BLACK & BLUE LIGHTING

JAR™ Series

LED Hazardous Location Lighting

JAR™ series hazardous location light is a reliable, durable, and high-performance luminaire designed for maximum heat dissipation, exceptional energy efficiency, and dependable operation in demanding environments.

Compliance

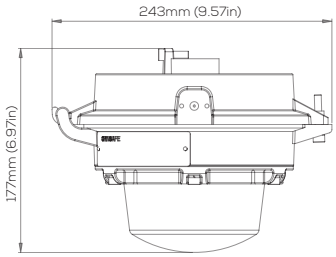
NEC/CEC Standard

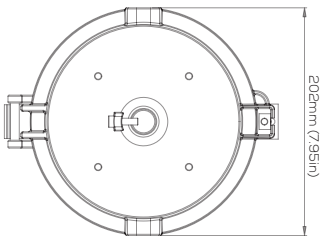
UL 844 Hazardous Locations
- Class I Division 2, Group A, B, C, D
- Class II Division 1, Group E, F, G
- Class II Division 2, Group F, G
- Class III
- Class I, Zone 2, Group IIC

CSA C22.2 No.137
CSA C22.2 NO. 250.0:21
FCC
UL 1598 Wet Locations
UL 1598A Marine Outside Type (Salt Water)
UL 8750 LED Safety
IP66/67 | IK09 | 5G | NEMA 4X

Dimensions

unit: mm(in)





Warranty

10-year limited system warranty
Lumen Maintenance: L70 › 150,000 hours @ 25℃

Technical Data

Electrical	
Rated Power	10W / 20W / 30W
Input Voltage	100-277 V/AC
Input Frequency	50/60Hz
Power Factor	› 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	‹ 200mVP-P

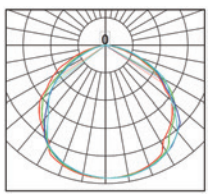
Optical	
Lumen Output	1500lm / 3000lm / 4500lm
Luminous Efficacy (Lumens per Watt)	150 lm/W
Beam Angle	110°
Correlated Color Temperature (CCT)	Amber 2700K 3000K 4000K 5000K
CRI	Ra›70

Environmental	
Ambient Operating Temperature	-40°C~+65°C
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106KPa

Technical	
Lens Material	Frosted drop lens
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Cable Entries	3/4" NPT, 1" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	2.6kg (5.37 lbs)

Beam Distribution

110°



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1509 Rapids Dr Ste 5, Racine, Wi 53404
1-(844)-255-6258
contact@bnbltg.com

Product design and specifications subject to change without notice.

Ordering Information and Mounting Accessories

JAR	10	L	2	T5	4K	DDG	PD	GRY	XX

Model
JAR

Power
10 – 1,500 lm (10W)
20 – 3,000 lm (20W)
30 – 4,500 lm (30W)

Voltage
L-100-277V/AC

Ex. Level
2 - C1D2, C2D1

Optics
T5- 110°

Color Temp
3K - 3000K (Soft white)
4K - 4000K (Neutral white)
5K - 5000K (Cool white)

Lens
DDG - Diffuse drop lens

Mount Style
PD – Pendant mount (3/4" NPT)
YK - Yoke mount bracket (3/4" NPT)
WL90 - Wall mount 90°
WL25 - Wall mount 25°
S90 - Stanchion-90° (1-1/4" NPT)
S90- Stanchion-90° (1-1/2" NPT)
S25 - Stanchion-25° (1-1/2" NPT)
CJB - Ceiling junction box (3/4" NPT)

Color
GRY - Gray

Accessories
WGR4 - Wire guard for drop lens
SC - Safety cable
VRM25 - Dark sky bolt-on visor 25°
VRM90 - Dark sky bolt-on visor 90°
SP1 - 10KV surge protector (100-277V) *Standard
SP2 - 20KV surge protector (100-277V)
PBC48 - Pipe clamp (M8*48mm) for pole Ø 1-7/8" (48mm)
PBC60 - Pipe clamp (M8*60mm) for pole Ø 2-3/8" (60mm)
CRD - 3' SEOOW-18/3 Cord
CG - Cable gland 3/4" NPT
PS - Pole stanchion 2" (60mm)

Mounting Options

PD1
Pendant mount
3/4" NPT

PD2
Pendant mount
1" NPT

TB4
Trunnion Bracket
3/4" NPT

W90
Wall mount 90°
3/4" NPT

W25
Wall mount 25°
3/4" NPT

S90B
Stanchion mount
90°, 1-1/2"NPT

S25
Stanchion mount
25°, 1-1/2"NPT

CJB
Ceiling junction box
3/4" NPT

Accessories

TB4
Trunnion Bracket
3/4" NPT

SC2
Stainless steel
safety cable
Ø6 (3mm)

WGR4
Stainless steel wire
guard For drop lens

VRM25
Spinning aluminium
visor 25°

VRM90
Spinning aluminium
dark sky visor 90°

CGL
Cable Gland
3/4" NPT
Suitable for C1D2

CAB
3' SEOOW-18/3 Cord
(Factory installed)

PS
Pole Stanchion
2-3/8" (60mm)

10KV Surge Protector
*Standard
SP1
10KV (100-277V)

20KV Surge Protector
SP2
20KV (100-277V)

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