

**INTRODUCTION**

**GTR1701A: 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: Die-casted Aluminum Radiator
- Optics: Nano Paper Reflector
- Diffuser: Opal PC Diffuser

**INSTALLATION**

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

**STANDARD**

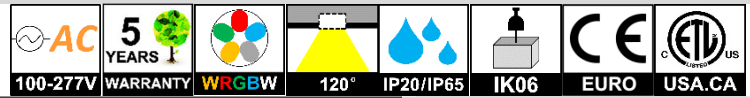
- Designed and Manufactured to Comply with TUV/CB/CE/RoHS/EMF/SA/Erp/cETL/FCC
- Withstand Voltage: 3.75KV, Surge Protection: 1.0KV
- (MCA) IP20 Protection, Class II Electric
- (MCB) IP65 Protection, Class I Electric

**CUSTOM OPTION**

- LED CCT: 1,800K~10,000K/R/G/B/Y/A
- [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)
- [SFT] Custom Trim Finish: Colors by RAL Code

WHITE	BLACK	GREY	DARK GREY	GOLDEN
RAL9010P	RAL9005P	RAL7042P	RAL7016P	RAL1004P

**CASE STUDY**



	<b>(MCA80A)</b>	<b>DIMENSION: [UNIT: MM]</b>
	<b>(MCA95A)</b>	<b>DIMENSION: [UNIT: MM]</b>
	<b>(MCA115A)</b>	<b>DIMENSION: [UNIT: MM]</b>
	<b>(MCA165A)</b>	<b>DIMENSION: [UNIT: MM]</b>
	<b>(MCA200A)</b>	<b>DIMENSION: [UNIT: MM]</b>

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTR1701A-MCA80A (IP20) MCB80A (IP65)	10W [6W]	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%) [CRZ]: 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				
			H5700K	RA97	920				
	2C@10W	TWH	H2700K	H5700K	RA97	820	> 0.9		
	3C@10W	RGB	620nm 520nm 460nm	\	\	820	> 0.9		
	4C@10W	RGBW	620nm 520nm 460nm H2700K	\	\	820	> 0.9		
4C@10W	RGBA	620nm 520nm 460nm 590nm	\	\	820	> 0.9			
5C@10W	RGBTW	620nm 520nm 460nm H2700K H5700K	\	\	820	> 0.9			
GTR1701A-MCA95A (IP20) MCB95A (IP65)	15W [10W]	84x0.5W SMD2835	H2500K	RA97	1030	> 0.9	120°	[CV DC12V] [CV DC24V] [CV DC36V]	
			H2700K	RA97	1140				
			H3000K	RA97	1230				
			H3500K	RA97	1230				
			H4000K	RA97	1320				
			H5000K	RA97	1320				
			H5700K	RA97	1290				
	2C@15W	TWH	H2700K	H5700K	RA97	1140	> 0.9		
	3C@15W	RGB	620nm 520nm 460nm	\	\	1140	> 0.9		
	4C@15W	RGBW	620nm 520nm 460nm H2700K	\	\	1140	> 0.9		
4C@15W	RGBA	620nm 520nm 460nm 590nm	\	\	1140	> 0.9			
5C@15W	RGBTW	620nm 520nm 460nm H2700K H5700K	\	\	1140	> 0.9			
GTR1701A-MCA115A (IP20) MCB115A (IP65)	20W [15W] [10W]	0x0.5W SMD2835	H2500K	RA97	1460	> 0.9	120°	[CV DC12V] [CV DC24V] [CV DC36V]	
			H2700K	RA97	1630				
			H3000K	RA97	1750				
			H3500K	RA97	1750				
			H4000K	RA97	1880				
			H5000K	RA97	1880				
			H5700K	RA97	1840				
	2C@20W	TWH	H2700K	H5700K	RA97	1630	> 0.9		
	3C@20W	RGB	620nm 520nm 460nm	\	\	1630	> 0.9		
	4C@20W	RGBW	620nm 520nm 460nm H2700K	\	\	1630	> 0.9		
4C@20W	RGBA	620nm 520nm 460nm 590nm	\	\	1630	> 0.9			
5C@20W	RGBTW	620nm 520nm 460nm H2700K H5700K	\	\	1630	> 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 ±3.

**INTRODUCTION**

**GTR1701A: RECESSED LED DOWNLIGHT**

MODEL	POWER [W]	LED TYPE	CCT [K]					CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTR1701A-MCA165A (IP65) MCB165A (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%) [CRZ]: 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				
	H5700K					RA97	2260						
	2C@25W	TWH	H2700K		H5700K			RA97	1960	> 0.9			
	3C@25W	RGB	620nm	520nm	460nm	H2700K		\	1960	> 0.9			
	4C@25W	RGBW	620nm	520nm	460nm	H2700K		\	1960	> 0.9			
4C@25W	RGBA	620nm	520nm	460nm	590nm		\	1960	> 0.9				
5C@25W	RGBTW	620nm	520nm	460nm	H2700K H5700K		\	1960	> 0.9				
GTR1701A-MCA200A (IP65) MCB200A (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				
	H5700K					RA97	2760						
	2C@30W	TWH	H2700K		H5700K			RA97	2440	> 0.9			
	3C@30W	RGB	620nm	520nm	460nm	H2700K		\	2440	> 0.9			
	4C@30W	RGBW	620nm	520nm	460nm	H2700K		\	2440	> 0.9			
4C@30W	RGBA	620nm	520nm	460nm	590nm		\	2440	> 0.9				
5C@30W	RGBTW	620nm	520nm	460nm	H2700K H5700K		\	2440	> 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 ±3.

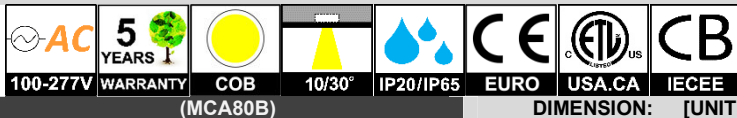
MODEL	POWER [W]	LED TYPE	CCT [K]					CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTR1701A-MCA80A (IP20) MCB80A (IP65)	10W [6W]	50x0.5W SMD2835	G2500K					RA90	900	> 0.9	120°	[CDT]: TRIAC(10%) [CDV]: 0/1~10V(8%) [CDV0]: 0~10V(1%) [CDV1]: 1~10V(15%) [CDX]: DMX512(1%) [CDA]: DALI(1%) [CDP]: PWM(1%) [CRZ]: 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				
GTR1701A-MCA95A (IP20) MCB95A (IP65)	15W [10W]	84x0.5W SMD2835	G2500K					RA90	1260	> 0.9			
			G2700K					RA90	1400				
			G3000K					RA90	1490				
			G3500K					RA90	1490				
			G4000K					RA90	1580				
GTR1701A-MCA115A (IP20) MCB115A (IP65)	20W [15W] [10W]	0x0.5W SMD2835	G2500K					RA90	1800	> 0.9			
			G2700K					RA90	2000				
			G3000K					RA90	2130				
			G3500K					RA90	2130				
			G4000K					RA90	2260				
GTR1701A-MCA165A (IP65) MCB165A (IP65)	25W [20W] [15W]	144x0.5W SMD2835	G2500K					RA90	2160	> 0.9			
			G2700K					RA90	2400				
			G3000K					RA90	2560				
			G3500K					RA90	2560				
			G4000K					RA90	2710				
GTR1701A-MCA200A (IP65) MCB200A (IP65)	30W [25W] [20W] [15W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA115A (IP20) MCB115A (IP65)	20W [15W] [10W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA165A (IP65) MCB165A (IP65)	25W [20W] [15W]	144x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA200A (IP65) MCB200A (IP65)	30W [25W] [20W] [15W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA115A (IP20) MCB115A (IP65)	20W [15W] [10W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA165A (IP65) MCB165A (IP65)	25W [20W] [15W]	144x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA200A (IP65) MCB200A (IP65)	30W [25W] [20W] [15W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA115A (IP20) MCB115A (IP65)	20W [15W] [10W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA165A (IP65) MCB165A (IP65)	25W [20W] [15W]	144x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA200A (IP65) MCB200A (IP65)	30W [25W] [20W] [15W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA115A (IP20) MCB115A (IP65)	20W [15W] [10W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA165A (IP65) MCB165A (IP65)	25W [20W] [15W]	144x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				
GTR1701A-MCA200A (IP65) MCB200A (IP65)	30W [25W] [20W] [15W]	0x0.5W SMD2835	G2500K					RA90	2700	> 0.9			
			G2700K					RA90	3000				
			G3000K					RA90	3200				
			G3500K					RA90	3200				
			G4000K					RA90	3380				

**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.

**GTR1701B: RECESSED LED DOWNLIGHT**

**INTRODUCTION**



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

**MATERIAL & FINISH**  
 LED Brand: GUBO [LM80]  
 Remote Driver Brand: GUBO  
 Housing: Die-casted Aluminum Radiator  
 Optics: High Efficiency PC Lens  
 Diffuser: Clear 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

(MCA) IP20 Protection, Class II Electric  
 (MCB) IP65 Protection, Class I Electric

**CUSTOM OPTION**  
 LED CCT: 1,800K~10,000K/R/G/B/Y/A  
 [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)  
 [SFT] Custom Trim Finish: Colors by RAL Code



TRIM FINISH: Bake Paint

MATT WHITE [MWT]	MATT BLACK [MBK]	MATT GREY [MGR]	MATT BRASS [MBR]	MATT GLODEN [MGD]
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TRIM FINISH: Electroplate (MOQ500pcs)

GLOSS BLACK [GWT]	GLOSS BLACK [GBK]	GLOSS BRASS [GBR]	GLOSS BRONZE [GBZ]	OIL RUBBED BRONZE [HOBR]
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**CASE STUDY**



MODEL	POWER [W]	LED TYPE	CCT [K]	CRI [RA]	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING MODE	INPUT [V]
GTR1701B MCA80A (IP20) MCB80A (IP65)	10W [7W]	CXM-6 COB	H2700K	RA95	630	>0.9	BL10D:10° BL30D:30°		
			H3000K	RA95	660				
			H3500K	RA95	660				
			H4000K	RA95	720				
			H5000K	RA95	720				
2C@12W	TWH	H2700K	H6000K	RA90	450	>0.9			
GTR1701B MCA95A (IP20) MCB95A (IP65)	15W [12W]	CXM-6 COB	H2700K	RA95	890	>0.9	BL10D:10° BL30D:30°		
			H3000K	RA95	920				
			H3500K	RA95	920				
			H4000K	RA95	1000				
			H5000K	RA95	1000				
2C@15W	TWH	H2700K	H6000K	RA90	600	>0.9			
GTR1701B MCA115A (IP20) MCB115A (IP65)	20W [12W]	CXM-9 COB	H2700K	RA95	1260	>0.9	BL30D:30°		
			H3000K	RA95	1320				
			H3500K	RA95	1320				
			H4000K	RA95	1440				
			H5000K	RA95	1440				
2C@20W	TWH	H2700K	H6000K	RA90	850	>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 ±3.



**INTRODUCTION**

**GTR1701C: RECESSED LED DOWNLIGHT**

**FEATURE**

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

**MATERIAL & FINISH**

LED Brand: GUBO [LM80]  
 Remote Driver Brand: GUBO  
 Housing: Die-casted Aluminum Radiator  
 Optics: High Efficiency PC Lens  
 Diffuser: Clear 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  
**(MCA)** IP20 Protection, Class II Electric  
**(MCB)** IP65 Protection, Class I Electric

**CUSTOM OPTION**

LED CCT: 1,800K~10,000K/R/G/B/Y/A  
 [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)  
 [SFT] Custom Trim Finish: Colors by RAL Code

<b>WHITE</b>	<b>BLACK</b>	<b>GREY</b>	<b>DARK GREY</b>	<b>GOLDEN</b>
RAL9010P	RAL9005P	RAL7042P	RAL7016P	RAL1004P

**CASE STUDY**



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			<b>DIMENSION:</b> [UNIT: MM] 51/2" Φ95/3.74" [CUTOUT] [Φ80/3.15"]
			<b>DIMENSION:</b> [UNIT: MM] 55/2.17" Φ115/4.53" [CUTOUT] [Φ95/3.74"]
			<b>DIMENSION:</b> [UNIT: MM] 67/2.64" Φ155/6.1" [CUTOUT] [Φ115/4.53"]
			<b>DIMENSION:</b> [UNIT: MM] 60/2.36" Φ195/7.68" [CUTOUT] [Φ165/6.5"]
			<b>DIMENSION:</b> [UNIT: MM] 65/2.56" Φ235/9.25" [CUTOUT] [Φ200/7.88"]

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	LUMEN [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]		
GTR1701C MCA80A (IP20) MCB80A (IP65)	10W	5x5W SMD3535	G2700K	RA90	660	>0.9	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°  [Oval] BLV15x45° BLV15x60°  [Louver] BGL LM-20%	[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%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%)	AC100~240V [AC100~277V] [AC100~347V] [AC180~528V] 50/60Hz  [CV DC12V] [CV DC24V] [CV DC36V]		
			G3000K	RA90	670						
			G4000K	RA90	710						
			G5000K	RA90	710						
			2C@10W	TW	G2700K					G6500K	RA90
3C@10W	RGB	620nm	520nm	460nm	\	540				>0.9	
4C@10W	RGBW	620nm	520nm	460nm	2700K	\				540	>0.9
4C@10W	RGBA	620nm	520nm	460nm	590nm	\				540	>0.9
GTR1701C MCA95A (IP20) MCB95A (IP65)	15W	6x5W SMD3535	G2700K	RA90	920	>0.9					
			G3000K	RA90	930						
			G4000K	RA90	1000						
			G5000K	RA90	1000						
			2C@15W	TW	G2700K		G6500K	RA90	780	>0.9	
3C@15W	RGB	620nm	520nm	460nm	\	780	>0.9				
4C@15W	RGBW	620nm	520nm	460nm	2700K	\	780	>0.9			
4C@15W	RGBA	620nm	520nm	460nm	590nm	\	780	>0.9			
GTR1701C MCA115A (IP20) MCB115A (IP65)	20W	12x5W SMD3535	G2700K	RA90	1310	>0.9					
			G3000K	RA90	1330						
			G4000K	RA90	1420						
			G5000K	RA90	1420						
			2C@20W	TW	G2700K		G6500K	RA90	1100	>0.9	
3C@20W	RGB	620nm	520nm	460nm	\	1100	>0.9				
4C@20W	RGBW	620nm	520nm	460nm	2700K	\	1100	>0.9			
4C@20W	RGBA	620nm	520nm	460nm	590nm	\	1100	>0.9			
GTR1701C MCA165A (IP20) MCB165A (IP65)	25W	18x5W SMD3535	G2700K	RA90	1570	>0.9					
			G3000K	RA90	1600						
			G4000K	RA90	1710						
			G5000K	RA90	1710						
			2C@25W	TW	G2700K		G6500K	RA90	1350	>0.9	
3C@25W	RGB	620nm	520nm	460nm	\	1350	>0.9				
4C@25W	RGBW	620nm	520nm	460nm	2700K	\	1350	>0.9			
4C@25W	RGBA	620nm	520nm	460nm	590nm	\	1350	>0.9			
GTR1701C MCA200A (IP20) MCB200A (IP65)	30W	24x5W SMD3535	G2700K	RA90	1830	>0.9					
			G3000K	RA90	1860						
			G4000K	RA90	2000						
			G5000K	RA90	2000						
			2C@30W	TW	G2700K		G6500K	RA90	1830	>0.9	
3C@30W	RGB	620nm	520nm	460nm	\	1830	>0.9				
4C@30W	RGBW	620nm	520nm	460nm	2700K	\	1830	>0.9			
4C@30W	RGBA	620nm	520nm	460nm	590nm	\	1830	>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 ±3.