



# StyliD

## ST740S LED27S/PW930 PSD-VLC VWB BK

StyliD Comp. Maxos fusion, Premium white with CRI  $\geq 90$ , Power supply unit with DALI interface, Very wide beam, Black

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			
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 5 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
Product family code	ST740S [StyliD Comp. Maxos fusion]	Light Technical	
Lighting Technology	LED	Luminous Flux	2,700 lm
CE mark	Yes	Correlated Colour Temperature	3000 K
Warranty period	5 years	Luminous efficacy (rated) (nom.)	105.88235294117646 lm/W
		Colour rendering index (CRI)	$\geq 90$
		Beam angle of light source	120 degree(s)
		Light source colour	Premium white with CRI $\geq 90$
		Optic type	Very wide beam
		Luminaire light beam spread	54°

Unified Glare Rating (CEN)	Not applicable
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	25.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24
<b>Temperature</b>	
Ambient temperature range	+10 to +40 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
<b>Mechanical and Housing</b>	
Housing material	Metal-Plastic
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	Black
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

<b>Approval and Application</b>	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.42, 0.38) SDCM <3
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
<b>Product Data</b>	
Order product name	ST740S LED27S/PW930 PSD-VLC VWB BK
Full product name	ST740S LED27S/PW930 PSD-VLC VWB BK
Full EOC	871869917814700
Order code	17814700
Material no. (12 NC)	910500465024
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699178147
Numerator – packs per outer box	1
EAN/UPC - Case	8718699178147

## Dimensional drawing



