

INTRODUCTION

FEATURE

Durable Optimized LED Lighting
 Skilled Manufacturing Technology
 Long Lifespan > 50,000hours
 Working Temperature: -30°C~50°C

MAIN MATERIAL

LED Brand: GUBO
 Driver Brand: GUBO
 Housing: Die-casted Aluminum
 Diffuser: Anti-UV Opal PC Diffuser

INSTALLATION

[MFA]Surface Mounted: Ceiling
 [MPS]Stem Pendant: Ceiling
 Tilt Adjustable ±45°, Horizontal Rotation 360°
 Suitable for Architecture Illumination, Like Balcony, Veranda, External Wall...

STANDARD

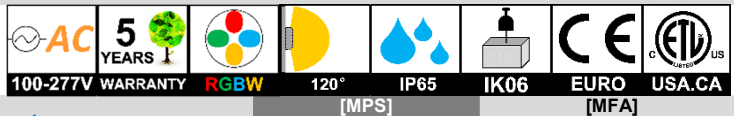
Designed and Manufactured to Comply with
 TUV/CB/CE/RoHS/SAA/Erp/cETL/FCC
 IP65 Protection, Class I Electrical

OPTION

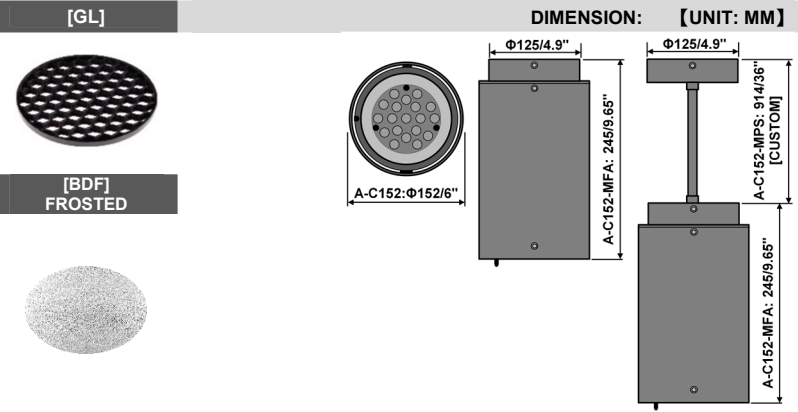
LED CCT: 1,800K~10,000K/R/G/B/Y
 [CRI]: [E] RA80, [G] RA90, [H] RA97
 [MBJ]: JBOX Mounting Kit
 [GL] Anti-glare Louver
 Custom Housing Finish: Colors by RAL Code

WHITE RAL9010P	BLACK RAL9005P	GREY RAL7042P	DARK GREY RAL7016P	BRASS RAL1024P
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GTG2109A-C: GIMBAL LED DOWNLIGHT



CASE STUDY

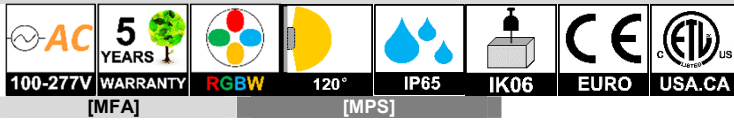


MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING	INPUT [V]
GTG2109A-C152 -MFA -MPS	*+20W [12W]	18x2W SMD3030	G2700K	RA90	1360	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°	[GDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDZ]:ZIGBEE(1%) [CRF]:2.4G RF (1%) [GDP]:PWM(1%)	*AC100~277V [AC220~240V] [AC110~130V] [AC100~240V] [AC100~347V] 50/60Hz
			G3000K	RA90	1460				
			G3500K	RA90	1460				
			G4000K	RA90	1560				
			G6000K	RA90	1510				
+2C@20W	TWG	G2700K G6000K	RA90	900	>0.5				
3C@20W	RGB	620nm 520nm 460nm	\	900	>0.4				
+4C@20W	RGBW	620nm 520nm 460nm 2700K	\	900	>0.4				
GTG2109A2-C152 -MFA -MPS	*+36W	18x5W SMD3535	G2700K	RA90	1680	>0.9	[Oval] BLV15x45° BLV15x60° BLV30x70°	[GDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDZ]:ZIGBEE(1%) [CRF]:2.4G RF (1%) [GDP]:PWM(1%)	[CV DC12V] [+CV DC24V] [CV DC36V] [CV DC48V]
			G3000K	RA90	1870				
			G3500K	RA90	1870				
			G4000K	RA90	2060				
			G6000K	RA90	1970				
+2C@36W	TWG	G2700K G6000K	RA90	1480	>0.6				
3C@36W	RGB	620nm 520nm 460nm	\	1480	>0.5				
+4C@36W	RGBW	620nm 520nm 460nm 2700K	\	1480	>0.5				
5C@36W	RGBTW	620nm 520nm 460nm 2700K 6000K	\	1480	>0.5				
GTG2109A2-C152 -MFA -MPS	*50W	18x5W SMD3535	G2700K	RA90	2240	>0.9	[GL] LM-20%	[GDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDZ]:ZIGBEE(1%) [CRF]:2.4G RF (1%) [GDP]:PWM(1%)	[CV DC12V] [+CV DC24V] [CV DC36V] [CV DC48V]
			G3000K	RA90	2490				
			G3500K	RA90	2490				
			G4000K	RA90	2750				
			G6000K	RA90	2660				
+2C@50W	TWG	G2700K G6000K	RA90	1980	>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.

GTG2109A-S: GIMBAL LED DOWNLIGHT



INTRODUCTION

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 Housing: Die-casted Aluminum
 Diffuser: Anti-UV Opal PC Diffuser

INSTALLATION

Surface Mounted: Ceiling, Wall, Pillar-top
 Suitable for Architecture Illumination, Like Balcony, Veranda, External Wall...

STANDARD

Designed and Manufactured to Comply with
 TUV/CB/CE/RoHS/SAA/Erp/cETL/FCC
 IP65 Protection, Class I Electrical

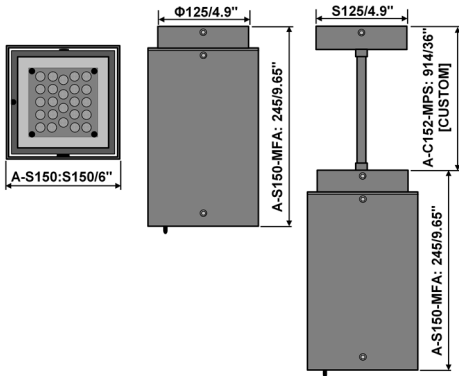
OPTION

LED CCT: 1,800K~10,000K/R/G/B/Y
 [CRI]: [E] RA80, [G] RA90, [H] RA97
 [MBJ]: JBOX Mounting Kit
 [CBE] Emergency: 90min 5W
 [CSL]: Photocell Lux Sensor
 [CSM]: Microwave Motion Sensor
 [CSMD]: Dimmable Microwave Motion Sensor
 Custom Housing Finish: Colors by RAL Code



WHITE RAL9010P	BLACK RAL9005P	GREY RAL7042P	DARK GREY RAL7016P	BRASS RAL1024P
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DIMENSION: [UNIT: MM]



CASE STUDY



MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING	INPUT [V]
GTG2109A-S150 -MFA -MPS	*+20W [12W]	24x2W SMD3030	G2700K	RA90	1360	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°	[CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDZ]:ZIGBEE(1%) [CRF]:2.4G RF (1%) [GDP]:PWM(1%)	*AC100~277V [AC220~240V] [AC110~130V] [AC100~240V] [AC100~347V] 50/60Hz
			G3000K	RA90	1460				
			G3500K	RA90	1460				
			G4000K	RA90	1560				
			G6000K	RA90	1510				
	+2C@20W	TWG	G2700K	G6000K	RA90	900	>0.5		
3C@20W	RGB	620nm	520nm	460nm	\	900	>0.4		
+4C@20W	RGBW	620nm	520nm	460nm	2700K	\	900	>0.4	
GTG2109A2-S150 -MFA -MPS	*+36W	24x5W SMD3535	G2700K	RA90	1680	>0.9	[Oval] BLV15x45° BLV15x60° BLV30x70°	[BDF] LM-30% BDF:120°	[CV DC12V] [+CV DC24V] [CV DC36V] [CV DC48V]
			G3000K	RA90	1870				
			G3500K	RA90	1870				
			G4000K	RA90	2060				
			G6000K	RA90	1970				
	+2C@36W	TWG	G2700K	G6000K	RA90	1480	>0.6		
3C@36W	RGB	620nm	520nm	460nm	\	1480	>0.5		
+4C@36W	RGBW	620nm	520nm	460nm	2700K	\	1480	>0.5	
5C@36W	RGBTW	620nm	520nm	460nm	2700K	6000K	\	1480	>0.5
GTG2109A2-S150 -MFA -MPS	*50W	24x5W SMD3535	G2700K	RA90	2240	>0.9	[GL] LM-20%		
			G3000K	RA90	2490				
			G3500K	RA90	2490				
			G4000K	RA90	2750				
			G6000K	RA90	2660				
	+2C@50W	TWG	G2700K	G6000K	RA90	1980	>0.6		

NOTE:

All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment.
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