PHILIPS

Lighting

Smartbright CCT/ Wattage Tunable batten

BN125C LED SWT/SCCT L600 PSU AU

20 W, Power supply unit (On/Off), Beam angle 120°, Polycarbonate Diffuser, 120°

The new Philips tri-colour batten offers exceptional value. It is Perfect for your everyday lighting installations. Available in 2 standard sizes, it has option of 3 CCT selection and 2 Wattage selection to provide flexibility to customer.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	-
Warranty period	5 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	No

Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 5000 6500 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	White
Optic type	Beam angle 120°
Optical cover type	Polycarbonate Diffuser
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	3.8 A
Inrush time	0.2 ms

Smartbright CCT/Wattage Tunable batten

Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type B	34

Temperature

Ambient temperature range	-20 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	600 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (Height x Width x Depth)	65 x 65 x 600 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	0.382;0.3778
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.006 %
Median useful life L70B50	74,000 hour(s)
Median useful life L80B50	46,000 hour(s)
Median useful life L90B50	22,000 hour(s)

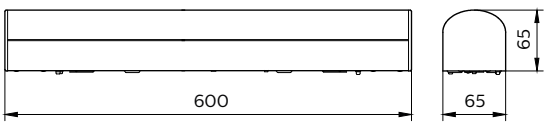
Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	BN125C LED SWT/SCCT L600 PSU AU
Full product name	BN125C LED SWT/SCCT L600 PSU AU
Full product code	871016334436299
Order code	911401822080
Material Nr. (12NC)	911401822080
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163344362
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163344393

Dimensional drawing



Smartbright CCT/Wattage Tunable batten

© 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.

www.lighting.philips.com
2023, August 2 - data subject to change