40W - 600W EXPLOSION PROOF HB SERIES

PROJECT NAME:

PROJECT NOTES:

FEATURES

- Available From 40W to 600W

- 100-277VAC

- Explosion Rated

- T-Class: T3C/T4A/T5

- Class I, Division 2, Groups A, B, C and D

- Class II, Division 2, Groups F and G

- Class III

UL HazLoc • UL • TAA COMPLIANT • RoHS Compliant

Revised 2/2/23

efficiency. illuminated.

40W - 600W EXPLOSION PROOF HB SERIES

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SPECIFICATIONS TABLE

SPECIFICATIONS	40W	50W	60W	80W	100W	120W	150W
DRIVER	Class2, 50/60Hz. 100-277VAC						
EFFICACY	150lm/W						
LUMENS	6,000lm	7,500lm	9,000lm	12,000lm	15,000lm	18,000lm	22,500lm
POWER FACTOR	>0.95						
CRI	>70						
L70 HOURS	50,000+ hours						
CCT	3000K/4000K/5000K/6500K						
OPERATIONAL TEMP.	-40°C - 40°C						
BEAM ANGLE	90°			110°			
HOUSING MATERIAL	ADC12 Aluminum						
LENS MATERIAL	Shock and Vibration Resistant Tempered Glass, Super Clear 95% Light Transmittance						
HOUSING FINISH	Powder Coated, Salt Resistant and Chemical Resistant						
WEIGHT	18.2lbs.			25.6lbs.			
VIBRATION RATING	3G Vibration Tested per ANSI C136.31 and IEC60598						
DIMENSIONS	596 x 126 x 114mm / 23.5 x 5 x 4.5 inch			566 x 202 x 112mm / 22.3 x 8 x 4.4 inch			
WARRANTY	5 Year Standard, 10 Year Optional						
UL CLASSIFICATIONS	UL844 - Class 1 Div 1 &2, UL1598, CSA 250, CSA 137,						
CERTIFICATION STANDARDS	Class I Division 2, Groups A,B,C,D / Class II Division 2, Group F,G / Class III						
VIBRATION RATING	3G vibration tested per ANSI Cl36.31 and IEC60598						
IP RATING	IP66						
IK RATING	IK10						

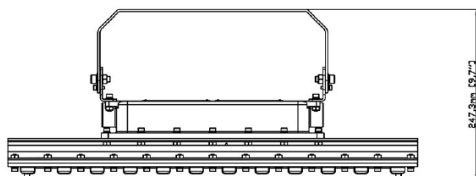*Specifications are typical values and may change without notification*

efficiency. illuminated.

40W - 600W EXPLOSION PROOF HB SERIES

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SPECIFICATIONS TABLE

PRODUCTS	2 MODULES				3 MODULES				4 MODULES			
SPECIFICATIONS	160W	200W	240W	300W	240W	300W	360W	450W	320W	400W	480W	600W
DRIVER	Class2, 50/60Hz. 100-277VAC											
EFFICACY	150lm/W											
LUMENS	24,000lm	30,000lm	36,000lm	45,000lm	36,000lm	45,000lm	54,000lm	67,500lm	48,000lm	60,000lm	72,000lm	90,000lm
POWER FACTOR	>0.95											
CRI	>70											
L70 HOURS	50,000+ hours											
CCT	3000K/4000K/5000K/6500K											
OPERATIONAL TEMP.	-40°C - 40°C											
BEAM ANGLE	110°											
HOUSING MATERIAL	ADC12 Aluminum											
LENS MATERIAL	Shock and Vibration Resistant Tempered Glass, Super Clear 95% Light Transmittance											
HOUSING FINISH	Powder Coated, Salt Resistant and Chemical Resistant											
PROTECTION	IP 66 / IEC60598 Ingress Protection Rating of NEMA 4/4X (IP66) for Dust and Water											
WEIGHT	55.1lbs.				81.6lbs				106.9lbs.			
VIBRATION RATING	3G Vibration Tested per ANSI C136.31 and IEC60598											
DIMENSIONS	594 x 434 x 124mm / 23.4 x 17.1 x 4.9 inch				638 x 594 x 175mm / 25.1 x 23.4 x 6.9 inch				838 x 594 x 175mm / 33.0 x 23.4 x 6.9 inch			
WARRANTY	5 Year Standard, 10 Year Optional											
UL CLASSIFICATIONS	UL844 - Class 1 Div 1 &2, UL1598, CSA 250, CSA 137,											
CERTIFICATIONS	Class I Division 2, Groups A,B,C,D / Class II Division 2, Group F,G / Class III											
VIBRATION RATING	3G vibration tested per ANSI Cl36.31 and IEC60598											
IP RATING	IP66											
IK RATING	IK10											

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DIMENSIONS

40W-60W

80W-150W
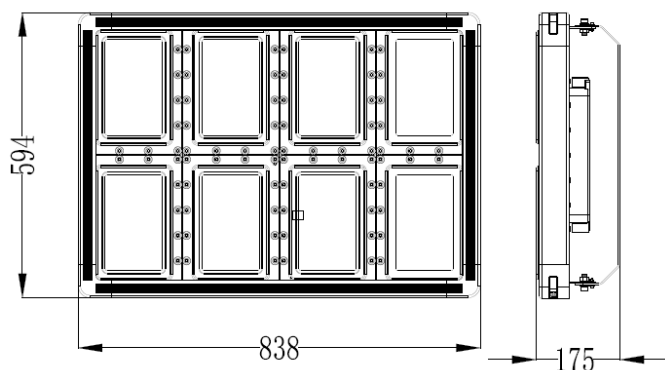
2 Modules 160W-300W

3 Modules 240W-450W

4 Modules 320W-600W

PRODUCT CONFIGURATIONS

40W-60W

80W-150W

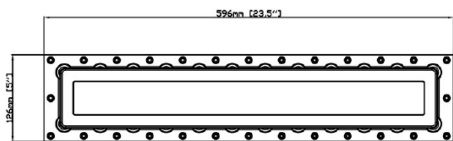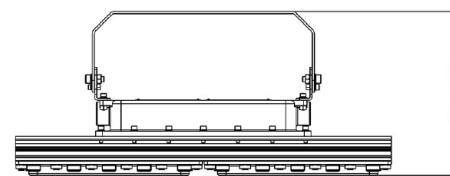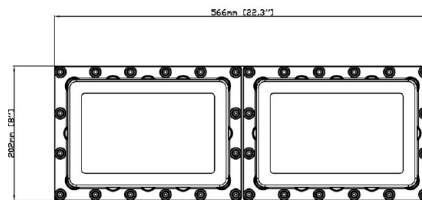2 Modules 160W-300W

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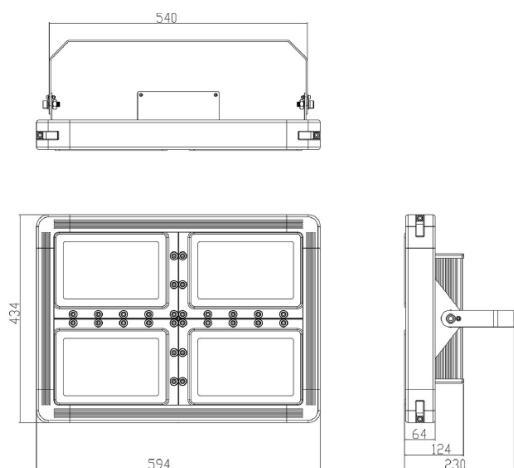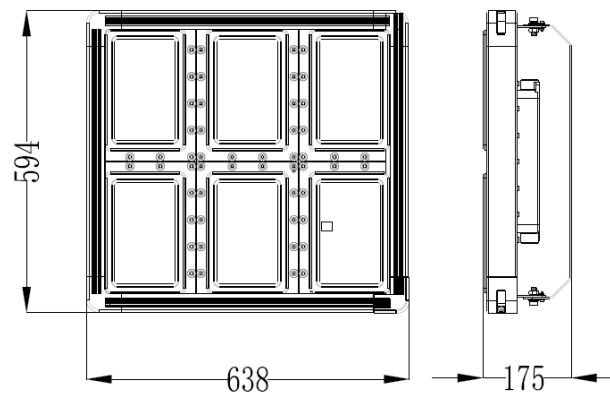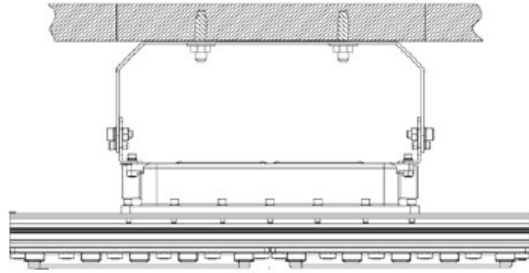
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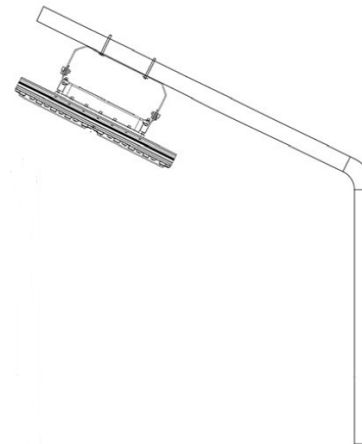
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INSTALLATION OPTIONS

Ceiling Install

Pendant Install

Angle 0~±90° Adjustable
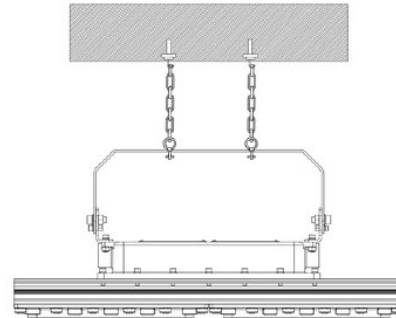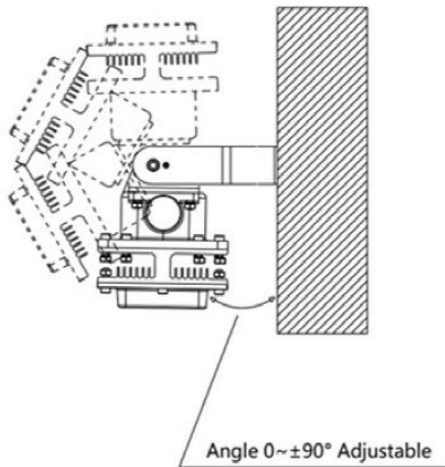
Wall Mount Install

Pole Install

ORDERING INFORMATION						JLS68103-EP-HB-4-400-277-40K-G		
MODEL	**-**	**MODULES**	**WATTAGE**	**-**	**VOLTAGE**	**-**	**CCT**	**-**	**FINISH**
JLS68103-EP-HB		**1** = 1 Module	**40** = 40W / **50** = 50W *		**277** = 100-277VAC		**30K** = 3000K	**Y** = Yellow
		2 = 2 Modules	**60** = 60W / **80** = 80W *				**40K** = 4000K	**G** = Gray
		3 = 3 Modules	**100** = 100W / **120** = 120W *				**50K** = 5000K	**R** = Red
		4 = 4 Modules	**150** = 150W *				**65K** = 6500K	
			160 = 160W / **200** = 200W **					
			240 = 240W / **300** = 300W **					
			240 = 240W / **300** = 300W ***					
			360 = 360W / **450** = 450W ***					
			320 = 320W / **400** = 400W ****					
			480 = 480W / **600** = 600W ****					
			* only for 1 module					
			** only for 2 modules					
			*** only for 3 modules					
			**** only for 4 modules					

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