









**GTF5212A-INTERIOR LIGHTING FIXTURE**

**INTRODUCTION**

 <b>AC</b>	 <b>RGBW</b>	 <b>3 YEARS WARRANTY</b>	 <b>360°</b>	 <b>IP20</b>	 <b>EURO</b>	 <b>USA.CA</b>	
<b>100-277V</b> (MGA300A)		<b>(MGA600A)</b>				<b>(MGA1200A)</b>	

**FEATURE**

Elegance Design with Durable Quality  
 Long Lifespan Design >50,000hours  
 Working Temperature: -20°C~40°C

**MATERIALS & FINISH**

Metal Fixture: Painted Galvanized Steel  
 (MGA) Optics: Anti-UV **PMMA**, Smooth Surface  
 (MGB) Optics: Anti-UV **PE**, Fine Uneven surface

**INSTALLATION**

Suitable for Interior Lighting  
**[FFS]**: Flush Surface Mounted  
**[FPSR]**: Retractable Stem Pendant  
**[FPC]**: Catenary Pendant  
**[FWA]**: Wall Surface Mounted  
**[FJP]**: Fixing Plate on JBOX/Outlet Box

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

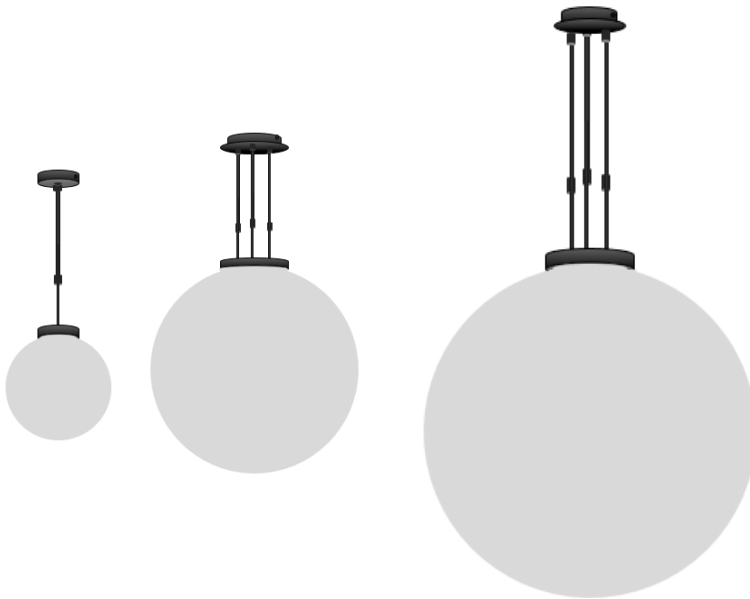
**STANDARD**

Designed and Manufactured to Comply with  
 TUV/CE/ROHS/GS/cUL Standard  
 IP20 Protection, Class I Electrical

**OPTION**

LED CCT: 1,600K~10,000K/R/G/B/Y  
 [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)  
 [WM40C]: Working Temperature -40°C~50°C  
 [SFH]: Custom Housing Finish by RAL Code

<b>[F] Metal Fixture Finish:</b>			
Glossy Brass [H1GBS]	Glossy Silver [H1GSV]	Matt Black [H1MBK]	Matt White [H1MWT]



**SPECIFICATION**

**GTF5212A-MG: LED GARDEN LIGHT**

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTF5212A-MGA150A MGB150A	12W [6W]	60x0.5W SMD2835	H1800K	RA97	590	>0.9	[BDM] 360°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(7%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDX]: DMX512(1%) [CDA]: DALI(1%) [CDP]: PWM(1%) [CRB]: Bluetooth(1%) [CRZ]: Zigbee(1%) [CRF]: 2.4G (1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz
			H2500K	RA97	720				
			H2700K	RA97	770				
			H3000K	RA97	810				
			H3500K	RA97	810				
			H4000K	RA97	890				
			H5000K	RA97	890				
	H6000K	RA97	870						
	2C@12W	TWG	H2700K	H6000K	RA97	770			
4C@12W	RGBW	620nm	520nm	465nm	H2700K	\	770	>0.9	
4C@12W	RGBA	620nm	520nm	465nm	590nm	\	770	>0.9	
GTF5212A-MGA200A MGB200A	20W [30W] [15W]	120x0.5W SMD2835	H1800K	RA97	980	>0.9	[BDM] 360°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(7%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDX]: DMX512(1%) [CDA]: DALI(1%) [CDP]: PWM(1%) [CRB]: Bluetooth(1%) [CRZ]: Zigbee(1%) [CRF]: 2.4G (1%)	[ CV DC12V ] [ CV DC24V ] [ CV DC42V ]
			H2500K	RA97	1200				
			H2700K	RA97	1260				
			H3000K	RA97	1350				
			H3500K	RA97	1350				
			H4000K	RA97	1480				
			H5000K	RA97	1480				
	H6000K	RA97	1460						
	2C@20W	TWG	H2700K	H6000K	RA97	1260			
4C@20W	RGBW	620nm	520nm	465nm	H2700K	\	1260	>0.9	
4C@20W	RGBA	620nm	520nm	465nm	590nm	\	1260	>0.9	
GTF5212A-MGA250A MGB250A  MGA300A MGB300A	30W [20W] [15W] [12W]	180x0.5W SMD2835	H1800K	RA97	1380	>0.9	[BDM] 360°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(7%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDX]: DMX512(1%) [CDA]: DALI(1%) [CDP]: PWM(1%) [CRB]: Bluetooth(1%) [CRZ]: Zigbee(1%) [CRF]: 2.4G (1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz
			H2500K	RA97	1680				
			H2700K	RA97	1760				
			H3000K	RA97	1890				
			H3500K	RA97	1890				
			H4000K	RA97	2080				
			H5000K	RA97	2080				
	H6000K	RA97	2040						
	2C@30W	TWG	H2700K	H6000K	RA97	1760			
4C@30W	RGBW	620nm	520nm	465nm	H2700K	\	1760	>0.9	
4C@30W	RGBA	620nm	520nm	465nm	590nm	\	1760	>0.9	
GTF5212A-MGA350A MGB350A	50W [40W] [20W] [15W]	240x0.5W SMD2835	H1800K	RA97	2360	>0.9	[BDM] 360°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(7%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDX]: DMX512(1%) [CDA]: DALI(1%) [CDP]: PWM(1%) [CRB]: Bluetooth(1%) [CRZ]: Zigbee(1%) [CRF]: 2.4G (1%)	[ CV DC12V ] [ CV DC24V ] [ CV DC42V ]
			H2500K	RA97	2870				
			H2700K	RA97	3030				
			H3000K	RA97	3240				
			H3500K	RA97	3240				
			H4000K	RA97	3560				
			H5000K	RA97	3560				
	H6000K	RA97	3500						
	2C@50W	TWG	H2700K	H6000K	RA97	3030			
4C@50W	RGBW	620nm	520nm	465nm	H2700K	\	3030	>0.9	
4C@50W	RGBA	620nm	520nm	465nm	590nm	\	3030	>0.9	
GTF5212A-MGA400A MGB400A  MGA500A MGB500A	60W [50W] [40W] [20W]	360x0.5W SMD2835	H1800K	RA97	2960	>0.9	[BDM] 360°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(7%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(10%) [CDX]: DMX512(1%) [CDA]: DALI(1%) [CDP]: PWM(1%) [CRB]: Bluetooth(1%) [CRZ]: Zigbee(1%) [CRF]: 2.4G (1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz
			H2500K	RA97	3590				
			H2700K	RA97	3780				
			H3000K	RA97	4050				
			H3500K	RA97	4050				
			H4000K	RA97	4450				
			H5000K	RA97	4450				
	H6000K	RA97	4370						
	2C@60W	TWG	H2700K	H6000K	RA97	3780			
4C@60W	RGBW	620nm	520nm	465nm	H2700K	\	3780	>0.9	
4C@60W	RGBA	620nm	520nm	465nm	590nm	\	3780	>0.9	
GTF5212A-MGA600A MGB600A  MGA800A MGB800A  MGA1000A MGB1000A	75W [100W] [60W] [50W] [40W]	360x0.5W SMD2835	H1800K	RA97	3550	>0.9	[BDM] 360°	[REMOET SENSOR] Following [Sensor] [CSL]: Photocell Lux Sensor [CSPD]: Big-level PIR Motion Sensor [CSMD]: Big-level Microwave Motion Sensor	AC100~277V [AC100~240V] [AC100~347V] [AC180~528V] 50/60Hz
			H2500K	RA97	4310				
			H2700K	RA97	4540				
			H3000K	RA97	4860				
			H3500K	RA97	4860				
			H4000K	RA97	5350				
			H5000K	RA97	5350				
	H6000K	RA97	5250						
	2C@75W	TWG	H2700K	H6000K	RA97	4540			
4C@75W	RGBW	620nm	520nm	465nm	H2700K	\	4540	>0.9	
4C@75W	RGBA	620nm	520nm	465nm	590nm	\	4540	>0.9	
GTF5212A-MGA1200A MGB1200A  MGA1500A MGB1500A  MGA2000A MGB2000A	100W [75W] [60W] [50W] [40W]	480x0.5W SMD2835	H1800K	RA97	4920	>0.9	[BDM] 360°	[REMOET SENSOR] Following [Sensor] [CSL]: Photocell Lux Sensor [CSPD]: Big-level PIR Motion Sensor [CSMD]: Big-level Microwave Motion Sensor	AC100~277V [AC100~240V] [AC100~347V] [AC180~528V] 50/60Hz
			H2500K	RA97	6000				
			H2700K	RA97	6300				
			H3000K	RA97	6750				
			H3500K	RA97	6750				
			H4000K	RA97	7420				
			H5000K	RA97	7420				
	H6000K	RA97	7300						
	2C@100W	TWG	H2700K	H6000K	RA97	6300			
4C@100W	RGBW	620nm	520nm	465nm	H2700K	\	6300	>0.9	
4C@100W	RGBA	620nm	520nm	465nm	590nm	\	6300	>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.

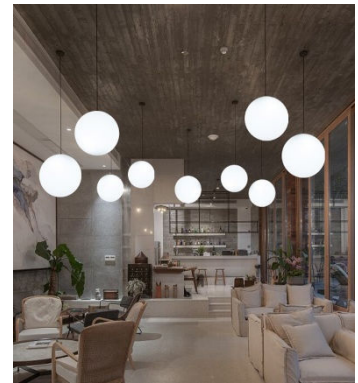
[FPSR] Retractable Stem Pendant

DIMENSION: [UNIT: MM]

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



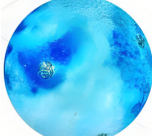


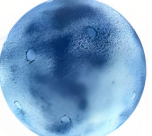



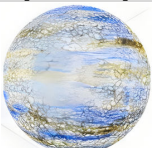
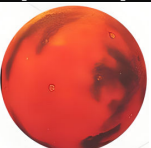
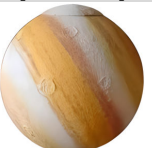


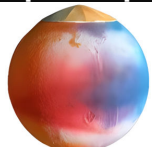
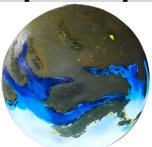

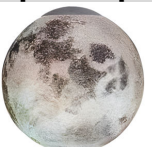



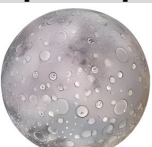


<p>(MGA150A) (MGB150A)</p> <p>Φ120/4.72" 50/1.97" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ150/5.9" (=L)</p>	<p>(MGA200A) (MGB200A)</p> <p>Φ120/4.72" 50/1.97" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ200/7.9" (=L)</p>	<p>(MGA250A) (MGB250A)</p> <p>Φ120/4.72" 50/1.97" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ250/9.84" (=L)</p>
<p>(MGA300A) (MGB300A)</p> <p>Φ120/4.72" 50/1.97" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ300/11.8" (=L)</p>	<p>(MGA400A) (MGB400A)</p> <p>Φ150/5.9" 40/1.6" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ400/15.8" (=L)</p>	<p>(MGA500A) (MGB500A)</p> <p>Φ200/7.9" 40/1.6" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ500/19.7" (=L)</p>
<p>(MGA600A) (MGB600A)</p> <p>Φ200/7.9" 40/1.6" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ600/23.6" (=L)</p>	<p>(MGA800A) (MGB800A)</p> <p>Φ250/9.8" 40/1.6" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ800/31.5" (=L)</p>	<p>(MGA1000A) (MGB1000A)</p> <p>Φ250/9.8" 40/1.6" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ1000/39.4" (=L)</p>
<p>(MGB1200A)</p> <p>Φ250/9.8" 40/1.6" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ1200/39.4" (=L)</p>	<p>(MGB1500A)</p> <p>Φ330/13" 40/1.6" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ1500/59" (=L)</p>	<p>(MGB2000A)</p> <p>Φ330/13" 40/1.6" [FPSR] L300/11.8" L400/15.8" L500/19.7" L600/23.6" L750/29.5" L1000/39.4" L1500/59" Φ2000/78.7" (=L)</p>








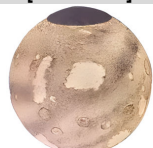



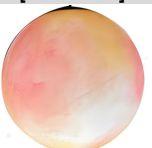
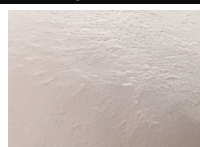

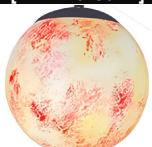


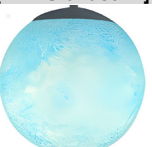
CASE STUDY:



**SPECIFICATION** **GTG212A-MG: LED GARDEN LIGHT**

STANDARD [BDM] OPAL	CUSTOM DIFFUSER (Notes: MOQ200pcs)				
	[BDM] FROSTED	[BDCS] CLEAR STRIPE	[BDP] PRISMATIC	SMOKE	COLOR
					

CUSTOM PATTERN (Notes: Hand-painted, rough surface, choose carefully)					
SAMPLE	[BPP1101A]	[BPP1102A]	[BPP1103A]	[BPP1104A]	[BPP1105A]
					
SAMPLE	[BPP1106A]	[BPP1107A]	[BPP1108A]	[BPP1109A]	[BPP1110A]
					
SAMPLE	[BPP1111A]	[BPP1112A]	[BPP1113A]	[BPP1114A]	[BPP1115A]
					
SAMPLE	[BPP1116A]	[BPP1117A]	[BPP1118A]	[BPP1119A]	[BPP1120A]
					

CUSTOM PATTERN (Notes: Hand-painted, rough surface, choose carefully)					
SAMPLE	[BPP1121A]	[BPP1122A]	[BPP1123A]	[BPP1124A]	[BPP1125A]
					
SAMPLE	[BPP1126A]	[BPP1127A]	[BPP2001A]	[BPP2001B]	[BPP2001C]
					
SAMPLE	[BPP-SUN01A]	[BPP-Mars01A]	[BPP-Jupiter01A]	[BPP-Neptune01A]	[BPP-Uranus01A]
					
SAMPLE	[BPP-Saturn01A]	[BPP-Venus01A]		[BPP-Eearth01A]	[BPP-Moon01A]
