



# **StyliD**

## ST740C LED39S/830 PSU WB WH

STYLID COMPACT G3 SURFACE, LED Module, system flux 3900 lm, 830 warm white, Power supply unit, DC-compatible for central emergency lighting, Wide 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	
Lamp family code	LED39S [LED Module, system flux 3900 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
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.
Product family code	ST740C [STYLID COMPACT G3 SURFACE]
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	3,900 lm

## **StyliD**

Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	123.80952380952381 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	830 warm 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	31.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A	32
type B	

+10 to +40 °C

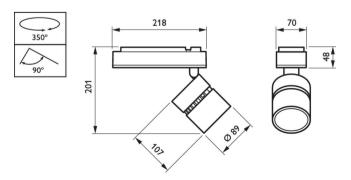
#### Temperature

Ambient temperature range

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	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Polyamide
Housing Colour	White
Optical cover/lens finish	Clear

Overall width89 mmOverall height179 mmDimensions (height x width x depth)179 x 89 x 218 mmApproval and ApplicationIP20 [Finger-protected]Ingress protection codeIP20 [Cinger-protected]Mech. impact protection codeIK02 [0.2 J standard]Protection class IECSafety class IIInitial Performance (IEC Compliant)Initial chromaticityLuminous flux tolerance+/-10%Power consumption tolerance+/-10%Over Time Performance (IEC Compliant)Control gear failure rate at median5 %useful life 50,000 hIt80Lumen maintenance at median usefulL80Life' 50,000 hIt80Performance at median usefulL80Life' 50,000 hIt80Performance at median usefulL80Lumen maintenance at median usefulL80Life' 50,000 hIt80Performance ambient temperature Tq25 °CSuitable for random switchingYesProduct DataST740C LED39S/830 PSU WB WHFull product nameST740C LED39S/830 PSU WB WH		
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Dimensions (height x width x depth) 179 x 89 x 218 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 5 % useful life 50,000 h Lumen maintenance at median useful L80 Life* 50,000 h  Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes  Product Data Order product name ST740C LED39S/830 PSU WB WH Full product name ST740C LED39S/830 PS	Overall width	89 mm
Approval and Application         Ingress protection code       IP20 [Finger-protected]         Mech. impact protection code       IKO2 [0.2 J standard]         Protection class IEC       Safety class II         Initial Performance (IEC Compliant)       Initial Performance (IEC Compliant)         Luminous flux tolerance       +/-10%         Initial chromaticity       (0.43, 0.40) SDCM <3	Overall height	179 mm
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Mech. impact protection code       IK02 [0.2 J standard]         Protection class IEC       Safety class II         Initial Performance (IEC Compliant)       Initial chromaticity         Luminous flux tolerance       +/-10%         Initial chromaticity       (0.43, 0.40) SDCM <3	Approval and Application	
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Power consumption tolerance       +/-10%         Over Time Performance (IEC Compliant)         Control gear failure rate at median       5 %         useful life 50,000 h         Lumen maintenance at median useful       L80         life* 50,000 h         Application Conditions         Performance ambient temperature Tq       25 °C         Suitable for random switching       Yes         Product Data       Yes         Order product name       ST740C LED39S/830 PSU WB WH         Full product name       ST740C LED39S/830 PSU WB WH         Full EOC       871869684847000         Order code       84847000         Material no. (12 NC)       910500457370         SAP numerator – quantity per pack       1         EAN/UPC – Product/Case       8718696848470         Numerator – packs per outer box       1	Luminous flux tolerance	+/-10%
Over Time Performance (IEC Compliant)         Control gear failure rate at median       5 %         useful life 50,000 h       Lumen maintenance at median useful       L80         Lumen maintenance at median useful       L80         Application Conditions       Performance ambient temperature Tq       25 °C         Suitable for random switching       Yes         Product Data       Yes         Order product name       ST740C LED395/830 PSU WB WH         Full product name       ST740C LED395/830 PSU WB WH         Full product name       ST7400 LED395/830 PSU WB WH         Full EOC       8/1869684847000         Order code       84847000         Material no. (12 NC)       910500457370         SAP numerator – quantity per pack       1         EAN/UPC – Product/Case       8718696848470         Numerator – packs per outer box       1	Initial chromaticity	(0.43, 0.40) SDCM <3
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Application Conditions         Performance ambient temperature Tq       25 °C         Suitable for random switching       Yes         Product Data       Yes         Order product name       ST740C LED39S/830 PSU WB WH         Full product name       ST740C LED39S/830 PSU WB WH         Full product name       ST740C LED39S/830 PSU WB WH         Full EOC       871869684847000         Order code       84847000         Material no. (12 NC)       910500457370         SAP numerator – quantity per pack       1         EAN/UPC — Product/Case       8718696848470         Numerator – packs per outer box       1	Lumen maintenance at median useful	L80
Performance ambient temperature Tq       25 °C         Suitable for random switching       Yes         Product Data       Ves         Order product name       ST740C LED39S/830 PSU WB WH         Full product name       ST740C LED39S/830 PSU WB WH         Full EOC       871869684847000         Order code       84847000         Material no. (12 NC)       910500457370         SAP numerator – quantity per pack       1         EAN/UPC — Product/Case       8718696848470         Numerator – packs per outer box       1	life* 50,000 h	
Suitable for random switching       Yes         Product Data       Yes         Order product name       ST740C LED39S/830 PSU WB WH         Full product name       ST740C LED39S/830 PSU WB WH         Full EOC       871869684847000         Order code       84847000         Material no. (12 NC)       910500457370         SAP numerator – quantity per pack       1         EAN/UPC – Product/Case       8718696848470         Numerator – packs per outer box       1	Application Conditions	
Product Data         Order product name       ST740C LED395/830 PSU WB WH         Full product name       ST740C LED395/830 PSU WB WH         Full product name       ST740C LED395/830 PSU WB WH         Full EOC       871869684847000         Order code       84847000         Material no. (12 NC)       910500457370         SAP numerator – quantity per pack       1         EAN/UPC – Product/Case       8718696848470         Numerator – packs per outer box       1	Performance ambient temperature Tq	25 ℃
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Full EOC         871869684847000           Order code         84847000           Material no. (12 NC)         910500457370           SAP numerator – quantity per pack         1           EAN/UPC – Product/Case         8718696848470           Numerator – packs per outer box         1	Order product name	ST740C LED39S/830 PSU WB WH
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	EAN/UPC — Product/Case	8718696848470
EAN/UPC - Case 8718696848470	Numerator – packs per outer box	1
	EAN/UPC - Case	8718696848470

## Dimensional drawing



## **StyliD**



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