



Luminous Efficacy (rated) (Nom)	133.3333333333334 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	-
Luminaire light beam spread	34°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14.5 A
Inrush time	0.22 ms
Power Consumption	22.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	32

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit, DC compatible for central emergency lighting
Constant light output	No

Mechanical and Housing

Housing Material	Metal–Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover finish	Clear

Overall length	258 mm
Overall width	89 mm
Overall height	179 mm
Dimensions (Height x Width x Depth)	179 x 89 x 258 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	(0.38, 0.38) 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	Yes

Product Data

Order product name	ST740T LED27S/840 PSU WB WH
Full product name	ST740T LED27S/840 PSU WB WH
Full product code	871869684842500
Order code	910500457365
Material Nr. (12NC)	910500457365
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696848425
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696848425

Dimensional drawing



