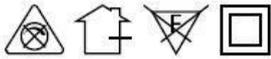


BULKHEAD 10W

Bulkhead with pressure die cast aluminium housing and acrylic diffuser (IP65 protection).
Outdoor Luminaire

Product Code:

LBLK02X010XC / LBLK02X010XN / LBLK02X010XW
10W – 900 lm - 6500K - Ra>80 – Beam Angle 110°



Technical Specifications

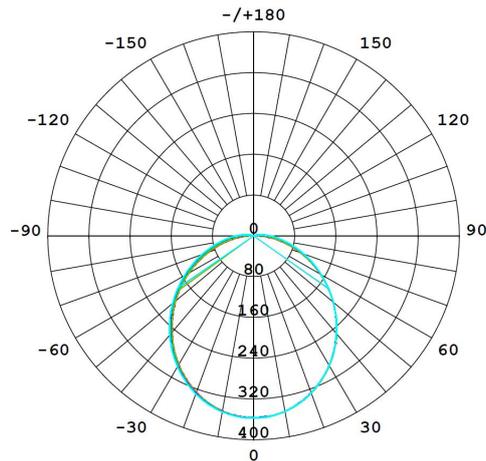
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220-240 V/AC, 50Hz
Rated Input Wattage	10W ± 10%
Rated Input Current	0.045 Amp (Nominal)
Power Factor	≥0.95
ATHD	<15%
Rated Luminous Flux	900 lm / 850 lm / 810 lm (tolerance as per BIS)
Rated Luminaire Efficacy	90 lm/W / 85 lm/W / 80 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>80 Ra
Beam Angle	110° (within the permissible limits)
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs. (Ta=25°C @L70)
Housing	Die Cast Aluminum with Powder Coating
Cover	PC Diffuser
Mounting	Surface / Wall Mounting

Protections

Over Voltage Protection	Withstand upto 440VAC for 12 hrs.
Surge Protection	4KV Inbuilt Driver
Protection Class	Class II
Ingress Protection (IP Rating)	IP65
Impact Protection (IK Rating)	IK07
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

Light Distribution

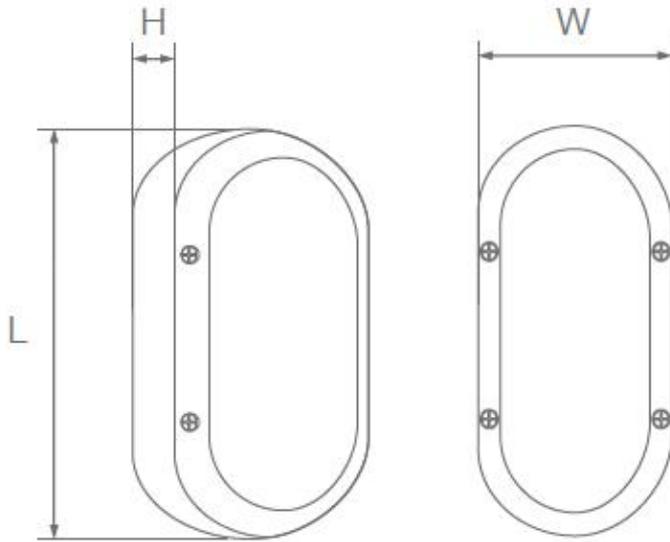


UGR Rating

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.3	17.8	16.6	18.1	18.3	16.4	17.9	16.7	18.1	18.4
3H	17.9	19.3	18.3	19.6	19.9	18.1	19.5	18.4	19.8	20.1
4H	18.6	20.0	19.0	20.2	20.6	18.9	20.3	19.3	20.6	20.9
6H	19.2	20.5	19.6	20.8	21.1	19.7	21.0	20.1	21.3	21.6
8H	19.4	20.7	19.8	21.0	21.3	20.2	21.4	20.5	21.7	22.0
12H	19.7	20.8	20.0	21.2	21.5	20.6	21.8	21.0	22.1	22.5
4H 2H	17.0	18.3	17.3	18.6	18.9	17.0	18.4	17.4	18.6	18.9
3H	18.8	19.9	19.2	20.3	20.6	18.9	20.1	19.3	20.5	20.8
4H	19.6	20.7	20.0	21.0	21.4	19.9	21.0	20.3	21.4	21.8
6H	20.3	21.3	20.8	21.7	22.1	20.9	21.9	21.4	22.3	22.7
8H	20.7	21.6	21.1	22.0	22.4	21.4	22.3	21.9	22.7	23.2
12H	21.0	21.8	21.4	22.2	22.7	22.0	22.8	22.4	23.2	23.7
8H 4H	20.0	20.9	20.4	21.3	21.7	20.3	21.2	20.7	21.6	22.0
6H	21.0	21.7	21.4	22.2	22.6	21.5	22.3	22.0	22.7	23.2
8H	21.4	22.1	21.9	22.6	23.1	22.2	22.8	22.7	23.3	23.8
12H	21.9	22.5	22.4	22.9	23.5	22.9	23.5	23.4	24.0	24.5
12H 4H	20.1	20.9	20.5	21.3	21.8	20.3	21.1	20.8	21.6	22.0
6H	21.1	21.8	21.6	22.3	22.8	21.6	22.3	22.1	22.8	23.3
8H	21.7	22.2	22.2	22.7	23.3	22.4	23.0	22.9	23.4	24.0
Variations with the observer position at spacings (CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

Product Dimensions (LxWxH)

216 mm x 132 mm x 58 mm (Tol.± 5 mm)



Applications

Surface / Wall Lighting, Indoor / Outdoor Lighting, Industrial / Campus Lighting