

GTG8102A: LED INGROUND LIGHT

(MCA60A)		(MCA75A)		(MCA95A)		(MCA115A)	



(MCA135A)



(MCA150A)



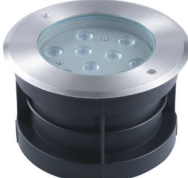
(MCA160A)



(MCA190A)



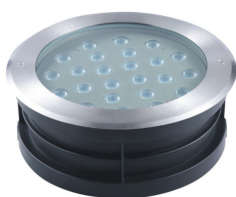
(MCA240A)



(MCA295A)



[FRGS-A] Custom Toughed Aluminum Sleeve



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 3x0.5mm² 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

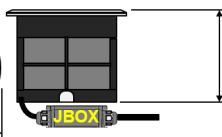
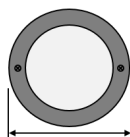
Designed and Manufactured to Comply with
CE/RoHS/cETL/SAA/SASO.....
IP67 and IK10 Protection, Class I / III Electric

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

[F3MBK] BLACK	[F3MWT] WHITE	[F3MSV] SILVER	[F3MGR] GREY

DIMENSION: [UNIT: MM]



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

MCA60A: 85/3.35"
MCA75A: 95/3.74"
MCA95A: 100/3.94"
MCA115A: 100/3.94"
MCA135A: 100/3.94"
MCA150A: 100/3.94"
MCA160A: 100/3.94"
MCA190A: 100/3.94"
MCA240A: 100/3.94"
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	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]																								
			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° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[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							[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]																		
			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										[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]															
			G3000K	RA90	780																												
			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													[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+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											
3C@12W	RGB	620nm	520nm	455nm	\	660																> 0.7											
4C@12W	RGBW	620nm	520nm	455nm	G2700K	\																> 0.6											
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° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+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																			[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]						
			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																						[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]			
			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																									[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]
			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	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV30x70° [BDF] BDF:120° [BGL] LM-20%Less	[CDN]:Non Dimmable [+CDP]:PWM(1%) [+CDX]:DMX512(1%)	+CV DC24V [+CV DC12V] [+CV DC42V]																								
			G3000K	RA90	5620																												
			G3500K	RA90	5620																												
			G4000K	RA90	6030																												
			G5000K	RA90	6030																												
G6500K	RA90	5910																															

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.

GTG8102A: LED INGROUND LIGHT

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.