

INTRODUCTION

FEATURE

Neat Composed of Appearance Design
Optimized Anti-glare Architecture Lighting
Lens and Louver Provide Accurate Lighting Angle
Long Lifespan Design > 50,000hours
Working Temperature: -30°C~50°C

MAIN MATERIAL

LED Brand: GUBO
Internal Driver Brand: GUBO
Housing: Die-casted Aluminum
Optics: High Efficiency PC Lens
Diffuser: Clear Tempered Glass

INSTALLATION

Suitable for Exterior Illumination, Like
Architecture.....

[FFS]: Flush Surface Mounted

[FBB]: Fixing Base with Junction Box

[FBU]: Base U-type Fixing Bracket

[FWA]: Wall Surface Mounted

[FSC]: Slip Fitter Mounted

[PSA]: Aluminum Straight Bollard

NOTES: Custom Installation and Accessories

Referred to Another Catalogue of Fixing Kits.

STANDARD

Designed and Manufactured to Comply with
CE/RoHS/CB/cETL/SAA/SASO Standard

IP66 Protection, Class I Electric

OPTIONS

LED CCT: 1,800K~10,000K/R/G/B/Y

[CRI]: [E] Ra80, [G] Ra90, [H] Ra97

[F1]: Custom Housing Finish Colors by RAL Code

[B3]: Custom Baffle Finish Colors by RAL Code

WHITE	BLACK	DARK GREY	GREY	PEARL GREY
RAL9010P	RAL9005P	RAL7016P	RAL7043P	RAL9022P
				

LIAM 31A: LED PROJECTOR LIGHT

							
100-277V	WARRANTY	RGBW	15/30/60° 90/120°	IP65	IK08	EURO	USA.CA
(MSA90A3C)	(MSA120A3C)	(MSA145A3C)	(MSA200A3C)				
[FBU]	[FBU]	[FBU]	[FBU]				



(MSA90A3C)	(MSA120A3C)	(MSA145A3C)	(MSA200A3C)
[BGS]	[BGS]	[BGS]	[BGS]
[FBU]	[FBU]	[FBU]	[FBU]



(MSA90A3D)	(MSA120A3D)	(MSA145A3D)	(MSA200A3D)
[BGS]	[BGS]	[BGS]	[BGS]
[FBU]	[FBU]	[FBU]	[FBU]



[FBU] U-Bracket	BACKVIEW	[FSC] SLIP FITTER	[FBS] SPIKE	(MQ4A)-[FSC] SLIP FITTER
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LIAM 31A: LED PROJECTOR LIGHT

MODEL	POWER 【W】	LED TYPE	CCT 【K】		CRI	FLUX 【LM】	POWER FACTOR	BEAM ANGLE	REMOTE CONTROL	INPUT 【V】			
LIAM 31A- MSA90A3C	10W	4x10W SMD3535	E2700K		RA80	730	>0.9						
			E3000K		RA80	780							
			E3500K		RA80	780							
			E4000K		RA80	810							
			E5000K		RA80	810							
	10W	4x10W SMD3535	E6500K		RA80	800							
			G2700K		RA90	590							
			G3000K		RA90	600							
			G3500K		RA90	600							
			G4000K		RA90	640							
2C@10W	TWG	G5000K		RA90	640								
		G6500K		RA90	630								
		G2700K		G6500K	RA90	590							
		620nm		520nm	460nm	\	590						
		620nm		520nm	460nm	2700K	\	590					
4C@10W	RGBA	620nm		520nm	460nm	590nm	\	590					
		620nm		520nm	460nm	2700K	\	590					
		620nm		520nm	460nm	590nm	\	590					
		620nm		520nm	460nm	590nm	\	590					
		620nm		520nm	460nm	590nm	\	590					
LIAM 31A- MSA120A3C	20W [15W]	9x10W SMD3535	E2700K		RA80	1710	>0.9	[Symmetric] BL6D:6° BL10D:10° BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL60D:90°	[CDN]:Non-dimmable				
			E3000K		RA80	1810							
			E3500K		RA80	1810							
			E4000K		RA80	1880							
			E5000K		RA80	1880							
	20W [15W]	9x10W SMD3535	E6500K		RA80	1860							
			G2700K		RA90	1370							
			G3000K		RA90	1400							
			G3500K		RA90	1400							
			G4000K		RA90	1480							
2C@20W	TWG	G5000K		RA90	1480								
		G6500K		RA90	1470								
		G2700K		G6500K	RA90	1110							
		620nm		520nm	460nm	\	1110						
		620nm		520nm	460nm	2700K	\	1110					
4C@20W	RGBA	620nm		520nm	460nm	590nm	\	1110					
		620nm		520nm	460nm	590nm	\	1110					
		620nm		520nm	460nm	590nm	\	1110					
		620nm		520nm	460nm	590nm	\	1110					
		620nm		520nm	460nm	590nm	\	1110					
LIAM 31A- MSA145A3C	32W	16x10W SMD3535	E2700K		RA80	2820	>0.9	[Oval] BLV15x45° BLV15x60° BLV30x70°					
			E3000K		RA80	2980							
			E3500K		RA80	2980							
			E4000K		RA80	3110							
			E5000K		RA80	3110							
			E6500K		RA80	3070							
	32W	16x10W SMD3535	G2700K		RA90	2260	>0.9				[BGL] Louver LM-25%		
			G3000K		RA90	2310							
			G3500K		RA90	2310							
			G4000K		RA90	2460							
2C@32W	TWG	G5000K		RA90	2460								
		G6500K		RA90	2420								
		G2700K		G6500K	RA90	1650							
		620nm		520nm	460nm	\	1650						
4C@32W	RGBA	620nm		520nm	460nm	2700K	\	1650					
		620nm		520nm	460nm	2700K	\	1650					
		620nm		520nm	460nm	2700K	\	1650					
		620nm		520nm	460nm	2700K	\	1650					
LIAM 31A- MSA200A3C	72W [60W]	36x10W SMD3535	E2700K		RA80	6190	>0.9						
			E3000K		RA80	6230							
			E3500K		RA80	6530							
			E4000K		RA80	6820							
			E5000K		RA80	6820							
	72W [60W]	36x10W SMD3535	E6500K		RA80	6740							
			G2700K		RA90	5000							
			G3000K		RA90	5050							
			G3500K		RA90	5050							
			G4000K		RA90	5400							
2C@72W	TWG	G5000K		RA90	5400								
		G6500K		RA90	5300								
		G2700K		G6500K	RA90	3650							
		620nm		520nm	460nm	\	3650						
		620nm		520nm	460nm	2700K	\	3650					
4C@72W	RGBA	620nm		520nm	460nm	590nm	\	3650					
		620nm		520nm	460nm	590nm	\	3650					
		620nm		520nm	460nm	590nm	\	3650					
		620nm		520nm	460nm	590nm	\	3650					
		620nm		520nm	460nm	590nm	\	3650					

NOTE:

All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment.

Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.

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LIAM 31A: LED PROJECTOR LIGHT

[FBU] U-Bracket Fixture

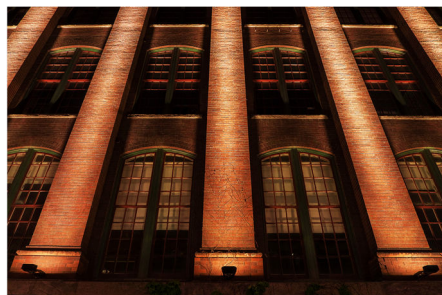
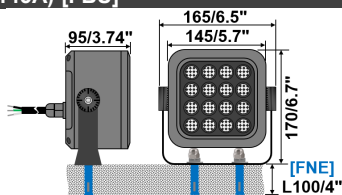
DIMENSION: [UNIT: MM]

NOTES:

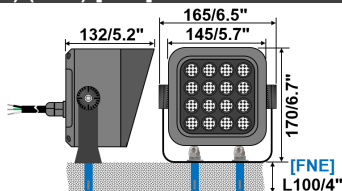
Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

MODEL: (MSA145A)-[FBU]

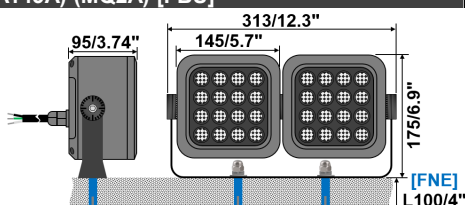
CASE STUDY:



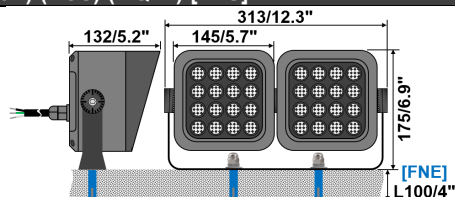
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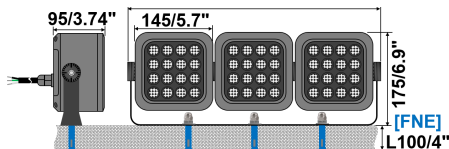
MODEL: (MSA145A)-(MQ2A)-[FBU]



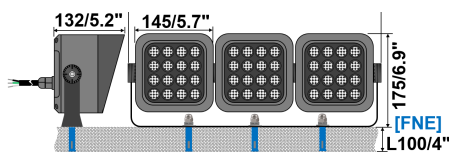
MODEL: (MSA145A)-(BGS)-(MQ2A)-[FBU]



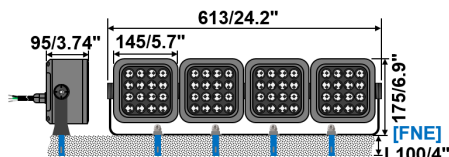
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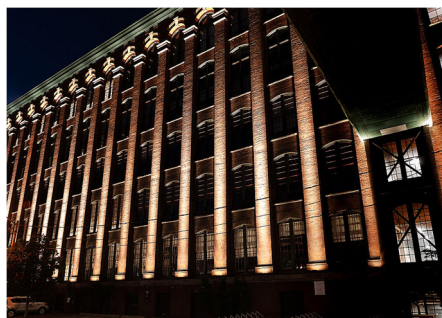
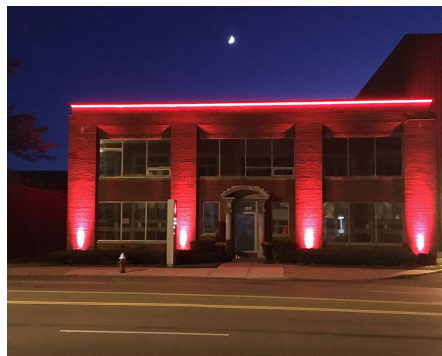
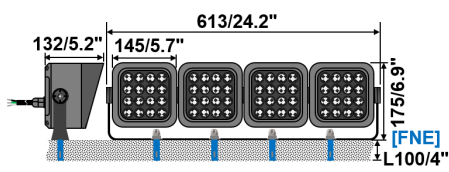
MODEL: (MSA145A)-(BGS)-(MQ3A)-[FBU]



MODEL: (MSA145A)-(MQ4A)-[FBU]



MODEL: (MSA145A)-(BGS)-(MQ4A)-[FBU]



[FBU] U-Bracket Fixture

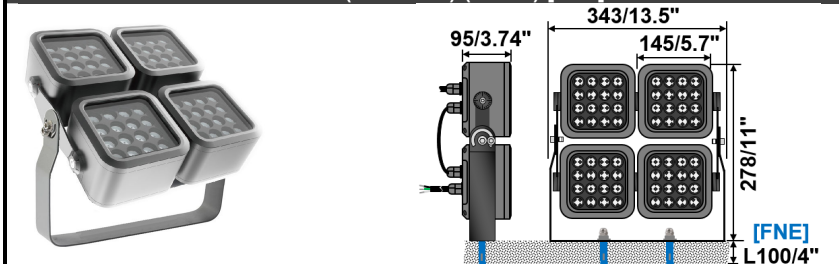
DIMENSION: [UNIT: MM]

NOTES:

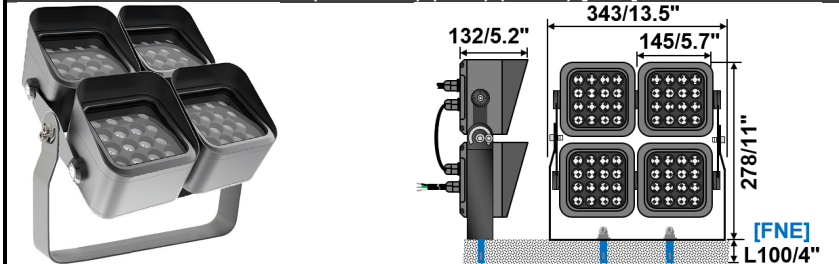
Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

MODEL: (MSA145A)-(MQ4D)-[FBU]

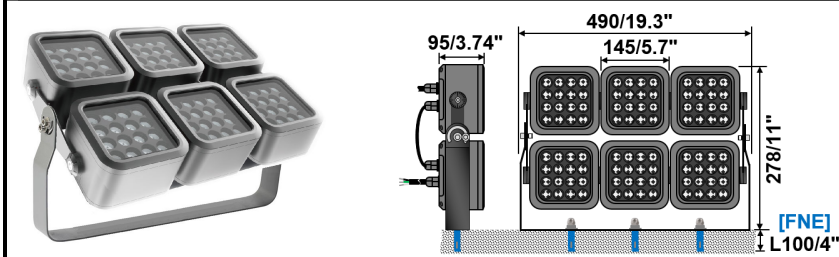
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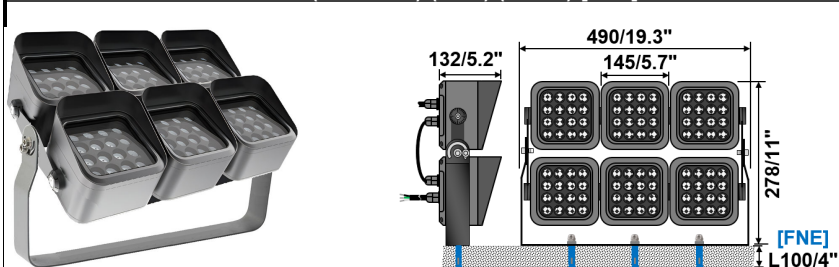
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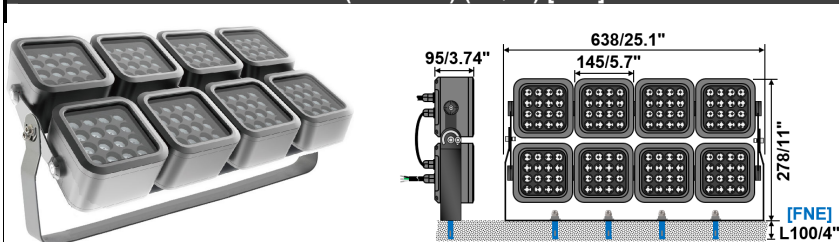
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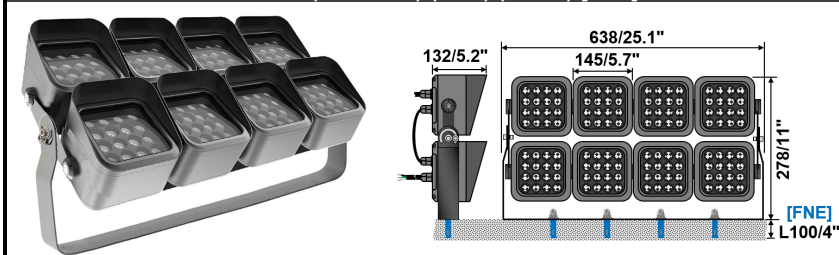
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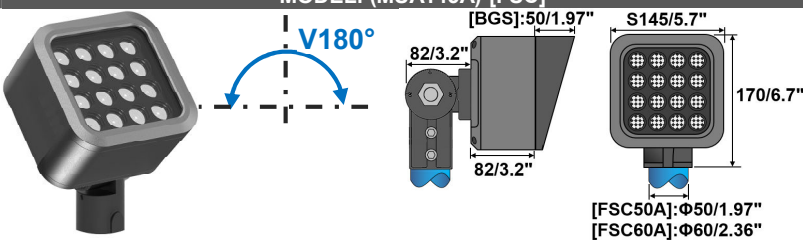
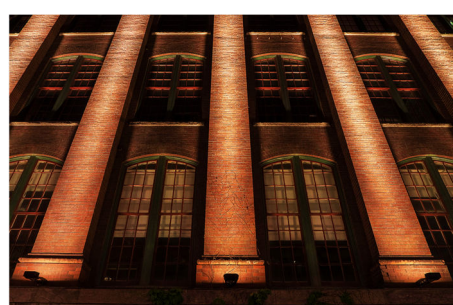
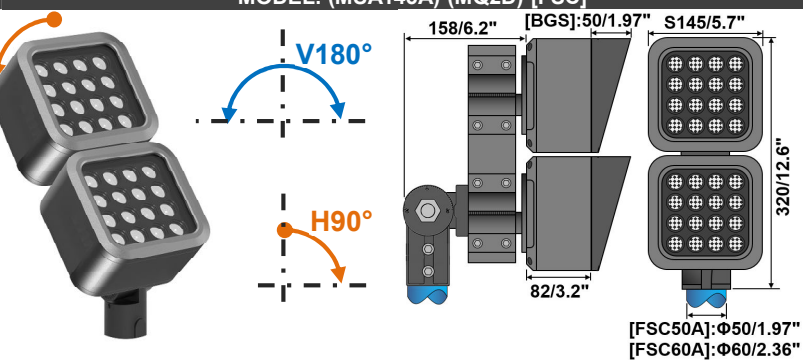
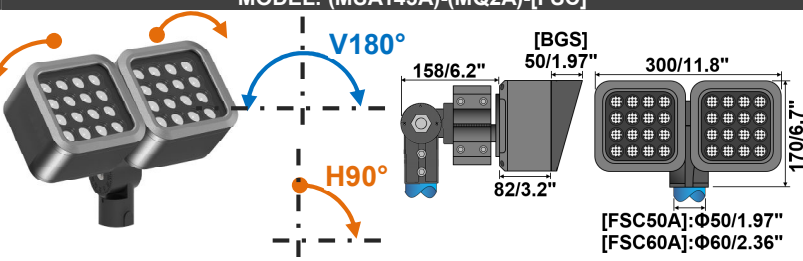
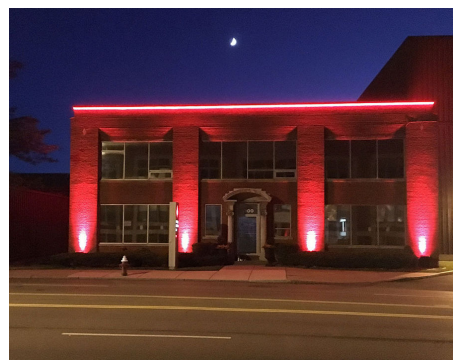
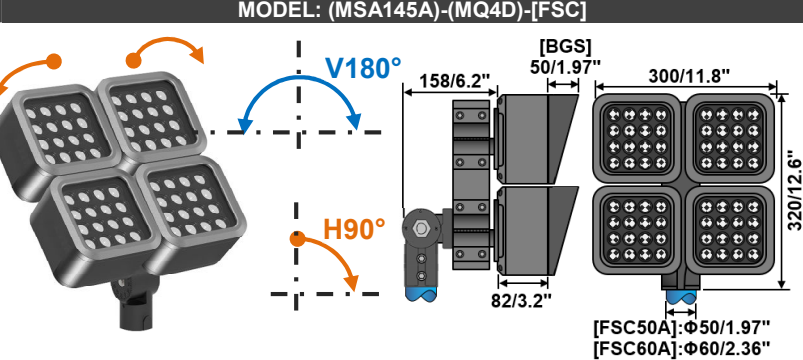
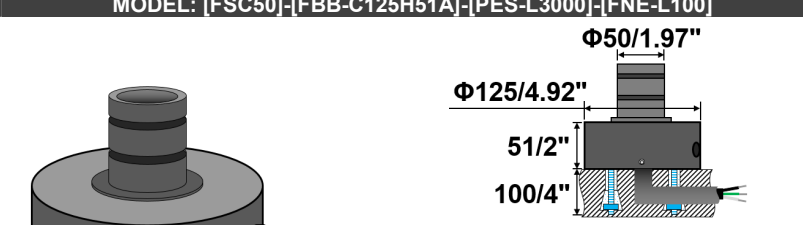
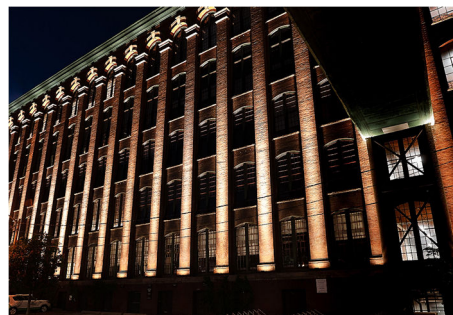


MODEL: (MSA145A)-(MQ8D)-[FBU]



MODEL: (MSA145A)-(BGS)-(MQ8D)-[FBU]



[FSC] SLIP FITTER		DIMENSION: [UNIT: MM]	
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.		
MODEL: (MSA145A)-[FSC]		CASE STUDY:	
			
MODEL: (MSA145A)-(MQ2D)-[FSC]			
			
MODEL: (MSA145A)-(MQ2A)-[FSC]			
			
MODEL: (MSA145A)-(MQ4D)-[FSC]			
			
MODEL: [FSC50]-[FBB-C125H51A]-[PES-L3000]-[FNE-L100]			
			
[PES-L3000]:			
● Power Cable Entrance is at the side of the base.			
● Power Cable Length is 10' (3.05 m) and Customizable			
● Notes: This JBOX is available for power cable entrance from the bottom by 1/2" NPT taper.			