BRIGHTWAY LED Lighting

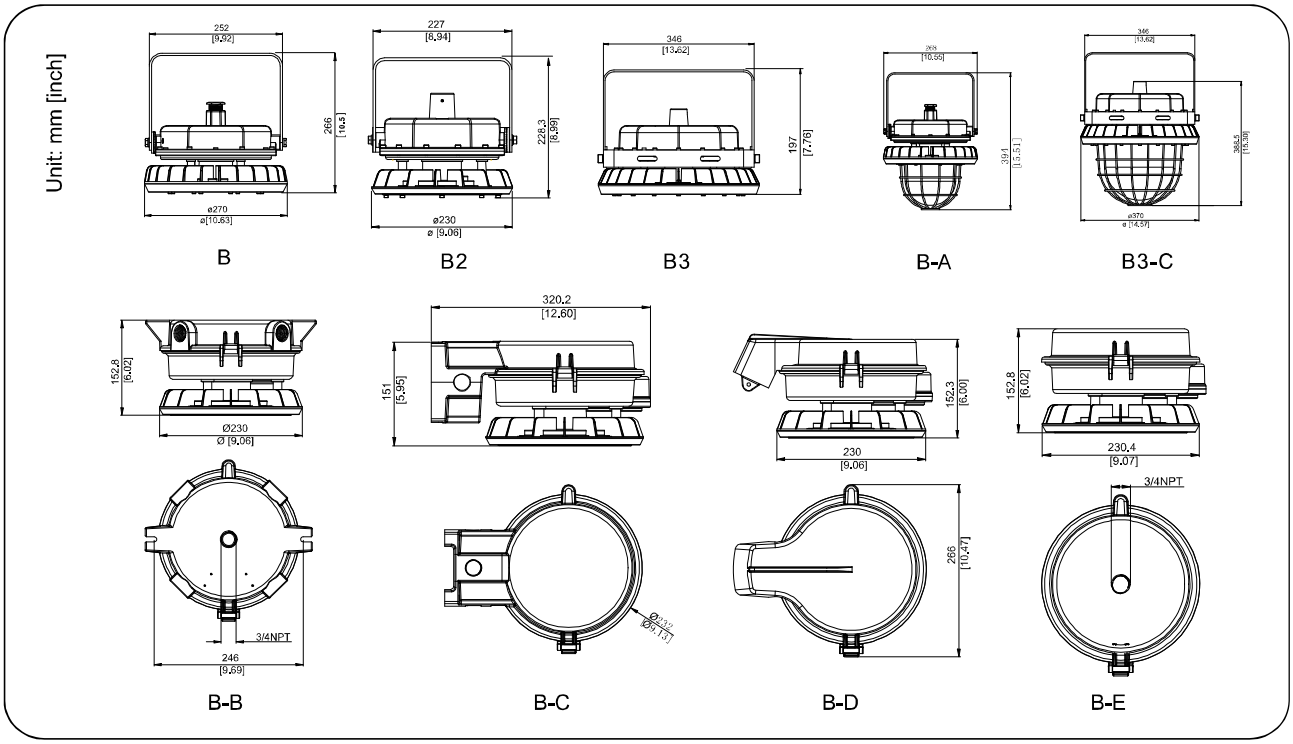
LED HAZARDOUS LOCATIONS LIGHT - MS Series B

Basic Data

Product Number	Wattage	Color Temp.	Voltage	Lumens	Working Hours	CRI
EX-20W B2YZDA	20	4000K-5700K	AC100-277V	2800	5 years	70
EX-40W B2YZDA	40	4000K-5700K	AC100-277V	5600	5 years	70
EX-60W B2YZDA	60	4000K-5700K	AC100-277V or AC200-480V	8400	5 years	70
EX-80W BYZDA	80	4000K-5700K	AC100-277V or AC200-480V	11200	5 years	70
EX-100W BYZDA	100	4000K-5700K	AC100-277V or AC200-480V	14000	5 years	70
EX-150W B3YZDA	150	4000K-5700K	AC100-277V or AC200-480V	21000	5 years	70
EX-180W B3YZDA	180	4000K-5700K	AC100-277V or AC200-480V	25200	5 years	70
EX-200W B3YZDA	200	4000K-5700K	AC100-277V or AC200-480V	28000	5 years	70

B,B2,B3 product code "Y"=D or N:Dimmable or non-dimmable **"Z"= CCT, from 4000~5700K "D"=Beam angle, D40 for 40°,D60 for 60°,D90 for 90°, D120 for 120° A for glass info. blank for flat glass, C for spherical glass.**

Dimensions



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Lighting Distribution

200W/120D

	Center Beam fc	Beam Width	
4ft	662fc	11ft	11ft
8ft	165fc	22ft	22ft
12ft	73fc	34ft	33ft
16ft	40fc	45ft	45ft
20ft	26fc	57ft	57ft

Vert,Spread;120°
Horiz,Spread;120°

200W/90D

	Center Beam fc	Beam Width	
4ft	1004fc	8ft	8ft
8ft	244fc	15ft	16ft
12ft	109fc	24ft	26ft
16ft	62fc	32ft	33ft
20ft	39fc	39ft	45ft

Vert,Spread;90°
Horiz,Spread;90°

200W/60D

	Center Beam fc	Beam Width	
4ft	1405fc	6ft	5ft
8ft	341fc	11ft	11ft
12ft	152fc	17ft	14ft
16ft	86fc	22ft	23ft
20ft	55fc	27ft	31ft

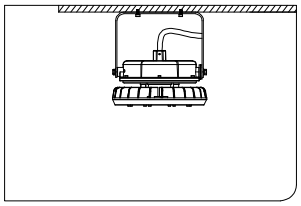
Vert,Spread;60°
Horiz,Spread;60°

200W/40D

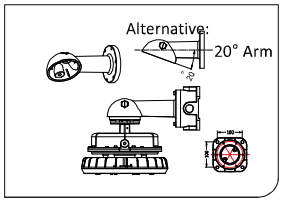
	Center Beam fc	Beam Width	
4ft	1967fc	4ft	4ft
8ft	477fc	7ft	7ft
12ft	213fc	11ft	11ft
16ft	120fc	15ft	16ft
20ft	77fc	19ft	23ft

Vert,Spread;40°
Horiz,Spread;40°

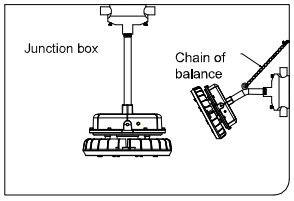
Installation



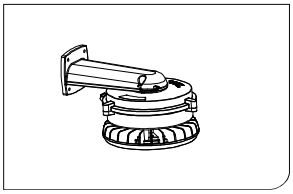
Ceiling Bracket Mounting



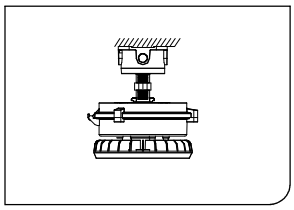
Alternative Arm Mounting



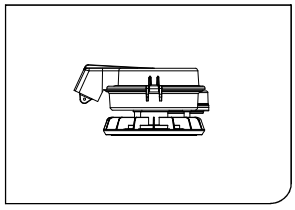
Pendant Mounting



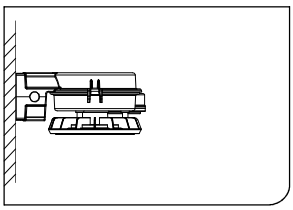
Arm Mounting



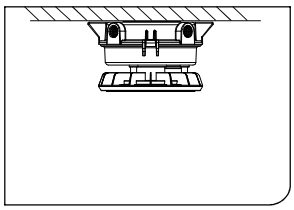
Junction Box Mounting



Stanchion Mounting



Direct Ceiling Mounting



Direct Wall Mounting

Approvals

Marking Atex	II2 G Ex db IIB T6 Gb II2 D Ex db IIIC T80 Db IP66
Marking IECEX	Ex db IIB T6 Gb Ex db IIIC T80 Db IP66
Marking UL844 (North American)	Class I,Division 2,Groups A,B,C,D Class II,Division 1,Groups E,F,G Class II,Division 2,Groups E,F,G Class III
Marine Marking	UL 1598A ABS and DNV Type Approved
Other Rating	IP 66 IK 10