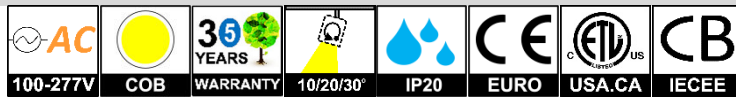
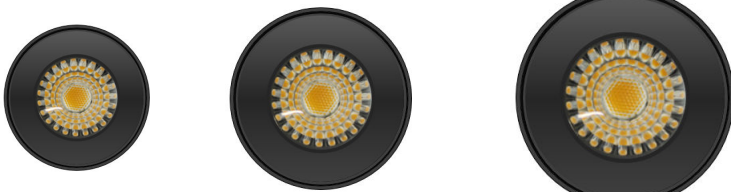


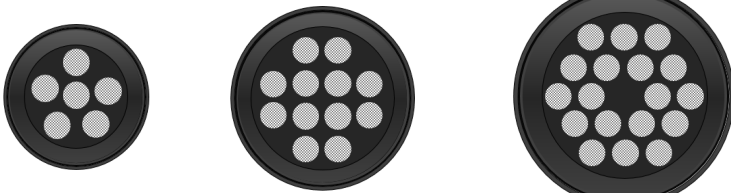
GTR4102A: LED SPOTLIGHT



MCA70A5L BL10°/20°/30°	MCA90A5L BL10°/20°/30°	MCA110A5L MCA110B5L BL10°/20°/30°
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MCA70A3B BL15°/30°/60°/90° BLV15x45° BLV15x60°	MCA90A3B BL15°/30°/60°/90° BLV15x45° BLV15x60°	MCA110A3B MCA110B3B BL15°/30°/60°/90° BLV15x45° BLV15x60°
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MCA90A2ES BL60°/90°	MCA110A2ES MCA110B2ES BL60°/90°
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MCA90A2ES BLV60x90°	MCA110A2ES MCA110B2ES BLV60x90°
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INTRODUCTION

FEATURES

Optimized Antiglare Deep Baffled Spotlight
Long Lifespan Design > 50,000hours
Working Ambient Temperature: -30°C~+50°C

MATERIALS & FINISH

LED Brand: LUMINUS&GUBO
Internal Driver Brand: GUBO
Housing: Aluminum Radiator Housing
Optics: Clear PMMA Lens
[FTK3] Fitment: 3-Wire Single Circuit

INSTALLATION

Suitable for Interior Ceiling Light, like Shop.....
Tilt Adjustable +90°, Horizontal Swivel 350°
[FTK2] Fitment: 2-Wire Single Circuit
[FTK4] Fitment: 4-Wire Three Circuit
[FTK4D] Fitment: 4-Wire Single Circuit, Dimming
[FTK6D] Fitment: 6-Wire Three Circuit, Dimming
[FRF]: Flush Recessed Trim Fixture
[FFS]: Flush Surface Mounted
[FPS]: Stem Pendant
[FWA]: Wall Surface Mounted
[FWH]: Updown Lighting 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.

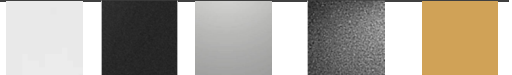
STANDARD

Designed and Manufactured to Comply with
CE/RoHS/EMF/TUV/SAA/Erp/cETL/FCC
IP20 Protection, Class II Electric

CUSTOM OPTION

LED CCT: 1800K~6500K/R/G/B/A
[CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)
[CDV1-KB]: 0~10V Dimming Knob
[CDV2-KB]: 0~10V TW Dimming Knob

WHITE	BLACK	GREY	DARK GREY	BRASS
RAL9010P	RAL9005P	RAL7042P	RAL7016P	RAL1024P



WHITE	BLACK	GREY	DARK GREY	BRASS
RAL9010P	RAL9005P	RAL7042P	RAL7016P	RAL1024P



CUSTOM OPTIONAL ACCESSOIRES

[BGL] Louver	[BGSC] Cylinder Shiled	[FFS] Surface Mounted	[FJP] Mounting Plate	[FRTS] Recessed Trim	[FTK] Track Fitment

[BGC] Custom Lighting Guide Column

[BGCC] Clear	[BGCF] Frosted	[BGCB] Clear Bulbble	[BGCS] Clear Stripe	DIMENSION: [UNIT: MM]	
					BL25/1" BL51/2"

GTR4102A: LED SPOTLIGHT

INTRODUCTION

MODEL	POWER [W]	LED TYPE	CCT [K]		CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]	
GTR4102A-MCA70A5L	10W [7W]	CXM-6 COB	G2700K		RA90	840	>0.9	 [Symmetric] BL10D:10° BL20D:20° BL30D:30°  [RGBTW] BL36D:36°  [Louver] BGL LM-25%	[CDN]:Non-dimmable [+CDP]:PWM(1%) [CDT]:TRIAC(10%) [Following by Remote Driver] [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	AC100~277V [AC100~240V] [AC110~130V] [AC100~347V] 50/60Hz [CV DC12V] [CV DC24V] [CV DC42V]	
			G3000K		RA90	880					
			G3500K		RA90	880					
			G4000K		RA90	920					
			G5000K		RA90	920					
			G6500K		RA90	900					
	10W [7W]	CXM-6 COB	H2700K		RA97	760	>0.9				
			H3000K		RA97	790					
			H3500K		RA97	790					
H4000K			RA97	860							
H5000K			RA97	860							
H5700K		RA97	840								
2C@10W	TWH	H2700K		H5700K		RA97	560		>0.9		
2C@10W	RGBTW	620nm	520nm	460nm	H2700K	H5700K	/		560		>0.9
GTR4102A-MCA90A5L	15W [12W]	CXM-9 COB	G2700K		RA90	1170	>0.9				
			G3000K		RA90	1230					
			G3500K		RA90	1230					
			G4000K		RA90	1280					
			G5000K		RA90	1280					
			G6500K		RA90	1250					
	15W [12W]	CXM-9 COB	H2700K		RA97	1060	>0.9				
			H3000K		RA97	1100					
			H3500K		RA97	1100					
H4000K			RA97	1210							
H5000K			RA97	1210							
H5700K		RA97	1180								
2C@15W	TWH	H2700K		H5700K		RA97	780	>0.9			
5C@15W	RGBTW	620nm	520nm	460nm	H2700K	H5700K	/	780	>0.9		
GTR4102A-MCA110A5L	25W [20W] [15W]	CXM-9 COB	G2700K		RA90	1940	>0.9				
			G3000K		RA90	2020					
			G3500K		RA90	2020					
			G4000K		RA90	2100					
			G5000K		RA90	2100					
			G6500K		RA90	2050					
	25W [20W] [15W]	CXM-9 COB	H2700K		RA97	1820	>0.9				
			H3000K		RA97	1880					
			H3500K		RA97	1880					
H4000K			RA97	2070							
H5000K			RA97	2070							
H5700K		RA97	2020								
2C@25W	TWH	H2700K		H5700K		RA97	1350	>0.9			
5C@25W	RGBTW	620nm	520nm	460nm	H2700K	H5700K	/	1350	>0.9		
GTR4102A-MCA110B5L	35W [30W] [25W]	CXM-9 COB	G2700K		RA90	2900	>0.9				
			G3000K		RA90	3030					
			G3500K		RA90	3030					
			G4000K		RA90	3150					
			G5000K		RA90	3150					
			G6500K		RA90	3080					
	35W [30W] [25W]	CXM-9 COB	H2700K		RA97	2730	>0.9				
			H3000K		RA97	2830					
			H3500K		RA97	2830					
H4000K			RA97	3100							
H5000K			RA97	3100							
H5700K		RA97	3030								
2C@35W	TWH	H2700K		H5700K		RA97	2020	>0.9			
5C@35W	RGBTW	620nm	520nm	460nm	H2700K	H5700K	/	2020	>0.9		

NOTE:

All parameters are measured at 25℃ ambient temperature, 35% humidity experimental environment.
Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.

MODEL	POWER 【W】	LED TYPE	CCT 【K】		CRI	FLUX 【LM】	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT 【V】	
GTR4102A- MCA90A2ES	15W [12W]	24x2W SMD3030	G1800K		RA90	1100	>0.9	[Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV60x90° [Louver] BGL LM-25% 	[CDN]:Non-dimmable [+CDP]:PWM(1%) [CDT]:TRIAC(10%) [Following by Remote Driver] [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [CV DC12V] [CV DC24V] [CV DC42V]	
			G2200K		RA90	1230					
			G2500K		RA90	1360					
			G2700K		RA90	1440					
			G3000K		RA90	1530					
			G3500K		RA90	1530					
			G4000K		RA90	1620					
			G5000K		RA90	1620					
			G5700K		RA90	1620					
	G6500K		RA90	1620							
	2C@15W	TWG	G2700K	G6500K	RA90	1130	>0.9				
	3C@15W	RGB	620nm	520nm	460nm	\	1130	>0.9			
	4C@15W	RGBW	620nm	520nm	460nm	2700K	\	1130	>0.9		
	4C@15W	RGBA	620nm	520nm	460nm	590nm	\	1130	>0.9		

NOTE:

All parameters are measured at 25℃ ambient temperature, 35% humidity experimental environment.
Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.

GTR4102A: LED SPOTLIGHT

INTRODUCTION

MODEL	POWER 【W】	LED TYPE	CCT 【K】	CRI	FLUX 【LM】	POWER FACTOR	BEAM ANGLE	REMOTE CUSTOM	INPUT 【V】
GTR4102A- MCA110B2ES	35W [25W] [20W]	36x2W SMD3030	G1800K	RA90	2690	>0.9	[Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV60x90° [Louver] BGL LM-25% 	[CDN]:Non-dimmable [CDP]:PWM(1%) [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [Following by Remote Driver] [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [CV DC12V] [CV DC24V] [CV DC42V]
			G2200K	RA90	2980				
			G2500K	RA90	3320				
			G2700K	RA90	3500				
			G3000K	RA90	3720				
			G3500K	RA90	3720				
			G4000K	RA90	3930				
			G5000K	RA90	3930				
			G5700K	RA90	3930				
			G6500K	RA90	3930				
	2C@35W	TWG	G2700K	G6500K	RA90	2630	>0.9		
	3C@25W	RGB	620nm	520nm	460nm	\	2000	>0.9	
	4C@25W	RGBW	620nm	520nm	460nm	2700K	\	2000	>0.9
	4C@25W	RGBA	620nm	520nm	460nm	590nm	\	2000	>0.9

NOTE:

All parameters are measured at 25℃ ambient temperature, 35% humidity experimental environment.
Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.

MODEL	POWER 【W】	LED TYPE	CCT 【K】		CRI	FLUX 【LM】	POWER FACTOR	BEAM ANGLE	REMOTE CUSTOM	INPUT 【V】
GTR4102A- MCA70A3B	10W [7W]	6x10W SMD3535	E2700K		RA80	1080	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° [Oval] BLV15x45° BLV15x60° BLV20x60° [Louver] BGL LM-25% 	[CDN]:Non-dimmable [+CDP]:PWM(1%) [CDT]:TRIAC(10%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz
			E3000K		RA80	1150				
			E3500K		RA80	1150				
			E4000K		RA80	1250				
			E5000K		RA80	1250				
	10W [7W]	6x10W SMD3535	E6500K		RA80	1240	>0.9			
			G2700K		RA90	790				
			G3000K		RA90	820				
			G3500K		RA90	820				
			G4000K		RA90	890				
2C@10W 3C@10W 4C@10W 4C@10W	TWG RGB RGBW RGBA	G2700K		G6500K	RA90	550	>0.9			
		620nm		520nm	460nm	\	550	>0.9		
		620nm		520nm	460nm	2700K	\	550	>0.9	
		620nm		520nm	460nm	590nm	\	550	>0.9	
GTR4102A- MCA90A3B	15W [12W]	12x10W SMD3535	E2700K		RA80	1510	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° [Oval] BLV15x45° BLV15x60° BLV20x60° [Louver] BGL LM-25% 	[CDN]:Non-dimmable [+CDP]:PWM(1%) [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	[CV DC12V] [CV DC24V] [CV DC42V]
			E3000K		RA80	1610				
			E3500K		RA80	1610				
			E4000K		RA80	1750				
			E5000K		RA80	1750				
	15W [12W] [10W]	12x10W SMD3535	E6500K		RA80	1790	>0.9			
			G2700K		RA90	950				
			G3000K		RA90	980				
			G3500K		RA90	980				
			G4000K		RA90	1100				
2C@15W 3C@15W 4C@15W 4C@15W	TWG RGB RGBW RGBA	G5000K		RA90	1100	>0.9				
		G5700K		RA90	1100					
		G6500K		RA90	1060					
		G2700K		G6500K	RA90		920	>0.9		
		620nm		520nm	460nm		\	920	>0.9	
GTR4102A- MCA110B3B	35W [25W] [20W]	18x10W SMD3535	E2700K		RA80	3880	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° [Oval] BLV15x45° BLV15x60° BLV20x60° [Louver] BGL LM-25% 	[CDN]:Non-dimmable [CDP]:PWM(1%) [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz
			E3000K		RA80	4120				
			E3500K		RA80	4120				
			E4000K		RA80	4490				
			E5000K		RA80	4490				
	35W [25W] [20W]	18x10W SMD3535	E6500K		RA80	4470	>0.9			
			G2700K		RA90	2440				
			G3000K		RA90	2520				
			G3500K		RA90	2520				
			G4000K		RA90	2830				
2C@35W 3C@25W 4C@25W 4C@25W	TWG RGB RGBW RGBA	G5000K		RA90	2830	>0.9				
		G5700K		RA90	2830					
		G6500K		RA90	2730					
		G2700K		G6500K	RA90		1970	>0.9		
		620nm		520nm	460nm		\	1970	>0.9	
4C@25W 4C@25W 4C@25W 4C@25W	RGBW RGBA RGBA RGBA	620nm		520nm	460nm	2700K	\	1970	>0.9	
		620nm		520nm	460nm	590nm	\	1970	>0.9	

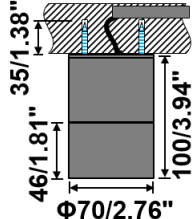
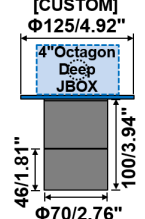
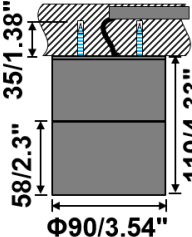
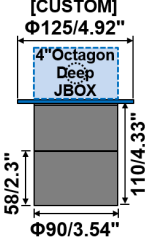
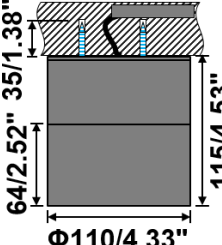
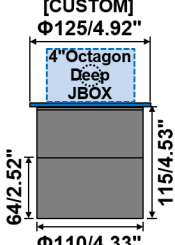
NOTE:

All parameters are measured at 25℃ 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

DIMENSION: [UNIT: MM]

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

MODEL: MCA70A	MCA70A-[FFS-C70H54A]	MCA70A-[FJP-C125A]
		
MODEL: MCA90A	MCA90A-[FFS-C90H52A]	MCA90A-[FJP-C125A]
		
MODEL: MCA110A	MCA110A-[FFS-C110H51A]	MCA110A-[FJP-C125A]
		
MODEL: MCA110B	MCA110B-[FFS-C110H65A]	MCA110B-[FJP-C125A]
	