

INTRODUCTION

GTG9103A: LED UNDERWATER PROJECTOR

FEATURE

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

MAIN MATERIAL

- LED Brand: GUBO
- Driver Brand: GUBO
- Housing: Stainless Steel SUS304
- Optics: High Efficiency PC Lens
- Diffuser: Clear Tempered Glass Diffuser
- Pre-wired: 0.5meters 2C18AWG Power Cord

INSTALLATION

Cannot Be Operated for Over 10min Out of Water!

- Suitable for Pool, Fountain.....
- Maximum Diving Depth: 5meters
- [FBU]: U-type Fixing Bracket
- [FHCR]: Pole Mounting Retractable Hoop

STANDARD

- Designed and Manufactured to Comply with CE/RoHS/CB/cETL/SAA/SASO Standard
- IP68 and IK8 Protection, Class III Electric

OPTION

- LED CCT: 1,800K~10,000K/R/G/B/Y
- [CRI]: RA80, [G] RA90, [H] RA97

(MCA215A)		(MCA190A)		(MCA170A)		(MCA135A)	




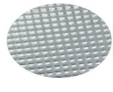

(MCA350A) (MCA300A) (MCA250A)



MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CONTROL MODE	INPUT [V]
GTG9103A-MCA135A3C	10W	6x5W SMD3535	E2700K	RA80	680	>0.9	[Symmetric] BL6D:6° BL10D:10° BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL60D:90° BL120D:120°	[+CDP]:PWM(1%) [CDX]:DMX512(1%)	
			E3000K	RA80	720				
			E4000K	RA80	780				
			E5000K	RA80	780				
			E6500K	RA80	770				
	10W	6x10W SMD3535	G2200K	RA90	460	>0.9			
			G2500K	RA90	570				
			G2700K	RA90	600				
			G3000K	RA90	630				
			G3500K	RA90	630				
			G4000K	RA90	660				
			G5000K	RA90	660				
G5700K	RA90	660							
G6500K	RA90	650							
2C@10W	TWG	G2700K G6500K	RA90	600	>0.9				
3C@10W	RGB	620nm 520nm 460nm	/	600	>0.9				
4C@10W	RGBW	620nm 520nm 460nm 2700K	/	600	>0.9				
GTVG9103A-MCA170A3C	15W	12x5W SMD3535	E2700K	RA80	1130	>0.9	[Oval] BLV15x45° BLV15x60° BLV20x60°	[CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDA]:DALI(1%) [CDX]:DMX512(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%) [CDS]:SPI(1%)	CV DC12V [CV DC24V]
			E3000K	RA80	1200				
			E4000K	RA80	1310				
			E5000K	RA80	1310				
			E6500K	RA80	1280				
	15W	12x10W SMD3535	G2200K	RA90	770	>0.6			
			G2500K	RA90	960				
			G2700K	RA90	1000				
			G3000K	RA90	1050				
			G3500K	RA90	1050				
			G4000K	RA90	1100				
			G5000K	RA90	1100				
G5700K	RA90	1100							
G6500K	RA90	1080							
2C@15W	TWG	G2700K G6500K	RA90	1000	>0.9				
3C@15W	RGB	620nm 520nm 460nm	/	1000	>0.9				
4C@15W	RGBW	620nm 520nm 460nm 2700K	/	1000	>0.9				
GTG9103A-MCA190A3C	20W	18x5W SMD3535	E2700K	RA80	1370	>0.9	[Frosted] BDF:120°	Following [Sensor]	
			E3000K	RA80	1440				
			E4000K	RA80	1570				
			E5000K	RA80	1570				
			E6500K	RA80	1540				
	20W	18x5W SMD3535	G2200K	RA90	920	>0.9			
			G2500K	RA90	1150				
			G2700K	RA90	1210				
			G3000K	RA90	1260				
			G3500K	RA90	1260				
			G4000K	RA90	1320				
			G5000K	RA90	1320				
G5700K	RA90	1320							
G6500K	RA90	1300							
2C@20W	TWG	G2700K G6500K	RA90	1210	>0.9				
3C@20W	RGB	620nm 520nm 460nm	/	1210	>0.9				
4C@20W	RGBW	620nm 520nm 460nm 2700K	/	1210	>0.9				
							[Prismatic] BDP:110°		
							[Louver] BGL LM-20%		

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	CONTROL MODE	INPUT [V]
GTG9103A-MCA215A3C	25W	18x5W SMD3535	E2700K	RA80	2160	>0.9	[Symmetric] BL6D:6° BL10D:10° BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL120D:120° [Oval] BLV15x45° BLV15x60° BLV20x60° [Frosted] BDF:120°  [Prismatic] BDP:110°  [Louver] BGL LM-20% 	[+CDP]:PWM(1%) [CDX]:DMX512(1%) Following by Remote Driver [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDA]:DALI(1%) [CDX]:DMX512(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%) [CDS]:SPI(1%) Following [Sensor] [CSL]: Photocell Lux Sensor [CSM]: Micro Motion Sensor [CSMD]: Bi-level Microwave Motion Sensor	CV DC12V [CV DC24V]
			E3000K	RA80	2270				
			E4000K	RA80	2350				
			E5000K	RA80	2350				
			E6500K	RA80	2310				
	25W	18x10W SMD3535	G2200K	RA90	1220	>0.9			
			G2500K	RA90	1530				
			G2700K	RA90	1610				
			G3000K	RA90	1680				
			G3500K	RA90	1680				
			G4000K	RA90	1770				
			G5000K	RA90	1770				
			G5700K	RA90	1770				
	2C@25W	TWG	G2700K	G6500K	RA90	1610			
3C@25W	RGB	620nm	520nm	460nm	/	1610	>0.9		
4C@25W	RGBW	620nm	520nm	460nm	2700K	/	1610	>0.9	
GTG9103A-MCA250A3C	40W	36x5W SMD3535	E2700K	RA80	3250	>0.9			
			E3000K	RA80	3410				
			E4000K	RA80	3530				
			E5000K	RA80	3530				
			E6500K	RA80	3460				
	40W	24x10W SMD3535	G2200K	RA90	1840	>0.9			
			G2500K	RA90	2290				
			G2700K	RA90	2420				
			G3000K	RA90	2510				
			G3500K	RA90	2510				
			G4000K	RA90	2650				
			G5000K	RA90	2650				
			G5700K	RA90	2650				
	2C@40W	TWG	G2700K	G6500K	RA90	2420	>0.9		
3C@40W	RGB	620nm	520nm	460nm	/	2420	>0.9		
4C@40W	RGBW	620nm	520nm	460nm	2700K	/	2420	>0.9	
GTG9103A-MCA300A3C	50W	36x5W SMD3535	E2700K	RA80	4330	>0.9			
			E3000K	RA80	4540				
			E4000K	RA80	4700				
			E5000K	RA80	4700				
			E6500K	RA80	4620				
	50W	36x10W SMD3535	G2200K	RA90	2450	>0.9			
			G2500K	RA90	3060				
			G2700K	RA90	3220				
			G3000K	RA90	3350				
			G3500K	RA90	3350				
			G4000K	RA90	3530				
			G5000K	RA90	3530				
			G5700K	RA90	3530				
	2C@50W	TWG	G2700K	G6500K	RA90	3220	>0.9		
3C@50W	RGB	620nm	520nm	460nm	/	3220	>0.9		
4C@50W	RGBW	620nm	520nm	460nm	2700K	/	3220	>0.9	
GTG9103A-MCA350A3C	60W	48x5W SMD3535	E2700K	RA80	5410	>0.9			
			E3000K	RA80	5670				
			E4000K	RA80	5880				
			E5000K	RA80	5880				
			E6500K	RA80	5780				
	60W	48x10W SMD3535	G2200K	RA90	3060	>0.9			
			G2500K	RA90	3820				
			G2700K	RA90	4020				
			G3000K	RA90	4180				
			G3500K	RA90	4180				
			G4000K	RA90	4410				
			G5000K	RA90	4410				
			G5700K	RA90	4410				
	2C@60W	TWG	G2700K	G6500K	RA90	4020	>0.9		
3C@60W	RGB	620nm	520nm	460nm	/	4020	>0.9		
4C@60W	RGBW	620nm	520nm	460nm	2700K	/	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.

[FBU] U-type bracket Fixing Bracket

DIMENSION: [UNIT: MM]

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

CASE STUDY:

