PHILIPS

SP146P LED30S/940 PSU CL

911401779862



School Lighting SP145/146, 90 lm/W, 940 neutral white

School lighting portfolio focus on lighting needs of Students and teachers. It comes in 2 CCTs and in Separate variants for Blackboard and Classroom. It follows all local and global lighting norms to provide comfortable light to Students and teachers.

General Information

Driver included	Yes
Light source engine type	LED
Value ladder	Value

Light Technical

Luminous Flux	3,240 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>90
Light source color	940 neutral white
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	36 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Number of products on MCB of 16 A type B	-
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Control interface	-

Mechanical and Housing

Housing Material	Composite materials
Optical cover material	Polycarbonate
Housing Color	Aluminum
Optical cover finish	Ribbed
Overall length	1,195 mm
Overall width	260 mm
Overall height	93.6 mm
Dimensions (Height x Width x Depth)	94 x 260 x 1195 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Polycarbonate
Net Weight (Piece)	2.599 kg

Approval and Application

CE mark	No
Ambient temperature range	-15 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

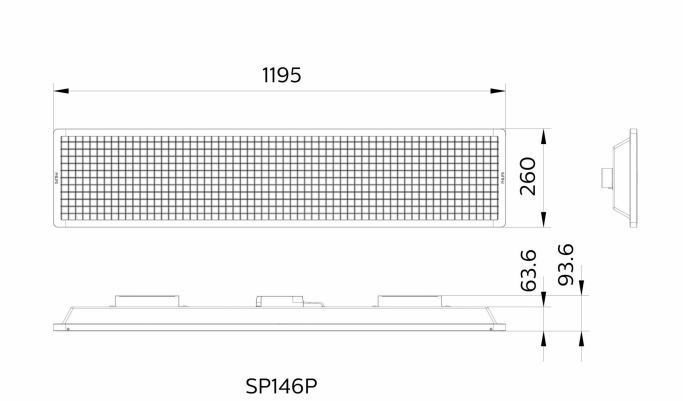
Application Conditions

Lumen Maintenance	50000hrs

Product Data

Order product name	SP146P LED30S/940 PSU CL
Full product name	SP146P LED30S/940 PSU CL
Full product code	692382863981599
Order code	911401779862
Material Nr. (12NC)	911401779862
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828639815
Numerator - Packs per outer box	3
EAN/UPC - Case	6923828639815

Dimensional drawing



SP146P

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	SP146P_INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	SP146P-LED30S-940-PSU-CL.ies	Download

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. 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.