



Solar Indoor System

SIS-30 Solar Indoor System

Solar indoor system for communities without access to electricity or with unreliable power supply. By harnessing the abundant energy from the sun, these systems deliver free and clean power to multiple lamps and appliances enhancing the lifestyles of remote communities.

Product data

General Information	
Driver included	Yes
Remarks	Solar Panel to be ordered seperately
Light source engine type	LED
Warranty period	2 years
Light Technical	
Luminous Efficacy (rated) (Nom)	120 lm/W
Luminaire light beam spread	180°
Operating and Electrical	
Input Voltage	15-18 DC V
Line Frequency	0 Hz
Battery type	Lithium Ferro Phosphate
Battery ampere hour	10 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel voltage	17 Vmp V
Panel peak wattage	30 W
Charge controller type	MPPT
Charge controller wattage	18 W
Cable connection kit	Excluded

Temperature	
Ambient temperature range	0 to +45 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Color	Silver
Overall length	285 mm
Overall width	210 mm
Overall height	86 mm
Dimensions (Height x Width x Depth)	86 x 210 x 285 mm
Material	Composite
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)
Application Conditions	
Ambient temperature range for charging	0 °C to +45 °C

Datasheet, 2023, April 30 data subject to change

Solar Indoor System

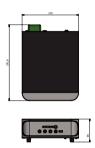
Ambient temperature range for discharging (when -20 °C to +35 °C		
light is on)		
Solar dimming profile	High [Medium]	
Grid connection type	Off grid	
Battery location	Integrated	
Product Data		

SIS-30 Solar Indoor System

Full product name	SIS-30 Solar Indoor System
ruit product name	313-30 30tal illuool system
Order code	919515812941
Material Nr. (12NC)	919515812941
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

Order product name





© 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.