

GTG5121A-MSA: LED GARDEN LIGHT

INTRODUCTION

100-277V		WARRANTY	RGBW	30/60/90/120° T2/T3/T4/T5	IP65	IK08	EURO USA.CA
[FFS]	[PSA]	[PSA]-[BGS]	[PSA]	[PSA]			

FEATURE

Perfect Luminaires for Driveways and Footpaths
 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: Nano Opal PC Lens
[BDC]Diffuser: Anti-UV PC Clear Diffuser
[BDM]Diffuser: Anti-UV PC Opal Diffuser

INSTALLATION

Suitable for Interior & Exterior Lighting
[FFS]: Flush Surface Mounted
[FPS]: Stem Pendant
[FPC]: Catenary Pendant
[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/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)
[WM40C]: Working Temperature -40°C~50°C
[SFH]: Custom Housing Finish by RAL Code

WHITE RAL9010P	BLACK RAL9005P	GREY RAL7042P	DARK GREY RAL7016P	BRASS RAL1024P
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MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTG5121A-MSA90A5R	12W [7W]	CXM-6 COB	G2700K	RA90	780	>0.9	[BDC] CLEAR [Symmetric] 120°	Following by Remote Driver [Inside Bollard]	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz
			G3000K	RA90	810				
			G3500K	RA90	810				
			G4000K	RA90	850				
			G5000K	RA90	850				
			G6500K	RA90	820				
	2C@12W	TWG	G2700K	G6500K	RA90	580	>0.9		
GTG5121A-MSA90B5R MSA120A5R	20W [12W]	CXM-9 COB	G2700K	RA90	1300	>0.9	[Shield] BGS-S90D	[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]
			G3000K	RA90	1360				
			G3500K	RA90	1360				
			G4000K	RA90	1410				
			G5000K	RA90	1410				
			G6500K	RA90	1370				
	2C@20W	TWG	G2700K	G6500K	RA90	1050	>0.9		
GTG5121A-MSA120B5R MSA150A5R	30W [20W] [12W]	CXM-14 COB	G2700K	RA90	1820	>0.9	BGS-H90D	[CSL]: Photocell Lux Sensor	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz
			G3000K	RA90	1900				
			G3500K	RA90	1900				
			G4000K	RA90	1980				
			G5000K	RA90	1980				
			G6500K	RA90	1980				
	2C@30W	TWG	G2700K	G6500K	RA90	1560	>0.9		
GTG5121A-MSA150B	40W [30W] [20W]	CXM-14 COB	G2700K	RA90	2600	>0.9	BGS-U180D	[CSPD]: Big-level PIR Motion Sensor	[+CV DC12V] [+CV DC24V] [+CV DC42V]
			G3000K	RA90	2710				
			G3500K	RA90	2710				
			G4000K	RA90	2830				
			G5000K	RA90	2830				
			G6500K	RA90	2750				
	2C@40W	TWG	G2700K	G6500K	RA90	2080	>0.9		
GTG5121A-MSA200A5R	50W [40W] [30W]	CXM-14 COB	G2700K	RA90	3120	>0.9	BGS-L180D	[CSMD]: Big-level Microwave Motion Sensor	Following by Remote Driver [Outside Bollard]
			G3000K	RA90	3250				
			G3500K	RA90	3250				
			G4000K	RA90	3380				
			G5000K	RA90	3380				
			G6500K	RA90	3380				
	2C@60W	TWG	G2700K	G6500K	RA90	2610	>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.

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SPECIFICATION

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]				
GTG5121A-MSA90A1N	12W [15W] [7W]	48x0.5W SMD2835	G1800K	RA90	850	>0.9							
			G2200K	RA90	950								
			G2500K	RA90	1060								
			G2700K	RA90	1110								
			G3000K	RA90	1180								
			G3500K	RA90	1180								
			G4000K	RA90	1250								
			G5000K	RA90	1250								
			2C@12W	TWG	G2700K					G6500K	RA90	1110	>0.9
			4C@12W	RGBW	620nm					520nm	465nm	G2700K	\
4C@12W	RGBA	620nm	520nm	465nm	590nm	\	1110	>0.9					
GTG5121A-MSA90B1N MSA120A1N	20W [30W] [15W]	120x0.5W SMD2835	G1800K	RA90	1430	>0.9							
			G2200K	RA90	1580								
			G2500K	RA90	1760								
			G2700K	RA90	1850								
			G3000K	RA90	1970								
			G3500K	RA90	1970								
			G4000K	RA90	2080								
			G5000K	RA90	2080								
			2C@20W	TWG	G2700K					G6500K	RA90	1850	>0.9
			4C@20W	RGBW	620nm					520nm	465nm	G2700K	\
4C@20W	RGBA	620nm	520nm	465nm	590nm	\	1850	>0.9					
GTG5121A-MSA120B1N MSA150A1N	30W [20W] [12W]	216x0.5W SMD2835	G1800K	RA90	1990	>0.9	[BDM] OPAL 120° [Shield] BGS-S90D	Following by Remote Driver [Inside Bollard]					
			G2200K	RA90	2220								
			G2500K	RA90	2460								
			G2700K	RA90	2590								
			G3000K	RA90	2760								
			G3500K	RA90	2750								
			G4000K	RA90	2920								
			G5000K	RA90	2920								
			2C@30W	TWG	G2700K					G6500K	RA90	2590	>0.9
			4C@30W	RGBW	620nm					520nm	465nm	G2700K	\
4C@30W	RGBA	620nm	520nm	465nm	590nm	\	2590	>0.9					
GTG5121A-MSA150B1N	40W [50W] [30W] [20W]	216x0.5W SMD2835	G1800K	RA90	2850	>0.9	BGS-H90D	Following [Sensor]	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz				
			G2200K	RA90	3170								
			G2500K	RA90	2520								
			G2700K	RA90	3700								
			G3000K	RA90	3930								
			G3500K	RA90	3930								
			G4000K	RA90	4160								
			G5000K	RA90	4160								
			2C@40W	TWG	G2700K					G6500K	RA90	3700	>0.9
			4C@40W	RGBW	620nm					520nm	465nm	G2700K	\
4C@40W	RGBA	620nm	520nm	465nm	590nm	\	3700	>0.9					
GTG5121A-MSA200A1N	50W [60W] [40W] [30W]	288x0.5W SMD2835	G1800K	RA90	3420	>0.9	BGS-U180D	[CSPD]: Big-level PIR Motion Sensor	[+CV DC12V] [+CV DC24V] [+CV DC42V]				
			G2200K	RA90	3800								
			G2500K	RA90	4220								
			G2700K	RA90	4440								
			G3000K	RA90	4720								
			G3500K	RA90	4720								
			G4000K	RA90	5000								
			G5000K	RA90	5000								
			2C@50W	TWG	G2700K					G6500K	RA90	4720	>0.9
			4C@50W	RGBW	620nm					520nm	465nm	G2700K	\
4C@50W	RGBA	620nm	520nm	465nm	590nm	\	4720	>0.9					
GTG5121A-MSA200B1N	75W [60W] [50W]	288x0.5W SMD2835	G1800K	RA90	5130	>0.9	BGS-L180D	[CSMD]: Big-level Microwave Motion Sensor	Following by Remote Driver [Outside Bollard]				
			G2200K	RA90	5700								
			G2500K	RA90	6330								
			G2700K	RA90	6660								
			G3000K	RA90	7080								
			G3500K	RA90	7080								
			G4000K	RA90	7500								
			G5000K	RA90	7500								
			2C@75W	TWG	G2700K					G6500K	RA90	7080	>0.9
			4C@75W	RGBW	620nm					520nm	465nm	G2700K	\
4C@75W	RGBA	620nm	520nm	465nm	590nm	\	7080	>0.9					
GTG5121A-MSA250B2A MSA300B2A	100W [120W] [75W] [50W]	288x0.5W SMD2835	G1800K	RA90	7120	>0.9	BGS-U270D	[CDX]:DMX512(1%) [CDS]:SPI(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)					
			G2200K	RA90	7920								
			G2500K	RA90	8790								
			G2700K	RA90	9250								
			G3000K	RA90	9830								
			G3500K	RA90	9830								
			G4000K	RA90	10410								
			G5000K	RA90	10410								
			2C@100W	TWG	G2700K					G6500K	RA90	9830	>0.9
			4C@100W	RGBW	620nm					520nm	465nm	G2700K	\
4C@100W	RGBA	620nm	520nm	465nm	590nm	\	9830	>0.9					

NOTE:

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SPECIFICATION





MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]	
GTG5121A-MSA90A2A	12W [15W] [7W]	24x2W SMD3030	G1800K	RA90	660	>0.9		[BDC] CLEAR [Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° T5:150° [Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° [Shield] BGS-S90D BGS-H90D BGS-U180D BGS-L180D BGS-U270D 	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%) [+CDPI]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V] [+CV DC24V] [+CV DC42V]
			G2200K	RA90	740					
			G2500K	RA90	820					
			G2700K	RA90	860					
			G3000K	RA90	910					
			G3500K	RA90	910					
			G4000K	RA90	960					
			G5000K	RA90	960					
	2C@12W	TWG	G2700K G6500K	RA90	860	>0.9				
	4C@12W	RGBW	620nm 520nm 465nm G2700K	\	860	>0.9				
4C@12W	RGBA	620nm 520nm 465nm 590nm	\	860	>0.9					
GTG5121A-MSA90B2A MSA120A2A	20W [30W] [15W]	24x2W SMD3030	G1800K	RA90	1100	>0.9		[BDC] CLEAR [Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° T5:150° [Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° [Shield] BGS-S90D BGS-H90D BGS-U180D BGS-L180D BGS-U270D 	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%) [+CDPI]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V] [+CV DC24V] [+CV DC42V]
			G2200K	RA90	1220					
			G2500K	RA90	1350					
			G2700K	RA90	1420					
			G3000K	RA90	1520					
			G3500K	RA90	1520					
			G4000K	RA90	1610					
			G5000K	RA90	1610					
	2C@20W	TWG	G2700K G6500K	RA90	1420	>0.9				
	4C@20W	RGBW	620nm 520nm 465nm G2700K	\	1420	>0.9				
4C@20W	RGBA	620nm 520nm 465nm 590nm	\	1420	>0.9					
GTG5121A-MSA120B2A MSA150A2A	30W [20W] [12W]	60x2W SMD3030	G1800K	RA90	1470	>0.9		[BDC] CLEAR [Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° T5:150° [Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° [Shield] BGS-S90D BGS-H90D BGS-U180D BGS-L180D BGS-U270D 	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%) [+CDPI]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V] [+CV DC24V] [+CV DC42V]
			G2200K	RA90	1630					
			G2500K	RA90	1820					
			G2700K	RA90	1910					
			G3000K	RA90	2060					
			G3500K	RA90	2060					
			G4000K	RA90	2200					
			G5000K	RA90	2200					
	2C@30W	TWG	G2700K G6500K	RA90	2060	>0.9				
	4C@30W	RGBW	620nm 520nm 465nm G2700K	\	2060	>0.9				
4C@30W	RGBA	620nm 520nm 465nm 590nm	\	2060	>0.9					
GTG5121A-MSA150B2A	40W [50W] [30W] [20W]	60x2W SMD3030	G1800K	RA90	2190	>0.9		[BDC] CLEAR [Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° T5:150° [Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° [Shield] BGS-S90D BGS-H90D BGS-U180D BGS-L180D BGS-U270D 	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%) [+CDPI]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V] [+CV DC24V] [+CV DC42V]
			G2200K	RA90	2440					
			G2500K	RA90	2710					
			G2700K	RA90	2850					
			G3000K	RA90	3030					
			G3500K	RA90	3030					
			G4000K	RA90	3210					
			G5000K	RA90	3210					
	2C@40W	TWG	G2700K G6500K	RA90	2850	>0.9				
	4C@40W	RGBW	620nm 520nm 465nm G2700K	\	2850	>0.9				
4C@40W	RGBA	620nm 520nm 465nm 590nm	\	2850	>0.9					
GTG5121A-MSA200A2A	50W [60W] [40W] [30W]	96x2W SMD3030	G1800K	RA90	2520	>0.9		[BDC] CLEAR [Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° T5:150° [Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° [Shield] BGS-S90D BGS-H90D BGS-U180D BGS-L180D BGS-U270D 	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%) [+CDPI]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V] [+CV DC24V] [+CV DC42V]
			G2200K	RA90	2800					
			G2500K	RA90	3100					
			G2700K	RA90	3270					
			G3000K	RA90	3530					
			G3500K	RA90	3530					
			G4000K	RA90	3780					
			G5000K	RA90	3780					
	2C@50W	TWG	G2700K G6500K	RA90	3270	>0.9				
	4C@50W	RGBW	620nm 520nm 465nm G2700K	\	3270	>0.9				
4C@50W	RGBA	620nm 520nm 465nm 590nm	\	3270	>0.9					
GTG5121A-MSA200B2A	75W [60W] [50W]	96x2W SMD3030	G1800K	RA90	3780	>0.9		[BDC] CLEAR [Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° T5:150° [Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° [Shield] BGS-S90D BGS-H90D BGS-U180D BGS-L180D BGS-U270D 	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%) [+CDPI]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V] [+CV DC24V] [+CV DC42V]
			G2200K	RA90	4200					
			G2500K	RA90	4660					
			G2700K	RA90	4910					
			G3000K	RA90	5290					
			G3500K	RA90	5290					
			G4000K	RA90	5670					
			G5000K	RA90	5670					
	2C@75W	TWG	G2700K G6500K	RA90	5290	>0.9				
	4C@75W	RGBW	620nm 520nm 465nm G2700K	\	5290	>0.9				
4C@75W	RGBA	620nm 520nm 465nm 590nm	\	5290	>0.9					
GTG5121A-MSA250B2A MSA300B2A	100W [120W] [75W] [50W]	144x2W SMD3030	G1800K	RA90	5250	>0.9		[BDC] CLEAR [Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120° T5:150° [Asymmetric] T2M:V70xH155° T3M:V80xH155° T4M:V85xH155° [Shield] BGS-S90D BGS-H90D BGS-U180D BGS-L180D BGS-U270D 	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%) [+CDPI]:PWM(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz [+CV DC12V] [+CV DC24V] [+CV DC42V]
			G2200K	RA90	5830					
			G2500K	RA90	6480					
			G2700K	RA90	6820					
			G3000K	RA90	7350					
			G3500K	RA90	7350					
			G4000K	RA90	7880					
			G5000K	RA90	7880					
	2C@100W	TWG	G2700K G6500K	RA90	7350	>0.9				
	4C@100W	RGBW	620nm 520nm 465nm G2700K	\	7350	>0.9				
4C@100W	RGBA	620nm 520nm 465nm 590nm	\	7350	>0.9					

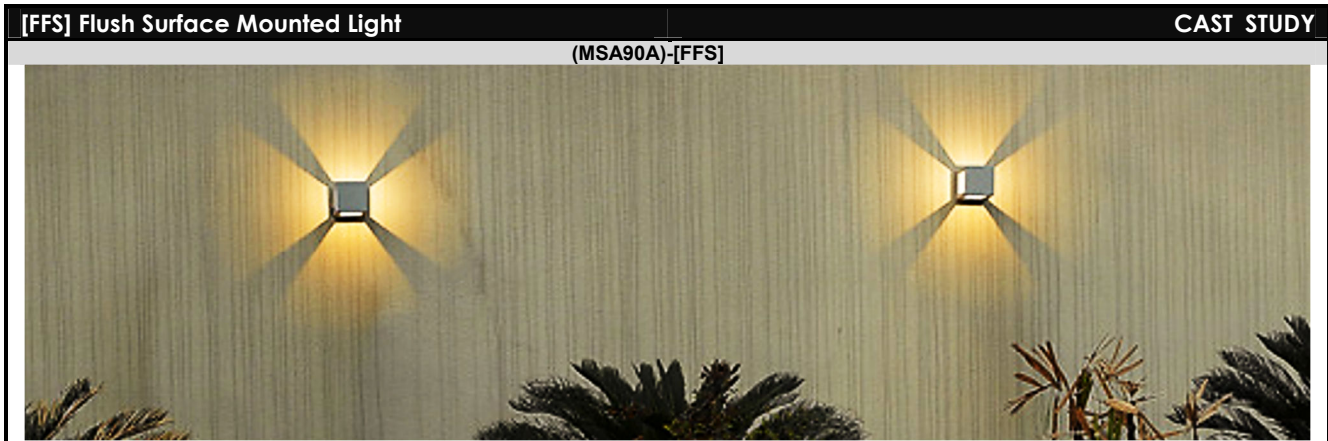
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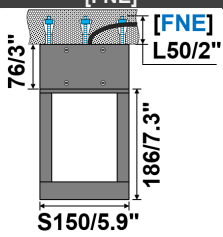

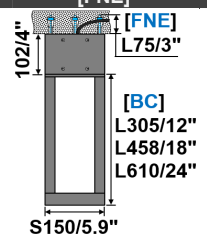

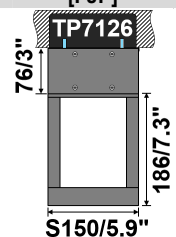
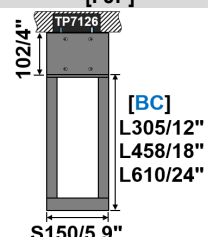
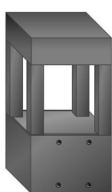
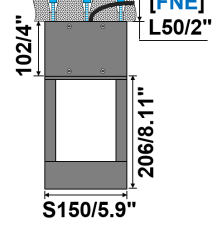

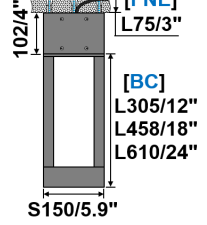
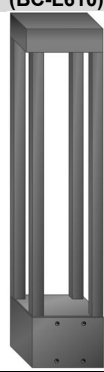
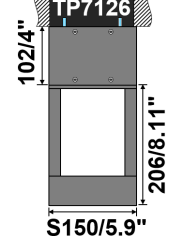
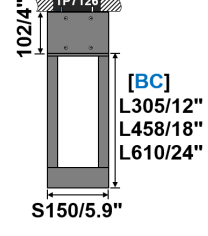
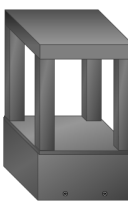
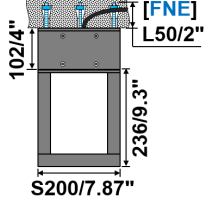

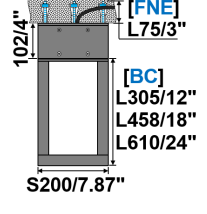
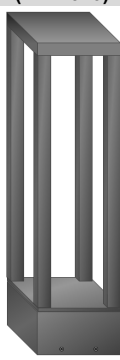
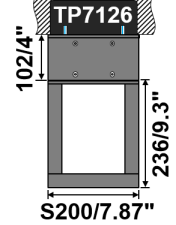
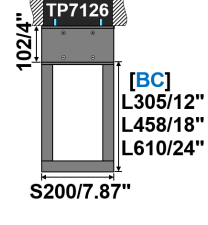
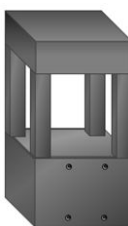
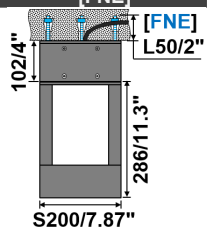

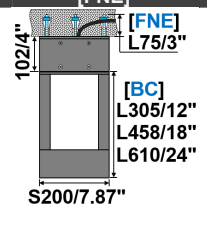

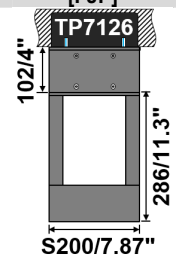
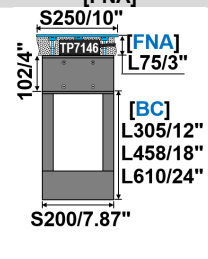
All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment. Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.

SPECIFICATION

GTG5121A-MSA: SQUARE LED GAREN LIGHT

[FFS]: Flush Surface Mounted Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p> <p>NOTES: Customs Cage Masks Referred to Another Specifications.</p>			
(MSA90A) (BC-L120)	Dimension: [Unit: MM] [FNE]	[FJP]	(MSA90A) (BC-L254) (BC-L458)
	<p>47/1.9" [FNE] L50/2"</p> <p>125/4.92"</p> <p>S90/3.54"</p>	<p>S127/5"</p> <p>TP7126 DRIVER</p> <p>51/2"</p> <p>125/4.92"</p> <p>S90/3.54"</p>	<p>72/2.83" [FNE] L75/3"</p> <p>[BC] L254/10" L458/18"</p> <p>S90/3.54"</p> <p>S127/5"</p> <p>TP7126</p> <p>76/3"</p> <p>[BC] L254/10" L458/18"</p> <p>S90/3.54"</p>
NOTES: Above MSA90A Remote Driver need to be located outside of fixture.		NOTES: Above MSA90A Remote Driver need to be located outside of fixture.	
(MSA90B) (BC-L155)	Dimension: [Unit: MM] [FNE]	[FJP]	(MSA90B) (BC-L254) (BC-L458)
	<p>47/1.9" [FNE] L50/2"</p> <p>155/6.1"</p> <p>S90/3.54"</p>	<p>S127/5"</p> <p>TP7126 DRIVER</p> <p>51/2"</p> <p>155/6.1"</p> <p>S90/3.54"</p>	<p>72/2.83" [FNE] L75/3"</p> <p>[BC] L254/10" L458/18"</p> <p>S90/3.54"</p> <p>S127/5"</p> <p>TP7126</p> <p>76/3"</p> <p>[BC] L254/10" L458/18"</p> <p>S90/3.54"</p>
(MSA120A) (BC-L156)	Dimension: [Unit: MM] [FNE]	[FJP]	(MSA120A) (BC-L305) (BC-L458)
	<p>76/3" [FNE] L50/2"</p> <p>156/6.2"</p> <p>S120/4.72"</p>	<p>TP7126</p> <p>76/3"</p> <p>156/6.2"</p> <p>S120/4.72"</p>	<p>102/4" [FNE] L75/3"</p> <p>[BC] L305/12" L458/18" L610/24"</p> <p>S120/4.72"</p> <p>102/4" TP7126</p> <p>[BC] L305/12" L458/18" L610/24"</p> <p>S120/4.72"</p>
(MSA120B) (BC-L186)	Dimension: [Unit: MM] [FNE]	[FJP]	(MSA120B) (BC-L305) (BC-L458)
	<p>76/3" [FNE] L50/2"</p> <p>186/7.33"</p> <p>S120/4.72"</p>	<p>TP7126</p> <p>76/3"</p> <p>186/7.33"</p> <p>S120/4.72"</p>	<p>102/4" [FNE] L75/3"</p> <p>[BC] L305/12" L458/18" L610/24"</p> <p>S120/4.72"</p> <p>102/4" TP7126</p> <p>[BC] L305/12" L458/18" L610/24"</p> <p>S120/4.72"</p>

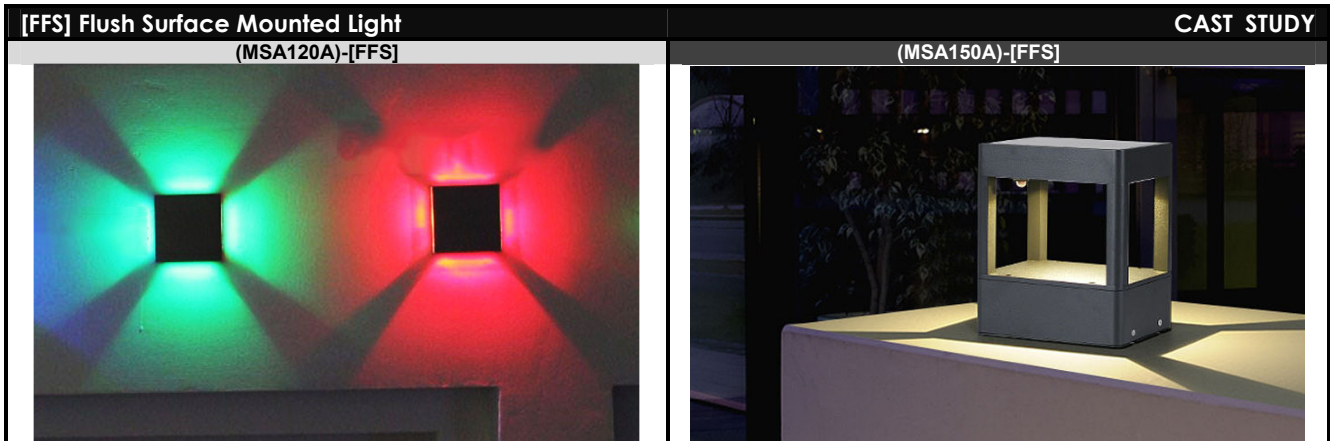


[FFS]: Flush Surface Mounted Light		DIMENSION:[UNIT: MM]	
NOTES:		Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.	
NOTES:		Customs Cage Masks Referred to Another Specifications.	
(MSA150A) (BC-L186)	Dimension: [Unit: MM]	(MSA150A) (BC-L305)	Dimension: [Unit: MM]
	[FNE] [FJP]		[FNE] [FJP]
	 76/3" [FNE] L50/2" 186/7.3" S150/5.9"		 102/4" [FNE] L75/3" [BC] L305/12" L458/18" L610/24" S150/5.9"
	[FNE] [FJP]		[FNE] [FJP]
	 76/3" TP7126 186/7.3" S150/5.9"		 102/4" TP7126 [BC] L305/12" L458/18" L610/24" S150/5.9"
(MSA150B) (BC-L206)	Dimension: [Unit: MM]	(MSA150B) (BC-L305)	Dimension: [Unit: MM]
	[FNE] [FJP]		[FNE] [FJP]
	 102/4" [FNE] L50/2" 206/8.11" S150/5.9"		 102/4" [FNE] L75/3" [BC] L305/12" L458/18" L610/24" S150/5.9"
	[FNE] [FJP]		[FNE] [FJP]
	 102/4" TP7126 206/8.11" S150/5.9"		 102/4" TP7126 [BC] L305/12" L458/18" L610/24" S150/5.9"
(MSA200A) (BC-L236)	Dimension: [Unit: MM]	(MSA200A) (BC-L305)	Dimension: [Unit: MM]
	[FNE] [FJP]		[FNE] [FJP]
	 102/4" [FNE] L50/2" 236/9.3" S200/7.87"		 102/4" [FNE] L75/3" [BC] L305/12" L458/18" L610/24" S200/7.87"
	[FNE] [FJP]		[FNE] [FJP]
	 102/4" TP7126 236/9.3" S200/7.87"		 102/4" TP7126 [BC] L305/12" L458/18" L610/24" S200/7.87"
(MSA200B) (BC-L286)	Dimension: [Unit: MM]	(MSA200B) (BC-L305)	Dimension: [Unit: MM]
	[FNE] [FJP]		[FNE] [FNA]
	 102/4" [FNE] L50/2" 286/11.3" S200/7.87"		 102/4" [FNE] L75/3" [BC] L305/12" L458/18" L610/24" S200/7.87"
	[FNE] [FJP]		[FNE] [FNA]
	 102/4" TP7126 286/11.3" S200/7.87"		 102/4" TP7146 [FNA] L75/3" [BC] L305/12" L458/18" L610/24" S200/7.87"

SPECIFICATION

GTG5121A-MSA: SQUARE LED GAREN LIGHT

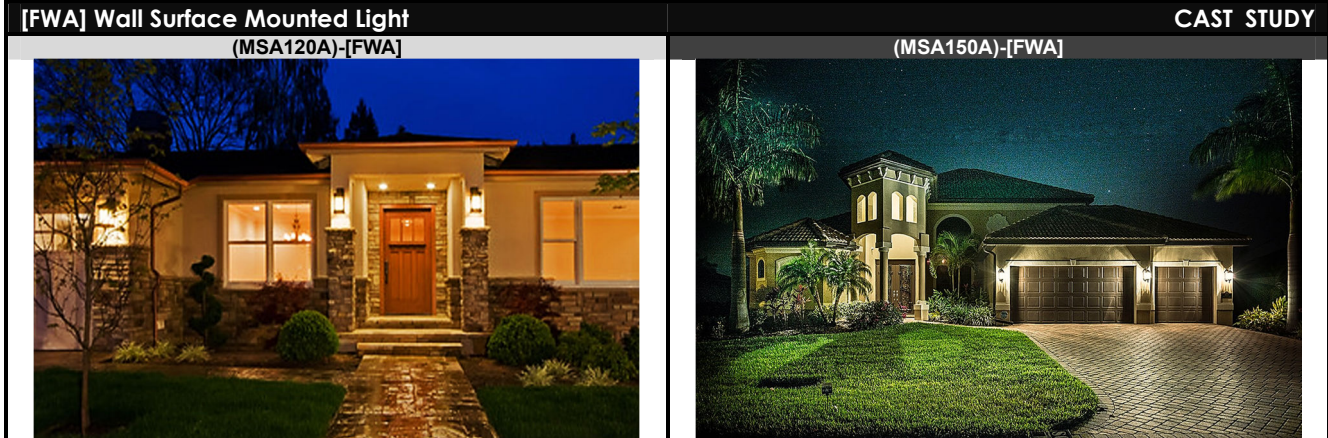
[FFS]: Flush Surface Mounted Light		DIMENSION:[UNIT: MM]	
NOTES: NOTES:		Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits. Customs Cage Masks Referred to Another Specifications.	
(MSA250B) (BC-L120)	Dimension: [Unit: MM] [FNE] [FNA] [FNE] L75/3" S305/12" TP7146 [FNA] L75/3" 348/13.7" S250/9.9"	(MSA250B) (BC-L458) (BC-L610)	Dimension: [Unit: MM] [FNE] [FNA] [FNE] L75/3" [BC] L458/18" L610/24" S250/9.9" S305/12" TP7146 [FNA] L75/3" [BC] L458/18" L610/24" S250/9.9"
(MSA300B) (BC-L156)	Dimension: [Unit: MM] [FNE] [FNA] [FNE] L100/4" S400/16" TP7146 [FNA] L100/4" 398/15.7" S300/11.8"	(MSA300B) (BC-L610)	Dimension: [Unit: MM] [FNE] [FNA] [FNE] L100/4" [BC] L610/24" S300/11.8" S400/16" TP7146 [FNA] L100/4" [BC] L610/24" S300/11.8"



SPECIFICATION

GTG5121A-MSA: SQUARE LED GAREN LIGHT

[FWA]: Wall Surface Mounted Light		DIMENSION:[UNIT: MM]	
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
NOTES: Customs Cage Masks Referred to Another Specifications.			
(MSA90A) (BC-L120)	Dimension: [Unit: MM] [FNE] S90/3.54" [FJP] S90/3.54" 120/4.73" L50/2" 153/6" 120/4.72" 30/1.18"	(MSA90A) (BC-L254) (BC-L458)	Dimension: [Unit: MM] [FNE] S90/3.54" [FJP] S90/3.54" 120/4.73" L50/2" 153/6" 120/4.72" 30/1.18" [BC] L254/10" L458/18"
(MSA90B) (BC-L155)	Dimension: [Unit: MM] [FNE] S90/3.54" [FJP] S90/3.54" 120/4.73" L50/2" 153/6" 155/6.1" 30/1.18"	(MSA90B) (BC-L254) (BC-L458)	Dimension: [Unit: MM] [FNE] S90/3.54" [FNA] S90/3.54" 120/4.73" L50/2" 153/6" 155/6.1" 30/1.18" [BC] L254/10" L458/18"
(MSA120A) (BC-L156)	Dimension: [Unit: MM] [FNE] S120/4.72" [FJP] S120/4.72" 120/4.73" L50/2" 153/6" 156/6.2" 30/1.18"	(MSA120A) (BC-L305) (BC-L610)	Dimension: [Unit: MM] [FNE] S120/4.72" [FNA] S120/4.72" 120/4.73" L50/2" 153/6" 156/6.2" 30/1.18" [BC] L305/12" L458/18" L610/24" [FNA] 75/3" S200/8" 153/6"
(MSA120B) (BC-L186)	Dimension: [Unit: MM] [FNE] S120/4.72" [FJP] S120/4.72" 120/4.73" L50/2" 153/6" 186/7.33" 30/1.18"	(MSA120B) (BC-L305) (BC-L610)	Dimension: [Unit: MM] [FNE] S120/4.72" [FNA] S120/4.72" 120/4.73" L50/2" 153/6" 186/7.33" 30/1.18" [BC] L305/12" L458/18" L610/24" [FNA] 75/3" S200/8" 153/6"



[FWA]: Wall Surface Mounted Light		DIMENSION:[UNIT: MM]	
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
NOTES: Customs Cage Masks Referred to Another Specifications.			
(MSA150A) (BC-L120)	Dimension: [Unit: MM]		(MSA150A) (BC-L305)
	[FNE] S150/5.9" L75/3" 120/4.73" 30/1.18"	[FJP] S150/5.9" 153/6" 186/7.3" 120/4.73" 30/1.18"	(BC-L610)
		[FNE] S150/5.9" L75/3" 120/4.73" 30/1.18"	[FNA] S150/5.9" L305/12" L458/18" L610/24" 75/3" 153/6" S200/8" 30/1.18"
(MSA150B) (BC-L120)	Dimension: [Unit: MM]		(MSA150B) (BC-L305)
	[FNE] S150/5.9" L75/3" 120/4.73" 30/1.18"	[FJP] S150/5.9" 153/6" 186/7.3" 120/4.73" 30/1.18"	(BC-L610)
		[FNE] S150/5.9" L75/3" 120/4.73" 30/1.18"	[FNA] S150/5.9" L305/12" L458/18" L610/24" 75/3" 153/6" S200/8" 30/1.18"
(MSA200A) (BC-L156)	Dimension: [Unit: MM]		(MSA200A) (BC-L305)
	[FNE] S200/7.87" L75/3" 178/7" 236/9.3" 51/2"	[FJP] S200/7.87" 178/7" 236/9.3" 120/4.73" 30/1.18"	(BC-L610)
		[FNE] S200/7.87" L75/3" 178/7" 236/9.3" 51/2"	[FNA] S200/7.87" L305/12" L458/18" L610/24" 75/3" 178/7" S250/10" 51/2"
(MSA200B) (BC-L120)	Dimension: [Unit: MM]		(MSA200B) (BC-L305)
	[FNE] S200/7.87" L75/3" 178/7" 236/9.3" 51/2"	[FJP] S200/7.87" 178/7" 236/9.3" 120/4.73" 30/1.18"	(BC-L610)
		[FNE] S200/7.87" L75/3" 178/7" 236/9.3" 51/2"	[FNA] S200/7.87" L305/12" L458/18" L610/24" 75/3" 178/7" S250/10" 51/2"

SPECIFICATION

GTG5121A-MSA90A: SQUARE LED GAREN LIGHT

[PSA] MSA90A Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: [PSA] shorter than 254mm need to be DC24V and the remote driver outside fixture.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA90A)-(BC-L125)-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA90A)-[BC]-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA90A)-[BC]-[PSA]-[FNE] Total Height ≤ L2440mm/96"</p>	
<p>(MSA90A)-(BC-L125)-[PSA]-[FNA] Total Height ≤ L1600mm/63"</p>	<p>(MSA90A)-[BC]-[PSA]-[FNA] Total Height ≤ L2440mm/96"</p>	<p>(MSA90A)-[BC]-[PSA]-[FNA] Total Height ≤ L4880mm/192"</p>	

[PSA]-[FNE] Bollard Light	CAST STUDY
<p>(MSA90A)-(BC-L120)-[PSA-L610]-[PSA]</p>	<p>(MSA90A)-[BC-L305]-[PSA-L762]-[FNE]</p>

SPECIFICATION

GTG5121A-MSA90B: SQUARE LED GAREN LIGHT

[PSA] MSA90B Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: [PSA] shorter than 254mm need to be DC24V and the remote driver outside fixture.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA90B)-(BC-L155)-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA90B)-[BC]-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA90B)-[BC]-[PSA]-[FNE] Total Height ≤ L2440mm/96"</p>	
<p>(MSA90B)-(BC-L155)-[PSA]-[FNA] Total Height ≤ L1600mm/63"</p>	<p>(MSA90B)-[BC]-[PSA]-[FNA] Total Height ≤ L2440mm/96"</p>	<p>(MSA90B)-[BC]-[PSA]-[FNA] Total Height ≤ L4880mm/192"</p>	



[PSA] MSA120A Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: [PSA] shorter than 254mm need to be DC24V and the remote driver outside fixture.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA120A)-(BC-L156)-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA120A)-[BC]-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA120A)-[BC]-[PSA]-[FNE] Total Height ≤ L2440mm/96"</p>	
<p>(MSA120A)-(BC-L156)-[PSA]-[FNA] Total Height ≤ L1626/64"</p>	<p>(MSA120A)-[BC]-[PSA]-[FNA] Total Height ≤ L2440mm/96"</p>	<p>(MSA120A)-[BC]-[PSA]-[FNA] Total Height ≤ L4880mm/192"</p>	

[PSA]-[FNE] Bollard Light	CAST STUDY
<p>(MSA120A)-(BC-L156)-[PSA]</p>	<p>(MSA120A)-[BC-L1220]-[PSA-L1220]-[FNE]</p>

SPECIFICATION

GTG5121A-MSA120B: SQUARE LED GAREN LIGHT

[PSA] MSA120B Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: [PSA] shorter than 254mm need to be DC24V and the remote driver outside fixture.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA120B)-(BC-L156)-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA120B)-[BC]-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA120B)-[BC]-[PSA]-[FNE] Total Height ≤ L2440mm/96"</p>	
<p>(MSA120B)-(BC-L156)-[PSA]-[FNA] Total Height ≤ L1626/64"</p>	<p>(MSA120B)-[BC]-[PSA]-[FNA] Total Height ≤ L2440mm/96"</p>	<p>(MSA120B)-[BC]-[PSA]-[FNA] Total Height ≤ L4880mm/192"</p>	

[PSA]-[FNE] Bollard Light	CAST STUDY
<p>(MSA120B)-(BC-L610)-[PSA]</p>	<p>(MSA120B)-[BC-L1220]-[PSA-L1220]-[FNE]</p>

SPECIFICATION

GTG5121A-MSA150A: SQUARE LED GAREN LIGHT

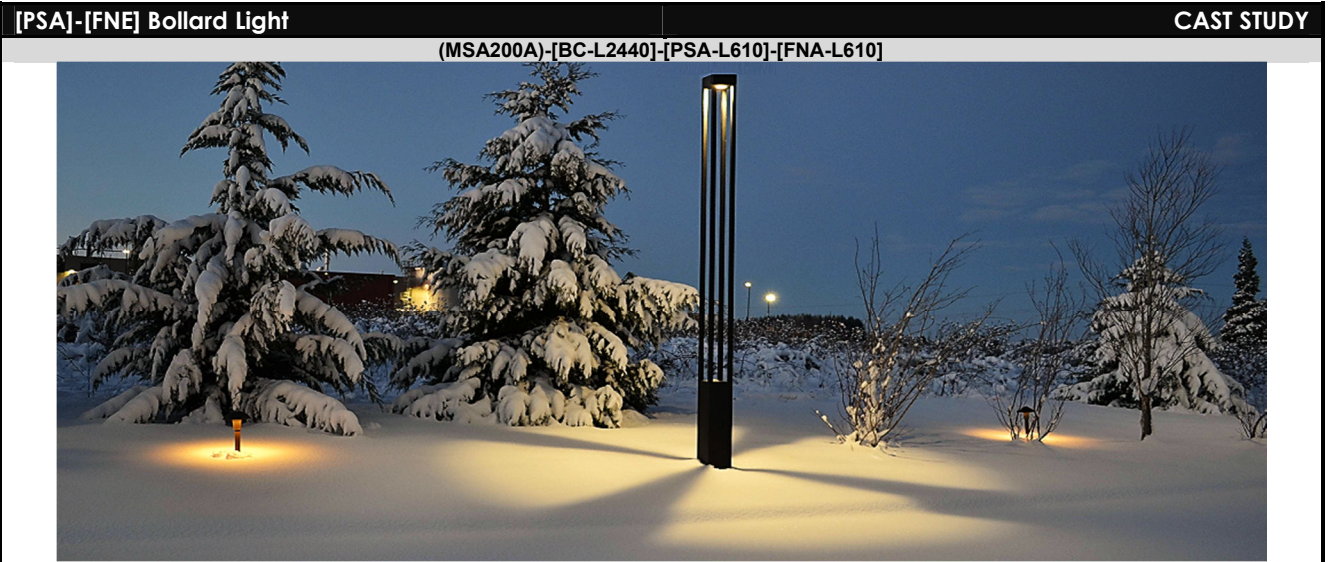
[PSA] MSA150A Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA150A)-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA150A)-[BC]-[PSA]-[FNE-L125] Total Height ≤ L1600mm/63"</p>	<p>(MSA150A)-[BC]-[PSA]-[FNE-L200] Total Height ≤ L2440mm/96"</p>	
<p>(MSA150A)-[BC]-[PSA]-[FNA-L200] Total Height ≤ L1600mm/63"</p>	<p>(MSA150A)-[BC]-[PSA]-[FNA-L458] Total Height ≤ L3050mm/120"</p>	<p>(MSA150A)-[BC]-[PSA]-[FNA-610] Total Height ≤ L4880mm/192"</p>	



[PSA] MSA150B Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA150B)-[BC]-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA150B)-[BC]-[PSA]-[FNE-L125] Total Height ≤ L1600mm/63"</p>	<p>(MSA150B)-[BC]-[PSA]-[FNE-L200] Total Height ≤ L2440mm/96"</p>	
<p>(MSA150B)-[BC]-[PSA]-[FNA-L200] Total Height ≤ L1600mm/63"</p>	<p>(MSA150B)-[BC]-[PSA]-[FNA-L458] Total Height ≤ L3050mm/120"</p>	<p>(MSA150B)-[BC]-[PSA]-[FNA-510] Total Height ≤ L4880mm/192"</p>	

[PSA]-[FNE] Bollard Light	CAST STUDY
<p>(MSA150B)-[BC-L636]-[PSA-L297]-[FNE]</p>	<p>(MSA150B)-[BC-L523]-[PSA-L367]-[FNA-L200]</p>

[PSA] MSA200A Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA200A)-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA200A)-[BC]-[PSA]-[FNE-L150] Total Height ≤ L1600mm/63"</p>	<p>(MSA200A)-[BC]-[PSA]-[FNE-L250] Total Height ≤ L2440mm/96"</p>	
<p>(MSA200A)-[PSA]-[FNA-L300] Total Height ≤ L1600mm/63"</p>	<p>(MSA200A)-[BC]-[PSA]-[FNA-L458] Total Height ≤ L3050mm/120"</p>	<p>(MSA200A)-[BC]-[PSA]-[FNA-L610] Total Height ≤ L4880mm/192"</p>	



SPECIFICATION

GTG5121A-MSA200B: SQUARE LED GAREN LIGHT

[PSA] MSA200B Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA200B)-[BC]-L203]-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA200B)-[BC]-[PSA]-[FNE-L125] Total Height ≤ L1600mm/63"</p>	<p>(MSA200B)-[BC]-[PSA]-[FNE-L200] Total Height ≤ L2440mm/96"</p>	
<p>(MSA200B)-[BC]-[PSA]-[FNA-L200] Total Height ≤ L1600mm/63"</p>	<p>(MSA200B)-[BC]-[PSA]-[FNA-L458] Total Height ≤ L3050mm/120"</p>	<p>(MSA200B)-[BC]-[PSA]-[FNA-510] Total Height ≤ L4880mm/192"</p>	

[PSA]-[FNE] Bollard Light	CAST STUDY
<p>(MSA200B)-[BC]-L2440]-[PSA]-L1220]-[FNA-L610]</p>	<p>(MSA200B)-[BC]-L2440]-[PSA]-L762]-[FNA-L610]</p>

[PSA] MSA250B Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA250B)-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA250B)-[BC]-[PSA]-[FNE-150] Total Height ≤ L1600mm/63"</p>	<p>(MSA250B)-[BC]-[PSA]-[FNE-L250] Total Height ≤ L2440mm/96"</p>	
<p>(MSA250B)-[PSA]-[FNA-L300] Total Height ≤ L1600mm/63"</p>	<p>(MSA250B)-[BC]-[PSA]-[FNA-L510] Total Height ≤ L3660mm/144"</p>	<p>(MSA250B)-[BC]-[PSA]-[FNA-L760] Total Height ≤ L4880mm/192"</p>	

[PSA]-[FNE] Bollard Light	CAST STUDY
<p>(MSA250B)-[BC-L2410]-[PSA-L620]-[FNA-L510]</p>	<p>(MSA250B)-[BC-L2410]-[PSA-L620]-[FNA-L510]</p>

[PSA] MSA300B Bollard Light		DIMENSION:[UNIT: MM]	
<p>NOTES: Customs Engraved Pattern and Glare shield Referred to Another Specifications.</p> <p>NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.</p>			
<p>(MSA300B)-[PSA]-[FNE] Total Height ≤ L1600mm/63"</p>	<p>(MSA300B)-[BC]-[PSA]-[FNE-150] Total Height ≤ L1600mm/63"</p>	<p>(MSA300B)-[PSA]-[FNE] Total Height ≤ L2440mm/96"</p>	
<p>(MSA300B)-[PSA]-[FNA-L300] Total Height ≤ L1600mm/63"</p>	<p>(MSA300B)-[BC]-[PSA]-[FNA-L458] Total Height ≤ L3660mm/144"</p>	<p>(MSA300B)-[BC]-[PSA]-[FNA-L610] Total Height ≤ L4880mm/192"</p>	

[PSA]-[FNE] Bollard Light	CAST STUDY
<p>(MSA300B)-[BC-L2440]-[PSA-L1220]-[FNA-L610]</p>	<p>(MSA300B)-[BC-L3660]-[PSA-L1220]-[FNA-L915]</p>