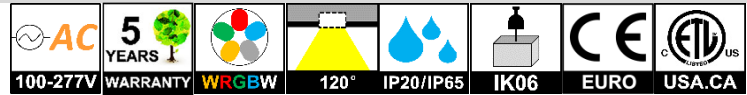


INTRODUCTION

GTR1701: RECESSED LED DOWNLIGHT

FEATURE

Concise Optimized LED Lighting Structure
 Optimized Waterproof Structure
 Long Lifespan Design>50,000hours
 Working Temperature: -30°C~50°C



MATERIAL & FINISH

LED Brand: GUBO [LM80]
 Remote Driver Brand: GUBO
 Housing: Patent Die-casted Aluminum Radiator
 Optics: Nano Paper Reflector
 Diffuser: Frosted PC Diffuser

INSTALLATION

Installation: False Ceiling Recessed
 Suitable for Interior & Exterior Ceiling Light

STANDARD

Designed and Manufactured to Comply with
 TUV/CB/CE/RoHS/EMF/SA/Erp/cETL/FCC
 Withstand Voltage: 3.75KV, Surge Protection: 1.0KV
 IP20 Protection, Class II Electric

OPTION

LED CCT: 1,800K~10,000K/R/G/B/Y/A
 Personal Eye Protection Standard: RG0 (EN166:2001)
 LED Grown Light: **Full Spectrum** 380nm~840nm
 [CRI]: [E] RA80, [G] RA90, [H] RA97
 [IP65]: IP65 Protection Class With Glass Diffuser.
 Custom Housing Finish: Colors by RAL Code

WHITE RAL9010P	BLACK RAL9005P	GREY RAL7042P	DARK GREY RAL7016P	GOLDEN RAL1004P
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(A) (B) (C)



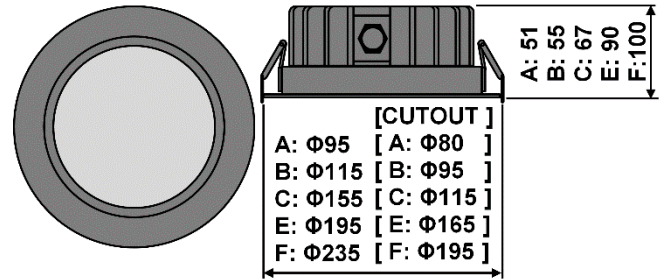
(E) (F)



CASE STUDY



DIMENSION: [UNIT: MM]



MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING	INPUT [V]			
GTR1701A +GTR1701A-IP65	**10W [6W] [12W]	50x0.5W SMD2835	H2500K	RA97	740	>0.9	120°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [**CDV0]: 0~10V(1%) [CDV1]: 1~10V(15%) [+CDX]: DMX512(1%) [+CDA]: DALI(1%) [+CDP]: PWM(1%) [+CDZ]: ZIGBEE(1%) [+CRF]: 2.4G RF(1%)	**AC100-277V [AC220~240V] [AC100~347V] [AC180~528V] 50/60Hz			
			H2700K	RA97	820							
			H3000K	RA97	880							
			H3500K	RA97	880							
			H4000K	RA97	940							
			H5000K	RA97	940							
			H6000K	RA97	920							
			+2C@10W	12TWH	H2700K H6000K					RA97	820	>0.9
			3C@10W	12RGB	620nm 520nm 455nm					\	820	>0.6
			+4C@10W	12RGBWH	620nm 520nm 455nm H2700K					\	820	>0.5
4C@10W	12RGBA	620nm 520nm 455nm 590nm	\	820	>0.5							
5C@10W	12RGBTWH	620nm 520nm 455nm H2700K H6000K	\	820	>0.5							
GTR1701B +GTR1701B-IP65	**15W [10W]	84x0.5W SMD2835	H2500K	RA97	1030	>0.9	120°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [**CDV0]: 0~10V(1%) [CDV1]: 1~10V(15%) [+CDX]: DMX512(1%) [+CDA]: DALI(1%) [+CDP]: PWM(1%) [+CDZ]: ZIGBEE(1%) [+CRF]: 2.4G RF(1%)	**AC100-277V [AC220~240V] [AC100~347V] [AC180~528V] 50/60Hz			
			H2700K	RA97	1140							
			H3000K	RA97	1230							
			H3500K	RA97	1230							
			H4000K	RA97	1320							
			H5000K	RA97	1320							
			H6000K	RA97	1290							
			+2C@15W	18TWH	H2700K H6000K					RA97	1140	>0.7
			3C@15W	18RGB	620nm 520nm 455nm					\	1140	>0.7
			+4C@15W	18RGBWH	620nm 520nm 455nm H2700K					\	1140	>0.5
4C@15W	18RGBA	620nm 520nm 455nm 590nm	\	1140	>0.5							
5C@15W	18RGBTWH	620nm 520nm 455nm H2700K H6000K	\	1140	>0.5							
GTR1701C +GTR1701C-IP65	**20W [15W] [10W]	120x0.5W SMD2835	H2500K	RA97	1460	>0.9	120°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [**CDV0]: 0~10V(1%) [CDV1]: 1~10V(15%) [+CDX]: DMX512(1%) [+CDA]: DALI(1%) [+CDP]: PWM(1%) [+CDZ]: ZIGBEE(1%) [+CRF]: 2.4G RF(1%)	**AC100-277V [AC220~240V] [AC100~347V] [AC180~528V] 50/60Hz			
			H2700K	RA97	1630							
			H3000K	RA97	1750							
			H3500K	RA97	1750							
			H4000K	RA97	1880							
			H5000K	RA97	1880							
			H6000K	RA97	1840							
			+2C@20W	24TWH	H2700K H6000K					RA97	1630	>0.8
			3C@20W	24RGB	620nm 520nm 455nm					\	1630	>0.7
			+4C@20W	24RGBWH	620nm 520nm 455nm H2700K					\	1630	>0.6
4C@20W	24RGBA	620nm 520nm 455nm 590nm	\	1630	>0.6							
5C@20W	24RGBTWH	620nm 520nm 455nm H2700K H6000K	\	1630	>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 ±3.

INTRODUCTION

GTR1701: RECESSED LED DOWNLIGHT

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING	INPUT [V]		
GTR1701E +GTR1701E-IP65	**25W [20W] [15W]	144x0.5W SMD2835	H2500K	RA97	1760	> 0.9	120°	[CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [**CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [+CDX]:DMX512(1%) [+CDA]:DALI(1%) [+CDP]:PWM(1%) [+CDZ]:ZIGBEE(1%) [+CRF]:2.4G RF(1%)	**AC100~277V [AC220~240V] [AC100~347V] [AC180~528V] 50/60Hz		
			H2700K	RA97	1960						
			H3000K	RA97	2100						
			H3500K	RA97	2100						
			H4000K	RA97	2260						
			H5000K	RA97	2260						
	H6000K	RA97	2260								
	+2C@25W	60TWH	H2700K	H6000K	RA97	1960				> 0.9	
	3C@25W	60RGB	620nm	520nm	455nm	\				1960	> 0.6
	+4C@25W	60RGBWH	620nm	520nm	455nm	H2700K				\	1960
4C@25W	60RGBA	620nm	520nm	455nm	590nm	\	1960	> 0.5			
5C@25W	60RGBTWH	620nm	520nm	455nm	H2700K	H6000K	\	1960	> 0.5		
**GTR1701F +GTR1701F-IP65	**30W [25W] [20W] [15W]	240x0.5W SMD2835	H2500K	RA97	2200	> 0.9					
			H2700K	RA97	2440						
			H3000K	RA97	2630						
			H3500K	RA97	2630						
			H4000K	RA97	2820						
			H5000K	RA97	2820						
	H6000K	RA97	2760								
	+2C@30W	72TWH	H2700K	H6000K	RA97	2440	> 0.9				
	3C@30W	72RGB	620nm	520nm	455nm	\	2440	> 0.8			
	+4C@30W	72RGBWH	620nm	520nm	455nm	H2700K	\	2440	> 0.7		
4C@30W	72RGBA	620nm	520nm	455nm	590nm	\	2440	> 0.6			
5C@30W	72RGBTWH	620nm	520nm	455nm	H2700K	H6000K	\	2440	> 0.5		

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 ±3.

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING	INPUT [V]		
GTR1701A +GTR1701A-IP65	**10W [6W]	50x0.5W SMD2835	G2500K	RA90	900	> 0.9	120°	[CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [**CDV0]:0~10V(1%) [CDV1]:1~10V(15%) [+CDX]:DMX512(1%) [+CDA]:DALI(1%) [+CDP]:PWM(1%) [+CDZ]:ZIGBEE(1%) [+CRF]:2.4G RF(1%)	**AC100~277V [AC220~240V] [AC100~347V] [AC180~528V] 50/60Hz		
			G2700K	RA90	1000						
			G3000K	RA90	1060						
			G3500K	RA90	1060						
			G4000K	RA90	1130						
			G5000K	RA90	1130						
			G6000K	RA90	1100						
+2C@10W	12TWG	G2700K	G6000K	RA90	1000	> 0.9					
+4C@10W	12RGBWG	620nm	520nm	455nm	G2700K	\				1000	> 0.5
5C@10W	12RGBTWG	620nm	520nm	455nm	G2700K	G6000K				\	1000
**GTR1701B +GTR1701B-IP65	**15W [10W]	84x0.5W SMD2835	G2500K	RA90	1260	> 0.9					
			G2700K	RA90	1400						
			G3000K	RA90	1490						
			G3500K	RA90	1490						
			G4000K	RA90	1580						
			G5000K	RA90	1580						
			G6000K	RA90	1530						
+2C@15W	18TWG	G2700K	G6000K	RA90	1400	> 0.7					
+4C@15W	18RGBWG	620nm	520nm	455nm	G2700K	\	1400	> 0.5			
5C@15W	18RGBTWG	620nm	520nm	455nm	G2700K	G6000K	\	1400	> 0.5		
**GTR1701C +GTR1701C-IP65	**20W [15W] [10W]	120x0.5W SMD2835	G2500K	RA90	1800	> 0.9					
			G2700K	RA90	2000						
			G3000K	RA90	2130						
			G3500K	RA90	2130						
			G4000K	RA90	2260						
			G5000K	RA90	2260						
			G6000K	RA90	2200						
+2C@20W	24TWG	G2700K	G6000K	RA90	2000	> 0.8					
+4C@20W	24RGBWG	620nm	520nm	455nm	G2700K	\	2000	> 0.6			
5C@20W	24RGBTWG	620nm	520nm	455nm	G2700K	G6000K	\	2000	> 0.6		
**GTR1701E +GTR1701E-IP65	**25W [20W] [15W]	144x0.5W SMD2835	G2500K	RA90	2160	> 0.9					
			G2700K	RA90	2400						
			G3000K	RA90	2560						
			G3500K	RA90	2560						
			G4000K	RA90	2710						
			G5000K	RA90	2710						
			G6000K	RA90	2640						
+2C@25W	60TWG	G2700K	G6000K	RA90	2400	> 0.7					
+4C@25W	60RGBWG	620nm	520nm	455nm	G2700K	\	2400	> 0.5			
5C@25W	60RGBTWG	620nm	520nm	455nm	G2700K	G6000K	\	2400	> 0.5		
**GTR1701F +GTR1701F-IP65	**30W [25W] [20W] [15W]	240x0.5W SMD2835	G2500K	RA90	2700	> 0.9					
			G2700K	RA90	3000						
			G3000K	RA90	3200						
			G3500K	RA90	3200						
			G4000K	RA90	3380						
			G5000K	RA90	3380						
			G6000K	RA90	3290						
+2C@30W	72TWG	G2700K	G6000K	RA90	3000	> 0.8					
+4C@30W	72RGBWG	620nm	520nm	455nm	G2700K	\	3000	> 0.6			
5C@30W	72RGBTWG	620nm	520nm	455nm	G2700K	G6000K	\	3000	> 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 ±3.