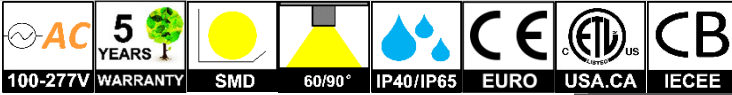


GTR4521A: LED DOWNLIGHT



INTRODUCTION

FEATURES

- Optimized Antiglare Deep Baffled Downlight
- Upgrade LED Technology
- Long Lifespan Design >50,000hours
- Working Temperature: -20°C~50°C

MATERIALS & FINISH

- LED Brand: GUBO
- Internal Flicker-free Driver Brand: GUBO
- Housing: Aluminum Radiator
- Optics: High Efficiency PC Lens

INSTALLATION

- [FFS] Surface Mounted
- Suitable for Interior Ceiling Light, like Office.....

STANDARDS

- Designed and Manufactured to Comply with TUV/CE/RoHS/CB/SA/Erp/cETL/FCC
- Withstand Voltage: 3.75KV, Surge Protection: 2KV
- IP20 Protection, Class I Electric

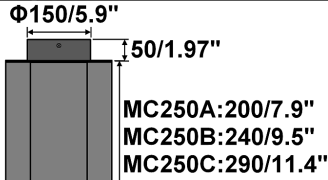
OPTIONS

- LED CCT: 1800K~10,000K/R/G/B/RGBW
- CRI: [E] Ra80, [G] Ra90, [H] Ra97
- [IP65]: IP65 Protection. Suit for Wet Location
- Custom Housing Finish: Colors by RAL Code

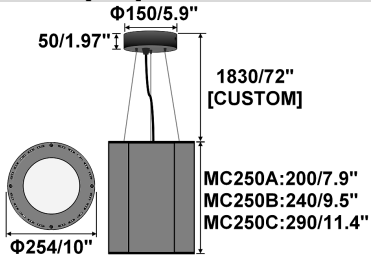
WHITE	BLACK	GREY	DARK GREY	BRASS
RAL9010P	RAL9005P	RAL7042P	RAL7016P	RAL1024P

DIMENSION: [UNIT: MM]

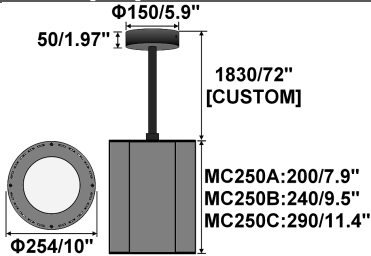
[FFS]: Surface Mounted



[FPW]: Wire Pendant



[FPS]: Stem Pendant



CASE STUDY



MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING MODE	INPUT [V]		
GTR4521A- MC250A- -FFS -FPW -FPS	150W [120W] [120W] [100W] [80W] [60W]	180x2W SMD3030	G2700K	RA90	12140	>0.9	BR60D:60° BR90D:90°	[CDT]:TRIAC(15%) [CDV]:0~1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:BLUETOOTH(1%)	AC100~277V [AC100~240V] [AC100~347V] [AC180~528V] 50/60Hz		
			G3000K	RA90	13020						
			G3500K	RA90	13020						
			G4000K	RA90	13020	>0.9					
			G5000K	RA90	13900						
			G6000K	RA90	12760						
			H2700K	RA97	9240	>0.9					
			H3000K	RA97	10120						
			H3500K	RA97	10120						
			H4000K	RA97	11100						
			H5000K	RA97	11100						
			H6000K	RA97	10800						
			2C@150W	TWG	G2700K G6000K	RA90				9660	>0.9
			4C@150W	RGBWG	620nm 520nm 460nm G2700K	/				9660	>0.9
4C@150W	RGBA	620nm 520nm 460nm 590nm	/	9660	>0.9						
GTR4521A- MC250A- -FFS -FPW -FPS	200W [150W] [120W]	180x2W SMD3030	G2700K	RA90	17350	>0.9					
			G3500K	RA90	18610						
			G3000K	RA90	18610		>0.9				
			G4000K	RA90	18610						
			G5000K	RA90	19860						
			G6000K	RA90	18480						
			H2700K	RA97	13200	>0.9					
			H3000K	RA97	14460						
			H3500K	RA97	14460						
			H4000K	RA97	15710						
			H5000K	RA97	15710						
			H6000K	RA97	15460						
			2C@200W	TWG	G2700K G6000K	RA90	12870	>0.9			
			4C@200W	RGBWG	620nm 520nm 460nm G2700K	/	12870	>0.9			
4C@200W	RGBA	620nm 520nm 460nm 590nm	/	12870	>0.9						

NOTE:

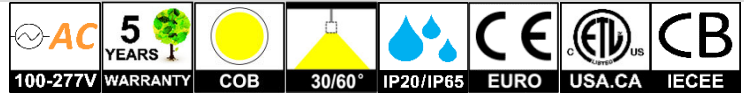
All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment. Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.

INTRODUCTION

GTR4521B: LED DOWNLIGHT

FEATURES

Optimized Antiglare Deep Baffled Downlight
 Easy Fast Installation and Maintenance Freely
 Long Lifespan Design >50,000hours
 Working Temperature: -20°C~50°C



MATERIALS & FINISH

LED Brand: GUBO
 Internal Flicker-free Driver Brand: GUBO
 Housing: Aluminum Radiator
 Optics: High Efficiency PC Lens

INSTALLATION

[FFS] Surface Mounted
 Suitable for Interior Ceiling Light, like Office.....

STANDARDS

Designed and Manufactured to Comply with
 TUV/CE/RoHS/CB/SAA/Erp/cETL/FCC
 Withstand Voltage: 3.75KV, Surge Protection: 2KV
 IP20 Protection, Class I Electric

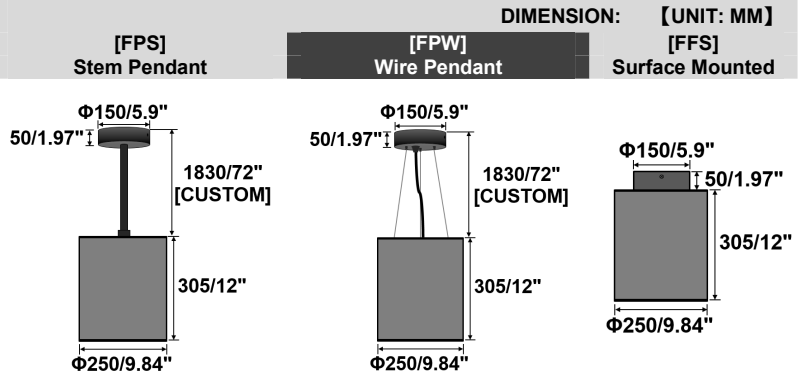
OPTIONS

LED CCT: 1800K~10,000K/R/G/B/RGBW
 CRI: [E] Ra80, [G] Ra90, [H] Ra97(RG0)
 [IP65]: IP65 Protection. Suit for Wet Location
 F1: Custom Housing Finish Colors by RAL Code



[F2] CUSTOM TRIM FINISH: Colors by RAL Code					[BGB] CUSTOM BAFFLE FINISH				
WHITE	BLACK	GREY	DARK GREY	BRASS	WHITE	BLACK	CHROME	GUN BLACK	ROSE GOLD
RAL9010P	RAL9005P	RAL7042P	RAL7016P	RAL1024P	[F3MWT]	[F3MBK]	[F3GCM]	[F3GBKG]	[F3GGDR]

CASE STUDY



MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING MODE	INPUT [V]
GTR4521B- -MC250A- -FFS -FPW -FPS	150W [120W] [120W] [100W] [80W] [60W]	180x2W SMD3030	G2700K	RA90	12140	>0.9	BR30D:30° BR60D:60°	[CDT]:TRIAC(15%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:BLUETOOTH(1%)	AC100~277V [AC100~240V] [AC100~347V] [AC180~528V] 50/60Hz
			G3000K	RA90	13020				
			G3500K	RA90	13020				
			G4000K	RA90	13020	>0.9			
			G5000K	RA90	13900				
			G6000K	RA90	12760				
			H2700K	RA97	9240				
			H3000K	RA97	10120	>0.9			
			H3500K	RA97	10120				
			H4000K	RA97	11100				
H5000K	RA97	11100							
H6000K	RA97	10800							
H6000K	RA97	10800							
2C@150W	TWG	G2700K	G6000K	RA90	9660	>0.9			
4C@150W	RGBWG	620nm	520nm	460nm	G2700K	/	9660	>0.9	
4C@150W	RGBA	620nm	520nm	460nm	590nm	/	9660	>0.9	
GTR4521B- -MC250A- -FFS -FPW -FPS	200W [150W] [120W]	180x2W SMD3030	G2700K	RA90	17350	>0.9	BR30D:30° BR60D:60°	[CDT]:TRIAC(15%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:BLUETOOTH(1%)	[CV DC24V] [CV DC42V]
			G3500K	RA90	18610				
			G3000K	RA90	18610				
			G4000K	RA90	18610	>0.9			
			G5000K	RA90	19860				
			G6000K	RA90	18480				
			H2700K	RA97	13200				
			H3000K	RA97	14460	>0.9			
			H3500K	RA97	14460				
			H4000K	RA97	15710				
H5000K	RA97	15710							
H6000K	RA97	15460							
H6000K	RA97	15460							
2C@200W	TWG	G2700K	G6000K	RA90	12870	>0.9			
4C@200W	RGBWG	620nm	520nm	460nm	G2700K	/	12870	>0.9	
4C@200W	RGBA	620nm	520nm	460nm	590nm	/	12870	>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.