

**GTG9106A: LED UNDERWATER SPOTLIGHT**

(MCA44A5L)		(MCA65A)		(MCA89A)			



**INTRODUCTION**

**FEATURE**  
 Advanced Patent LED Technology  
 Durable Corrosion Resistant Structure  
 Anti-glare Design Matched with Lens  
 Long Lifespan > 50,000hours

**MAIN MATERIAL**  
 LED Brand: GUBO  
 Driver Brand: GUBO  
 Housing: Die-casted SUS304 [HS304]  
 Optics: High Efficiency PC Lens  
 Diffuser: Clear Tempered Glass Diffuser  
 Pre-wired: 0.5meters 2C0.5mm<sup>2</sup> Power Cord

**INSTALLATION**  
 Surface Mounted  
 Maximum Diving Depth: 5meters  
 Suitable for Pool, Fountain.....

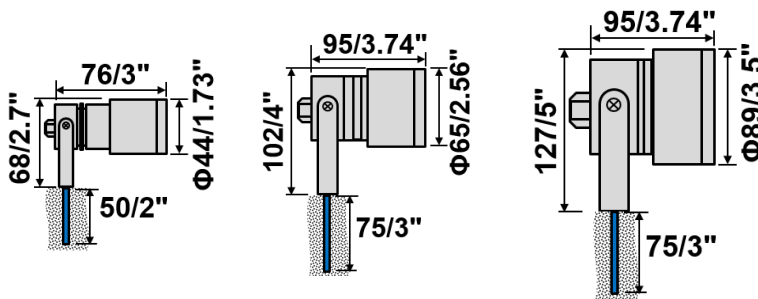
**STANDARD**  
 Designed and Manufactured to Comply with  
 CE/RoHS/cUL/FCC/SAA/C-tick  
 IP68 and IK10 Protection, Class III Electric

**OPTIONS**  
 LED CCT: 1,800K~10,000K/R/G/B/Y  
 [CRI]: RA80, [G] RA90, [H] RA97  
 [HS316]:SUS316 Housing

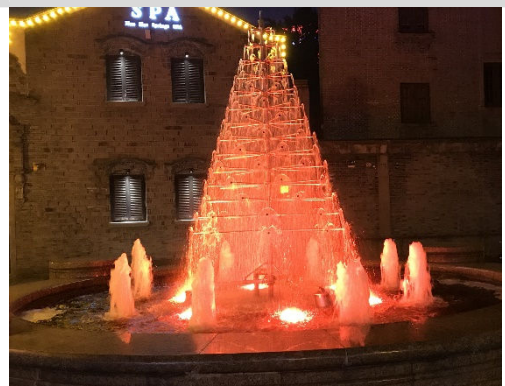
**NOTES**  
**Cannot Be Operated for Over 10min Out of Water!**

**DIMENSION: [UNIT: MM]**

MCA44A-FBU      MCA65A-FBU      MCA90A-FBU



**CASE STUDY**



MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING	INPUT [V]
GTG9106A-MCA44A5L-FBU	5W	CXA1304 CREE COB	G2700K	RA90	250	> 0.4	[Symmetric] BL25D:25° BL50D:50°		CV DC12V [CV DC24V]
			G3000K	RA90	260				
			G3500K	RA90	260				
			G4000K	RA90	280				
			G5000K	RA90	280				
	G6000K	RA90	270						
3C@3W	3RGB	620nm 520nm 460nm	/	180	> 0.3				
GTG9106A-MCA65A-FBU	6W	3x10W SMD3535	G2700K	RA90	290	> 0.5	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°	[CDP]:PWM(1%) Following Dimming By Remote Driver [CDT]:TRIAC(15%) [CDV]:0/1~10V(7%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDX]:DMX512(1%)	
			G3000K	RA90	300				
			G3500K	RA90	300				
			G4000K	RA90	330				
			G5000K	RA90	330				
	G6000K	RA90	320						
	2C@6W	3TWG	G2700K G6000K	RA90	270	> 0.4			
3C@3W	3RGB	620nm 520nm 460nm	/	270	> 0.4				
4C@3W	3RGBW	620nm 520nm 460nm 2700K	/	270	> 0.3				
GTG9106A-MCA89A-FBU	12W	6x10W SMD3535	G2700K	RA90	560	> 0.6	[Oval] BLV15x40° BLV20x60°		
			G3000K	RA90	600				
			G3500K	RA90	600				
			G4000K	RA90	650				
			G5000K	RA90	650				
	G6000K	RA90	640						
	2C@12W	6TWG	G2700K G6000K	RA90	520	> 0.5	[BDF] [LM-20%] BDF:120°		
	3C@6W	6RGB	620nm 520nm 460nm	/	520	> 0.5			
4C@6W	6RGBW	620nm 520nm 460nm 2700K	/	520	> 0.4				

**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.