

**INTRODUCTION**

**GTG5801A-MC: CUSTOM LED BOLLARD LIGHT**

**FEATURE**

Custom Design Landscape Lighting  
 Skilled Manufacturing Technology  
 Long Lifespan > 50,000hours

**MAIN MATERIAL**

LED Brand: GUBO  
 Driver Brand: GUBO  
 Housing: Power Coated QS235 Steel or Aluminum  
 Optics: PC Lens or Opal Diffuser

**INSTALLATION**

[MWA]: Solid Wall Surface Mounted  
 [MTB]: Solid Ground Surface Mounted Bollard  
 [MTP]: Solid Ground Surface Mounted Pole  
 Suitable for Garden, Park, Plaza.....

**STANDARD**

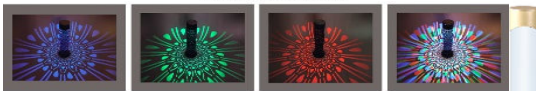
Designed and Manufactured to Comply with  
 CE/RoHS/TUV/CB/cETL/SAA Standard  
 IP65 Protection, Class I Electric

**OPTION**

LED CCT: 1,800K~10,000K/R/G/B/A  
 [CRI]: [E] RA80, [G] RA90, [H] RA97  
 Custom Housing Finish: Colors by RAL Code

<b>WHITE</b> RAL9010P	<b>BLACK</b> RAL9005P	<b>GREY</b> RAL7042P	<b>DARK GREY</b> RAL7016P
--------------------------	--------------------------	-------------------------	------------------------------

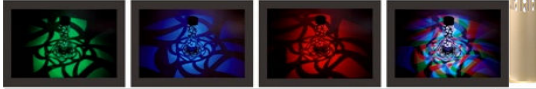
**P02: WATERDROP**



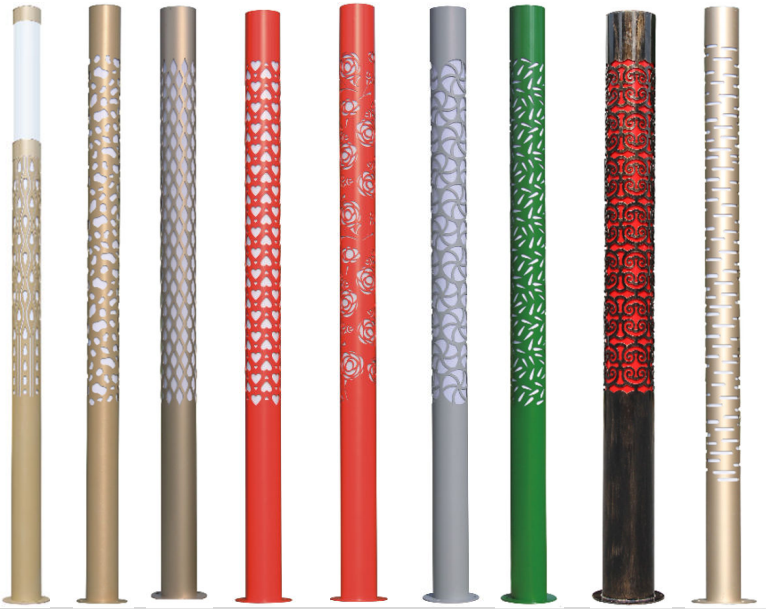
**P07: ROSE**



**P09: WINDMILL**



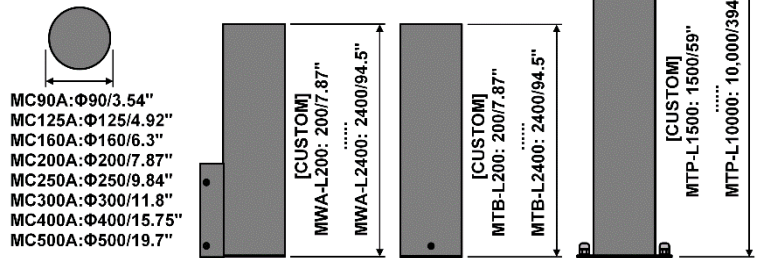
(P01)	(P03)	(P04)	(P05)	(P07)	(P09)	(P10)	(P11)



**CASE STUDY: POST**



**DIMENSION: [UNIT: MM]**



MODEL	PARAMETER OF LED MODULE						BEAM ANGLE	CONTROL MODE	INPUT [V]
	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR			
GTG5801A-MC90A-MWA MC90A-MTB MC90A-MTP	12W	24x2W SMD3030	G3000K	RA90	1100	>0.9	[Symmetric] 120°	[CDT]:TRIAC(15%) [CDV]:0~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CRF]:2.4G RF (1%)	AC100~277V [AC100~240V] [AC100~347V] [AC180~528V] 50/60Hz [ CV DC24V ] [ CV DC48V ]
			G4000K	RA90	1180				
			G6000K	RA90	1150				
	2C@12W	TWG	G2700K	G6000K	RA90	960			
4C@12W	RGBW	620nm 520nm 465nm 2700K	/	960	>0.5				
4C@12W	RGBA	620nm 520nm 465nm 590nm	/	960	>0.6				
GTG5801A-MC125A-MWA MC125A-MTB MC125A-MTP	24W	36x2W SMD3030	G3000K	RA90	2200	>0.9			
			G4000K	RA90	2360				
			G6000K	RA90	2310				
	2C@24W	TWG	G2700K	G6000K	RA90	1920			
4C@24W	RGBW	620nm 520nm 465nm 2700K	/	1920	>0.5				
GTG5801A-MC160A-MWA MC160A-MTB MC160A-MTP	40W	60x2W SMD3030	G3000K	RA90	3670	>0.9			
			G4000K	RA90	3940				
			G6000K	RA90	3860				
	2C@40W	TWG	G2700K	G6000K	RA90	3460	>0.6		
4C@40W	RGBW	620nm 520nm 465nm 2700K	/	3460	>0.5				
GTG5801A-MC200A MC250A MC300A MC400A MC500A	50W	60x2W SMD3030	G3000K	RA90	4410	>0.9			
			G4000K	RA90	4730				
			G6000K	RA90	4630				
	2C@50W	TWG	G2700K	G6000K	RA90	3840	>0.6		
	4C@50W	RGBW	620nm 520nm 465nm 2700K	/	3840	>0.6			
	100W	120x2W SMD3030	G3000K	RA90	9180	>0.9			
G4000K			RA90	9850					
G6000K			RA90	9650					
2C@100W	TWG	G2700K	G6000K	RA90	7670	>0.6			
4C@100W	RGBW	620nm 520nm 465nm 2700K	/	7670	>0.6				

**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.

**GTG5801-MS: CUSTOM LED BOLLARD**

<b>AC</b>	<b>5 YEARS WARRANTY</b>	<b>SMD</b>	<b>360°</b>	<b>IP65</b>	<b>IK06</b>	<b>CE</b>	<b>ETL USA</b>
(P01)	(P01B)	(P02)	(P03)	(P04)	(P05)	(P06)	

**INTRODUCTION**

**FEATURE**

Custom Design Landscape Lighting  
 Skilled Manufacturing Technology  
 Long Lifespan > 50,000hours

**MAIN MATERIAL**

LED Brand: GUBO  
 Driver Brand: GUBO  
 Housing: Power Coated QS235 Steel or Aluminum  
 Optics: PC Lens or Opal Diffuser

**INSTALLATION**

[MWA]: Solid Wall Surface Mounted  
 [MTB]: Solid Ground Surface Mounted Bollard  
 [MTP]: Solid Ground Surface Mounted Pole  
 Suitable for Garden, Park, Plaza.....

**STANDARD**

Designed and Manufactured to Comply with  
 CE/RoHS/TUV/CB/cETL/SAA Standard  
 IP65 Protection, Class I Electric

**OPTION**

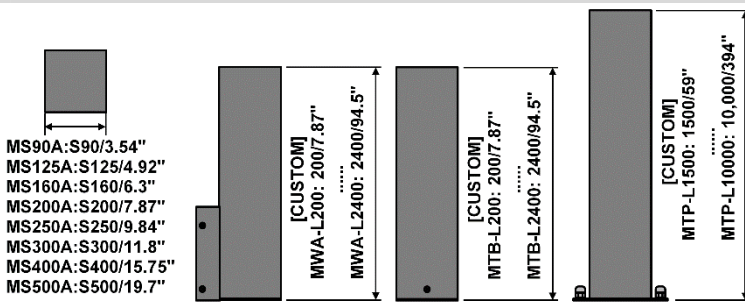
LED CCT: 1,800K~10,000K/R/G/B/A  
 [CRI]: [E] RA80, [G] RA90, [H] RA97  
 Custom Housing Finish: Colors by RAL Code

<b>WHITE</b> RAL9010P	<b>BLACK</b> RAL9005P	<b>GREY</b> RAL7042P	<b>DARK GREY</b> RAL7016P
(P18)	(P07)	(P08)	



**DIMENSION: [UNIT: MM]**

**CASE STUDY: POST**



MODEL	PARAMETER OF LED MODULE						BEAM ANGLE	CONTROL MODE	INPUT [V]
	POWER [W]	LED TYPE	CCT [K]		CRI	FLUX [LM]			
GTG5801A-MS90A-MWA MS90A-MTB MS90A-MTP	12W	24x2W SMD3030	G3000K		RA90	1100	>0.9		
			G4000K		RA90	1180			
			G6000K		RA90	1150			
	2C@12W	TWG	G2700K	G6000K	RA90	960	>0.6		
4C@12W	RGBW	620nm 520nm 465nm 2700K	/	/	960	>0.5			
4C@12W	RGBA	620nm 520nm 465nm 590nm	/	/	960	>0.6			
GTG5801A-MS125A-MWA MS125A-MTB MS125A-MTP	24W	36x2W SMD3030	G3000K		RA90	2200	>0.9	[Symmetric] 120°	[CDT]: TRIAC(15%) [CDV]: 0~10V(8%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(15%) [CDX]: DMX512(1%) [CDA]: DALI(1%) [CDP]: PWM(1%) [CRF]: 2.4G RF (1%)
			G4000K		RA90	2360			
			G6000K		RA90	2310			
	2C@24W	TWG	G2700K	G6000K	RA90	1920	>0.6		
4C@24W	RGBW	620nm 520nm 465nm 2700K	/	/	1920	>0.5			
GTG5801A-MS160A-MWA MS160A-MTB MS160A-MTP	40W	60x2W SMD3030	G3000K		RA90	3670	>0.9		
			G4000K		RA90	3940			
			G6000K		RA90	3860			
	2C@40W	TWG	G2700K	G6000K	RA90	3460	>0.6		
4C@40W	RGBW	620nm 520nm 465nm 2700K	/	/	3460	>0.5			
GTG5801A-MS200A MS250A MS300A MS400A MS500A	50W	60x2W SMD3030	G3000K		RA90	4410	>0.9		
			G4000K		RA90	4730			
			G6000K		RA90	4630			
	2C@50W	TWG	G2700K	G6000K	RA90	3840	>0.6		
4C@50W	RGBW	620nm 520nm 465nm 2700K	/	/	3840	>0.6			
2C@100W 4C@100W	120x2W SMD3030	G3000K		RA90	9180	>0.9		[ CV DC24V ] [ CV DC48V ]	
		G4000K		RA90	9850				
		G6000K		RA90	9650				
2C@100W	TWG	G2700K	G6000K	RA90	7670	>0.6			
4C@100W	RGBW	620nm 520nm 465nm 2700K	/	/	7670	>0.6			

**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.

**GTG5801A-MS: CUSTOM LED BOLLARD**

100-277V (P501) L38CM	WARRANTY (P501) L900MM	SMD (P501) L3000MM	360° (P501) L3000MM	IP65 (P502) L3000MM	IK06 (P503) L3000MM	EURO (P503) L3000MM	USA.CA (P07) L3000MM

**INTRODUCTION**

**FEATURE**  
 Custom Design Landscape Lighting  
 Skilled Manufacturing Technology  
 Long Lifespan > 50,000hours

**MAIN MATERIAL**  
 LED Brand: GUBO  
 Driver Brand: GUBO  
 Housing: Power Coated QS235 Steel or Aluminum  
 Optics: PC Lens or Opal Diffuser

**INSTALLATION**  
 [MWA]: Solid Wall Surface Mounted  
 [MTB]: Solid Ground Surface Mounted Bollard  
 [MTP]: Solid Ground Surface Mounted Pole  
 Suitable for Garden, Park, Plaza.....

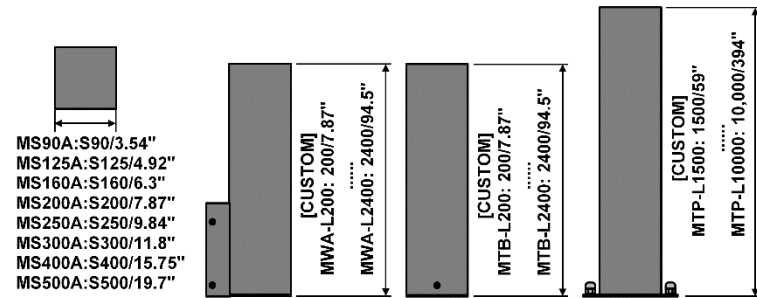
**STANDARD**  
 Designed and Manufactured to Comply with  
 CE/RoHS/TUV/CB/cETL/SAA Standard  
 IP65 Protection, Class I Electric

**OPTION**  
 LED CCT: 1,800K~10,000K/R/G/B/A  
 [CRI]: [E] RA80, [G] RA90, [H] RA97  
 Custom Housing Finish: Colors by RAL Code

<b>WHITE</b>	<b>BLACK</b>	<b>GREY</b>	<b>DARK GREY</b>
RAL9010P	RAL9005P	RAL7042P	RAL7016P



**DIMENSION: [UNIT: MM]**



**CASE STUDY: MTB-L380MM-P501**



**CASE STUDY: MTP-L3000MM-P501**



MODEL	PARAMETER OF LED MODULE						BEAM ANGLE	CONTROL MODE	INPUT [V]
	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR			
GTG5801A-MS90A-MWA MS90A-MTB MS90A-MTP	12W	24x2W SMD3030	G3000K	RA90	1100	>0.9	[Symmetric] 120°	[CDT]: TRIAC(15%) [CDV]: 0/1~10V(8%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(15%) [CDX]: DMX512(1%) [CDA]: DALI(1%) [CDP]: PWM(1%) [CRF]: 2.4G RF (1%)	AC100~277V [AC100~240V] [AC100~347V] [AC180~528V] 50/60Hz
			G4000K	RA90	1180				
			G6000K	RA90	1150				
	2C@12W	TWG	G2700K	G6000K	RA90	960			
4C@12W	RGBW	620nm 520nm 465nm 2700K	/	960	>0.5				
4C@12W	RGBA	620nm 520nm 465nm 590nm	/	960	>0.6				
GTG5801A-MS125A-MWA MS125A-MTB MS125A-MTP	24W	36x2W SMD3030	G3000K	RA90	2200	>0.9			
			G4000K	RA90	2360				
			G6000K	RA90	2310				
	2C@24W	TWG	G2700K	G6000K	RA90	1920			
4C@24W	RGBW	620nm 520nm 465nm 2700K	/	1920	>0.5				
GTG5801A-MS160A-MWA MS160A-MTB MS160A-MTP	40W	60x2W SMD3030	G3000K	RA90	3670	>0.9			
			G4000K	RA90	3940				
			G6000K	RA90	3860				
	2C@40W	TWG	G2700K	G6000K	RA90	3460	>0.6		
4C@40W	RGBW	620nm 520nm 465nm 2700K	/	3460	>0.5				
GTG5801A-MS200A MS250A MS300A MS400A MS500A	50W	60x2W SMD3030	G3000K	RA90	4410	>0.9			
			G4000K	RA90	4730				
			G6000K	RA90	4630				
	2C@50W	TWG	G2700K	G6000K	RA90	3840	>0.6		
	4C@50W	RGBW	620nm 520nm 465nm 2700K	/	3840	>0.6			
	100W	120x2W SMD3030	G3000K	RA90	9180	>0.9			
G4000K			RA90	9850					
G6000K			RA90	9650					
2C@100W	TWG	G2700K	G6000K	RA90	7670	>0.6			
4C@100W	RGBW	620nm 520nm 465nm 2700K	/	7670	>0.6				

**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.