



# StyliD

## ST740S LED27S/830 PSU MB WH

StyliD Comp. Maxos fusion, 830 warm white, Power supply unit (On/Off), Medium beam, White

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, StyliD is the ideal energy-efficient solution for today's demanding retail environments, covering a variety of lighting applications, with including CrispWhite for fashion stores and Food recipes for supermarkets.

### Product data

General Information		Warranty period	
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	Unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	EU RoHS compliant	Yes
Light Technical			
Product family code	ST740S [StyliD Comp. Maxos fusion]	Luminous Flux	2,700 lm
Lighting Technology	LED	Correlated Colour Temperature	3000 K
CE mark	Yes	Luminous efficacy (rated) (nom.)	120 lm/W
		Colour rendering index (CRI)	≥80
		Beam angle of light source	120 degree(s)
		Light source colour	830 warm white

Optic type	Medium beam
Luminaire light beam spread	30°
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	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	34

#### Temperature

Ambient temperature range	+10 to +40 °C
---------------------------	---------------

#### Controls and Dimming

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

#### Mechanical and Housing

Housing material	Metal-Plastic
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Clear
Overall length	172 mm
Overall width	84 mm
Overall height	184 mm

Dimensions (height x width x depth)	184 x 84 x 172 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 50,000 h	5 %
Lumen maintenance at median useful life* L80 50,000 h	

#### Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

#### Product Data

Order product name	ST740S LED27S/830 PSU MB WH
Full product name	ST740S LED27S/830 PSU MB WH
Full EOC	871869917811600
Order code	17811600
Material no. (12 NC)	910500465021
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699178116
Numerator – packs per outer box	1
EAN/UPC – Case	8718699178116

## Dimensional drawing



