

**INTRODUCTION**

**GTG2103A-MCA: ROUND LED GARDEN SPOTLIGHT**

**FEATURE**

- GUBO Unique Modular Waterproof Design
- Optimized Garden Lighting
- Long Lifespan Design >50,000hours
- Working Temperature: -30°C~50°C

(MCA40A)	(MCA50A)	(MCA65A)	(MCA95A)	(MCA125A)			

**MAIN MATERIAL**

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

**INSTALLATION**

- Suitable for Interior & Exterior Lighting
- [FFS]: Flush Surface Mounted
- [FPS]: Stem Pendant
- [FPC]: Catenary Pendant
- [FWA]: Wall Surface Mounted
- [FSC]: Slip Fitter Mounted
- [FJP]: Fixing Plate on JBOX/Outlet Box
- [PSA]: Aluminum Straight Bollard

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

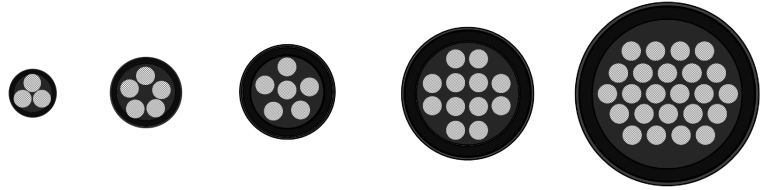
**STANDARD**

- Designed and Manufactured to Comply with CE/RoHS/CB/cETL/SA/SASO Standard
- IP65 Protection, Class I Electric

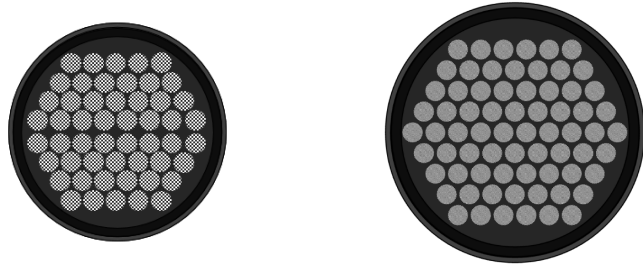
**CUSTOM OPTION**

- LED CCT: 1,600K~10,000K/R/G/B/Y
- [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)
- [SFH]: Custom Housing Finish Colors by RAL Code
- [SFB]: Custom Baffle Finish Colors by RAL Code

WHITE RAL9010P	BLACK RAL9005P	DARK GREY RAL7016P	GREY RAL7043P	PEARL GREY RAL9022P
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(MCA160A) (MCA200A)



**CUSTOM ACCESSOIRES**

[BGL] Louver	[BGG] Protetion Grid	[BGSB] Bevel Shiled	[BGSC] Cylinder Shiled	[BGHD-C] Dome Hood: Φ6"/12"/18"/24"
				(C152A):95/3.7" (C305A):188/7.42" (C458A):283/11.12" (C610A):376/14.8"  (C152A):Φ152/6" (C305A):Φ305/12" (C458A):Φ458/18" (C610A):Φ610/24"

**[BGC] Custom Lighting Guide Column**











[BGCC] Clear	[BGCF] Frosted	[BGCB] Clear Bulbble	[BGCS] Clear Stripe	DIMENSION: [UNIT: MM]
				BL25/1" BL51/2" BL76/3" BL102/4" BL152/6" BL254/10" BL381/15" BL458/18"

**Module Top Profile [Factory Set]**

[MTT] Tilt Top		[MTD] Dome Top	
Module Model [Φ]	Height Adder [H]	Module Model [Φ]	Height Adder [H]
MCA40A-MTT	15mm	MCA40A-MTD	18mm
MCA50A-MTT	15mm	MCA50A-MTD	25mm
MCA65A-MTT	15mm	MCA65A-MTD	30mm
MCA95A-MTT	15mm	MCA95A-MTD	45mm
MCA125A-MTT	15mm	MCA125A-MTD	60mm
MCA160A-MTT	15mm	MCA160A-MTD	80mm
MCA200A-MTT	15mm	MCA200A-MTD	100mm

**GTG2103A-MCA: ROUND LED GAREN SPOTLIGHT**

**SPECIFICATION**

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTG2103A-MCA40A1N	5W	24x0.5W SMD2835	E2700K	RA80	480	> 0.9	 [Opal] BDM:120°   [Prismatic] BDP:110°	[CDN]:Non-Dim [+CDP]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	510			[Following by Remote Driver]	
			E3500K	RA80	510			[CDT]:TRIAC(10%)	
			E4000K	RA80	540			[CDV]:0/1~10V(8%)	
			E5000K	RA80	540			[CDV0]:0~10V(1%)	
	5W [3W]	24x0.5W SMD2835	G2700K	RA90	380	> 0.9		[CDV1]:1~10V(10%)	
			G3000K	RA90	410			[CDX]:DMX512(1%)	
			G3500K	RA90	410			[CDA]:DALI(1%)	
			G4000K	RA90	440			[CDP]:PWM(1%)	
			G5000K	RA90	440			[CRZ]:Zigbee (1%)	
			G6500K	RA90	430			[CRF]:2.4G RF(1%)	
2C@5W	TWG	G2700K G6500K	RA90	350	> 0.9				
3C@5W	RGB	620nm 520nm 460nm	\	330	> 0.9				
4C@5W	RGBW	620nm 520nm 460nm 2700K	\	330	> 0.9				
4C@5W	RGBA	620nm 520nm 460nm 590nm	\	330	> 0.9				
GTG2103A-MCA50A1N	10W [5W]	48x0.5W SMD2835	E2700K	RA80	960	> 0.9	 [Opal] BDM:120°   [Prismatic] BDP:110°	[CDN]:Non Dimmable [+CDP]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	1020			[CDT]:TRIAC(10%)	
			E3500K	RA80	1020			[CDV]:0/1~10V(8%)	
			E4000K	RA80	1080			[CDV0]:0~10V(1%)	
			E5000K	RA80	1080			[CDV1]:1~10V(10%)	
	10W [5W]	48x0.5W SMD2835	G2700K	RA90	770	> 0.9		[Following by Remote Driver]	
			G3000K	RA90	830			[CDX]:DMX512(1%)	
			G3500K	RA90	830			[CDA]:DALI(1%)	
			G4000K	RA90	890			[CRZ]:ZIGBEE(1%)	
			G5000K	RA90	890			[CRF]:2.4G RF(1%)	
			G6500K	RA90	870			[CRB]:Bluetooth(1%)	
2C@10W	TWG	G2700K G6500K	RA90	700	> 0.9				
3C@10W	RGB	620nm 520nm 460nm	\	670	> 0.9				
4C@10W	RGBW	620nm 520nm 460nm 2700K	\	670	> 0.9				
4C@10W	RGBA	620nm 520nm 460nm 590nm	\	670	> 0.9				
GTG2103A-MCA65A1N	15W [10W] [5W]	72x0.5W SMD2835	E2700K	RA80	1340	> 0.9	 [Opal] BDM:120°   [Prismatic] BDP:110°	[CDN]:Non-Dim	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	1430			[CDT]:TRIAC(10%)	
			E3500K	RA80	1430			[CDV]:0/1~10V(8%)	
			E4000K	RA80	1510			[CDV0]:0~10V(1%)	
			E5000K	RA80	1510			[CDV1]:1~10V(10%)	
	15W [10W] [5W]	72x0.5W SMD2835	G2700K	RA90	1070	> 0.9		[CDA]:DALI(1%)	
			G3000K	RA90	1160			[+CDP]:PWM(1%)	
			G3500K	RA90	1160			[Following by Remote Driver]	
			G4000K	RA90	1240			[CDX]:DMX512(1%)	
			G5000K	RA90	1240			[CRZ]:ZIGBEE(1%)	
			G6500K	RA90	1220			[CRF]:2.4G RF(1%)	
2C@15W	TWG	G2700K G6500K	RA90	1070	> 0.9				
3C@15W	RGB	620nm 520nm 460nm	\	1000	> 0.9				
4C@15W	RGBW	620nm 520nm 460nm 2700K	\	1000	> 0.9				
4C@15W	RGBA	620nm 520nm 460nm 590nm	\	1000	> 0.9				
GTG2103A-MCA95A1N	20W [30W] [12W]	96x0.5W SMD2835	E2700K	RA80	1920	> 0.9	 [Opal] BDM:120°   [Prismatic] BDP:110°	[CDN]:Non-Dim	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	2040			[CDT]:TRIAC(10%)	
			E3500K	RA80	2040			[CDV]:0/1~10V(8%)	
			E4000K	RA80	2160			[CDV0]:0~10V(1%)	
			E5000K	RA80	2160			[CDV1]:1~10V(10%)	
	20W [30W] [12W]	96x0.5W SMD2835	G2700K	RA90	1530	> 0.9		[CDA]:DALI(1%)	
			G3000K	RA90	1650			[+CDP]:PWM(1%)	
			G3500K	RA90	1650			[Following by Remote Driver]	
			G4000K	RA90	1770			[CDX]:DMX512(1%)	
			G5000K	RA90	1770			[CRZ]:ZIGBEE(1%)	
			G6500K	RA90	1740			[CRF]:2.4G RF(1%)	
2C@20W	TWG	G2700K G6500K	RA90	1530	> 0.9				
3C@20W	RGB	620nm 520nm 460nm	\	1340	> 0.9				
4C@20W	RGBW	620nm 520nm 460nm 2700K	\	1340	> 0.9				
4C@20W	RGBA	620nm 520nm 460nm 590nm	\	1340	> 0.9				
GTG2103A-MCA125A1N	30W [40W] [25W] [20W] [12W]	144x0.5W SMD2835	E2700K	RA80	2880	> 0.9	 [Opal] BDM:120°   [Prismatic] BDP:110°	[CDN]:Non-Dim	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	3060			[CDT]:TRIAC(10%)	
			E3500K	RA80	3060			[CDV]:0/1~10V(8%)	
			E4000K	RA80	3240			[CDV0]:0~10V(1%)	
			E5000K	RA80	3240			[CDV1]:1~10V(10%)	
	30W [40W] [25W] [20W] [12W]	144x0.5W SMD2835	G2700K	RA90	2300	> 0.9		[CDA]:DALI(1%)	
			G3000K	RA90	2480			[+CDP]:PWM(1%)	
			G3500K	RA90	2480			[Following by Remote Driver]	
			G4000K	RA90	2660			[CDX]:DMX512(1%)	
			G5000K	RA90	2660			[CRZ]:ZIGBEE(1%)	
			G6500K	RA90	2610			[CRF]:2.4G RF(1%)	
2C@30W	TWG	G2700K G6500K	RA90	2300	> 0.9				
3C@30W	RGB	620nm 520nm 460nm	\	2000	> 0.9				
4C@30W	RGBW	620nm 520nm 460nm 2700K	\	2000	> 0.9				
4C@30W	RGBA	620nm 520nm 460nm 590nm	\	2000	> 0.9				

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.

**GTG2103A-MCA: ROUND LED GAREN SPOTLIGHT**

**SPECIFICATION**

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTG2103A-MCA40A2A	5W	6x2W SMD3030	E2700K	RA80	480	> 0.9	[Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120°  [TW/RGB] [RGBW/RGBA] BR90D:90°  [Louver] BGL LM-20%	[CDN]:Non-Dim +CDP]:PWM(1%) [Following by Remote Driver]	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	510			[CDT]:TRIAC(10%)	
			E3500K	RA80	510			[CDV]:0/1~10V(8%)	
			E4000K	RA80	540			[CDV0]:0~10V(1%)	
			E5000K	RA80	540			[CDV1]:1~10V(10%)	
	5W [3W]	6x2W SMD3030	G2700K	RA90	380	> 0.9		[CDX]:DMX512(1%)	
			G3000K	RA90	410			[CDA]:DALI(1%)	
			G3500K	RA90	410			[CDP]:PWM(1%)	
			G4000K	RA90	440			[CRZ]:Zigbee (1%)	
			G5000K	RA90	440			[CRF]:2.4G RF(1%)	
2C@5W	TWG	G2700K G6500K	RA90	350	> 0.9	[CRB]:Bluetooth(1%)			
3C@5W	RGB	620nm 520nm 460nm	\	330	> 0.9				
4C@5W	RGBW	620nm 520nm 460nm 2700K	\	330	> 0.9				
4C@5W	RGBA	620nm 520nm 460nm 590nm	\	330	> 0.9				
GTG2103A-MCA50A2A	10W [5W]	12x2W SMD3030	E2700K	RA80	960	> 0.9	[CDN]:Non Dimmable +CDP]:PWM(1%) [CDT]:TRIAC(10%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]	
			E3000K	RA80	1020		[CDV]:0/1~10V(8%)		
			E3500K	RA80	1020		[CDV0]:0~10V(1%)		
			E4000K	RA80	1080		[CDV1]:1~10V(10%)		
			E5000K	RA80	1080				
	10W [5W]	12x2W SMD3030	G2700K	RA90	770	> 0.9	Following by Remote Driver		
			G3000K	RA90	830		[CDX]:DMX512(1%)		
			G3500K	RA90	830		[CDA]:DALI(1%)		
			G4000K	RA90	890		[CRZ]:ZIGBEE(1%)		
			G5000K	RA90	890		[CRF]:2.4G RF(1%)		
2C@10W	TWG	G2700K G6500K	RA90	700	> 0.9	[CRB]:Bluetooth(1%)			
3C@10W	RGB	620nm 520nm 460nm	\	670	> 0.9				
4C@10W	RGBW	620nm 520nm 460nm 2700K	\	670	> 0.9				
4C@10W	RGBA	620nm 520nm 460nm 590nm	\	670	> 0.9				
GTG2103A-MCA65A2A	15W [10W] [5W]	18x2W SMD3030	E2700K	RA80	1340	> 0.9	[CDN]:Non-Dim [CDT]:TRIAC(10%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]	
			E3000K	RA80	1430		[CDV]:0/1~10V(8%)		
			E3500K	RA80	1430		[CDV0]:0~10V(1%)		
			E4000K	RA80	1510		[CDV1]:1~10V(10%)		
			E5000K	RA80	1510		[CDA]:DALI(1%)		
	15W [10W] [5W]	18x2W SMD3030	G2700K	RA90	1070	> 0.9	+CDP]:PWM(1%) Following by Remote Driver		
			G3000K	RA90	1160		[CDX]:DMX512(1%)		
			G3500K	RA90	1160		[CRZ]:ZIGBEE(1%)		
			G4000K	RA90	1240		[CRF]:2.4G RF(1%)		
			G5000K	RA90	1240		[CRB]:Bluetooth(1%)		
2C@15W	TWG	G2700K G6500K	RA90	1070	> 0.9	[CDS]:SPI(1%)			
3C@15W	RGB	620nm 520nm 460nm	\	1000	> 0.9				
4C@15W	RGBW	620nm 520nm 460nm 2700K	\	1000	> 0.9				
4C@15W	RGBA	620nm 520nm 460nm 590nm	\	1000	> 0.9				
GTG2103A-MCA95A2A	20W [30W] [12W]	36x2W SMD3030	E2700K	RA80	1920	> 0.9	[Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120°  [TW/RGB] [RGBW/RGBA] BR90D:90°  [Louver] BGL LM-20%	[CDN]:Non-Dim [CDT]:TRIAC(10%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	2040		[CDV]:0/1~10V(8%)		
			E3500K	RA80	2040		[CDV0]:0~10V(1%)		
			E4000K	RA80	2160		[CDV1]:1~10V(10%)		
			E5000K	RA80	2160		[CDA]:DALI(1%)		
	20W [30W] [12W]	36x2W SMD3030	G2700K	RA90	1530	> 0.9	+CDP]:PWM(1%) Following by Remote Driver		
			G3000K	RA90	1650		[CDX]:DMX512(1%)		
			G3500K	RA90	1650		[CRZ]:ZIGBEE(1%)		
			G4000K	RA90	1770		[CRF]:2.4G RF(1%)		
			G5000K	RA90	1770		[CRB]:Bluetooth(1%)		
2C@20W	TWG	G2700K G6500K	RA90	1530	> 0.9	[CDS]:SPI(1%)			
3C@20W	RGB	620nm 520nm 460nm	\	1340	> 0.9				
4C@20W	RGBW	620nm 520nm 460nm 2700K	\	1340	> 0.9				
4C@20W	RGBA	620nm 520nm 460nm 590nm	\	1340	> 0.9				
GTG2103A-MCA125A2A	30W [40W] [20W] [12W]	48x2W SMD3030	E2700K	RA80	2880	> 0.9	[Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120°  [TW/RGB] [RGBW/RGBA] BR90D:90°  [Louver] BGL LM-20%	[CDN]:Non-Dim [CDT]:TRIAC(10%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	3060		[CDV]:0/1~10V(8%)		
			E3500K	RA80	3060		[CDV0]:0~10V(1%)		
			E4000K	RA80	3240		[CDV1]:1~10V(10%)		
			E5000K	RA80	3240		[CDA]:DALI(1%)		
	30W [40W] [20W] [12W]	48x2W SMD3030	G2700K	RA90	2300	> 0.9	+CDP]:PWM(1%) Following by Remote Driver		
			G3000K	RA90	2480		[CDX]:DMX512(1%)		
			G3500K	RA90	2480		[CRZ]:ZIGBEE(1%)		
			G4000K	RA90	2660		[CRF]:2.4G RF(1%)		
			G5000K	RA90	2660		[CRB]:Bluetooth(1%)		
2C@30W	TWG	G2700K G6500K	RA90	2300	> 0.9	[CDS]:SPI(1%)			
3C@30W	RGB	620nm 520nm 460nm	\	2000	> 0.9				
4C@30W	RGBW	620nm 520nm 460nm 2700K	\	2000	> 0.9				
4C@30W	RGBA	620nm 520nm 460nm 590nm	\	2000	> 0.9				

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.

**GTG2103A-MCA: ROUND LED GAREN SPOTLIGHT**

**SPECIFICATION**





MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTG2103A-MCA40A2B	3W [5W]	3x2W SMD3030	G2700K	RA90	220	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°	[CDN]:Non-Dim [+CDP]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V ] [+CV DC24V ]
			G3000K	RA90	235				
			G3500K	RA90	235				
			G4000K	RA90	250				
			G5000K	RA90	250				
	G6500K	RA90	240						
	2C@3W	TWG	G2700K	G6500K	RA90	160	>0.9	[OTHERS by Remote Driver]	
3C@3W	RGB	620nm	520nm	460nm	\	160	>0.9		
4C@3W	RGBW	620nm	520nm	460nm	2700K	\	160	>0.9	
4C@3W	RGBA	620nm	520nm	460nm	590nm	\	160	>0.9	
GTG2103A-MCA50A2B	5W [7W]	5x2W SMD3030	G2700K	RA90	360	>0.9	[Oval] BLV15x60° [Louver] BGL LM-20%	[CDN]:Non-Dim [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [+CDP]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V ] [+CV DC24V ] [+CV DC42V ]
			G3000K	RA90	390				
			G3500K	RA90	390				
			G4000K	RA90	420				
			G5000K	RA90	420				
	G6500K	RA90	410						
	2C@5W	TWG	G2700K	G6500K	RA90	260	>0.9	[OTHERS by Remote Driver]	
3C@5W	RGB	620nm	520nm	460nm	\	260	>0.9		
4C@5W	RGBW	620nm	520nm	460nm	2700K	\	260	>0.9	
4C@5W	RGBA	620nm	520nm	460nm	590nm	\	260	>0.9	
GTG2103A-MCA65A2B	6W [10W]	6x2W SMD3030	G2700K	RA90	430	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°	[CDN]: Non Dimmable [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDA]:DALI(1%) [+CDP]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V ] [+CV DC24V ] [+CV DC42V ]
			G3000K	RA90	460				
			G3500K	RA90	460				
			G4000K	RA90	500				
			G5000K	RA90	500				
	G6500K	RA90	585						
	2C@6W	TWG	G2700K	G6500K	RA90	340	>0.9	[OTHERS by Remote Driver]	
3C@6W	RGB	620nm	520nm	460nm	\	340	>0.9		
4C@6W	RGBW	620nm	520nm	460nm	2700K	\	340	>0.9	
4C@6W	RGBA	620nm	520nm	460nm	590nm	\	340	>0.9	
GTG2103A-MCA95A2B	12W [20W] [12W] [10W]	12x2W SMD3030	G2700K	RA90	870	>0.9	[Oval] BLV15x60°	[CDX]:DMX512(1%) [CDA]:DALI(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%) [CDZ]:Zigbee(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V ] [+CV DC24V ] [+CV DC42V ]
			G3000K	RA90	940				
			G3500K	RA90	940				
			G4000K	RA90	1000				
			G5000K	RA90	1000				
	G6500K	RA90	980						
	2C@12W	TWG	G2700K	G6500K	RA90	660	>0.9	[OTHERS by Remote Driver]	
3C@12W	RGB	620nm	520nm	460nm	\	660	>0.9		
4C@12W	RGBW	620nm	520nm	460nm	2700K	\	660	>0.9	
4C@12W	RGBA	620nm	520nm	460nm	590nm	\	660	>0.9	
GTG2103A-MCA125A2B	25W [20W] [12W]	24x2W SMD3030	G2700K	RA90	1740	>0.9	[Louver] BGL LM-20%	[CSL]: Photocell Lux Sensor	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V ] [+CV DC24V ] [+CV DC42V ]
			G3000K	RA90	1870				
			G3500K	RA90	1870				
			G4000K	RA90	2000				
			G5000K	RA90	2000				
	G6500K	RA90	1950						
	2C@25W	TWG	G2700K	G6500K	RA90	1300	>0.9	[OTHERS by Remote Driver]	
3C@25W	RGB	620nm	520nm	460nm	\	1300	>0.9		
4C@25W	RGBW	620nm	520nm	460nm	2700K	\	1300	>0.9	
4C@25W	RGBA	620nm	520nm	460nm	590nm	\	1300	>0.9	
GTG2103A-MCA160A2B MCH160A2B	50W [40W] [30W]	48x2W SMD3030	G2700K	RA90	3480	>0.9	[Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° T5: 150°	[CSMD]: Big-level Microwave Motion Sensor	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V ] [+CV DC24V ] [+CV DC42V ]
			G3000K	RA90	3750				
			G3500K	RA90	3750				
			G4000K	RA90	4020				
			G5000K	RA90	4020				
	G6500K	RA90	3930						
	2C@50W	TWG	G2700K	G6500K	RA90	2620	>0.9	[OTHERS by Remote Driver]	
3C@50W	RGB	620nm	520nm	460nm	\	2620	>0.9		
4C@50W	RGBW	620nm	520nm	460nm	2700K	\	2620	>0.9	
4C@50W	RGBA	620nm	520nm	460nm	590nm	\	2620	>0.9	
GTG2103A-MCA200A2B MCH200A2B	75W [60W] [50W]	72x2W SMD3030	G2700K	RA90	5220	>0.9	[Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° T5: 150°	[CBE4W90MIN]: EM Backup	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V ] [+CV DC24V ] [+CV DC42V ]
			G3000K	RA90	5620				
			G3500K	RA90	5620				
			G4000K	RA90	6030				
			G5000K	RA90	6030				
	G6500K	RA90	5910						
	2C@75W	TWG	G2700K	G6500K	RA90	4020	>0.9	[OTHERS by Remote Driver]	
3C@75W	RGB	620nm	520nm	460nm	\	4020	>0.9		
4C@75W	RGBW	620nm	520nm	460nm	2700K	\	4020	>0.9	
4C@75W	RGBA	620nm	520nm	460nm	590nm	\	4020	>0.9	

**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.

**GTG2103A-MCA: ROUND LED GAREN SPOTLIGHT**

**SPECIFICATION**

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTG2103A-MCA65A3C-MCH65A3C	10W	3x10W SMD3535	E2700K	RA80	730	>0.9			
			E3000K	RA80	750				
			E3500K	RA80	750				
			E4000K	RA80	830				
			E5000K	RA80	830				
			E6500K	RA80	820				
	10W	3x10W SMD3535	G2700K	RA90	460	>0.9			
			G3000K	RA90	480				
			G3500K	RA90	480				
			G4000K	RA90	530				
			G5000K	RA90	530				
			G6500K	RA90	510				
2C@10W	TWG	G2700K	G6500K	RA90	460	>0.9			
3C@10W	RGB	620nm	520nm	460nm	\	460	>0.9		
4C@10W	RGBW	620nm	520nm	460nm	2700K	\	460	>0.9	
4C@10W	RGBA	620nm	520nm	460nm	590nm	\	460	>0.9	
GTG2103A-MCA95A3C-MCH95A3C	20W [12W]	6x10W SMD3535	E2700K	RA80	1460	>0.9	[Symmetric] BL6D:6° BL10D:10° BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60°	[CDN]:Non-Dim  [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDA]:DALI(1%)  [+CDP]:PWM(1%)  Following by Remote Driver	
			E3000K	RA80	1510				
			E3500K	RA80	1510				
			E4000K	RA80	1660				
			E5000K	RA80	1660				
			E6500K	RA80	1640				
	20W [12W]	6x10W SMD3535	G2700K	RA90	920	>0.9			
			G3000K	RA90	950				
			G3500K	RA90	950				
			G4000K	RA90	1050				
			G5000K	RA90	1050				
			G6500K	RA90	1020				
2C@20W	TWG	G2700K	G6500K	RA90	920	>0.9			
3C@20W	RGB	620nm	520nm	460nm	\	920	>0.9		
4C@20W	RGBW	620nm	520nm	460nm	2700K	\	920	>0.9	
4C@20W	RGBA	620nm	520nm	460nm	590nm	\	920	>0.9	
GTG2103A-MCA125A3C-MCH125A3C	30W [40W] [25W] [12W]	12x10W SMD3535	E2700K	RA80	2480	>0.9	[Oval] BLV15x45° BLV15x60°	[CSL]: Photocell Lux Sensor  [CSPD]: Big-level PIR Motion Sensor  [CSMD]: Big-level Microwave Motion Sensor 	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]
			E3000K	RA80	2630				
			E3500K	RA80	2630				
			E4000K	RA80	2860				
			E5000K	RA80	2860				
			E6500K	RA80	2860				
	30W [40W] [25W] [12W]	12x10W SMD3535	G2700K	RA90	1560	>0.9			
			G3000K	RA90	1610				
			G3500K	RA90	1610				
			G4000K	RA90	1810				
			G5000K	RA90	1810				
			G6500K	RA90	1740				
2C@30W	TWG	G2700K	G6500K	RA90	1260	>0.9			
3C@30W	RGB	620nm	520nm	460nm	\	1260	>0.9		
4C@30W	RGBW	620nm	520nm	460nm	2700K	\	1260	>0.9	
4C@30W	RGBA	620nm	520nm	460nm	590nm	\	1260	>0.9	
GTG2103A-MCA160A3C-MCH160A3C	50W [40W]	18x10W SMD3535	E2700K	RA80	4120	>0.9	[BGL] Louver LM-15% 	Following For (MC95)/(MC125) [CBE4W90MIN]: EM Backup Following For (MC125)/(MC160) [CBE8W90MIN]: EM Backup Following For (MC160)/(MC200) [CBE25W90MIN]: EM Backup	
			E3000K	RA80	4380				
			E3500K	RA80	4380				
			E4000K	RA80	4770				
			E5000K	RA80	4770				
			E6500K	RA80	4750				
	50W [40W]	18x10W SMD3535	G2700K	RA90	2600	>0.9			
			G3000K	RA90	2680				
			G3500K	RA90	2680				
			G4000K	RA90	3060				
			G5000K	RA90	3060				
			G6500K	RA90	2900				
2C@50W	TWG	G2700K	G6500K	RA90	2260	>0.9			
3C@50W	RGB	620nm	520nm	460nm	\	2260	>0.9		
4C@50W	RGBW	620nm	520nm	460nm	2700K	\	2260	>0.9	
4C@50W	RGBA	620nm	520nm	460nm	590nm	\	2260	>0.9	
GTG2103A-MCA200A3C-MCH200A3C	60W [50W] [40W]	24x10W SMD3535	E2700K	RA80	4850	>0.9			
			E3000K	RA80	5020				
			E3500K	RA80	5020				
			E4000K	RA80	5560				
			E5000K	RA80	5560				
			E6500K	RA80	5450				
	60W [50W] [40W]	24x10W SMD3535	G2700K	RA90	3080	>0.9			
			G3000K	RA90	3180				
			G3500K	RA90	3180				
			G4000K	RA90	3510				
			G5000K	RA90	3510				
			G6500K	RA90	3410				
2C@60W	TWG	G2700K	G6500K	RA90	3080	>0.9			
3C@60W	RGB	620nm	520nm	460nm	\	3080	>0.9		
4C@60W	RGBW	620nm	520nm	460nm	2700K	\	3080	>0.9	
4C@60W	RGBA	620nm	520nm	460nm	590nm	\	3080	>0.9	

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.

[FFS] Flush Surface Mounted Light

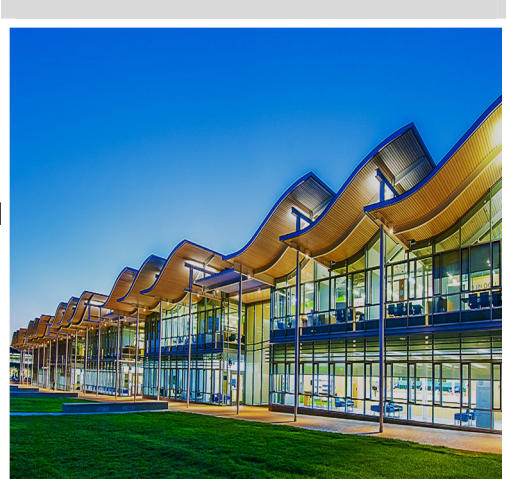
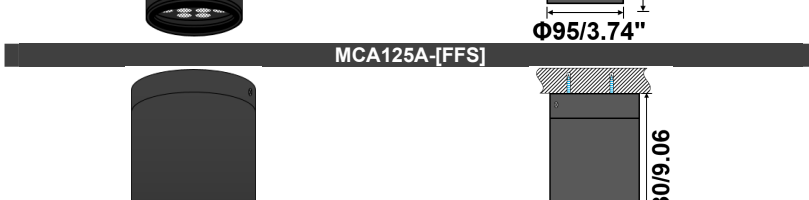
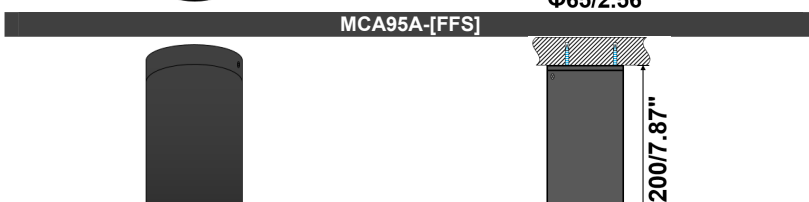
DIMENSION: [UNIT: MM]

NOTES:

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

MCA40A-[FFS]

CASE STUDY:



[FPS] Stem Pendant

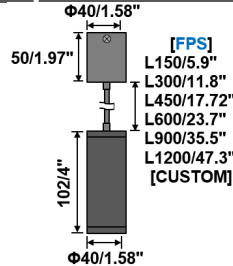
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NOTES:

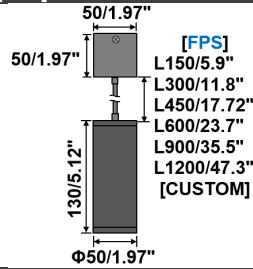
Custom "Pendant" Installation and Accessories Referred to Another Catalogue of Fixing Kits.

(MCA40A)-[FPS]

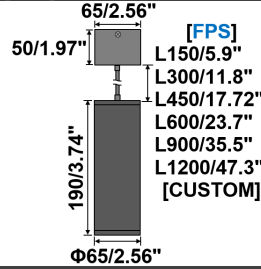
CASE STUDY:



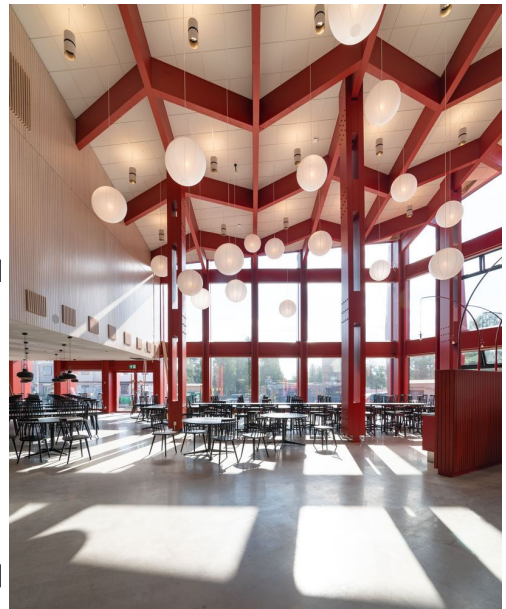
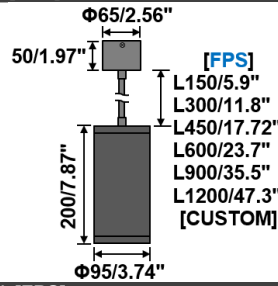
(MCA50A)-[FPS]



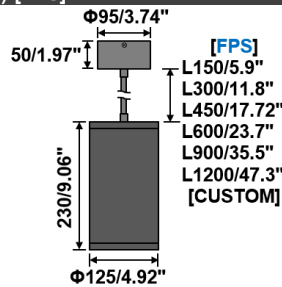
(MCA65A)-[FPS]



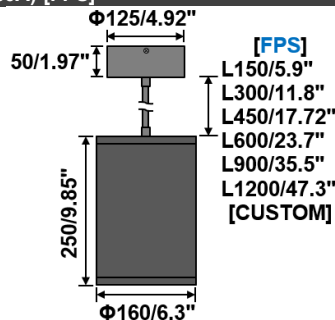
(MCA95A)-[FPS]



(MCA125A)-[FPS]



(MCA160A)-[FPS]



[FWA] Wall Mounted Light

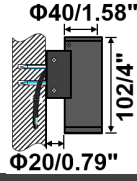
DIMENSION: [UNIT: MM]

NOTES:

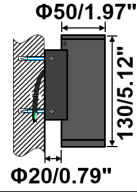
Custom "Fixing Plate on Outlet Box" Referred to Another Catalogue of Fixing Kits.

MCA40A-[FWA]

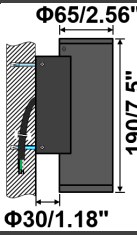
CASE STUDY:



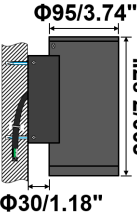
MCA50A-[FWA]



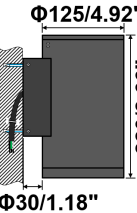
MCA65A-[FWA]



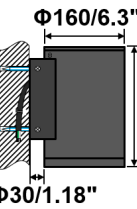
MCA95A-[FWA]



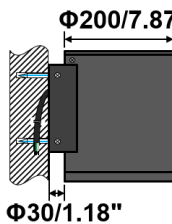
MCA125A-[FWA]



MCA160A-[FWA]



MCA200A-[FWA]



MCA50A-[BGCS-C50A-L458]  
Lighting Guide Column





[FWH] Wall Mounted Light

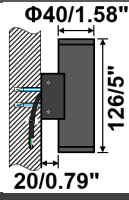
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NOTES:

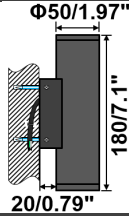
Custom "Fixing Plate on Outlet Box" Referred to Another Catalogue of Fixing Kits.

MCH40A-[FWH]

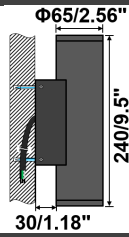
CASE STUDY:



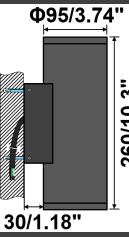
MCH50A-[FWH]



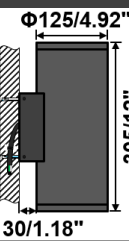
MCH65A-[FWH]



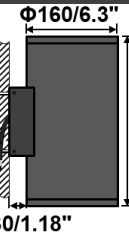
MCH95A-[FWH]



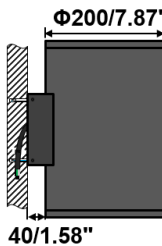
MCH125A-[FWH]



MCH160A-[FWH]




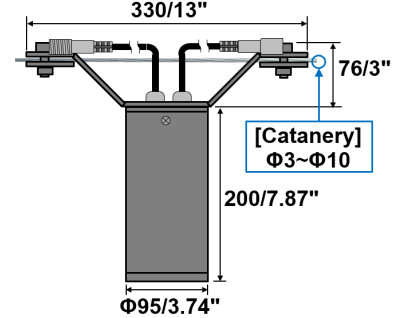
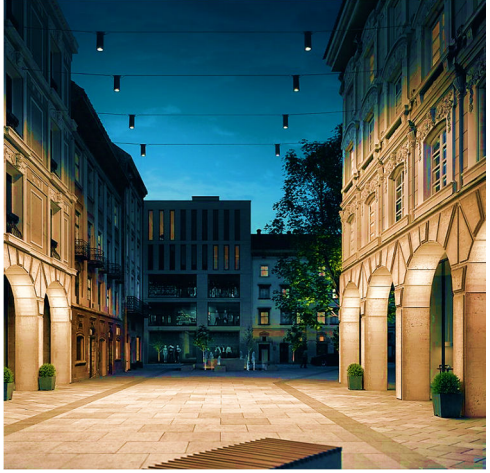
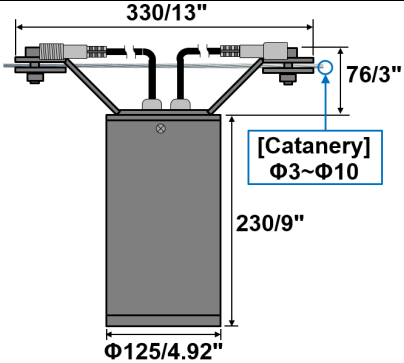

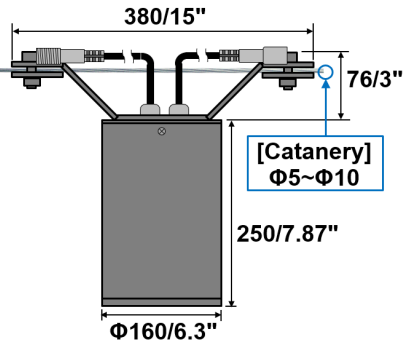

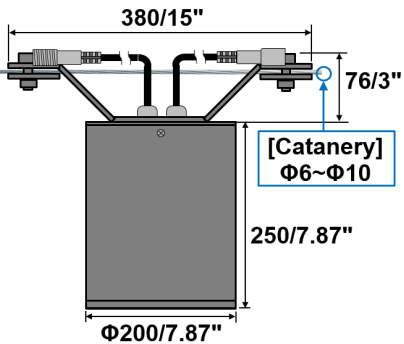

MCH200A-[FWH]



[FPC] Catenary Pendant

DIMENSION: [UNIT: MM]

NOTES: Custom "Pendant" Installation and Accessories Referred to Another Catalogue of Fixing Kits.

(MCA95A)-[FPC]		CASE STUDY:
		
		
		
		
		

[FSC-A] Slip Fitter

DIMENSION: [UNIT: MM]

NOTES: Custom "FSC" Installation and Accessories Referred to Another Catalogue of Fixing Kits.

<p>MCA40A-[FSC25A]</p>	<p>MCA50A-[FSC25A]</p>
<p>MCA65A-[FSC25A]</p>	<p>MCA95A-[FSC25A]</p>
<p>MCA95A-[FSC50A]</p>	<p>MCA125A-[FSC25A]</p>
<p>MCA125A-[FSC50A]</p>	<p>MCA125A-[FSC60A]</p>
<p>MCA160A-[FSC50A]</p>	<p>MCA160A-[FSC60A]</p>
<p>MCA200A-[FSC50A]</p>	<p>MCA200A-[FSC60A]</p>

CASE STUDY:

MCA40A-MQ2A180D  
FSC25A-PSA-C35A

MCA50A-MQ2A90D  
MCA40A-MQ2S  
FSC25A-PSA-C125A



MCA125A-MTD-[FSC60A]  
FIXTURE: FSC50-PSA-C90A-L3600



MCA125A-[FSC60A]  
FIXTURE: FSC50-M2A180D-PSA-C90A-L3600

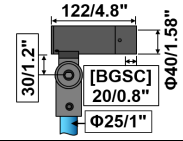
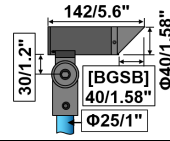
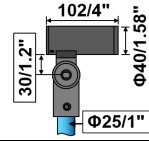


**[FSC-D] Slip Fitter**

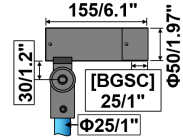
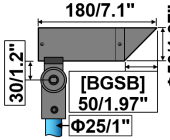
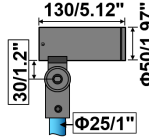
**DIMENSION: [UNIT: MM]**

**NOTES:** Custom "FSC" Installation and Accessories Referred to Another Catalogue of Fixing Kits.

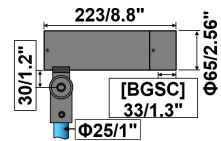
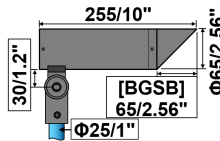
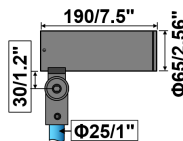
**MODEL: MCA40A-[FSC25D]**



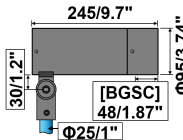
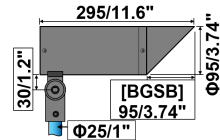
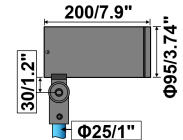
**MODEL: MCA50A-[FSC25D]**



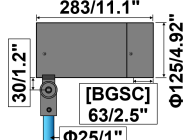
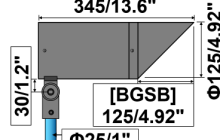
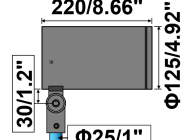
**MODEL: MCA65A-[FSC25D]**



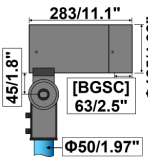
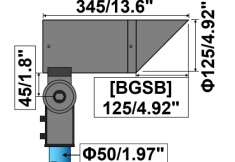
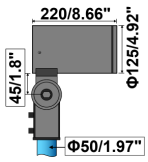
**MODEL: MCA95A-[FSC25D]**



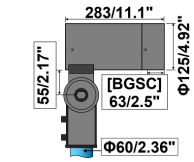
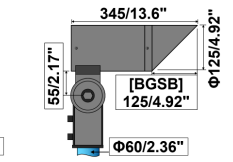
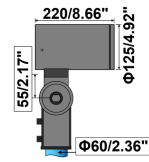
**MODEL: MCA125A-[FSC25D]**



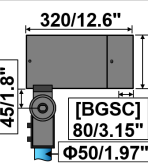
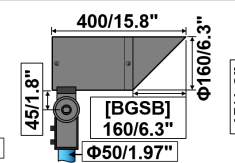
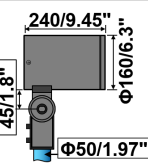
**MODEL: MCA125A-[FSC50D]**



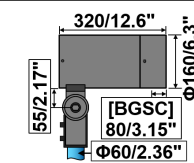
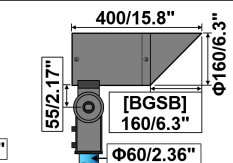
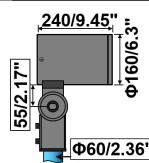
**MODEL: MCA125A-[FSC60D]**



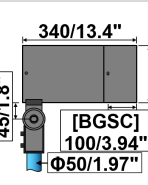
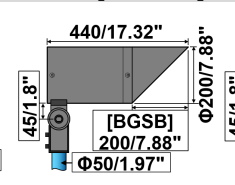
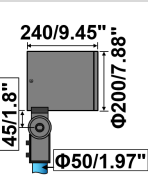
**MODEL: MCA160A-[FSC50D]**



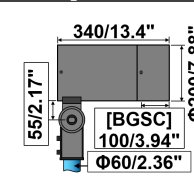
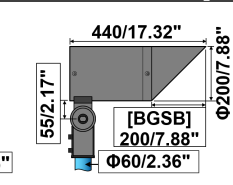
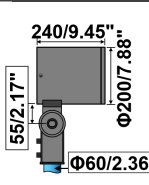
**MODEL: MCA160A-[FSC60D]**



**MODEL: MCA200A-[FSC50D]**



**MODEL: MCA200A-[FSC60D]**



**CASE STUDY**

FIXTURE: [FSC25D-PSA-C125A]



FIXTURE: [FSC25D-FBB]



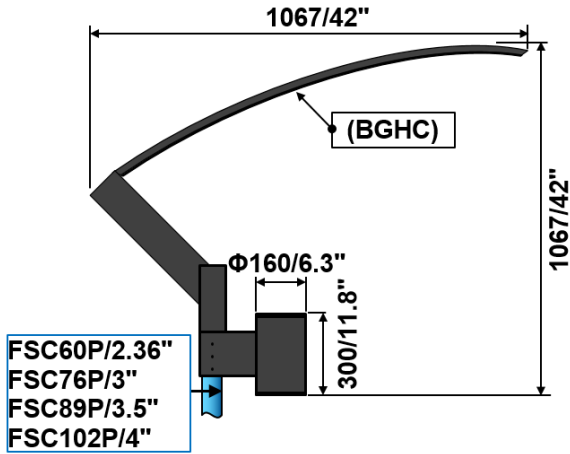
FIXTURE: [FSC25D-FBS]



**MCH160A-[MQ1A-FSC-P]-BGHC: Parallel Slip Fitter and Curved Reflector Hood**

DIMENSION: [UNIT: MM]

CASE STUDY



**MCH160A-[MQ2A180D-FSC-P]-BGHC: Parallel Slip Fitter and Curved Reflector Hood**

DIMENSION: [UNIT: MM]

CASE STUDY

