Smartbright CCT/ Wattage Tunable Waterproof Bulkhead

WL020C LED SWT/SCCT AU

Power supply unit – Beam angle 120° – Polycarbonate diffuser – 120°

The new Smartbright Tri Colour Waterproof Bulkhead provides flexibility to the customer to choose from 3 CCT and 2 wattage options before installation, based on their specific needs

Product data

General Information

Beam angle of light source	120 °
Lamp colour code	White
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	120 [Beam angle 120°]
Optical cover/lens type	Polycarbonate diffuser
Luminaire light beam spread	120°
Control interface	–
Connection	CU3 [Connection unit 3-pole]
Cable	–
Protection class IEC	Safety class II (II)
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]

Flammability mark	NO [–]
CE mark	–
ENEC mark	–
Warranty period	5 years
Constant light output	No
Number of products on MCB (16 A type B)	26
EU RoHS compliant	No
LED engine type	LED

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	5 A

data subject to change

Smartbright CCT/Wattage Tunable Waterproof Bulkhead

Inrush time	0.42 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing material	Polycarbonate
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	–
Optical cover/lens finish	Opal
Overall height	77 mm
Overall diameter	241 mm
Colour	White

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux	1600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Lamp colour temperature	4000 5000 6500 K
Colour Rendering Index	>80

Initial chromaticity	0.3818;0.3797
Initial input power	16 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Median useful life L70B50	56000 h
Median useful life L80B50	34000 h
Median useful life L90B50	16000 h

Application Conditions

Ambient temperature range	–20 to +40 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871016334438699
Order product name	WL020C LED SWT/SCCT AU
EAN/UPC – product	8710163344386
Order code	911401822280
Local code	WL020CLSWTSCCT
Numerator – quantity per pack	1
SAP numerator – packs per outer box	5
Material no. (12 NC)	911401822280
SAP net weight (piece)	0.580 kg

IP 65 IK 08
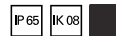
Dimensional drawing

241   77
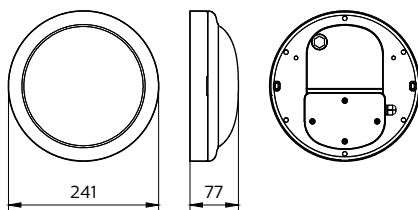
WT188C/WL020C

Smartbright CCT/Wattage Tunable Waterproof Bulkhead

www.lighting.philips.com