

**INTRODUCTION**

**GTG5501A: LED GARDEN LIGHT**

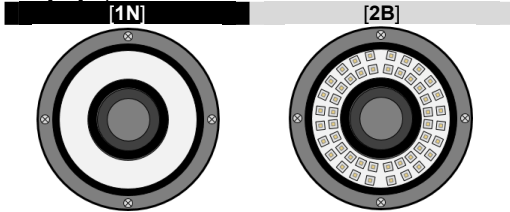
**FEATURE**

Perfect Luminaires for Driveways and Footpaths  
 Pleasantly Uniform Light Effects  
 Suitable for Areas Without Risk of Vandalism  
 Long Lifespan >50,000hours  
 Working Temperature: -30°C~50°C

**MAIN MATERIAL**

LED Brand: GUBO  
 Driver Brand: GUBO  
 Housing: Aluminum Profile

[1N] Optics: Opal PC Lens.  
 [2B] Optics: PC Lens with Clear Glass Diffuser.



**INSTALLATION**

Suitable for Garden, Park, Plaza.....

- [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**

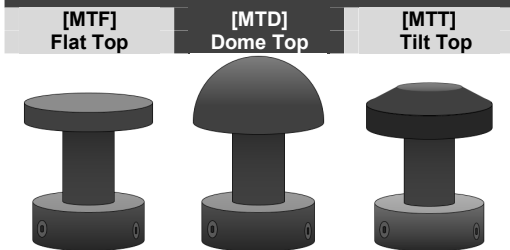
Designed and Manufactured to Comply with  
 CE/RoHS/TUV/CB/cETL/SAA Standard  
 IP65 Protection, Class I Electric

**CUSTOM OPTION**

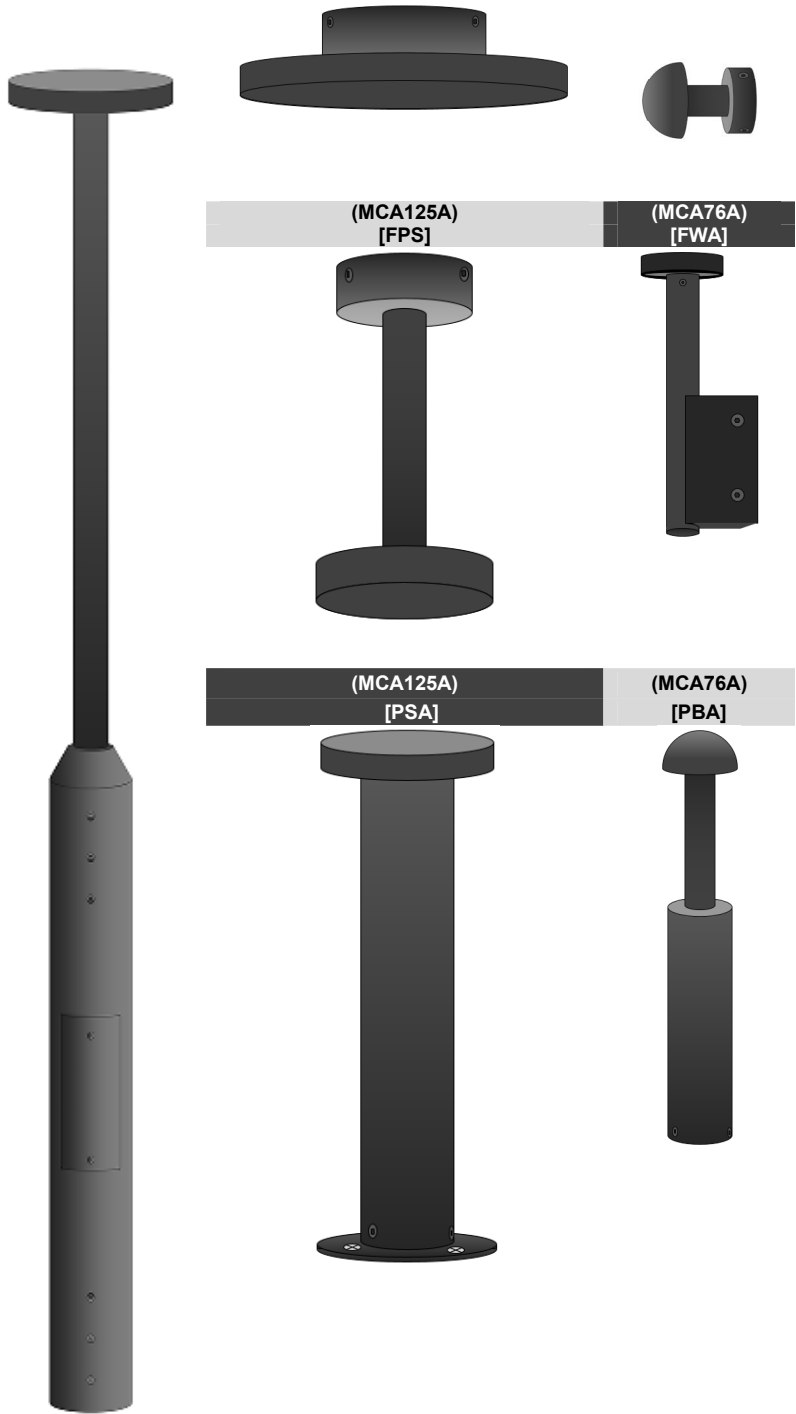
LED CCT: 1,600K~10,000K/R/G/B/Y  
 [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)  
 [WM40C]: Working Temperature -40°C~50°C  
 [SFH]: Custom Housing Finish by RAL Code

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

**Custom Top Profile**



(MCA300A)	(MCA300A)	(MCA300A)	(MCA300A)	(MCA300A)	(MCA300A)	(MCA76A)	(MCA76A)
[PBA] Tall	[FFS]	[FFS]	[FFS]	[FFS]	[FFS]	[FFS]	[FFS]



**SPECIFICATION**

**GTG5501A-MCA: LED GARDEN LIGHT**

MODEL	POWER [W]	LED TYPE	CCT [K]		CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
GTG2101A-MCA76A1N	6W [3W]	36x0.5W SMD2835	G2700K		RA90	440	> 0.9			
			G3000K		RA90	460				
			G3500K		RA90	460				
			G4000K		RA90	490				
			G5000K		RA90	490				
			G6500K		RA90	490				
2C@6W	TWG	G2700K	G6500K	RA90	440	> 0.9				
4C@6W	RGBWG	620nm	520nm	460nm	2700K	\	440	> 0.9		
GTG2101A-MCA76B1N MCA95A1N	10W [6W]	60x0.5W SMD2835	G2700K		RA90	730	> 0.9			
			G3000K		RA90	770				
			G3500K		RA90	770				
			G4000K		RA90	820				
			G5000K		RA90	820				
			G6500K		RA90	820				
2C@10W	TWG	G2700K	G6500K	RA90	730	> 0.9				
4C@10W	RGBWG	620nm	520nm	460nm	2700K	\	730	> 0.9		
GTG2101A-MCA95B1N MCA125A1N	15W [20W] [12W]	72x0.5W SMD2835	G2700K		RA90	1010	> 0.9			
			G3000K		RA90	1100				
			G3500K		RA90	1100				
			G4000K		RA90	1140				
			G5000K		RA90	1140				
			G6500K		RA90	1140				
2C@15W	TWG	G2700K	G6500K	RA90	1010	> 0.9				
4C@15W	RGBWG	620nm	520nm	460nm	2700K	\	1010	> 0.9		
GTG2101A-MCA125B1N MCA160A1N	20W [30W] [12W]	96x0.5W SMD2835	G2700K		RA90	1450	> 0.9			
			G3000K		RA90	1550				
			G3500K		RA90	1550				
			G4000K		RA90	1630				
			G5000K		RA90	1630				
			G6500K		RA90	1630				
2C@20W	TWG	G2700K	G6500K	RA90	1450	> 0.9				
4C@20W	RGBWG	620nm	520nm	460nm	2700K	\	1450	> 0.9		
GTG2101A-MCA200A1N	30W [40W] [20W] [12W]	144x0.5W SMD2835	G2700K		RA90	2180	> 0.9			
			G3000K		RA90	2310				
			G3500K		RA90	2310				
			G4000K		RA90	2450				
			G5000K		RA90	2450				
			G6500K		RA90	2450				
2C@30W	TWG	G2700K	G6500K	RA90	2180	> 0.9				
4C@30W	RGBWG	620nm	520nm	460nm	2700K	\	2180	> 0.9		
GTG2101A-MCA160B1N MCA250A1N	40W [50W] [30W] [20W]	192x0.5W SMD2835	G2700K		RA90	2910	> 0.9			
			G3000K		RA90	3100				
			G3500K		RA90	3100				
			G4000K		RA90	3270				
			G5000K		RA90	3270				
			G6500K		RA90	3270				
2C@40W	TWG	G2700K	G6500K	RA90	2910	> 0.9				
4C@40W	RGBWG	620nm	520nm	460nm	2700K	\	2910	> 0.9		
GTG2101A-MCA200B1N MCA300A1N	50W [60W] [40W] [30W]	240x0.5W SMD2835	G2700K		RA90	3510	> 0.9			
			G3000K		RA90	3730				
			G3500K		RA90	3730				
			G4000K		RA90	3950				
			G5000K		RA90	3950				
			G6500K		RA90	3950				
2C@50W	TWG	G2700K	G6500K	RA90	3510	> 0.9				
4C@50W	RGBWG	620nm	520nm	460nm	2700K	\	3510	> 0.9		
GTG2101A-MCA350A1N	60W [75W] [50W] [40W] [30W]	288x0.5W SMD2835	G2700K		RA90	4360	> 0.9			
			G3000K		RA90	4630				
			G3500K		RA90	4630				
			G4000K		RA90	4900				
			G5000K		RA90	4900				
			G6500K		RA90	4900				
2C@60W	TWG	G2700K	G6500K	RA90	4360	> 0.9				
4C@60W	RGBWG	520nm	460nm	2700K	\	4360	4360	> 0.9		
GTG2101A-MCA300B1N MCA400A1N	75W [100W] [50W]	360x0.5W SMD2835	G2700K		RA90	5260	> 0.9			
			G3000K		RA90	5590				
			G3500K		RA90	5590				
			G4000K		RA90	5920				
			G5000K		RA90	5920				
			G6500K		RA90	5920				
2C@75W	TWG	G2700K	G6500K	RA90	5260	> 0.9				
4C@75W	RGBWG	620nm	520nm	460nm	2700K	\	5260	> 0.9		
GTG2101A-MCA500A1N MCA500B1N	120W [150W] [100W] [75W] [50W]	480x0.5W SMD2835	G2700K		RA90	8710	> 0.9			
			G3000K		RA90	9250				
			G3500K		RA90	9250				
			G4000K		RA90	9800				
			G5000K		RA90	9800				
			G6500K		RA90	9800				
2C@120W	TWG	G2700K	G6500K	RA90	8710	> 0.9				
4C@120W	RGBWG	620nm	520nm	460nm	2700K	\	8710	> 0.9		



**[AC100~347V]**  
 [CDN]: Non-dim  
 [CDT]: TRIAC(10%)  
 [CDV]: 0/1~10V(8%)  
 [CDV0]: 0~10V(1%)  
 [CDV1]: 1~10V(10%)  
 [CDA]: DALI(1%)

**[DC12~48V]**  
 [CDN]: Non-dim  
 [+CDP]: PWM(1%)  
 [+CDX]: DMX512(1%)  
 [+CDS]: SPI(1%)

**Following [Sensor]**  
 [CSL]: Photocell Lux Sensor

**[CSPD]:** Big-level PIR Motion Sensor

**[CSMD]:** Big-level Microwave Motion Sensor

**Following by Remote Driver [Outside Fixture]**  
 [CRZ]: ZIGBEE(1%)  
 [CRF]: 2.4G RF(1%)  
 [CRB]: Bluetooth(1%)

AC100~277V  
 [AC100~240V]  
 [AC100~347V]  
 50/60Hz





[+CV DC12V]  
 [+CV DC24V]  
 [+CV DC42V]

**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.

**SPECIFICATION**

**GTG5501A-MCA: LED GARDEN LIGHT**

MODEL	POWER [W]	LED TYPE	CCT [K]	CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]		
GTG2101A-MCA76A2B	6W [3W]	6x2W SMD3030	G2700K	RA90	440	> 0.9	[Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120°  [Louver] BGL LM-25% 	[AC100~347V] [CDN]:Non-dim [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDA]:DALI(1%)  [DC12~48V] [CDN]:Non-dim [+CDP]:PWM(1%) [+CDX]:DMX512(1%) [+CDS]:SPI(1%)  Following [Sensor] [CSL]: Photocell Lux Sensor  [CSPD]: Big-level PIR Motion Sensor  [CSMD]: Big-level Microwave Motion Sensor   Following by Remote Driver [Outside Fixture] [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	AC100~277V [AC100~240V] [AC100~347V] 50/60Hz  [+CV DC12V] [+CV DC24V] [+CV DC42V]		
			G3000K	RA90	460						
			G3500K	RA90	460						
			G4000K	RA90	490						
G5000K	RA90	490									
G6500K	RA90	490									
2C@6W	TWG	G2700K	G6500K	RA90	440	> 0.9					
4C@6W	RGBWG	620nm	520nm	460nm	2700K	\				440	> 0.9
GTG2101A-MCA76B2B MCA95A2B	10W [6W]	12x2W SMD3030	G2700K	RA90	730	> 0.9					
			G3000K	RA90	770						
			G3500K	RA90	770						
			G4000K	RA90	820						
G5000K	RA90	820									
G6500K	RA90	820									
2C@10W	TWG	G2700K	G6500K	RA90	730	> 0.9					
4C@10W	RGBWG	620nm	520nm	460nm	2700K	\	730	> 0.9			
GTG2101A-MCA95B2B MCA125A2B	15W [20W] [10W] [6W]	24x2W SMD3030	G2700K	RA90	1010	> 0.9					
			G3000K	RA90	1100						
			G3500K	RA90	1100						
			G4000K	RA90	1140						
G5000K	RA90	1140									
G6500K	RA90	1140									
2C@15W	TWG	G2700K	G6500K	RA90	1010	> 0.9					
4C@15W	RGBWG	620nm	520nm	460nm	2700K	\	1010	> 0.9			
GTG2101A-MCA125B2B MCA160A2B	20W [30W] [10W]	24x2W SMD3030	G2700K	RA90	1450	> 0.9					
			G3000K	RA90	1550						
			G3500K	RA90	1550						
			G4000K	RA90	1630						
G5000K	RA90	1630									
G6500K	RA90	1630									
2C@20W	TWG	G2700K	G6500K	RA90	1450	> 0.9					
4C@20W	RGBWG	620nm	520nm	460nm	2700K	\	1450	> 0.9			
GTG2101A-MCA200A2B	30W [40W] [20W] [12W]	36x2W SMD3030	G2700K	RA90	2180	> 0.9					
			G3000K	RA90	2310						
			G3500K	RA90	2310						
			G4000K	RA90	2450						
G5000K	RA90	2450									
G6500K	RA90	2450									
2C@30W	TWG	G2700K	G6500K	RA90	2180	> 0.9					
4C@30W	RGBWG	620nm	520nm	460nm	2700K	\	2180	> 0.9			
GTG2101A-MCA160B2B MCA250A2B	40W [50W] [30W] [20W]	48x2W SMD3030	G2700K	RA90	2910	> 0.9					
			G3000K	RA90	3100						
			G3500K	RA90	3100						
			G4000K	RA90	3270						
G5000K	RA90	3270									
G6500K	RA90	3270									
2C@40W	TWG	G2700K	G6500K	RA90	2910	> 0.9					
4C@40W	RGBWG	620nm	520nm	460nm	2700K	\	2910	> 0.9			
GTG2101A-MCA200B2B MCA300A2B	50W [60W] [40W] [30W]	60x2W SMD3030	G2700K	RA90	3510	> 0.9					
			G3000K	RA90	3730						
			G3500K	RA90	3730						
			G4000K	RA90	3950						
G5000K	RA90	3950									
G6500K	RA90	3950									
2C@50W	TWG	G2700K	G6500K	RA90	3510	> 0.9					
4C@50W	RGBWG	620nm	520nm	460nm	2700K	\	3510	> 0.9			
GTG2101A-MCA350A2B	60W [75W] [50W] [40W] [30W]	96x2W SMD3030	G2700K	RA90	4360	> 0.9					
			G3000K	RA90	4630						
			G3500K	RA90	4630						
			G4000K	RA90	4900						
G5000K	RA90	4900									
G6500K	RA90	4900									
2C@60W	TWG	G2700K	G6500K	RA90	4360	> 0.9					
4C@60W	RGBWG	620nm	520nm	460nm	2700K	\	4360	> 0.9			
GTG2101A-MCA300B2B MCA400A2B	75W [100W] [50W]	180x2W SMD3030	G2700K	RA90	5260	> 0.9					
			G3000K	RA90	5590						
			G3500K	RA90	5590						
			G4000K	RA90	5920						
G5000K	RA90	5920									
G6500K	RA90	5920									
2C@75W	TWG	G2700K	G6500K	RA90	5260	> 0.9					
4C@75W	RGBWG	620nm	520nm	460nm	2700K	\	5260	> 0.9			
GTG2101A-MCA500A2B MCA500B2B	120W [150W] [100W] [75W] [50W]	240x2W SMD3030	G2700K	RA90	8710	> 0.9					
			G3000K	RA90	9250						
			G3500K	RA90	9250						
			G4000K	RA90	9800						
G5000K	RA90	9800									
G6500K	RA90	9800									
2C@120W	TWG	G2700K	G6500K	RA90	8710	> 0.9					
4C@120W	RGBWG	620nm	520nm	460nm	2700K	\	8710	> 0.9			

**NOTE:**

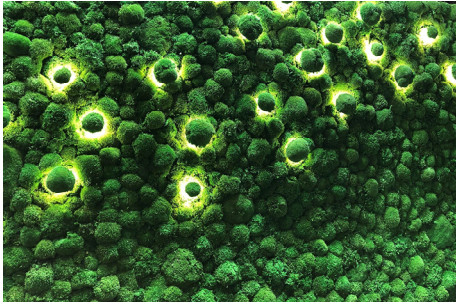
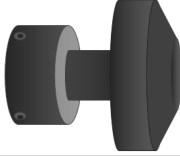
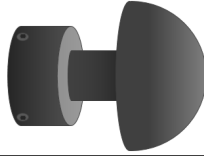
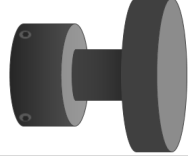

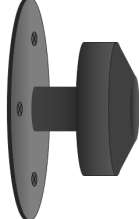
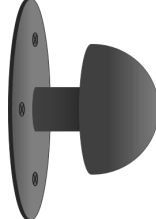

All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment. Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.



**DIMENSION:[UNIT: MM]** (MCA76A)-[FFS] Flush Surface Mounted Light

**NOTES:** Remote Mounting LED driver (outside of the fixture).  
**NOTES:** Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.


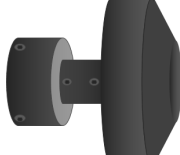
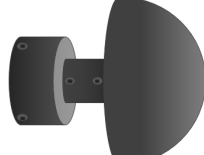
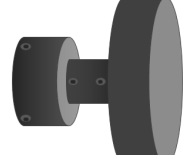


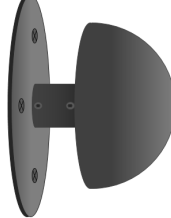
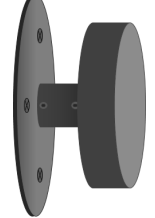
**CASE STUDY:**

	(MCA76A)-[MTT]	(MCA76A)-[MTD]	(MCA76A)-[MTF]
	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 88/3.5" Φ76/3"	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 88/3.5" Φ76/3"	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 76/3" Φ76/3"
<b>CASE STUDY:</b>	(MCA76A)-[MTT]	(MCA76A)-[MTD]	(MCA76A)-[MTF]
	 [FFS]-[FJP] 67/2.64" Φ127/5" TP7146 Φ76/3"	 [FFS]-[FJP] 67/2.64" Φ127/5" TP7146 Φ76/3"	 [FFS]-[FJP] 54/2.13" Φ127/5" TP7146 Φ76/3"

**DIMENSION:[UNIT: MM]** (MCA95A)-[FFS] Flush Surface Mounted Light

**NOTES:** Remote Mounting LED driver (outside of the fixture).  
**NOTES:** Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

**CASE STUDY:**

	(MCA95A)-[MTT]	(MCA95A)-[MTD]	(MCA95A)-[MTF]
	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 100/3.94" Φ95/3.74"	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 103/4.04" Φ95/3.74"	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 85/3.35" Φ95/3.74"
<b>CASE STUDY:</b>	(MCA95A)-[MTT]	(MCA95A)-[MTD]	(MCA95A)-[MTF]
	 [FFS]-[FJP] 79/3.11" Φ127/5" TP7146 Φ95/3.74"	 [FFS]-[FJP] 82/3.21" Φ127/5" TP7146 Φ95/3.74"	 [FFS]-[FJP] 64/2.52" Φ127/5" TP7146 Φ95/3.74"

<b>DIMENSION:[UNIT: MM]</b>		<b>(MCA125A)-[FFS] Flush Surface Mounted Light</b>		
NOTES:	Remote Mounting LED driver (outside of the fixture).			
NOTES:	LED driver ( $\leq 12W$ ) can be Integrated inside the 4" Jbox.			
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
<b>CASE STUDY:</b>	<b>(MCA125A)-[MTT]</b>	<b>(MCA125A)-[MTD]</b>	<b>(MCA125A)-[MTF]</b>	
	[FFS]-[FNE] [FNE] 70/2.76" 35/1.5" $\Phi 125/4.92$ "	[FFS]-[FNE] [FNE] 88/3.44" 35/1.5" $\Phi 125/4.92$ "	[FFS]-[FNE] [FNE] 55/2.17" 35/1.5" $\Phi 125/4.92$ "	
	<b>(MCA125A)-[MTT]</b>	<b>(MCA125A)-[MTD]</b>	<b>(MCA125A)-[MTF]</b>	
	[FFS]-[FJP] 74/2.91" $\Phi 127/5$ " TP7146 $\Phi 125/4.92$ "	[FFS]-[FJP] 92/3.6" $\Phi 127/5$ " TP7146 $\Phi 125/4.92$ "	[FFS]-[FJP] 59/2.32" $\Phi 127/5$ " TP7146 $\Phi 125/4.92$ "	

<b>DIMENSION:[UNIT: MM]</b>		<b>(MCA160A)-[FFS] Flush Surface Mounted Light</b>		
NOTES:	LED driver ( $\leq 12W$ ) can be Integrated inside the box. Others needs be Remote Mounting.			
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
<b>CASE STUDY:</b>	<b>(MCA160A)-[MTT]</b>	<b>(MCA160A)-[MTD]</b>	<b>(MCA160A)-[MTF]</b>	
	[FFS]-[FNE] [FNE] 75/2.95" 35/1.5" $\Phi 160/6.3$ "	[FFS]-[FNE] [FNE] 110/4.33" 35/1.5" $\Phi 160/6.3$ "	[FFS]-[FNE] [FNE] 60/2.36" 35/1.5" $\Phi 160/6.3$ "	
	[FFS]-[FJP] 75/2.95" $\Phi 110/4.33$ " TP7146 $\Phi 160/6.3$ "	[FFS]-[FJP] 110/4.33" $\Phi 110/4.33$ " TP7146 $\Phi 160/6.3$ "	[FFS]-[FJP] 60/2.36" $\Phi 110/4.33$ " TP7146 $\Phi 160/6.3$ "	


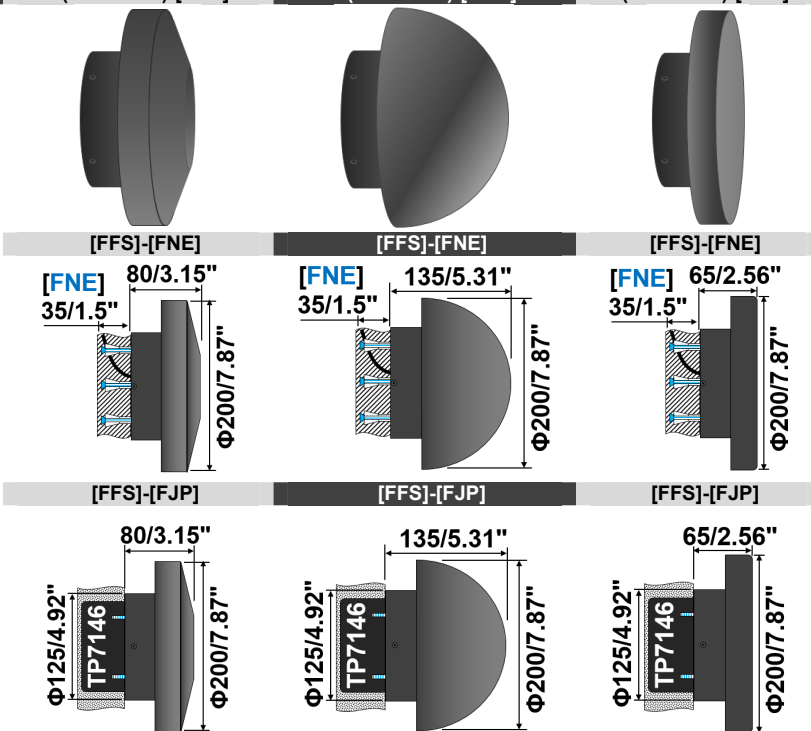
**SPECIFICATION**

**GTG5501A-MCA: LED GARDEN LIGHT**

**(MCA200A)-[FFS] Flush Surface Mounted Light**

NOTES: LED driver (≤30W) can be Integrated inside the box. Others needs be Remote Mounting.  
 NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

CASE STUDY: (MCA200A)-[MTT] (MCA200A)-[MTD] (MCA200A)-[MTF]


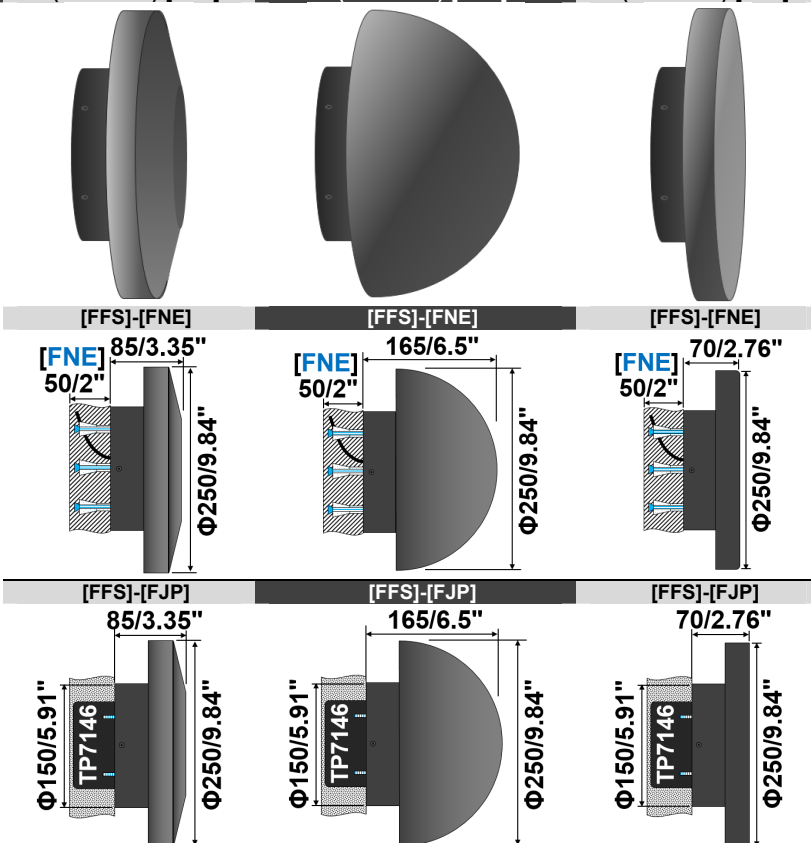



Model	Top Diameter	Bottom Diameter	Depth	Mounting Hole Diameter
[FFS]-[FNE] (80/3.15")	80/3.15"	Φ200/7.87"	35/1.5"	Φ125/4.92"
[FFS]-[FNE] (135/5.31")	135/5.31"	Φ200/7.87"	35/1.5"	Φ125/4.92"
[FFS]-[FNE] (65/2.56")	65/2.56"	Φ200/7.87"	35/1.5"	Φ125/4.92"
[FFS]-[FJP] (80/3.15")	80/3.15"	Φ200/7.87"	35/1.5"	Φ125/4.92"
[FFS]-[FJP] (135/5.31")	135/5.31"	Φ200/7.87"	35/1.5"	Φ125/4.92"
[FFS]-[FJP] (65/2.56")	65/2.56"	Φ200/7.87"	35/1.5"	Φ125/4.92"

**(MCA250A)-[FFS] Flush Surface Mounted Light**

NOTES: LED driver (≤30W) can be Integrated inside the box. Others needs be Remote Mounting.  
 NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

CASE STUDY: (MCA250A)-[MTT] (MCA250A)-[MTD] (MCA250A)-[MTF]

Model	Top Diameter	Bottom Diameter	Depth	Mounting Hole Diameter
[FFS]-[FNE] (85/3.35")	85/3.35"	Φ250/9.84"	50/2"	Φ150/5.91"
[FFS]-[FNE] (165/6.5")	165/6.5"	Φ250/9.84"	50/2"	Φ150/5.91"
[FFS]-[FNE] (70/2.76")	70/2.76"	Φ250/9.84"	50/2"	Φ150/5.91"
[FFS]-[FJP] (85/3.35")	85/3.35"	Φ250/9.84"	50/2"	Φ150/5.91"
[FFS]-[FJP] (165/6.5")	165/6.5"	Φ250/9.84"	50/2"	Φ150/5.91"
[FFS]-[FJP] (70/2.76")	70/2.76"	Φ250/9.84"	50/2"	Φ150/5.91"



**SPECIFICATION**


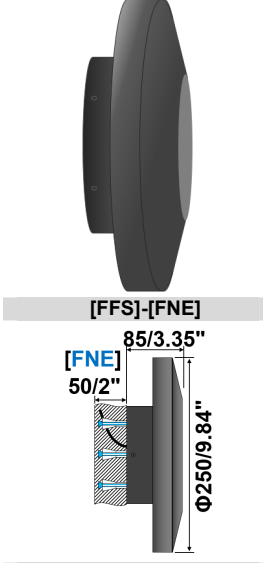
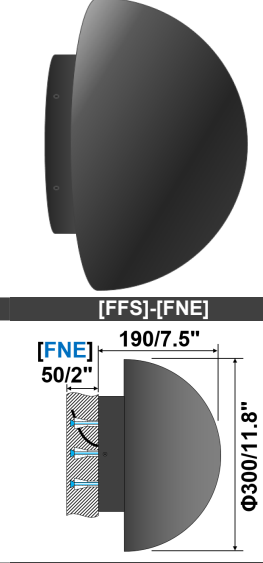
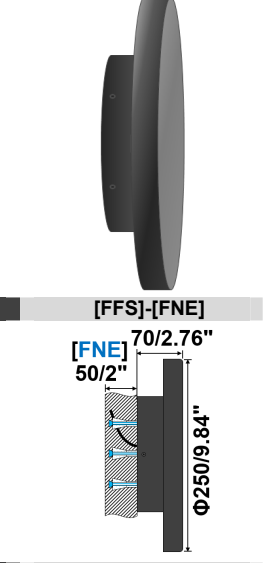
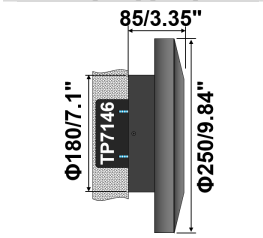
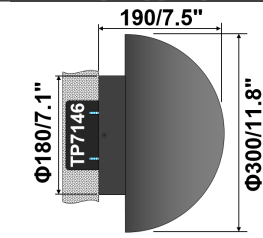
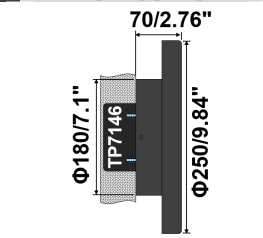
**GTG5501A-MCA: LED GARDEN LIGHT**

**DIMENSION:[UNIT: MM]** (MCA300A)-[FFS] Flush Surface Mounted Light

**NOTES:** LED driver (≤40W) can be Integrated inside the box. Others needs be Remote Mounting.

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

**CASE STUDY:** (MCA300A)-[MTT] (MCA300A)-[MTD] (MCA300A)-[MTF]

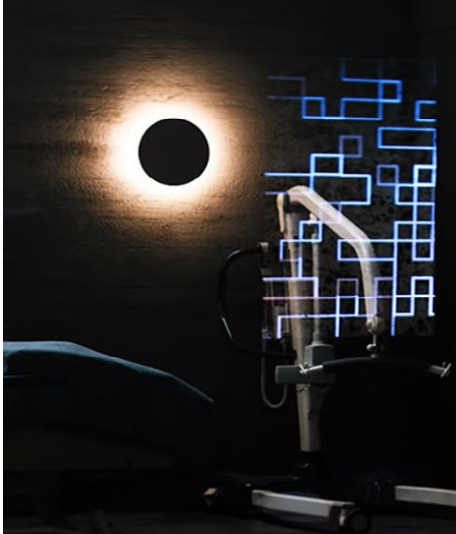
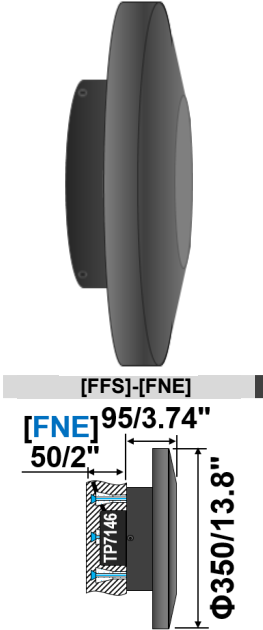

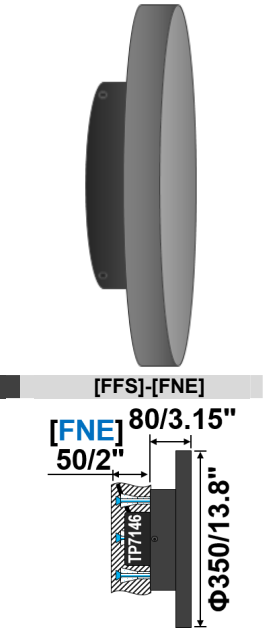








**DIMENSION:[UNIT: MM]** (MCA350A)-[FFS] Flush Surface Mounted Light

**NOTES:** LED driver (≤50W) can be Integrated inside the box. Others needs be Remote Mounting.


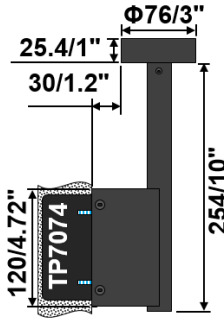
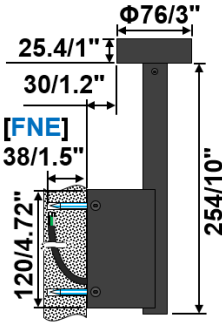
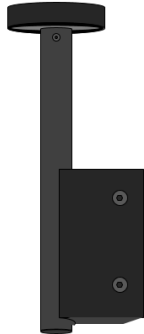

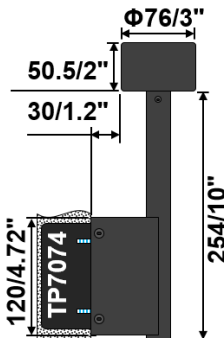
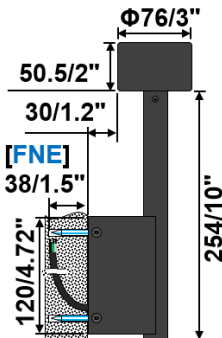
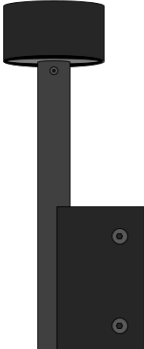
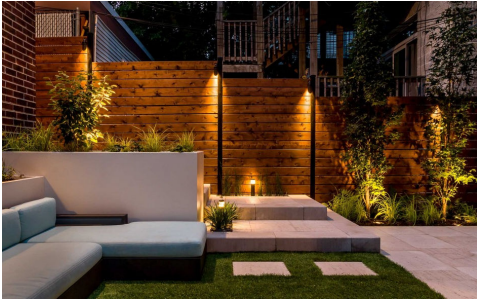
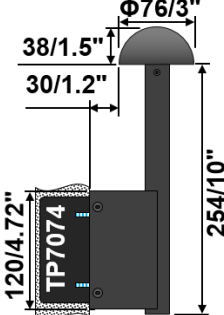
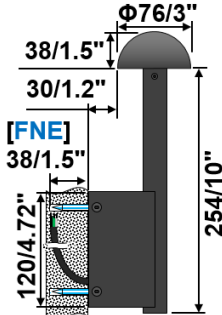

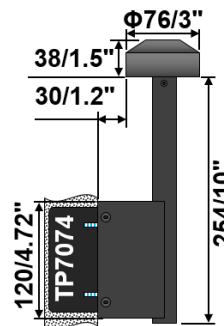
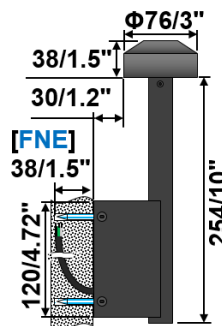

**NOTES:** Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

**CASE STUDY:** (MCA350A)-[MTT] (MCA350A)-[MTD] (MCA350A)-[MTF]

**SPECIFICATION**

**GTG5501A-MCA: LED GARDEN LIGHT**

DIMENSION:[UNIT: MM]		(MCA76A)-[FWA] Wall Surface Mounted Light		
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.				
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA76A)-[MTF]
				
<b>CASE STUDY:</b>	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA76A)-[MTF]
				
<b>CASE STUDY:</b>	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA76A)-[MTD]
				
<b>CASE STUDY:</b>	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA76A)-[MTT]
				



DIMENSION:[UNIT: MM]		(MCA95A)-[FWA] Wall Surface Mounted Light		
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.				
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA95A)-[MTF]
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA95B)-[MTD]
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA95A)-[MTD]
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA95A)-[MTT]

DIMENSION:[UNIT: MM]		(MCA125A)-[FWA] Wall Surface Mounted Light		
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.		[FWA]-[FJP]	[FWA]-[FNE]	(MCA125A)-[MTF]
CASE STUDY:		[FWA]-[FJP]	[FWA]-[FNE]	(MCA125A)-[MTF]
CASE STUDY:		[FWA]-[FJP]	[FWA]-[FNE]	(MCA125B)-[MTF]
CASE STUDY:		[FWA]-[FJP]	[FWA]-[FNE]	(MCA125A)-[MTD]
CASE STUDY:		[FWA]-[FJP]	[FWA]-[FNE]	(MCA125A)-[MTT]

DIMENSION:[UNIT: MM]		(MCA160A)-[FWA] Wall Surface Mounted Light	
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	(MCA160A)-[MTF]
CASE STUDY:	[FWA]-[FNA]	[FWA]-[FNE]	(MCA160B)-[MTF]
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	(MCA160A)-[MTD]
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	(MCA160A)-[MTT]




DIMENSION:[UNIT: MM]	(MCA200A)-[FWA] Wall Surface Mounted Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.		
CASE STUDY:	[FWA]-[FNA]	[FWA]-[FNE]	(MCA200A)-[MTF]
CASE STUDY:	[FWA]-[FNA]	[FWA]-[FNE]	(MCA200B)-[MTF]
CASE STUDY:	[FWA]-[FNA]	[FWA]-[FNE]	(MCA200A)-[MTD]
CASE STUDY:	[FWA]-[FNA]	[FWA]-[FNE]	(MCA200A)-[MTT]

**(MCA76A)-[PBA] BOLLARD Light**

NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.  
 NOTES: Total Height of Poles need be lower than 1600mm/63"  
 NOTES: When "PB-L76mm" the led driver need be remote outside the bollard.

CASE STUDY:




[PBA]-[FNE]	[PBA]-[FNE]	(MCA76A)-[MTF]

**(MCA76A)-[PBA] BOLLARD Light**

NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.  
 NOTES: Total Height of Poles need be lower than 1600mm/63"  
 NOTES: When "PB-L76mm" the led driver need be remote outside the bollard.

CASE STUDY:

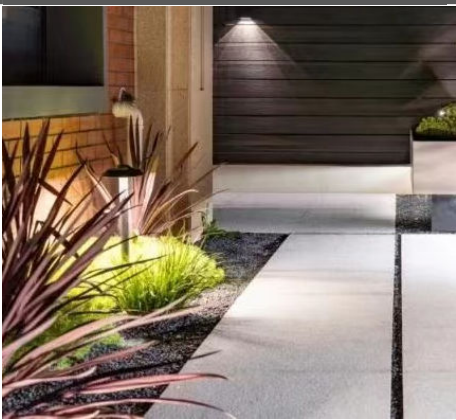


[PBA]-[FNE]	[PBA]-[FNE]	(MCA76A)-[MTD]

**(MCA76A)-[PBA] BOLLARD Light**

NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.  
 NOTES: Total Height of Poles need be lower than 1600mm/63"  
 NOTES: When "PB-L76mm" the led driver need be remote outside the bollard.

CASE STUDY:


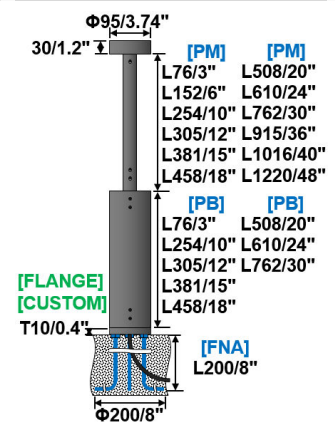
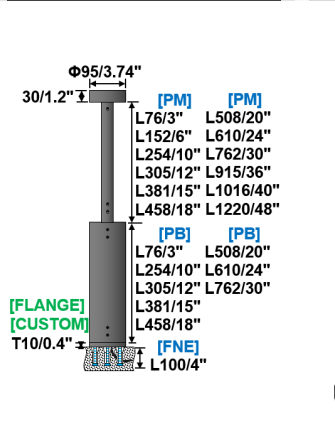
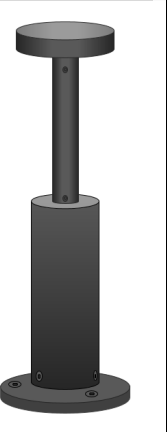


[PBA]-[FNE]	[PBA]-[FNE]	(MCA76A)-[MTT]

**(MCA95A)-[PBA] BOLLARD Light**

NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.  
 NOTES: Total Height of Poles need be lower than 1600mm/63"  
 NOTES: When "PB-L76mm" the led driver need be remote outside the bollard.


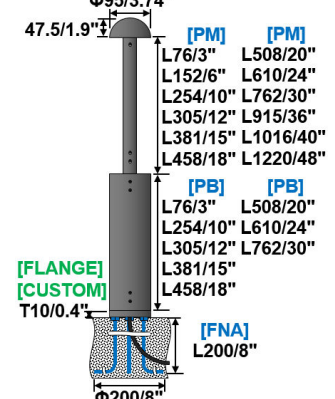
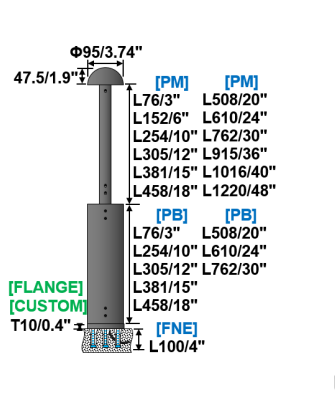
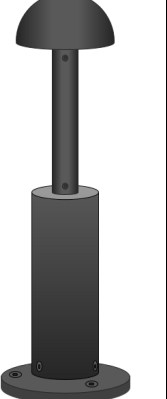
CASE STUDY: [PBA]-[FNE] [PBA]-[FNE] (MCA95A)-[MTF]

**(MCA95A)-[PBA] BOLLARD Light**

NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.  
 NOTES: Total Height of Poles need be lower than 1600mm/63"  
 NOTES: When "PB-L76mm" the led driver need be remote outside the bollard.


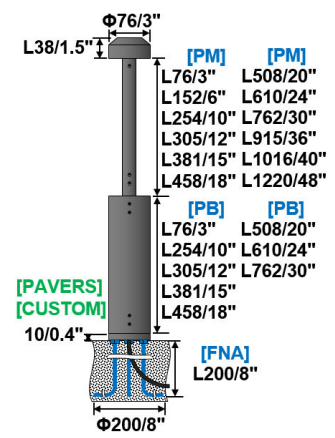
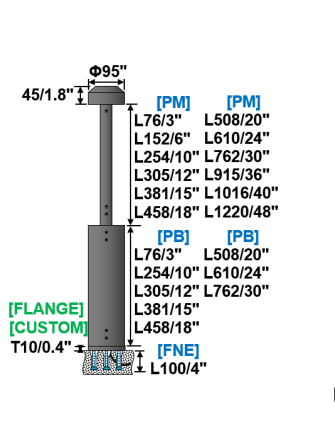
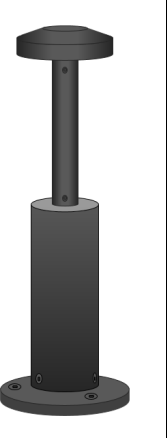
CASE STUDY: [PBA]-[FNE] [PBA]-[FNE] (MCA95A)-[MTD]

**(MCA95A)-[PBA] BOLLARD Light**

NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.  
 NOTES: Total Height of Poles need be lower than 1600mm/63"  
 NOTES: When "PB-L76mm" the led driver need be remote outside the bollard.

CASE STUDY: [PBA]-[FNE] [PBA]-[FNE] (MCA95A)-[MTT]









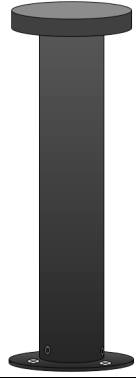
**DIMENSION:[UNIT: MM]**

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

**CASE STUDY:**



**(MCA125A)-[PSA] BOLLARD Light**

[PSA]-[FNA]	[PSA]-[FOE]	(MCA125A)-[MTF]
<p>30/1.2" <math>\Phi</math>125/4.92"</p> <p>65/2.56"</p> <p>[FLANGE] [CUSTOM] T10/0.4"</p> <p>[FNA] L200/8"</p> <p><math>\Phi</math>200/8"</p> <p>[PSA] L305/12" L458/18" L508/20" L610/24" L762/30" L915/36" L1016/40" L1220/48" L1524/60"</p>	<p>30/1.2" <math>\Phi</math>125/4.92"</p> <p>65/2.56"</p> <p>[FLANGE] [CUSTOM] T10/0.4"</p> <p>[FOE] L125/5"</p> <p>[PSA] L305/12" L458/18" L508/20" L610/24" L762/30" L915/36" L1016/40" L1220/48" L1524/60"</p>	


**DIMENSION:[UNIT: MM]**

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

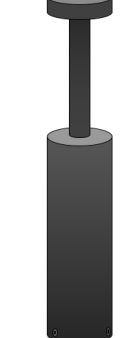
**NOTES:** Total Height of Poles need be lower than 1600mm/63"

**NOTES:** When "PB-L102mm/254mm" the led driver need be remote outside the bollard.


**CASE STUDY:**



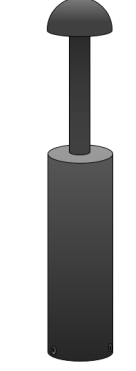
**(MCA125A)-[PBA] BOLLARD Light**

[PBA]-[FNA]	[PBA]-[FNE]	(MCA125A)-[MTF]
<p>30/1.2" <math>\Phi</math>125/4.92"</p> <p>[PM] [PM] L76/3" L508/20" L152/6" L610/24" L254/10" L762/30" L305/12" L915/36" L381/15" L1016/40" L458/18" L1220/48"</p> <p>[PB] [PB] L102/4" L458/18" L254/10" L508/20" L305/12" L610/24" L381/15" L762/30"</p> <p>[FLANGE] [CUSTOM] T10/0.4"</p> <p>[FNA] L200/8"</p> <p><math>\Phi</math>200/8"</p>	<p>30/1.3" <math>\Phi</math>125/4.92"</p> <p>[PM] [PM] L76/3" L508/20" L152/6" L610/24" L254/10" L762/30" L305/12" L915/36" L381/15" L1016/40" L458/18" L1220/48"</p> <p>[PB] [PB] L102/4" L458/15" L254/10" L508/20" L305/12" L610/24" L381/15" L762/30"</p> <p>[FLANGE] [CUSTOM] T10/0.4"</p> <p>[FNE] L100/4"</p>	


**CASE STUDY:**



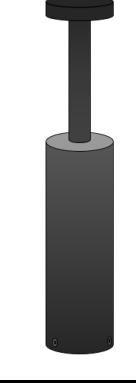
**(MCA125A)-[MTD]**


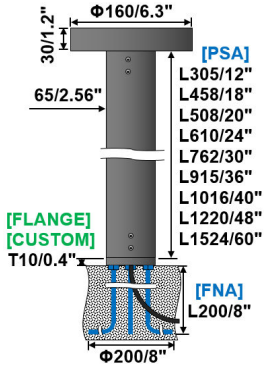
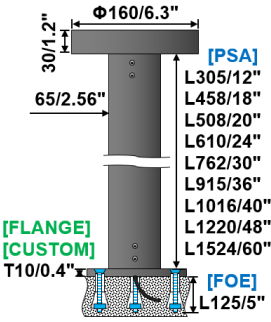
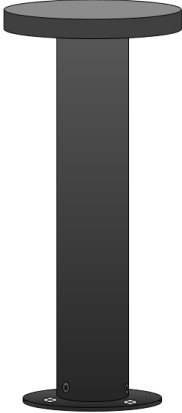
[PBA]-[FNA]	[PBA]-[FNE]	(MCA125A)-[MTD]
<p>62.5/2.5" <math>\Phi</math>125/4.92"</p> <p>[PM] [PM] L76/3" L508/20" L152/6" L610/24" L254/10" L762/30" L305/12" L915/36" L381/15" L1016/40" L458/18" L1220/48"</p> <p>[PB] [PB] L102/4" L458/18" L254/10" L508/20" L305/12" L610/24" L381/15" L762/30"</p> <p>[FLANGE] [CUSTOM] T10/0.4"</p> <p>[FNA] L200/8"</p> <p><math>\Phi</math>200/8"</p>	<p>62.5/2.5" <math>\Phi</math>125/4.92"</p> <p>[PM] [PM] L76/3" L508/20" L152/6" L610/24" L254/10" L762/30" L305/12" L915/36" L381/15" L1016/40" L458/18" L1220/48"</p> <p>[PB] [PB] L102/4" L458/15" L254/10" L508/20" L305/12" L610/24" L381/15" L762/30"</p> <p>[FLANGE] [CUSTOM] T10/0.4"</p> <p>[FNE] L100/4"</p>	

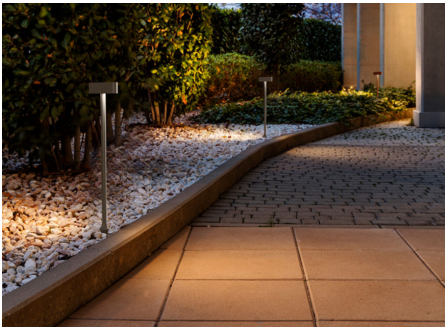
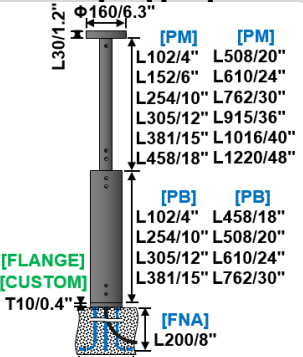
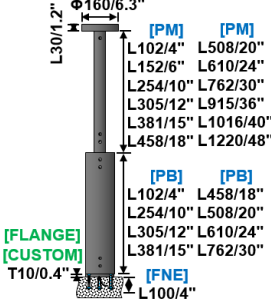

**CASE STUDY:**


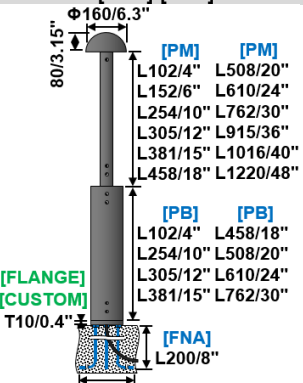
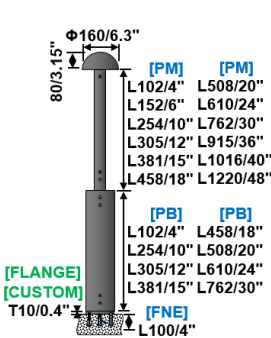




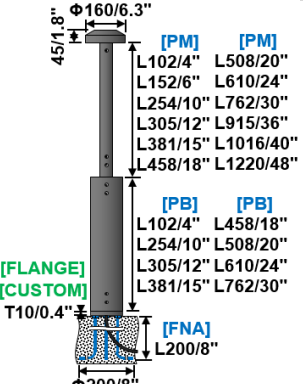
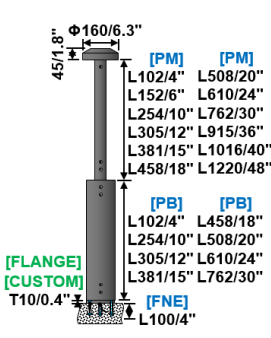

**(MCA125A)-[MTT]**

[PBA]-[FNA]	[PBA]-[FNE]	(MCA125A)-[MTT]
<p>45/1.8" <math>\Phi</math>125/4.92"</p> <p>[PM] [PM] L76/3" L508/20" L152/6" L610/24" L254/10" L762/30" L305/12" L915/36" L381/15" L1016/40" L458/18" L1220/48"</p> <p>[PB] [PB] L102/4" L458/18" L254/10" L508/20" L305/12" L610/24" L381/15" L762/30"</p> <p>[FLANGE] [CUSTOM] T10/0.4"</p> <p>[FNA] L200/8"</p> <p><math>\Phi</math>200/8"</p>	<p>45/1.8" <math>\Phi</math>125/4.92"</p> <p>[PM] [PM] L76/3" L508/20" L152/6" L610/24" L254/10" L762/30" L305/12" L915/36" L381/15" L1016/40" L458/18" L1220/48"</p> <p>[PB] [PB] L102/4" L458/15" L254/10" L508/20" L305/12" L610/24" L381/15" L762/30"</p> <p>[FLANGE] [CUSTOM] T10/0.4"</p> <p>[FNE] L100/4"</p>	


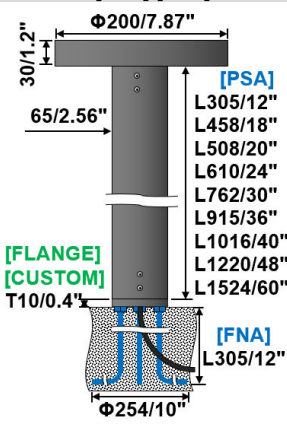
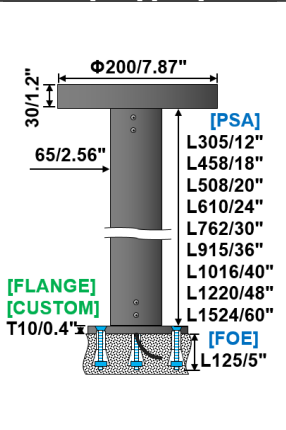
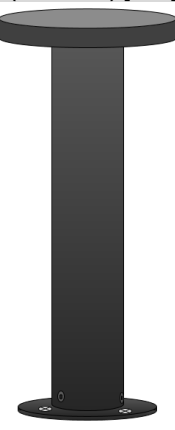
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NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
CASE STUDY:	[PSA]-[FNA]	[PSA]-[FOE]	(MCA160A)-[MTF]	
				

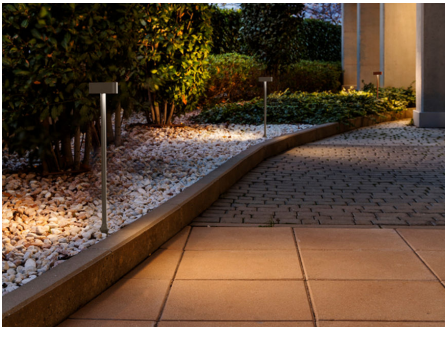
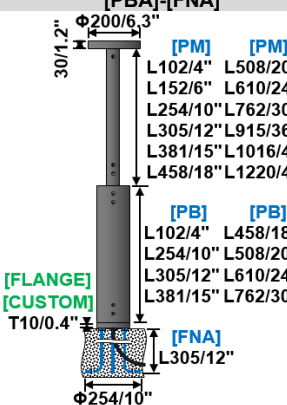
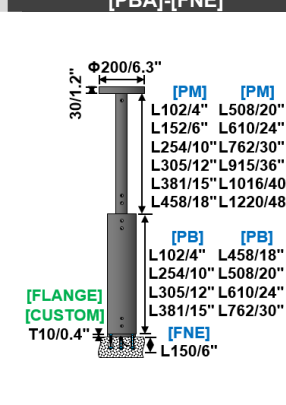
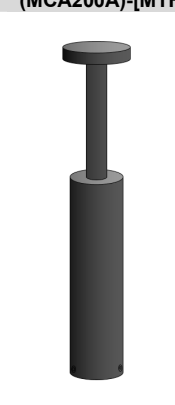
DIMENSION:[UNIT: MM]		(MCA160A)-[PBA] BOLLARD Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
NOTES:	Total Height of Poles need be lower than 1600mm/63"			
NOTES:	When "PB-L102mm/254mm" the led driver need be remote outside the bollard.			
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	(MCA160A)-[MTF]	
				


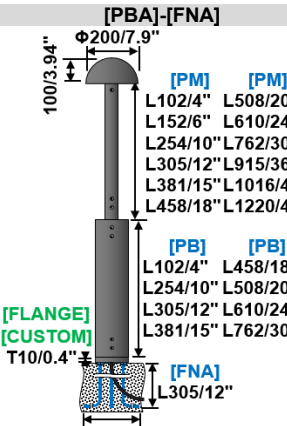
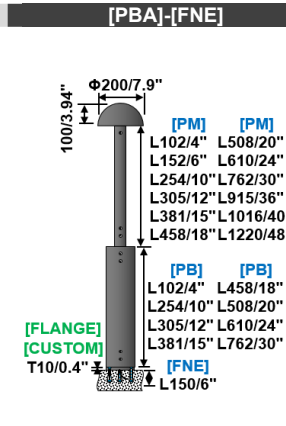
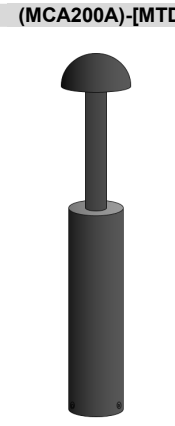
DIMENSION:[UNIT: MM]		(MCA160A)-[MTD]		
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	(MCA160A)-[MTD]	
				


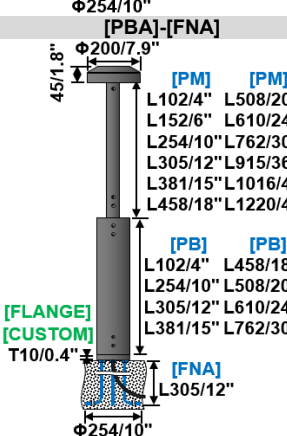
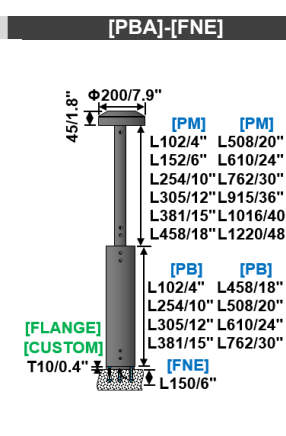
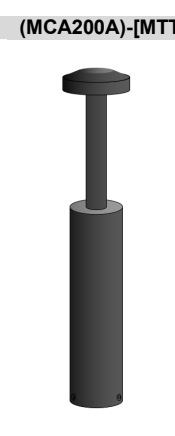
DIMENSION:[UNIT: MM]		(MCA160A)-[MTT]		
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	(MCA160A)-[MTT]	
				




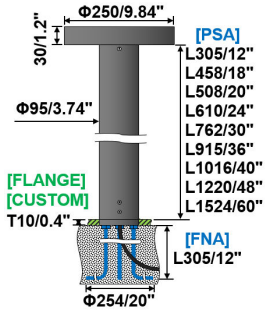
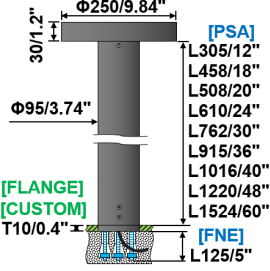
DIMENSION:[UNIT: MM]		(MCA200A)-[PSA] BOLLARD Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
CASE STUDY:	[PSA]-[FNA]	[PSA]-[FOE]	[MCA200A]-[MTF]	
	 <p>                     [PSA]                      L305/12\"                      L458/18\"                      L508/20\"                      L610/24\"                      L762/30\"                      L915/36\"                      L1016/40\"                      L1220/48\"                      L1524/60\"                      [FNA]                      L305/12\"                      [FLANGE]                      [CUSTOM]                      T10/0.4\"                 </p>	 <p>                     [PSA]                      L305/12\"                      L458/18\"                      L508/20\"                      L610/24\"                      L762/30\"                      L915/36\"                      L1016/40\"                      L1220/48\"                      L1524/60\"                      [FOE]                      L125/5\"                      [FLANGE]                      [CUSTOM]                      T10/0.4\"                 </p>		

DIMENSION:[UNIT: MM]		(MCA200A)-[PBA] BOLLARD Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
NOTES:	Total Height of Poles need be lower than 2000mm/63\"			
NOTES:	When \"PB-L102mm/254mm\" the led driver need be remote outside the bollard.			
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	[MCA200A]-[MTF]	
	 <p>                     [PM] [PM]                      L102/4\" L508/20\"                      L152/6\" L610/24\"                      L254/10\" L762/30\"                      L305/12\" L915/36\"                      L381/15\" L1016/40\"                      L458/18\" L1220/48\"                      [PB] [PB]                      L102/4\" L458/18\"                      L254/10\" L508/20\"                      L305/12\" L610/24\"                      L381/15\" L762/30\"                      [FNA]                      L305/12\"                      [FLANGE]                      [CUSTOM]                      T10/0.4\"                 </p>	 <p>                     [PM] [PM]                      L102/4\" L508/20\"                      L152/6\" L610/24\"                      L254/10\" L762/30\"                      L305/12\" L915/36\"                      L381/15\" L1016/40\"                      L458/18\" L1220/48\"                      [PB] [PB]                      L102/4\" L458/18\"                      L254/10\" L508/20\"                      L305/12\" L610/24\"                      L381/15\" L762/30\"                      [FNE]                      L150/6\"                      [FLANGE]                      [CUSTOM]                      T10/0.4\"                 </p>		

DIMENSION:[UNIT: MM]		(MCA200A)-[MTD]		
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	[MCA200A]-[MTD]	
	 <p>                     [PM] [PM]                      L102/4\" L508/20\"                      L152/6\" L610/24\"                      L254/10\" L762/30\"                      L305/12\" L915/36\"                      L381/15\" L1016/40\"                      L458/18\" L1220/48\"                      [PB] [PB]                      L102/4\" L458/18\"                      L254/10\" L508/20\"                      L305/12\" L610/24\"                      L381/15\" L762/30\"                      [FNA]                      L305/12\"                      [FLANGE]                      [CUSTOM]                      T10/0.4\"                 </p>	 <p>                     [PM] [PM]                      L102/4\" L508/20\"                      L152/6\" L610/24\"                      L254/10\" L762/30\"                      L305/12\" L915/36\"                      L381/15\" L1016/40\"                      L458/18\" L1220/48\"                      [PB] [PB]                      L102/4\" L458/18\"                      L254/10\" L508/20\"                      L305/12\" L610/24\"                      L381/15\" L762/30\"                      [FNE]                      L150/6\"                      [FLANGE]                      [CUSTOM]                      T10/0.4\"                 </p>		

DIMENSION:[UNIT: MM]		(MCA200A)-[MTT]		
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	[MCA200A]-[MTT]	
	 <p>                     [PM] [PM]                      L102/4\" L508/20\"                      L152/6\" L610/24\"                      L254/10\" L762/30\"                      L305/12\" L915/36\"                      L381/15\" L1016/40\"                      L458/18\" L1220/48\"                      [PB] [PB]                      L102/4\" L458/18\"                      L254/10\" L508/20\"                      L305/12\" L610/24\"                      L381/15\" L762/30\"                      [FNA]                      L305/12\"                      [FLANGE]                      [CUSTOM]                      T10/0.4\"                 </p>	 <p>                     [PM] [PM]                      L102/4\" L508/20\"                      L152/6\" L610/24\"                      L254/10\" L762/30\"                      L305/12\" L915/36\"                      L381/15\" L1016/40\"                      L458/18\" L1220/48\"                      [PB] [PB]                      L102/4\" L458/18\"                      L254/10\" L508/20\"                      L305/12\" L610/24\"                      L381/15\" L762/30\"                      [FNE]                      L150/6\"                      [FLANGE]                      [CUSTOM]                      T10/0.4\"                 </p>		



DIMENSION:[UNIT: MM]		(MCA250A)-[PSA] BOLLARD Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
CASE STUDY:	[PSA]-[FNA]	[PSA]-[FNE]	(MCA250A)-[MTF]	
	 <p> <math>\Phi 250/9.84''</math>            30/1.2"  <math>\Phi 95/3.74''</math>            [FLANGE] [CUSTOM]            T10/0.4"  <math>\Phi 254/20''</math> </p> <p>           [PSA]            L305/12"            L458/18"            L508/20"            L610/24"            L762/30"            L915/36"            L1016/40"            L1220/48"            L1524/60"            [FNA]            L305/12"         </p>	 <p> <math>\Phi 250/9.84''</math>            30/1.2"  <math>\Phi 95/3.74''</math>            [FLANGE] [CUSTOM]            T10/0.4"         </p> <p>           [PSA]            L305/12"            L458/18"            L508/20"            L610/24"            L762/30"            L915/36"            L1016/40"            L1220/48"            L1524/60"            [FNE]            L125/5"         </p>	