



StyliD

ST740S LED19S/FMT PSD-VLC WB BK

StyllD Comp. Maxos fusion, Fresh meat, Power supply unit with DALI interface, 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. StyliD family features full passive cooling for the complete range that allows faster payback in the Performance size as well.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Product family code	ST740S [StylID Comp. Maxos fusion]
Lighting Technology	LED
CE mark	Yes

Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	70.37037037037037 lm/W
Color rendering index (CRI)	≥85
Beam angle of light source	120 degree(s)
Light source color	Fresh meat

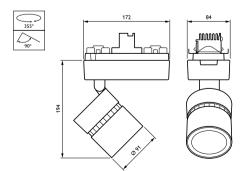
Datasheet, 2023, September 4 data subject to change

StyliD

Optic type Luminaire light beam spread 34° Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 20.4 A Inrush time 0.195 ms Power Consumption 27 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface Ontrol interface DALI Constant light output No Mechanical and Housing Housing Material Polycarbonate aluminum coated Optic material Optic material Optical cover material Fixation material - Housing Color Black Optical cover finish Clear Overall length Overall length Overall length Overall length Overall length United Samma 34° Not applicable 220 to 240 V 240 24 84 mm Overall height 184 mm		
Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 20.4 A Inrush time 0.195 ms Power Consumption 27 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall width 84 mm	Optic type	Wide beam
Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 20.4 A Inrush time 0.195 ms Power Consumption 27 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Luminaire light beam spread	34°
Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 20.4 A Inrush time 0.195 ms Power Consumption 27 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Metal-Plastic Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polycarbonate Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Unified glare rating CEN	Not applicable
Line Frequency 50 to 60 Hz Inrush current 20.4 A Inrush time 0.195 ms Power Consumption 27 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall width 84 mm	Operating and Electrical	
Inrush current 20.4 A Inrush time 0.195 ms Power Consumption 27 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Input Voltage	220 to 240 V
Inrush time 0.195 ms Power Consumption 27 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Oyerall length 172 mm Overall width 84 mm	Line Frequency	50 to 60 Hz
Power Consumption 27 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Metal—Plastic Reflector material Polycarbonate aluminum coated Optic material Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Inrush current	20.4 A
Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Inrush time	0.195 ms
Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Power Consumption	27 W
Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Metal-Plastic Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Connection	Push-in connector and pull relief
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Cable	-
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Number of products on MCB of 16 A type	24
Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	В	
Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm		
Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Temperature	
Dimmable Priver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material Housing Color Black Optical cover finish Clear Overall length No Power supply unit with DALI interface No No No Metal—Plastic Polycarbonate Polycarbonate Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length No 84 mm	Ambient temperature range	+10 to +40 °C
Dimmable Priver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material Housing Color Black Optical cover finish Clear Overall length No Power supply unit with DALI interface No No No Metal—Plastic Polycarbonate Polycarbonate Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length No 84 mm		
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Polycarbonate Polymethyl methacrylate Fixation material Housing Color Black Optical cover finish Clear Overall length Overall width Power supply unit with DALI interface DALI No No Metal—Plastic Polycarbonate aluminum coated Polycarbonate Polymethyl methacrylate Fixation material - Clear Overall length 172 mm	Controls and Dimming	
Control interface DALI 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 Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Dimmable	Yes
Mechanical and Housing Housing Material Metal—Plastic Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Driver/power unit/transformer	Power supply unit with DALI interface
Mechanical and Housing Housing Material Metal—Plastic Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Control interface	DALI
Housing Material Metal—Plastic Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Constant light output	No
Housing Material Metal—Plastic Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Mechanical and Housing	
Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Housing Material	Metal-Plastic
Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm		Polycarbonate aluminum coated
Fixation material - Housing Color Black Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Optic material	
Housing Color Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Optical cover material	Polymethyl methacrylate
Optical cover finish Clear Overall length 172 mm Overall width 84 mm	Fixation material	-
Overall length 172 mm Overall width 84 mm	Housing Color	Black
Overall width 84 mm	Optical cover finish	Clear
Overall width 84 mm	Overall length	172 mm
Overall height 184 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	(0.40, 0.33) SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	ST740S LED19S/FMT PSD-VLC WB BK
Full product name	ST740S LED19S/FMT PSD-VLC WB BK
Full product code	871869917804800
Order code	910500465014
Material Nr. (12NC)	910500465014
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699178048
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699178048

Dimensional drawing



StyliD



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.