

INTRODUCTION

FEATURE

GUBO Unique Modular Waterproof Design
Uniform Soft Garden Lighting
Long Lifespan Design >50,000hours
Working Temperature: -30°C~50°C

MAIN MATERIAL

LED Brand: GUBO
Remote Driver Brand: GUBO
Housing: Die-casted Aluminum
Optics: High Efficiency Opal PC Lens
Diffuser: Toughen Anti-UV PC Diffuser

INSTALLATION

Suitable for Interior & Exterior Lighting
[FFS]: Flush Surface Mounted
[FPS]: Stem Pendant
[FPC]: Catenary Pendant
[FWA]: Wall Surface Mounted
[FWH]: Updown Lighting Wall Surface Mounted
[FSC]: Slip Fitter Mounted
[FJP]: Fixing Plate on JBOX/Outlet Box
[PSA]: Aluminum Straight Bollard

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

STANDARD

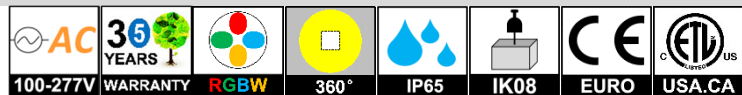
Designed and Manufactured to Comply with
CE/RoHS/CB/cETL/SAA/SASO Standard
IP65 Protection, Class I Electric

CUSTOM OPTIONS

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

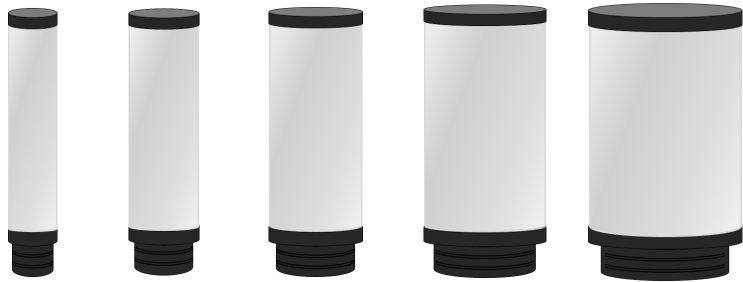
WHITE	BLACK	DARK GREY	GREY	PEARL GREY
RAL9010P	RAL9005P	RAL7016P	RAL7043P	RAL9022P
				

TARA: LED GARDEN LIGHT



EXAMPLE OF LED MODULE [FLD-L305]

(MCA65A) (MCA95A) (MCA125A) (MCA160A) (MCA200A)



Custom Fixing Kits

[MTF]
[FFS]

[MTF]
[FFS]

[MTF]
[PSA]

[MTT]
[PSA]

[MTF]
[PSA]

[MTD]
[FWA]

Custom Roof Profile

[MTF]
Flat Roof

[MTD]
Dome Roof

[MTT]
Tilt Roof



TARA-MCA125A: LED GARDEN LIGHT

SPECIFICATION

MODEL	POWER [W]	LED TYPE	CCT [K]		CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM OPTIONAL DIMMING	INPUT [V]	
TARA-MCA125A-FLD150A	10W [6W]	72x0.5W SMD2835	G3000K		RA90	900	> 0.9	[BDM] 360°	Following by Remote Driver [Inside Bollard] [CDN]:Non-dimmable [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDA]:DALI(1%) [CDX]:DMX512(1%) [+CDP]:PWM(1%) Following [Sensor] [CSL]: Photocell Lux Sensor  [CSPD]: Big-level PIR Motion Sensor  [CSMD]: Big-level Microwave Motion Sensor  Following by Remote Driver [Outside Bollard] [CDX]:DMX512(1%) [CDS]:SPI(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	AC100~277V [AC220~240V] [AC100~240V] [AC100~347V] 50/60Hz [CV DC12V] [CV DC24V] [CV DC42V]	
			G4000K		RA90	950					
			G5000K		RA90	950					
			H2700K		RA97	680					
			H3000K		RA97	740					
			H3500K		RA97	740					
			H4000K		RA97	790					
	H5000K		RA97	790							
2C@10W	TWG	H2700K	H5700K	RA97	680	> 0.9					
4C@10W	RGBW	620nm	520nm	460nm	H2700K	\	680				> 0.9
TARA-MCA125A-FLD300A	20W [15W] [12W]	144x0.5W SMD2835	G3000K		RA90	1800	> 0.9				
			G4000K		RA90	1910					
			G5000K		RA90	1910					
			H2700K		RA97	1380	> 0.9				
			H3000K		RA97	1480					
			H3500K		RA97	1480					
			H4000K		RA97	1580					
	H5000K		RA97	1580							
2C@20W	TWG	H2700K	H5700K	RA97	1380	> 0.9					
4C@20W	RGBW	620nm	520nm	460nm	H2700K	\	1380				> 0.9
TARA-MCA125A-FLD450A	30W [18W]	216x0.5W SMD2835	G3000K		RA90	2520	> 0.9				
			G4000K		RA90	2670					
			G5000K		RA90	2670					
			H2700K		RA97	1930	> 0.9				
			H3000K		RA97	2070					
			H3500K		RA97	2070					
			H4000K		RA97	2220					
	H5000K		RA97	2220							
2C@30W	TWG	H2700K	H5700K	RA97	1930	> 0.9					
4C@30W	RGBW	620nm	520nm	460nm	H2700K	\	1930	> 0.9			
TARA-MCA125A-FLD600A	40W [30W] [24W]	288x0.5W SMD2835	G3000K		RA90	3600	> 0.9				
			G4000K		RA90	3810					
			G5000K		RA90	3810					
			H2700K		RA97	2750	> 0.9				
			H3000K		RA97	2960					
			H3500K		RA97	2960					
			H4000K		RA97	3180					
	H5000K		RA97	3180							
2C@40W	TWG	H2700K	H5700K	RA97	2750	> 0.9					
4C@40W	RGBW	620nm	520nm	460nm	H2700K	\	2750	> 0.9			
TARA-MCA125A-FLD900A	50W [40W] [36W] [20W]	360x0.5W SMD2835	G3000K		RA90	4320	> 0.9				
			G4000K		RA90	4570					
			G5000K		RA90	4570					
			H2700K		RA90	3300	> 0.9				
			H3000K		RA90	3560					
			H3500K		RA90	3560					
			H4000K		RA90	3810					
	H5000K		RA90	3810							
2C@50W	TWG	H2700K	H5700K	RA90	3300	> 0.9					
4C@50W	RGBW	620nm	520nm	460nm	H2700K	\	3300	> 0.9			
TARA-MCA125A-FLD1200A	60W [48W] [30W] [20W]	480x0.5W SMD2835	G3000K		RA90	5400	> 0.9				
			G4000K		RA90	5720					
			G5000K		RA90	5720					
			H2700K		RA97	4130	> 0.9				
			H3000K		RA97	4450					
			H3500K		RA97	4450					
			H4000K		RA97	4760					
	H5000K		RA97	4760							
2C@60W	TWG	H2700K	H5700K	RA97	4130	> 0.9					
4C@60W	RGBW	620nm	520nm	460nm	H2700K	\	4130	> 0.9			
TARA-MCA125A-FLD1500A	80W [60W] [50W] [40W]	600x0.5W SMD2835	G3000K		RA90	7200	> 0.9				
			G4000K		RA90	7620					
			G5000K		RA90	7620					
			H2700K		RA97	5500	> 0.9				
			H3000K		RA97	5930					
			H3500K		RA97	5930					
			H4000K		RA97	6350					
	H5000K		RA97	6350							
2C@80W	TWG	H2700K	H5700K	RA97	5500	> 0.9					
4C@80W	RGBW	620nm	520nm	460nm	H2700K	\	5500	> 0.9			
TARA-MCA125A-FLD1800A	100W [80W] [60W] [50W] [40W]	720x0.5W SMD2835	G3000K		RA90	9000	> 0.9				
			G4000K		RA90	9530					
			G5000K		RA90	9530					
			H2700K		RA97	6880	> 0.9				
			H3000K		RA97	7410					
			H3500K		RA97	7410					
			H4000K		RA97	7940					
	H5000K		RA97	7940							
2C@100W	TWG	H2700K	H5700K	RA97	6880	> 0.9					
4C@100W	RGBW	620nm	520nm	460nm	H2700K	\	6880	> 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.

TARA-MCA125A: LED GARDEN LIGHT

SPECIFICATION

[FFS] Flush Surface Mounted Light

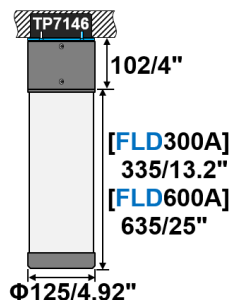
DIMENSION:[UNIT: MM]

NOTES:

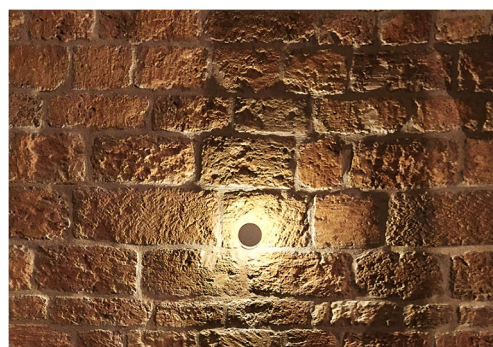
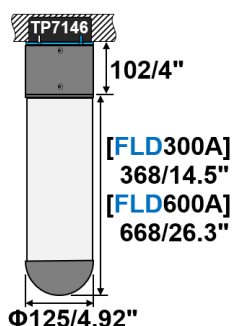
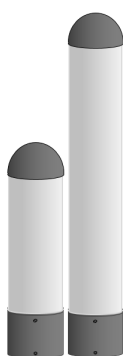
Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

(MCA125A-FLD)-[MTF]
Fixing: [FFS]-[FJP-TP7146]

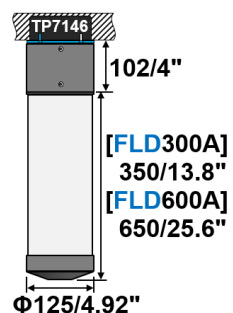
CAST STUDY



(MCA125A-FLD)-[MTD]
Fixing: [FFS]-[FJP-TP7146]



(MCA125A-FLD)-[MTT]
Fixing: [FFS]-[FJP-TP7146]



[FWA] Wall Surface Mounted Light

DIMENSION:[UNIT: MM]

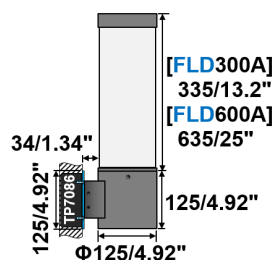
NOTES:

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

(MCA125A-FLD)-[MTF]

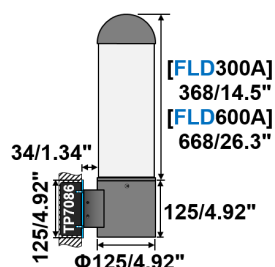
Fixing: [FWA]-[FJP-TP7086]

CASE STUDY:



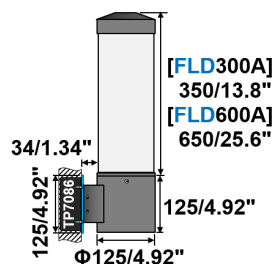
(MCA125A-FLD)-[MTD]

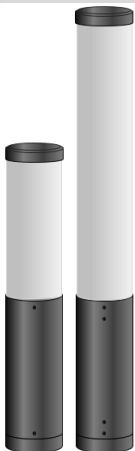
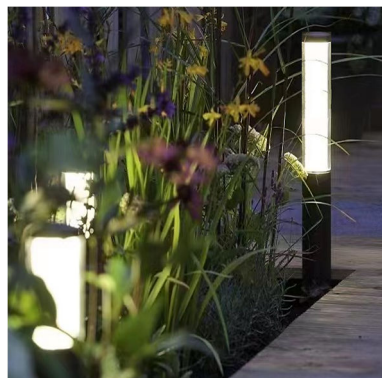
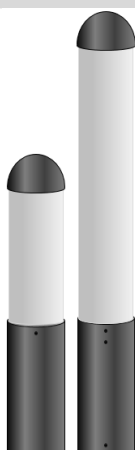
Fixing: [FWA]-[FJP-TP7086]

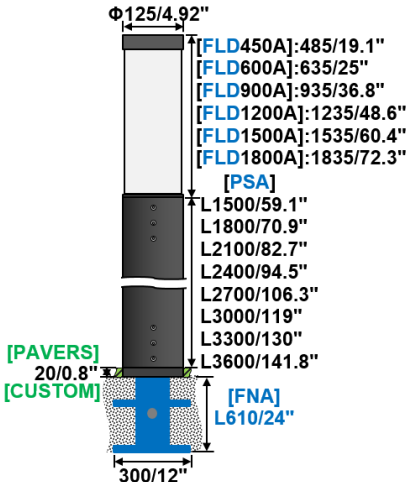
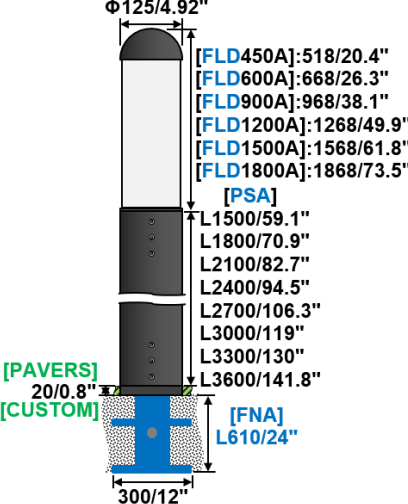
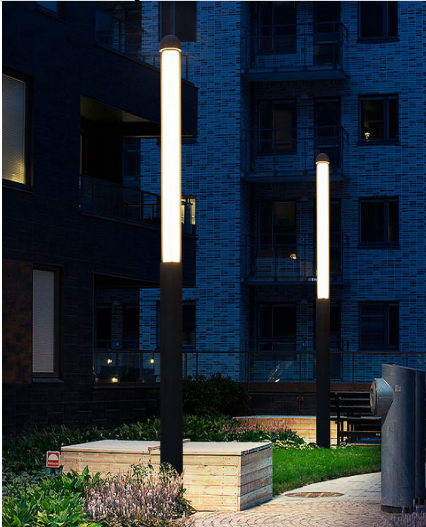
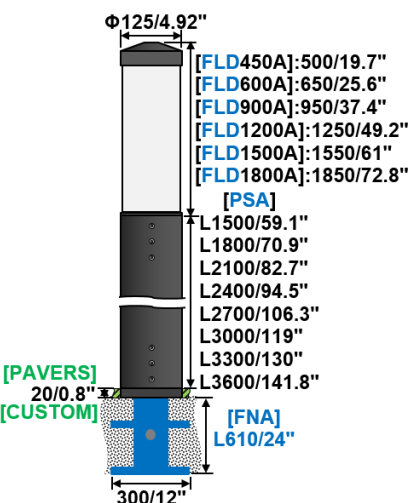


(MCA125A-FLD)-[MTT]

Fixing: [FWA]-[FJP-TP7086]



[PSA] Bollard Light			DIMENSION:[UNIT: MM]
NOTES:	Customs Engraved Pattern and [BGL] Glare shield Referred to Another Specifications.		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.		
NOTES:	Total Height need be lower than 1610mm/64"		
(MCA125A)-[MTF]	Dimension for [PSA]-[FNE] Fixed by Expansion Bolts	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	CASE STUDY
	Φ125/4.92" [FLD300A]:335/13.2" [FLD450A]:485/19.1" [FLD600A]:635/25" [FLD900A]:935/36.8" [FLD1200A]:1235/48.6" [PSA] L200/7.9" L300/11.8" L450/17.8" L600/23.6" L750/29.5" L900/35.4" L1000/39.4" L1200/47.2" [PAVERS] 10/0.4" [CUSTOM] [FNE] L125/5"	Φ125/4.92" [FLD300A]:335/13.2" [FLD450A]:485/19.1" [FLD600A]:635/25" [FLD900A]:935/36.8" [FLD1200A]:1235/48.6" [PSA] L200/7.9" L300/11.8" L450/17.8" L600/23.6" L750/29.5" L900/35.4" L1000/39.4" L1200/47.2" [PAVERS] 10/0.4" [CUSTOM] [FNA] L300/12" 300/12"	
(MCA125A)-[MTD]	Dimension for [PSA]-[FNE] Fixed by Expansion Bolts	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	CASE STUDY
	Φ125/4.92" [FLD300A]:368/14.5" [FLD450A]:518/20.4" [FLD600A]:668/26.3" [FLD900A]:968/8.1" [FLD1200A]:1268/49.9" [PSA] L200/7.9" L300/11.8" L450/17.8" L600/23.6" L750/29.5" L900/35.4" L1000/39.4" L1200/47.2" [PAVERS] 10/0.4" [CUSTOM] [FNE] L125/5"	Φ125/4.92" [FLD300A]:368/14.5" [FLD450A]:518/20.4" [FLD600A]:668/26.3" [FLD900A]:968/8.1" [FLD1200A]:1268/49.9" [PSA] L200/7.9" L300/11.8" L450/17.8" L600/23.6" L750/29.5" L900/35.4" L1000/39.4" L1200/47.2" [PAVERS] 10/0.4" [CUSTOM] [FNA] L300/12" 300/12"	
(MCA125A)-[MTT]	Dimension for [PSA]-[FNE] Fixed by Expansion Bolts	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	CASE STUDY
	Φ125/4.92" [FLD300A]:350/13.8" [FLD450A]:500/19.7" [FLD600A]:650/25.6" [FLD900A]:950/37.4" [FLD1200A]:1250/49.2" [PSA] L200/7.9" L300/11.8" L450/17.8" L600/23.6" L750/29.5" L900/35.4" L1000/39.4" L1200/47.2" [PAVERS] 10/0.4" [CUSTOM] [FNE] L125/5"	Φ125/4.92" [FLD300A]:350/13.8" [FLD450A]:500/19.7" [FLD600A]:650/25.6" [FLD900A]:950/37.4" [FLD1200A]:1250/49.2" [PSA] L200/7.9" L300/11.8" L450/17.8" L600/23.6" L750/29.5" L900/35.4" L1000/39.4" L1200/47.2" [PAVERS] 10/0.4" [CUSTOM] [FNA] L300/12" 300/12"	

[PSA] Tall Bollard Light		DIMENSION:[UNIT: MM]
NOTES:	Customs Engraved Pattern and [BGL] Glare shield Referred to Another Specifications.	
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.	
NOTES:	Total Height need be lower than 4880mm/192"/16feets	
(MCA125A)-[MTF]	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor
	 [FLD450A]:485/19.1" [FLD600A]:635/25" [FLD900A]:935/36.8" [FLD1200A]:1235/48.6" [FLD1500A]:1535/60.4" [FLD1800A]:1835/72.3" [PSA] L1500/59.1" L1800/70.9" L2100/82.7" L2400/94.5" L2700/106.3" L3000/119" L3300/130" L3600/141.8" [PAVERS] 20/0.8" [CUSTOM] [FNA] L610/24" 300/12"	
(MCA125A)-[MTD]	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor
	 [FLD450A]:518/20.4" [FLD600A]:668/26.3" [FLD900A]:968/38.1" [FLD1200A]:1268/49.9" [FLD1500A]:1568/61.8" [FLD1800A]:1868/73.5" [PSA] L1500/59.1" L1800/70.9" L2100/82.7" L2400/94.5" L2700/106.3" L3000/119" L3300/130" L3600/141.8" [PAVERS] 20/0.8" [CUSTOM] [FNA] L610/24" 300/12"	
(MCA125A)-[MTT]	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor
	 [FLD450A]:500/19.7" [FLD600A]:650/25.6" [FLD900A]:950/37.4" [FLD1200A]:1250/49.2" [FLD1500A]:1550/61" [FLD1800A]:1850/72.8" [PSA] L1500/59.1" L1800/70.9" L2100/82.7" L2400/94.5" L2700/106.3" L3000/119" L3300/130" L3600/141.8" [PAVERS] 20/0.8" [CUSTOM] [FNA] L610/24" 300/12"	