34

#### Temperature

Ambient temperature range	0 to +35 °C
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#### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

#### Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated

Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	Polyamide
Housing Color	White
Optical cover finish	Clear
Overall length	230 mm
Overall width	112 mm
Overall height	194 mm
Dimensions (Height x Width x Depth)	194 x 112 x 230 mm

#### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

#### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

#### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

#### Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

#### Product Data

Order product name	ST440T LED27S/830 PSU WB WH
Full product name	ST440T LED27S/830 PSU WB WH
Full product code	871869625926900
Order code	910500456857
Material Nr. (12NC)	910500456857
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696259269
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696259269

## Dimensional drawing

