



Subra Cube 5 Series

LED Bulkhead



Subra Cube 5

The Subra Cube 5 LED Bulkhead delivers outstanding durability, versatility, and efficiency, ideal for commercial, industrial, and outdoor environments.

Constructed from 94V-0 Ultri-UV flame-retardant polycarbonate with a transparent, impact-resistant (IK08) cover, it offers excellent resistance to impact, UV degradation, and fire hazards. A silicone-sealed, screw-fixed housing achieves IP65 protection, ensuring reliable performance against dust and water ingress.

Powered by high-performance Lumileds SMD LEDs with efficacy up to 140 lm/W and a 100,000-hour lifespan, the Subra Cube 5 provides bright, uniform illumination with a 120° beam angle, reducing maintenance and energy costs. The Quick-Wire connection system simplifies installation for contractors.

Optional features:

Dimmable + Daylight 5.8 GHz Microwave Motion Sensor

Emergency power module: 2 W output, 3-hour duration





High efficiency and energy saving



The Subra Cube 5 LED bulkhead is engineered for high efficiency and energy savings, achieving up to an impressive 140 lumens per watt. Its advanced LED technology reduces energy consumption while maintaining optimal brightness, making it an ideal solution for cost-effective, eco-friendly lighting in industrial and commercial spaces.

Fast and simple installation

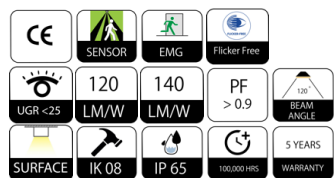
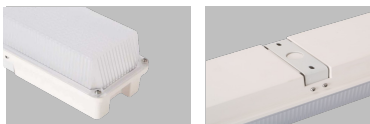


The Quick-Wire connection system allows rapid, tool-efficient wiring, minimizing installation time and labour costs, especially valuable for large-scale projects or retrofits.

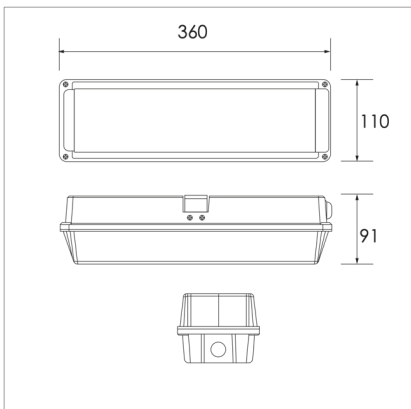
Flame-Retardant and UV-Stable Materials



Manufactured from 94V-0 Uliti-UV polycarbonate, the housing provides superior fire safety and long-term material stability. The UV-resistant formulation prevents yellowing, embrittlement, and surface degradation, maintaining a clean appearance and optical clarity even under prolonged outdoor exposure.



MODEL	Subra Cube 5
WATTAGE	12W 18W 24W
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	120°
MATERIAL	White
DRIVER	Polycarbonate Constant current remote LED driver included
APPLICATION	Student accomodation, Parking garages, Basements, Workshops, Stairwells etc Corridors, stairwells, and escape routes Tunnels, subways, and parking facilities Industrial and warehouse environments Public buildings, stations, and service areas



Model	Watts	LxDxH(mm)	Overall(mm)	Lumen(lm/w)
	12W			
BHQ5	18W	360(L)x110(W) X91(H)	—	125
	24W			

OPTICAL DATA

Light Source	SMD 2835 Lumileds
Correlated Colour Temperature (CCT)	3000K ~ 6500K
Colour Rendering Index (CRI)	>80 standard;
SDCM	<3
Beam Angle	120° (standard)
UGR	<25

PERFORMANCE

System Wattage	12W 18W 24W
Luminous Flux(±10%)	1500 2250 3000
Luminaire Efficacy	125lm/W standard (140lm/W optional)

OPERATING CONDITIONS

Operating Temperature (Ta)	-20° to +50°C
Mounting Options	Surface Wall or Ceiling

HOUSING & FINISH

Housing Material	94V0, Uliti-UV Flame-retardent Polycarbonate
Seals	Age-resistant silicone seals
Optic Material	Polycarbonate
Housing Finish	94V0, Uliti-UV Flame-retardent Polycarbonate
Finish Colour	White
Weight (Kg)	0.92kg
IP Rating	IP65
IK Rating	IK08

PHOTOMETRIC DATA

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC100-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V
Sensor	Microwave Motion Sensor, DIP switch with 5.8G Hz Microwave sensor MC004-S02
Emergency	Integrated 2W 3hours maintained,
Power Supply Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	65A
Driver Lifetime	> 100,000hrs
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

TECHNICAL DATA

Certifications	ENEC/CB/SAATUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

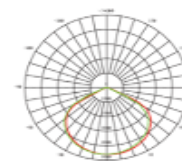
LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	> 100,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	50,000hrs

ORDERING INFORMATION

Example: BHQ5-R-18-40-W-S-E

Model	Shape	Wattage	CCT	Colour	Sensor	Emergency
BHQ5	O	15W	40	B	S	E
BHQ5	R Rectangle	12W 18W 24W	30 3000K 40 4000K 50 5000K 57 5700K	W White	N No sensor S Sensor	S Standard E Emergency



120°



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