

INTRODUCTION

FEATURE

- Advanced Patent LED Technology
- Durable Corrosion Resistant Structure
- Long Lifespan >50,000hours
- Working Temperature: -30°C~50°C

MAIN MATERIAL

- LED Brand: GUBO
- Driver Brand: GUBO
- Housing: Die-casted SUS316 Housing
- Fittings: Corrosion-resistant Plastic Buried Sleeve
- Diffuser: Clear Tempered Glass Diffuser

INSTALLATION

Suitable for Underwater Lighting, Like Pool, Fountain

- [FRGT]: Ground or Wall Recessed
- Fitting: Screwed into Buried Sleeve
- Maximum Diving Depth: 5meters

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

STANDARD

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

IP68 and IK10 Protection, Class III Electric

OPTIONS

- LED CCT: 2700K/3500K/4000K/6000K/R/G/B/A
- [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)
- [ACF]: Female Waterproof Connector

NOTES: Cannot Be Operated for Over 10min Out of Water!

GTG9461A: UNDERWATER RECESSED LED LIGHT

12/24V	WARRANTY	RGBW	10/15/30° 45/60/120°	IP68	IK10	EURO	USA.CA
(MCA67A)			(MCA118A)			(MCA162A)	



(MCA67A)



(MCA118A)



(MCA162A)



(MCA162A)

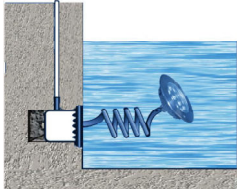


(MCA162A)



(MCA200A)

INSTALLATION:



(MCA67A)

(MCA118A)

(MCA162A)

(MCA200A)

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CONTROL MODE	INPUT [V]		
GTG9461A-MCA67A3C	2W	1x10W SMD3535	G2500K	RA90	110	>0.4	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60°				
			G2700K	RA90	125						
			G3000K	RA90	130						
			G3500K	RA90	130						
			G4000K	RA90	150						
			G5000K	RA90	150						
G6000K	RA90	140									
2C@2W	TWG	G2700K G6000K	RA90	100	>0.5	[Oval] BLV15x45° BLV15x60° BLV30x70°	[CDN]: Non Dimmable	CV DC24V [CV DC12V]			
3C&1W	RGB	620nm 520nm 460nm	/	170	>0.5						
4C&1W	RGBW	620nm 520nm 460nm 2700K	/	170	>0.5						
GTG9461A-MCA118A3C	6W [3W]	3x10W SMD3535	G2500K	RA90	250	>0.6			[Asymmetric] BAS10D-12D BAS18D-15D BAS18D-25D BAS18D-30D BAS18D-45D BAS18D-60D BAS23D-30D BAS30D-45D BAS15D-V15x45D BAS23D-V20x45D	[CDP]: PWM(1%) [CDX]: DMX512(1%)	
			G2700K	RA90	270						
			G3000K	RA90	280						
			G3500K	RA90	280						
			G4000K	RA90	310						
			G5000K	RA90	310						
G6000K	RA90	300									
2C@6W	TWG	G2700K G6000K	RA90	610	>0.5	[Following by Remote Driver] [CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDA]: DALI(1%) [CRZ]: ZIGBEE(1%) [CRF]: 2.4G RF(1%)					
3C&2W	RGB	620nm 520nm 460nm	/	610	>0.5						
4C&2W	RGBW	620nm 520nm 460nm 2700K	/	610	>0.5						
GTG9461A-MCA162A3C	12W	6x10W SMD3535	G2500K	RA90	510	>0.9	[BDF] Frosted BDF:120°				
			G2700K	RA90	540						
			G3000K	RA90	550						
			G3500K	RA90	550						
			G4000K	RA90	610						
			G5000K	RA90	610						
G6000K	RA90	600									
2C@12W	TWG	G2700K G6000K	RA90	530	>0.9	[BGL] Louver LM-20%					
3C@12W	RGB	620nm 520nm 460nm	/	530	>0.9						
4C@12W	RGBW	620nm 520nm 460nm 2700K	/	530	>0.9						
GTG9461A-MCA162B3C	18W	9x10W SMD3535	G2500K	RA90	770	>0.9					
			G2700K	RA90	810						
			G3000K	RA90	830						
			G3500K	RA90	830						
			G4000K	RA90	920						
			G5000K	RA90	920						
G6000K	RA90	900									

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.

GTG9461A-MCA: UNDERWATER RECESSED LED LIGHT

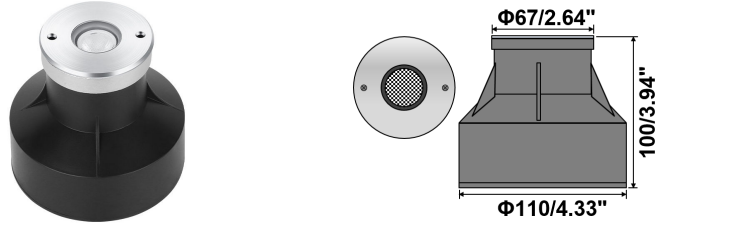

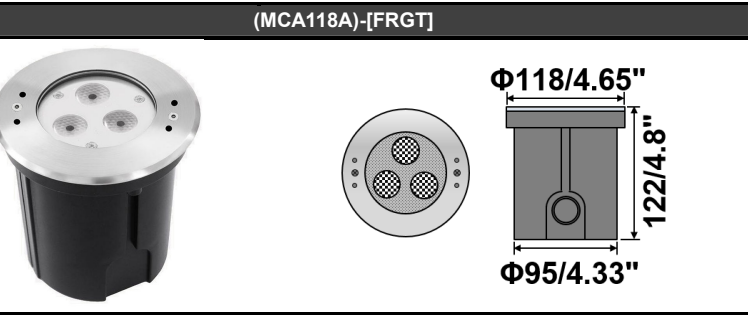

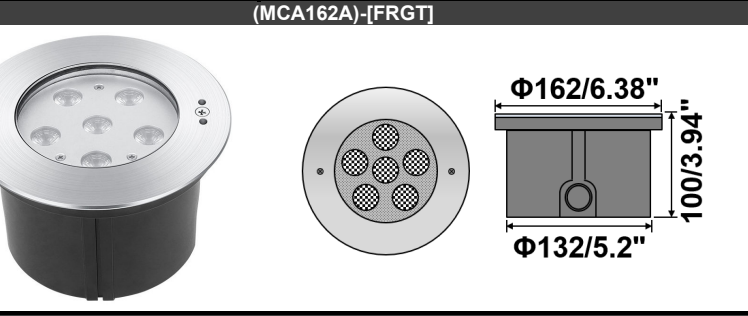

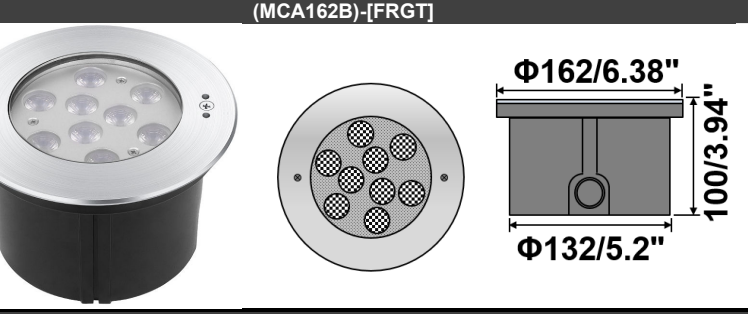
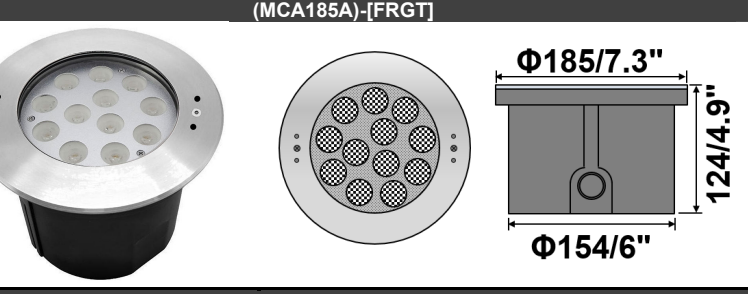

SPECIFICATION

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CONTROL MODE	INPUT [V]
GTG9461A-MCA185A3C	24W	12x10W SMD3535	G2500K	RA90	1020	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° [BDF] BDF:120° [BGL] LM-20%	[CDN]: Non Dimmable [CDP]: PWM(1%) [CDX]: DMX512(1%)	CV DC24V [CV DC12V]
			G2700K	RA90	1080				
			G3000K	RA90	1100				
			G3500K	RA90	1100				
			G4000K	RA90	1220				
			G5000K	RA90	1220				
			G6000K	RA90	1200				
	2C@24W	TWG	G2700K G6000K	RA90	1050	>0.9			
	3C@24W	RGB	620nm 520nm 460nm	/	1050	>0.9			
	4C@24W	RGBW	620nm 520nm 460nm 2700K	/	1050	>0.9			
GTG9461A-MCA200A3C	36W	18x10W SMD3535	G2500K	RA90	1540	>0.9	[Asymmetric] BAS10D-12D BAS18D-15D BAS18D-25D BAS18D-30D BAS18D-45D BAS18D-60D BAS23D-30D BAS30D-45D BAS15D-V15x45D BAS23D-V20x45D	[Following by Remote Driver] [CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDA]: DALI(1%) [CRZ]: ZIGBEE(1%) [CRF]: 2.4G RF(1%)	
			G2700K	RA90	1610				
			G3000K	RA90	1660				
			G3500K	RA90	1660				
			G4000K	RA90	1830				
			G5000K	RA90	1830				
			G6000K	RA90	1800				
	2C@36W	TWG	G2700K G6000K	RA90	1580	>0.9			
	3C@36W	RGB	620nm 520nm 460nm	/	1580	>0.9			
	4C@36W	RGBW	620nm 520nm 460nm 2700K	/	1580	>0.9			

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CONTROL MODE	INPUT [V]
GTG9461A-MCA118A2B	6W [3W]	6x2W SMD3030	G2500K	RA90	360	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°	[CDP]: PWM(1%) [CDX]: DMX512(1%)	CV DC24V [CV DC12V]
			G2700K	RA90	390				
			G3000K	RA90	420				
			G3500K	RA90	420				
			G4000K	RA90	450				
			G5000K	RA90	450				
			G6000K	RA90	440				
2C@6W	TWG	G2700K G6000K	RA90	310	>0.9				
3C@6W	RGB	620nm 520nm 460nm	/	310	>0.9				
4C@6W	RGBW	620nm 520nm 460nm 2700K	/	310	>0.9				
GTG9461A-MCA162A2B	18W [12W]	18x2W SMD3030	G2500K	RA90	1110	>0.9	[Oval] BLV15x45° BLV15x60° BLV30x70°	[Following by Remote Driver] [CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDA]: DALI(1%) [CRZ]: ZIGBEE(1%) [CRF]: 2.4G RF(1%)	
			G2700K	RA90	1170				
			G3000K	RA90	1260				
			G3500K	RA90	1260				
			G4000K	RA90	1340				
			G5000K	RA90	1340				
			G6000K	RA90	1320				
2C@18W	TWG	G2700K G6000K	RA90	790	>0.9				
3C@18W	RGB	620nm 520nm 460nm	/	790	>0.9				
4C@18W	RGBW	620nm 520nm 460nm 2700K	/	790	>0.9				
GTG9461A-MCA185A2B	24W [18W] [12W]	24x2W SMD3030	G2500K	RA90	1480	>0.9	[BDF] Frosted BDF:120° [BGL] Louver LM-20%	[Following by Remote Driver] [CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDA]: DALI(1%) [CRZ]: ZIGBEE(1%) [CRF]: 2.4G RF(1%)	
			G2700K	RA90	1560				
			G3000K	RA90	1680				
			G3500K	RA90	1680				
			G4000K	RA90	1790				
			G5000K	RA90	1790				
			G6000K	RA90	1750				
2C@24W	TWG	G2700K G6000K	RA90	1050	>0.9				
3C@24W	RGB	620nm 520nm 460nm	/	1050	>0.9				
4C@24W	RGBW	620nm 520nm 460nm 2700K	/	1050	>0.9				
GTG9461A-MCA200A2B	36W [24W] [18W] [12W]	36x2W SMD3030	G2500K	RA90	2220	>0.9	[BGL] LM-20%	[Following by Remote Driver] [CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDA]: DALI(1%) [CRZ]: ZIGBEE(1%) [CRF]: 2.4G RF(1%)	
			G2700K	RA90	2340				
			G3000K	RA90	2520				
			G3500K	RA90	2520				
			G4000K	RA90	2680				
			G5000K	RA90	2680				
			G6000K	RA90	2630				
2C@36W	TWG	G2700K G6000K	RA90	1580	>0.9				
3C@36W	RGB	620nm 520nm 460nm	/	1580	>0.9				
4C@36W	RGBW	620nm 520nm 460nm 2700K	/	1580	>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.

[FRGT] Ground or Wall Recessed	DIMENSION: [UNIT: MM]
<p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>	<p>CASE STUDY:</p>
<p>(MCA67A)-[FRGT]</p> 	
<p>(MCA118A)-[FRGT]</p> 	
<p>(MCA162A)-[FRGT]</p> 	
<p>(MCA162B)-[FRGT]</p> 	
<p>(MCA185A)-[FRGT]</p> 	
<p>(MCA200A)-[FRGT]</p> 