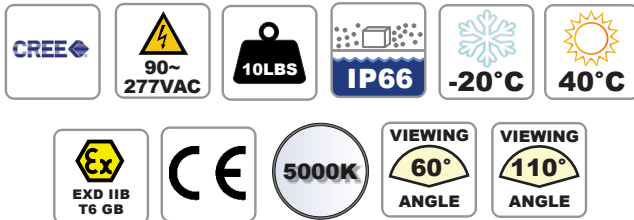


EXP-HB

EXPLOSION PROOF HIGH BAY FLOOD LIGHT (20W, 40W, 60W)



DESCRIPTION

The EXP-HB Series is engineered for installations in the harshest of conditions where moisture, dirt, dust, corrosion and vibration may be present, or NEMA 3 and 4X areas where wind, water, snow or high ambient temperature can be expected.

Used in areas where flammable vapours, gases, and combustible dusts are present as defined by the NEC and IEC.

The smaller sized 20W, 40W, and 60W are ideal for smaller areas, or low bay applications.

FEATURES

- 20W, 40W, 60W
- 90-277VAC 50/60Hz
- EX II 2G Ex d IIB T5 Gb/II 2D Ex tb IIIC 95°C
- Nema 3, 4X
- Power Factor: >0.95
- CRI: >70
- Beam Angle: 60°, 110°
- Average Life: 50,000 Hours L80
- Available in: 5000K
- Operating temperature: -20°C ~ 60°C (-4°F ~ 140°F)

NOTES & PATENT INFORMATION

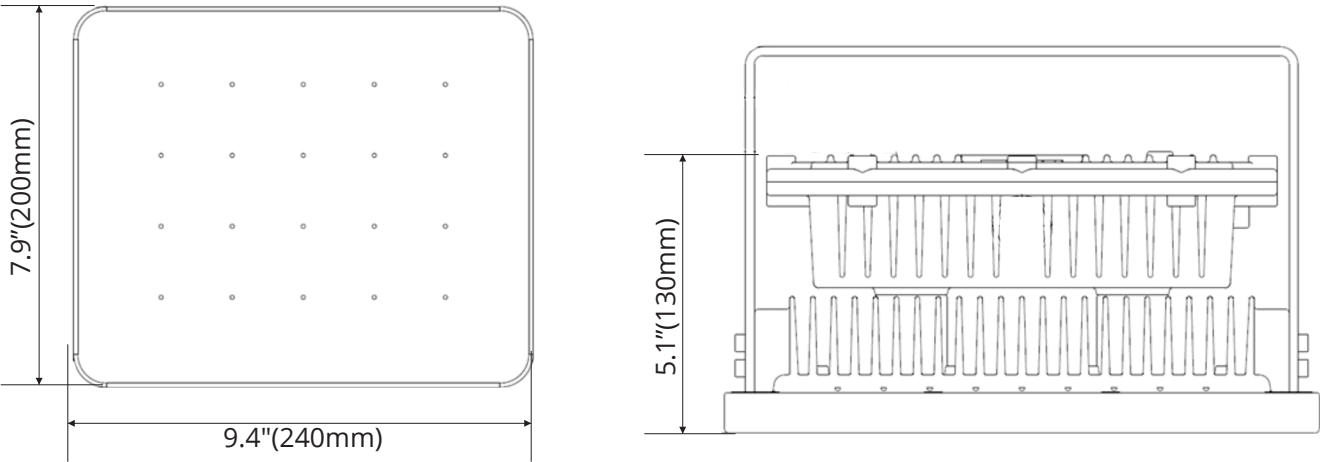
US Patent #7,307,391 8,115,411 8,791,650 9,179,513

Canada Patent #2,651,224 2,555,065 2,831,641

International Patents Pending

For complete and up to date patent information see our website

DIMENSIONS



ELECTRICAL STATS & OPERATING FUNCTIONS

SPECIFICATION	DETAILS		
WATTAGE	20W	40W	60W
LUMENS OUTPUT	1,800	3,600	5,400
LED CHIP TYPE	CREE XT-E R4		
POWER CONNECTION TYPE	HARDWIRE		
CRI	>70		
LIGHT OUTPUT ANGLE (BEAM)	60°/115°		
COLOR TEMPERATURES (CCT)	5000K		
LUMEN MAINTENANCE	50,000 Hrs L80		
INPUT VOLTAGE	90-305VAC 50/60Hz		
DIMMING	No		
POWER FACTOR	>0.95		
DRIVER EFFICACY	91%		
OPERATING TEMPERATURE	-20°C~60°C		
OPERATING HUMIDITY	20%-90% RH		
WARRANTY	3 YEARS LIMITED		
SAFETY/CERTIFICATIONS	EX II 2G Ex d IIB T5 Gb/ II 2D Ex tb IIIC 95°, NEMA 3, 4X, RoHS, CE		
DIMENSIONS	240x200x130mm (9.4"x7.9"x5.1")		
WEIGHT	4.6Kg (10.1Lbs)		

ORDERING INFORMATION

SERIES

EXP-HB

-

VOLTS

XXX

120 = 100-277VAC
347 = 347VAC*

-

WATTS

XX

20 = 20W
40 = 40W
60 = 60W

-

COLOR

XX

50 = 5000K

-

BEAM ANGLE

XX

60 = 60°
110 = 110°

*Special order

LED Smart Inc. works continually to improve our products, we reserve the right to change or modify the designs or specifications of this product at any time without prior notice. All rights reserved. This product is under a patent and patent pending protection.