

Explosion proof
Light

60W/80W/100W/120W/150W/200W

IECEX

CB



UK
CA

CE

RoHS
compliant



We are committed to delivering high-quality industrial lighting fixtures designed, tested and certified for use in hazardous locations and adverse environment conditions. Our explosion proof light can be used even under the harshest indoor and outdoor conditions. If safety, labor reduction, quality and reliability are your priorities, this product will be your best option.

STANDARDS/CERTIFICATES

< IEC 60079-0:2017

< EN IEC 60079-0:2018

< IEC 60079-1:2014

< EN 60079-1:2014

< IEC 60079-31:2022

< EN 60079-31:2014

ATEX



II 2 G Ex db IIB T5 Gb
II 2 D Ex tb IIIC T95°C Db

IECEX

Ex db IIB T5 Gb
Ex tb IIIC T95°C Db

Product data

General Information

Light source engine type	LED
Driver included	Meanwell
Lifetime	L70B10 >108000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	85-305V, 50/60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 4 kV differential mode and 6 kV common mode

Maintenance and Assembly

Installation methods	Bracket mounting
Accessories	NA

Light Technical

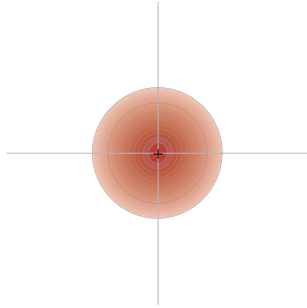
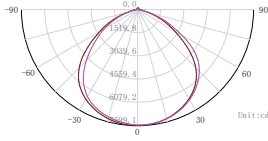
Luminous Efficacy (rated) (Nom)	160lm/w
Wattage	60W/80W/100W/120W/150W/200W
Luminous Flux	10800/14400/17000/19200/24000/32000LM
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK10 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	100°
Total harmonic distortion	<6% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-30°C~+48°C

Mechanical and Housing

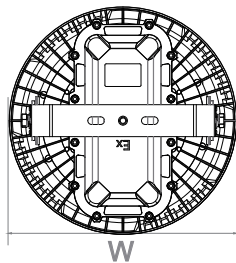
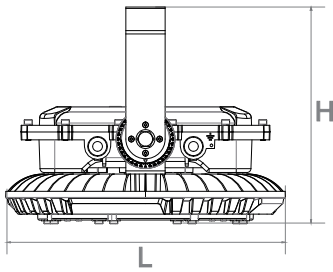
Housing Material	ADC12
Optic material	Tempered glass
Housing Color	RAL7001

Light distribution angle

Optical options: 100°



Package



Model	Dimension(mm)			Outer Carton(mm)			QTY/ CTN	NW(kg)	GW(kg)
	L	W	H	L	W	H			
EXHS-HB-60	356	356	282	430	430	360	1	9.71	11.71
EXHS-HB-80	356	356	282	430	430	360	1	9.71	11.71
EXHS-HB-100	356	356	282	430	430	360	1	9.71	11.71
EXHS-HB-120	356	356	282	430	430	360	1	9.93	11.93
EXHS-HB-150	356	356	282	430	430	360	1	9.93	11.93
EXHS-HB-200	356	356	282	430	430	360	1	9.93	11.93

Application

