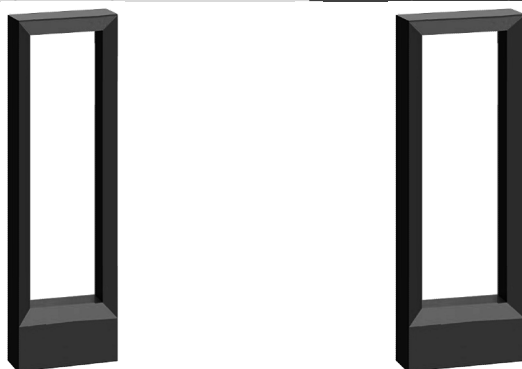
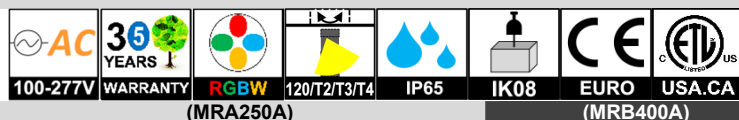
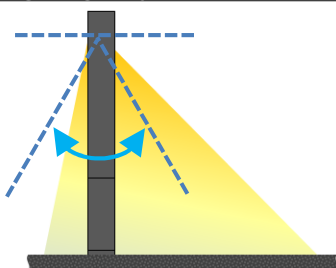


OLE: LED GARDEN LIGHT



Lighting Projection Tilttable $\pm 30^\circ$



INTRODUCTION

FEATURE

Upgrade Optimized Low-glare Garden Lighting
Easy Installation and Maintenance
Long Lifespan >50,000hours
Working Temperature: -30°C ~ 50°C [CUSTOM -40°C]

MAIN MATERIAL

LED Brand: GUBO
Driver Brand: GUBO
Housing: Die-casted Aluminum
Optics: High Efficiency PC Lens
Diffuser: Clear Glass Diffuser

INSTALLATION

Suitable for Road Light, like Street, Park.....

[FFS]: Flush Surface Mounted

[FWA]: Wall Surface Mounted

[FSC]: Slip Fitter Mounted

[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 Standard
Withstand Voltage: 3.75KV, Surge: 6KV
IP65 Protection, Class I Electric

OPTION

LED CCT: 1700K/2200K/2700K/3500K/5000K

[CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)

F1: Custom Housing Finish Colors by RAL Code

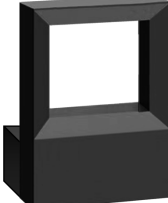
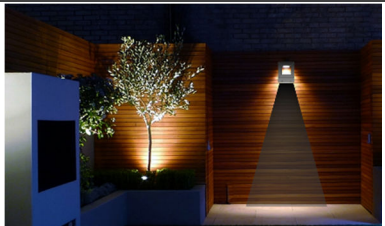
WHITE	BLACK	DARK GREY	GREY	PEAL GREY
RAL9010P	RAL9005P	RAL7016P	RAL7043P	RAL9022P

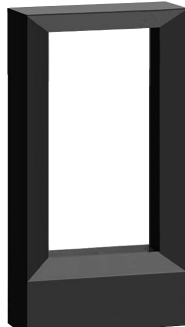
MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	OPTIONAL DIMMING	INPUT [V]			
OLE-MRA150A2B	12W [10W] [6W]	12x2W SMD3030	G2500K	RA90	790	>0.9	[Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120°	Following by Remote Driver [Inside Bollard] [CDN]:Non-dimmable [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDA]:DALI(1%) [CDX]:DMX512(1%) [+CDP]:PWM(1%)				
			G2700K	RA90	830							
			G3000K	RA90	900							
			G3500K	RA90	900							
			G4000K	RA90	970							
			G5000K	RA90	970							
			G5700K	RA90	970							
			G6000K	RA90	950							
OLE-MRA250A2B	20W [15W] [12W]	24x2W SMD3030	2C@20W	TWG	G2700K	G6000K	RA90	830	>0.9			
			4C@20W	RGBWG	620nm	520nm	465nm	G2700K	\		830	>0.9
			4C@20W	RGBA	620nm	520nm	465nm	590nm	\		830	>0.9
			G2500K	RA90	1130	>0.9						
			G2700K	RA90	1190							
			G3000K	RA90	1280							
			G3500K	RA90	1280							
			G4000K	RA90	1380							
G5000K	RA90	1380										
G5700K	RA90	1380										
G6000K	RA90	1350										
OLE-MRA290A2B	50W [40W] [30W] [25W]	72x2W SMD3030	G2500K	RA90	2720	>0.9	[Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120°	[CSPD]: Big-level PIR Motion Sensor [CSMD]: Big-level Microwave Motion Sensor	[AC100~277V] [AC100~240V] [AC100~347V] 50/60Hz [CV DC12V] [CV DC24V] [CV DC42V]			
			G2700K	RA90	2860							
			G3000K	RA90	3080							
			G3500K	RA90	3080							
			G4000K	RA90	3310							
			G5000K	RA90	3310							
			G5700K	RA90	3310							
			G6000K	RA90	3240							
OLE-MRB290A2B	2C@50W	TWG	G2700K	G6000K	RA90	2860	>0.9					
		4C@50W	RGBWG	620nm	520nm	465nm	G2700K		\	2860	>0.9	
		4C@50W	RGBA	620nm	520nm	465nm	590nm		\	2860	>0.9	
		G2500K	RA90	4530	>0.9	[Asymmetric] T2M:V65xH145° T3M:V80xH150° T4M:V85xH150°	Following by Remote Driver [Outside Bollard] [CDX]:DMX512(1%) [CDS]:SPI(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)					
		G2700K	RA90	4770								
		G3000K	RA90	5140								
		G3500K	RA90	5140								
		G4000K	RA90	5520								
G5000K	RA90	5520										
G5700K	RA90	5520										
G6000K	RA90	5400										
OLE-MRB400A2B	80W [60W] [50W] [40W]	120x2W SMD3030	2C@80W	TWG	G2700K	G6000K	RA90	4770	>0.9			
			4C@80W	RGBWG	620nm	520nm	465nm	G2700K	\		4770	>0.9
			4C@80W	RGBA	620nm	520nm	465nm	590nm	\		4770	>0.9
			G2500K	RA90	4530	>0.9	[Asymmetric] T2M:V65xH145° T3M:V80xH150° T4M:V85xH150°	Following by Remote Driver [Outside Bollard] [CDX]:DMX512(1%) [CDS]:SPI(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)				
			G2700K	RA90	4770							
			G3000K	RA90	5140							
			G3500K	RA90	5140							
			G4000K	RA90	5520							
G5000K	RA90	5520										
G5700K	RA90	5520										
G6000K	RA90	5400										
	2C@80W	TWG	G2700K	G6000K	RA90	4770	>0.9					
	4C@80W	RGBWG	620nm	520nm	465nm	G2700K	\		4770	>0.9		
	4C@80W	RGBA	620nm	520nm	465nm	590nm	\		4770	>0.9		
	4C@80W	RGBA	620nm	520nm	465nm	590nm	\		4770	>0.9		

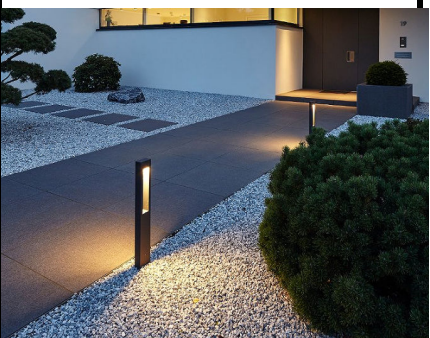
NOTE:

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

Tolerances of power and luminous flux are $\pm 10\%$, tolerance of color rendering index is ± 5 .

[FWA] WALL SCONE		DIMENSION: [UNIT: MM]
NOTES: Custom Installation and Accessories Referred to Another Specification Catalogue of Fixing Kits.		
(MRA150A)-[FWA]	(MRA250A)-[FWA]	CASE STUDY:
		
80/3.15" 150/5.9" 60/2.36" 110/4.33" 210/8.3"	80/3.15" 250/9.84" 120/4.72" 130/5.12" 370/14.6"	

[PSA]-[FNE] Bollard with Inner Flange Fixed by Expansion Bolt		DIMENSION: [UNIT: MM]
NOTES: Custom Installation and Accessories Referred to Another Specification Catalogue of Fixing Kits.		
(MRA150A)-[PSA]-[FNE]	DIMENSION: [UNIT: MM]	CASE STUDY:
	80/3.15" 150/5.9" L310/12.2" L460/18.1" L610/24" L760/29.9" L910/35.8" L1060/41.7" L1210/47.7" L1360/53.5" L1510/59.45" 160/6.3" [FNE] L150/6"	
(MRA250A)-[PSA]-[FNE]	DIMENSION: [UNIT: MM]	CASE STUDY:
	80/3.15" 250/9.84" L410/16.1" L560/22" L710/28" L860/33.9" L1010/39.8" L1160/45.7" L1310/51.6" L1460/57.5" L1610/63.4" 160/6.3" [FNE] L150/6"	
(MRB290A)-[PSA]-[FNE]	DIMENSION: [UNIT: MM]	CASE STUDY:
	140/5.51" 290/11.4" L510/20" L660/26" L810/31.9" L960/37.8" L1110/43.7" L1160/49.6" L1410/55.5" L1560/61.4" 160/6.3" [FNE] L150/6"	
(MRB400A)-[PSA]-[FNE]	DIMENSION: [UNIT: MM]	CASE STUDY:
	140/5.51" 400/11.4" L510/20" L660/26" L810/31.9" L960/37.8" L1110/43.7" L1160/49.6" L1410/55.5" L1560/61.4" 160/6.3" [FNE] L150/6"	

[PSA]-[FNA] Bollard with Inner Flange Fixed by Anchor		DIMENSION: [UNIT: MM]
NOTES: Custom Installation and Accessories Referred to Another Specification Catalogue of Fixing Kits.		CASE STUDY:
(MRA150A)-[FLC]-[PSA]-[FNA]	 DIMENSION: [UNIT: MM] 80/3.15" 150/5.9" [FLC] L600/23.6" L900/35.4" L1200/47.3" L1500/59.1" L1800/70.9" [PSA] L620/24.4" L920/36.2" L1220/48" L1520/59.8" L1820/71.7" [FNA] L380/15"	
(MRA250A)-[FLC]-[PSA]-[FNA]	 DIMENSION: [UNIT: MM] 80/3.15" 250/9.84" [FLC] L600/23.6" L900/35.4" L1200/47.3" L1500/59.1" L1800/70.9" L2400/94.5" [PSA] L620/24.4" L920/36.2" L1220/48" L1520/59.8" L1820/71.7" L2420/95.3" [FNA] L510/20"	
(MRB290A)-[FLC]-[PSA]-[FNA]	 DIMENSION: [UNIT: MM] 140/5.51" 290/11.4" [FLC] L600/23.6" L900/35.4" L1200/47.3" L1500/59.1" L1800/70.9" L2400/94.5" [PSA] L620/24.4" L920/36.2" L1220/48" L1520/59.8" L1820/71.7" L2420/95.3" [FNA] L510/20"	
(MRB400A)-[FLC]-[PSA]-[FNA]	 DIMENSION: [UNIT: MM] 140/5.51" 400/11.4" [FLC] L600/23.6" L900/35.4" L1200/47.3" L1500/59.1" L1800/70.9" L2400/94.5" [PSA] L620/24.4" L920/36.2" L1220/48" L1520/59.8" L1820/71.7" L2420/95.3" [FNA] L510/20"	