

**GTG8102A: LED INGROUND LIGHT**



**INTRODUCTION**

**FEATURE**

Walk-over Inground Lighting  
 Multiple Functions Perfectly Match High Demands  
 Anti-Glare Design Matched by Accurate Lens  
 Long Lifespan >50,000hours  
 Working Temperature: -30℃~50℃

**MAIN MATERIAL**

LED Brand: GUBO  
 Driver Brand: GUBO  
 Housing: Aluminum Radiator Housing  
 Trim: SUS304 Stainless Steel  
 Fittings: Corrosion-resistant Plastic Sleeve  
 Diffuser: Clear Tempered Glass Diffuser  
 Pre-wired: 0.3meters 3x0.5mm<sup>2</sup> Power Cable

**INSTALLATION**

Ground or Wall Recessed  
 Maximum Bearing Weight: 1500kgs  
 Fitting: Screwed into Buried Sleeve  
**Notes:** Sleeve need to be Pre-embedded in Advance.  
**Notes:** JBOX need to be Pre-embedded in Advance.  
 Suitable for Exterior Light, Like Building, Plaza .....

**STANDARD**

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

IP67 and IK10 Protection, Class I / III Electric

**OPTIONS**

LED CCT: 1,800K~10,000K/R/G/B/Y  
 [CRI]: [E] RA80, [G] RA90, [H] RA97  
 [CCB-FM]: With Male Waterproof Connector  
 [Trim-SUS316]: SUS316 Stainless Steel  
 [FRGS-A]: Custom Toughed Aluminum Sleeve  
 F3 Custom Baffle Finish Color: by RAL code



**DIMENSION: [UNIT: MM]**

	<b>CUTOUT</b>	
MCA60A: Φ65/2.56"	[ Φ60/2.36" x H140/5.5" ]	MCA60A: 85/3.35"
MCA75A: Φ80/3.15"	[ Φ75/2.95" x H140/5.5" ]	MCA75A: 95/3.74"
MCA95A: Φ100/3.94"	[ Φ95/3.94" x H150/6" ]	MCA95A: 100/3.94"
MCA115A: Φ120/4.73"	[ Φ115/4.53" x H150/6" ]	MCA115A: 100/3.94"
MCA135A: Φ150/5.91"	[ Φ135/5.32" x H150/6" ]	MCA135A: 100/3.94"
MCA150A: Φ160/6.3"	[ Φ150/5.91" x H150/6" ]	MCA150A: 100/3.94"
MCA160A: Φ180/7.1"	[ Φ160/6.3" x H150/6" ]	MCA160A: 100/3.94"
MCA190A: Φ200/7.9"	[ Φ190/7.5" x H150/6" ]	MCA190A: 100/3.94"
MCA240A: Φ250/9.84"	[ Φ240/9.45" x H150/6" ]	MCA240A: 100/3.94"
MCA295A: Φ320/12.6"	[ Φ295/11.6" x H150/6" ]	MCA295A: 100/3.94"

**ANTI-BGLARE**

[BGL]: LOUVER



[BDAS] ANTI-SLIP



[BDF] FROSTED



**CASE STUDY**



**GTG8102A: LED INGROUND LIGHT**

**SPECIFICATION**

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANBGLE	OPTIONAL DIMMING	INPUT [V]	
GTG8102A-MCA60A2B	3W	3x2W SMD3030	G2700K	RA90	220	>0.9				
			G3000K	RA90	230					
			G3500K	RA90	230					
			G4000K	RA90	250					
			G5000K	RA90	250					
			G6500K	RA90	240					
	2C@3W	TWG	G2700K	G6500K	RA90	170	>0.9			
3C@3W	RGB	620nm	520nm	455nm	\	170	>0.8			
GTG8102A-MCA75A2B	5W	6x2W SMD3030	G2700K	RA90	290	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]	
			G3000K	RA90	310					
			G3500K	RA90	310					
			G4000K	RA90	340					
			G5000K	RA90	340					
			G6500K	RA90	330					
	2C@5W	TWG	G2700K	G6500K	RA90	220	>0.9			
3C@5W	RGB	620nm	520nm	455nm	\	220	>0.8			
4C@5W	RGBW	620nm	520nm	455nm	G2700K	\	220	>0.7		
4C@5W	RGBA	620nm	520nm	455nm	590nm	\	220	>0.6		
GTG8102A-MCA95A2B	6W [3W]	6x2W SMD3030	G2700K	RA90	430	>0.9	[Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDT]:TRIAC(10%) [CDV]:0/1~10V(7%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%)	[AC100~277V] [AC100~240V] [AC100~347V] 50/60Hz	
			G3000K	RA90	470					
			G3500K	RA90	470					
			G4000K	RA90	500					
			G5000K	RA90	500					
			G6500K	RA90	490					
	2C@6W	TWG	G2700K	G6500K	RA90	330	>0.9			
3C@6W	RGB	620nm	520nm	455nm	\	330	>0.8			
4C@6W	RGBW	620nm	520nm	455nm	G2700K	\	330	>0.7		
4C@6W	RGBA	620nm	520nm	455nm	590nm	\	330	>0.6		
GTG8102A-MCA115A2B	9W [6W]	9x2W SMD3030	G2700K	RA90	720	>0.9				
			G3000K	BLV15x	Remote					
			G3500K	RA90	780					
			G4000K	RA90	840					
			G5000K	RA90	840					
			G6500K	RA90	850					
	2C@9W	TWG	G2700K	G6500K	RA90	500	50/60Hz			
3C@9W	RGB	620nm	520nm	455nm	\	500	>0.8			
4C@9W	RGBW	620nm	520nm	455nm	G2700K	\	500	>0.7		
4C@9W	RGBA	620nm	520nm	455nm	590nm	\	500	>0.6		
GTG8102A-MCA135A2B	12W [9W] [6W]	12x2W SMD3030	G2700K	RA90	870	>0.9				
			G3000K	RA90	940					
			G3500K	RA90	940					
			G4000K	RA90	1000					
			G5000K	RA90	1000					
			G6500K	RA90	980					
	2C@12W	TWG	G2700K	G6500K	RA90	660	>0.9			
3C@12W	RGB	620nm	520nm	455nm	\	660				
4C@12W	RGBW	620nm	520nm	455nm	G2700K	\		>0.7		
4C@12W	RGBA	620nm	520nm	455nm	590nm	\		>0.6		
GTG8102A-MCA150A2B	18W [12W] [6W]	18x2W SMD3030	G2700K	RA90	1300	>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(7%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]	
			G3000K	RA90	1400					
			G3500K	RA90	1400					
			G4000K	RA90	1510					
			G5000K	RA90	1510					
			G6500K	RA90	1480					
GTG8102A-MCA160A2B	24W [18W] [12W]	24x2W SMD3030	G2700K	RA90	1740	>0.9	[Oval] BLV15x45° BLV15x60° BLV30x70°	[CDT]:TRIAC(10%) [CDV]:0/1~10V(7%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	[AC100~277V] [AC100~240V] [AC100~347V] 50/60Hz	
			G3000K	RA90	1880					
			G3500K	RA90	1880					
			G4000K	RA90	2000					
			G5000K	RA90	2000					
			G6500K	RA90	1970					
GTG8102A-MCA190A2B	36W [24W] [18W]	36x2W SMD3030	G2700K	RA90	2600	>0.9	[BDF] BDF:120° [BGL] LM-20%Less	[CDT]:TRIAC(10%) [CDV]:0/1~10V(7%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%)		
			G3000K	RA90	2810					
			G3500K	RA90	2810					
			G4000K	RA90	3010					
			G5000K	RA90	3010					
			G6500K	RA90	2950					
GTG8102A-MCA240A2B	48W [36W] [24W]	48x2W SMD3030	G2700K	RA90	3280	>0.9	[BDAS] LM-20%Less			
			G3000K	RA90	3750					
			G3500K	RA90	3750					
			G4000K	RA90	4020					
			G5000K	RA90	4020					
			G6500K	RA90	3940					
GTG8102A-MCA295A2B	72W [60W] [48W] [36W]	72x2W SMD3030	G2700K	RA90	5210	>0.9				
			G3000K	RA90	5620					
			G3500K	RA90	5620					
			G4000K	RA90	6030					
			G5000K	RA90	6030					
			G6500K	RA90	5910					

**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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**SPECIFICATION**

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANBGLE	OPTIONAL DIMMING	INPUT [V]
GTG8102A-MCA115A3C	9W [6W]	6x10W SMD3535	G2700K	RA90	480	> 0.9			
			G3000K	RA90	500				
			G3500K	RA90	500				
			G4000K	RA90	550				
			G5000K	RA90	550				
			G6500K	RA90	540				
	2C@9W	TWG	G2700K G6500K	RA90	360	> 0.9			
3C@9W	RGB	620nm 520nm 455nm	\	360	> 0.8				
4C@9W	RGBW	620nm 520nm 455nm G2700K	\	360	> 0.7				
4C@9W	RGBA	620nm 520nm 455nm 590nm	\	360	> 0.7				
GTG8102A-MCA135A3C	12W [9W] [6W]	9x10W SMD3535	G2700K	RA90	720	> 0.9			
			G3000K	RA90	750				
			G3500K	RA90	750				
			G4000K	RA90	820				
			G5000K	RA90	820				
			G6500K	RA90	8000				
	2C@12W	TWG	G2700K G6500K	RA90	520	> 0.9			
3C@12W	RGB	620nm 520nm 455nm	\	520	> 0.8				
4C@12W	RGBW	620nm 520nm 455nm G2700K	\	520	> 0.7				
4C@12W	RGBA	620nm 520nm 455nm 590nm	\	520	> 0.6				
GTG8102A-MCA150A3C	18W [12W] [9W]	9x10W SMD3535	G2700K	RA90	960	> 0.9			
			G3000K	RA90	1000				
			G3500K	RA90	1000				
			G4000K	RA90	1100				
			G5000K	RA90	1100				
			G6500K	RA90	1070				
	2C@18W	TWG	G2700K G6500K	RA90	790	> 0.9			
3C@18W	RGB	620nm 520nm 455nm	\	790	> 0.8				
4C@18W	RGBW	620nm 520nm 455nm G2700K	\	790	> 0.7				
4C@18W	RGBA	620nm 520nm 455nm 590nm	\	790	> 0.7				
GTG8102A-MCA160A3C	24W [18W] [12W]	12x10W SMD3535	G2700K	RA90	1280	> 0.9			
			G3000K	RA90	1330				
			G3500K	RA90	1330				
			G4000K	RA90	1460				
			G5000K	RA90	1460				
			G6500K	RA90	1440				
	2C@24W	TWG	G2700K G6500K	RA90	1050	> 0.9			
3C@24W	RGB	620nm 520nm 455nm	\	1050	> 0.8				
4C@24W	RGBW	620nm 520nm 455nm G2700K	\	1050	> 0.7				
4C@24W	RGBA	620nm 520nm 455nm 590nm	\	1050	> 0.6				
GTG8102A-MCA190A3C	36W [24W] [18W]	18x10W SMD3535	G2700K	RA90	1930	> 0.9			
			G3000K	RA90	1990				
			G3500K	RA90	1990				
			G4000K	RA90	2190				
			G5000K	RA90	2190				
			G6500K	RA90	2160				
	2C@36W	TWG	G2700K G6500K	RA90	1580	> 0.9			
3C@36W	RGB	620nm 520nm 455nm	\	1580	> 0.8				
4C@36W	RGBW	620nm 520nm 455nm G2700K	\	1580	> 0.7				
4C@36W	RGBA	620nm 520nm 455nm 590nm	\	1580	> 0.7				
GTG8102A-MCA240A3C	48W [36W] [24W]	24x10W SMD3535	G2700K	RA90	2570	> 0.9			
			G3000K	RA90	2650				
			G3500K	RA90	2650				
			G4000K	RA90	2930				
			G5000K	RA90	2930				
			G6500K	RA90	2870				
	2C@48W	TWG	G2700K G6500K	RA90	2100	> 0.9			
3C@48W	RGB	620nm 520nm 455nm	\	2100	> 0.8				
4C@48W	RGBW	620nm 520nm 455nm G2700K	\	2100	> 0.7				
4C@48W	RGBA	620nm 520nm 455nm 590nm	\	2100	> 0.6				
GTG8102A-MCA295A3C	72W [60W] [48W] [36W]	36x10W SMD3535	G2700K	RA90	3860	> 0.9			
			G3000K	RA90	3980				
			G3500K	RA90	3980				
			G4000K	RA90	4380				
			G5000K	RA90	4380				
			G6500K	RA90	4300				
	2C@72W	TWG	G2700K G6500K	RA90	3160	> 0.9			
3C@72W	RGB	620nm 520nm 455nm	\	3160	> 0.8				
4C@72W	RGBW	620nm 520nm 455nm G2700K	\	3160	> 0.7				
4C@72W	RGBA	620nm 520nm 455nm 590nm	\	3160	> 0.7				

**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.

[Symmetric]  
 BL6D:6°  
 BL10D:10°  
 BL15D:15°  
 BL25D:25°  
 BL30D:30°  
 BL45D:45°  
 BL60D:60°

[Oval]  
 BLV15x45°  
 BLV15x60°  
 BLV30x70°

[BGL]  
 LM-20%Less

[BDAS]  
 LM-20%Less

[CDN]: Non Dimmable  
 [CDT]: TRIAC(10%)  
 [CDV]: 0/1~10V(7%)  
 [CDV0]: 0~10V(1%)  
 [CDV1]: 1~10V(15%)  
 [CDP]: PWM(1%)  
 [CDX]: DMX512(1%)

Following by Remote Driver  
 [AC100~277V]  
 [AC100~240V]  
 [AC100~347V]  
 50/60Hz

+CV DC24V  
 [+CV DC12V]  
 [ CV DC36V ]  
 [ CV DC48V ]

[CDA]: DALI(1%)  
 [CRZ]: ZIGBEE(1%)  
 [CRF]: 2.4G RF(1%)  
 [CRB]: Bluetooth(1%)