

INTRODUCTION

GTG5501A: LED GARDEN LIGHT

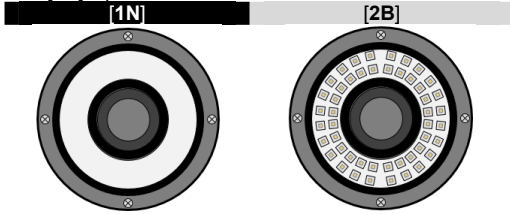
FEATURE

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

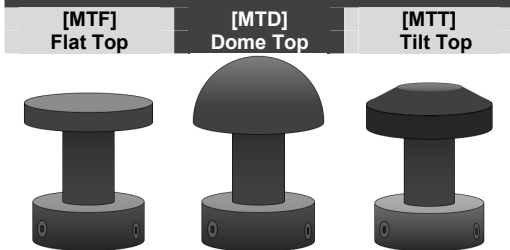
Designed and Manufactured to Comply with
 CE/RoHS/TUV/CB/cETL/SAA Standard
 IP65 Protection, Class I Electric

CUSTOM OPTION

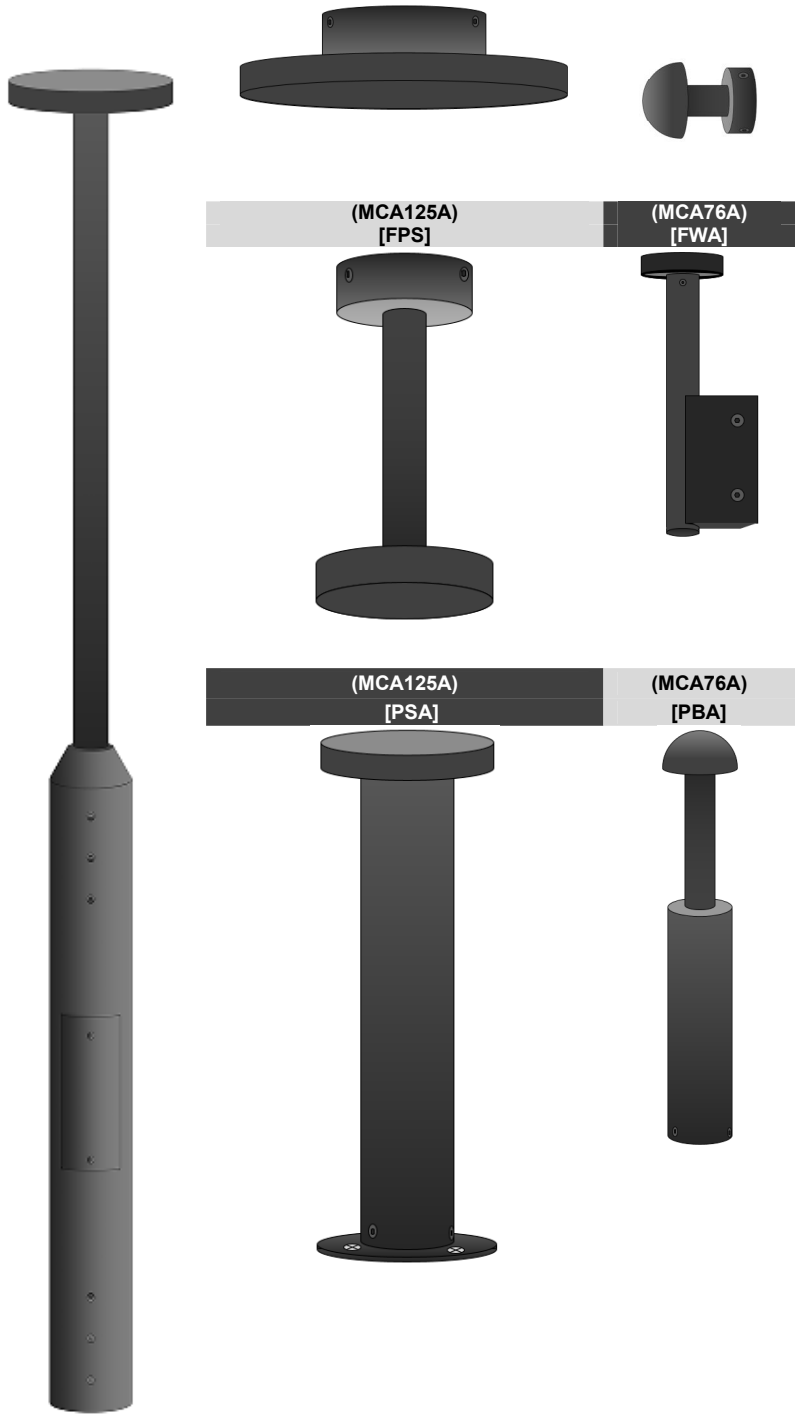
LED CCT: 1,600K~10,000K/R/G/B/Y
 [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)
 [WM40C]: Working Temperature -40°C~50°C
 [SFH]: Custom Housing Finish by RAL Code

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]
GTG5501A-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				
GTG5501A-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				
GTG5501A-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				
GTG5501A-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				
GTG5501A-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				
GTG5501A-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				
GTG5501A-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				
GTG5501A-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	> 0.9				
GTG5501A-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				
GTG5501A-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]		
GTG5501A-MCA76A2B	6W [3W]	6x2W SMD3030	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
GTG5501A-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			
GTG5501A-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			
GTG5501A-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			
GTG5501A-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			
GTG5501A-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			
GTG5501A-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			
GTG5501A-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			
GTG5501A-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			
GTG5501A-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			

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

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

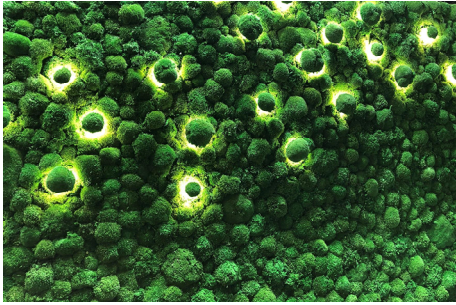
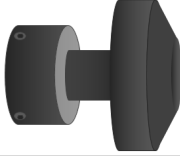
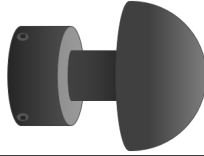
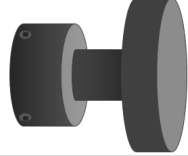

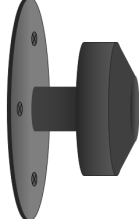
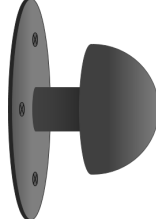
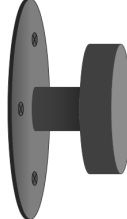
NOTE:

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.

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.


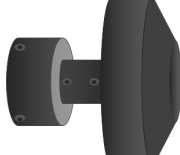
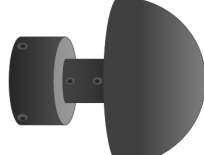
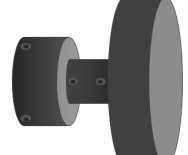


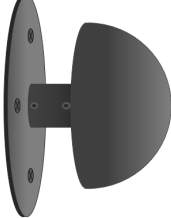
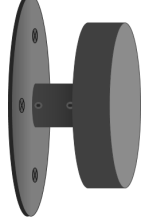
CASE STUDY:



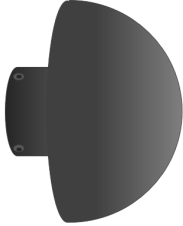
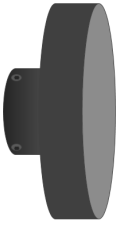
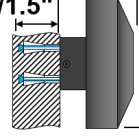
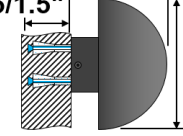
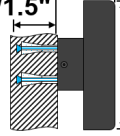
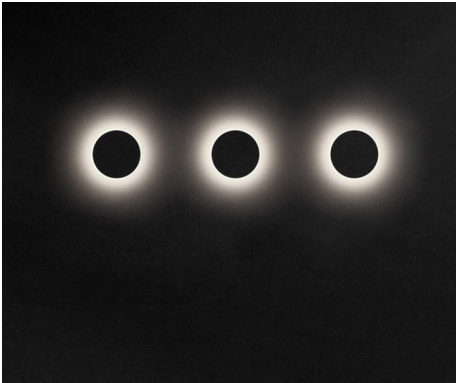

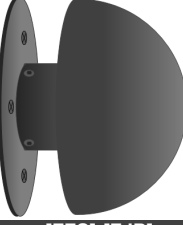

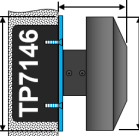
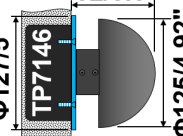
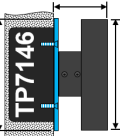
	(MCA76A)-[MTT]	(MCA76A)-[MTD]	(MCA76A)-[MTF]
	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 88/3.5" Φ76/3"	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 88/3.5" Φ76/3"	 [FFS]-[FBB]-[FNE] [FNE] 38/1.5" 76/3" Φ76/3"
CASE STUDY:	(MCA76A)-[MTT]	(MCA76A)-[MTD]	(MCA76A)-[MTF]
	 [FFS]-[FJP] 67/2.64" Φ127/5" TP7146 Φ76/3"	 [FFS]-[FJP]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

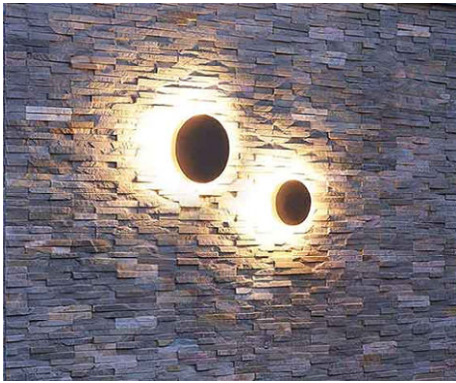

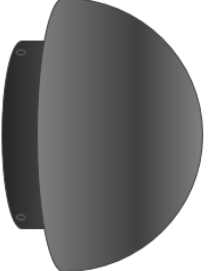
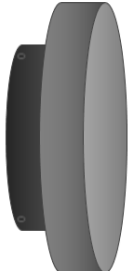
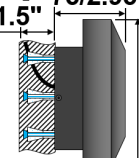
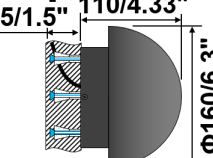
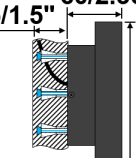
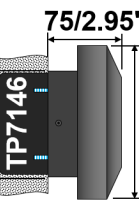
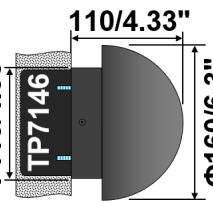
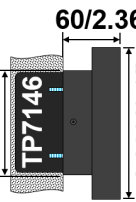
DIMENSION:[UNIT: MM] (MCA95A)-[FFS] Flush Surface Mounted Light

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"
CASE STUDY:	(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"

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

DIMENSION:[UNIT: MM]		(MCA160A)-[FFS] Flush Surface Mounted Light		
NOTES:	LED driver (≤12W) 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:	(MCA160A)-[MTT]	(MCA160A)-[MTD]	(MCA160A)-[MTF]	
				
	[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" $\Phi 110/4.33"$  $\Phi 160/6.3"$	[FFS]-[FJP] 110/4.33" $\Phi 110/4.33"$  $\Phi 160/6.3"$	[FFS]-[FJP] 60/2.36" $\Phi 110/4.33"$  $\Phi 160/6.3"$	


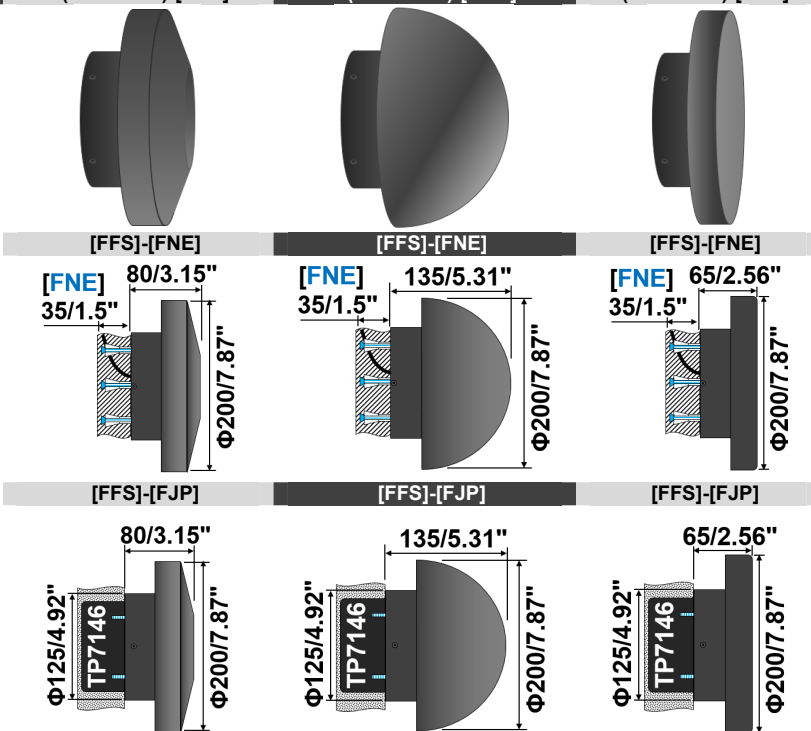
SPECIFICATION

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.


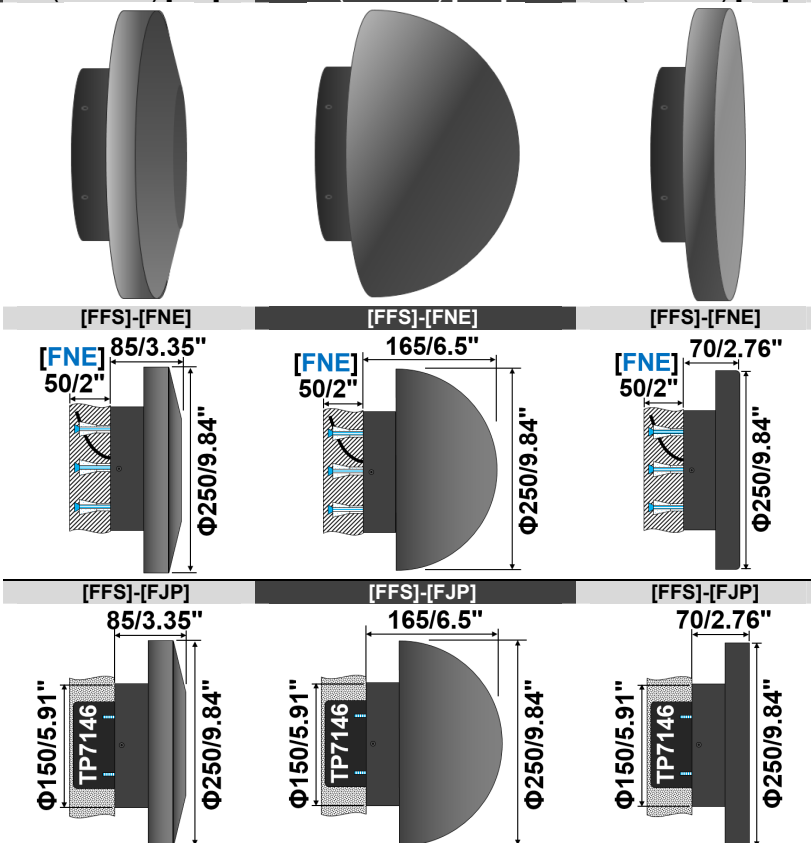
CASE STUDY: (MCA200A)-[MTT] (MCA200A)-[MTD] (MCA200A)-[MTF]

(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]

SPECIFICATION


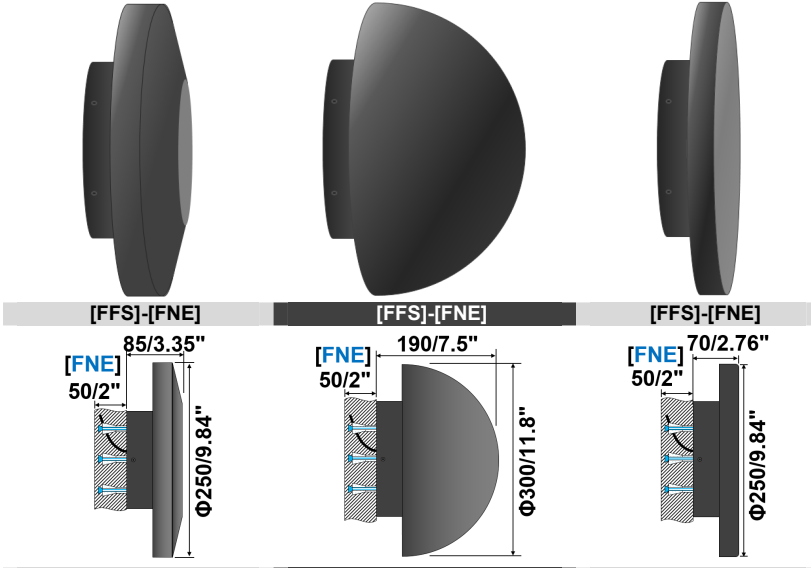
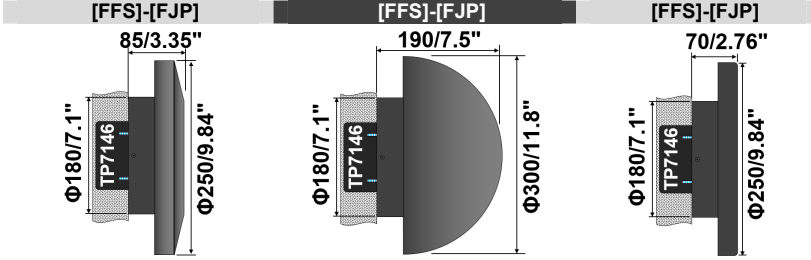
GTG5501A-MCA: LED GARDEN LIGHT

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]

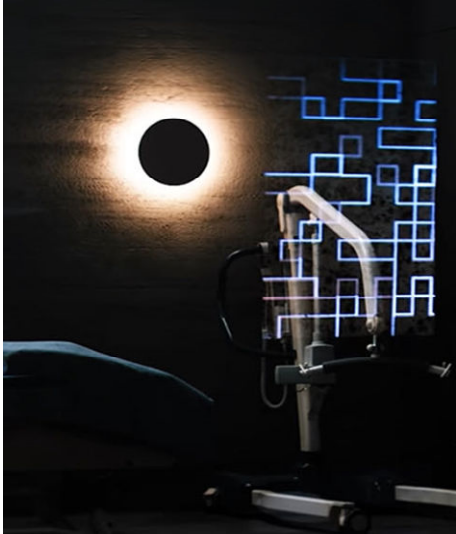
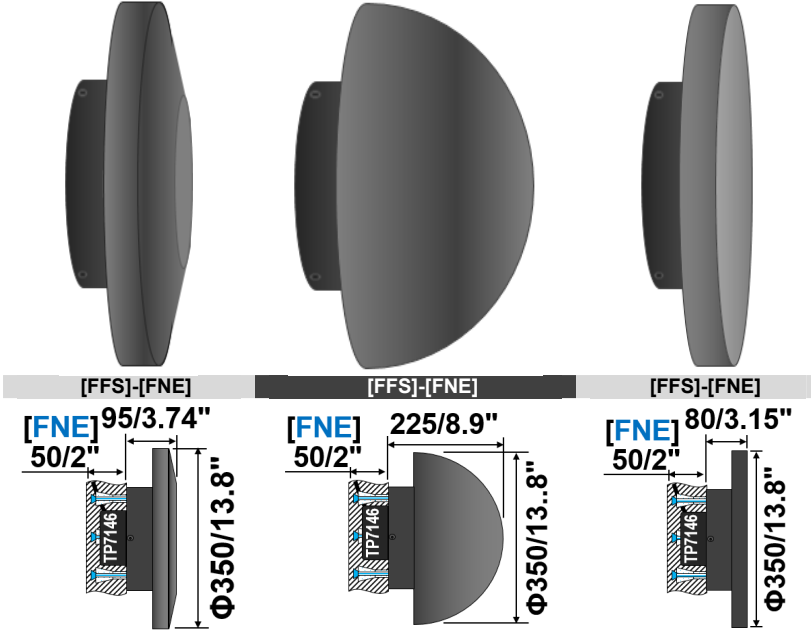




DIMENSION:[UNIT: MM] (MCA350A)-[FFS] Flush Surface Mounted Light

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


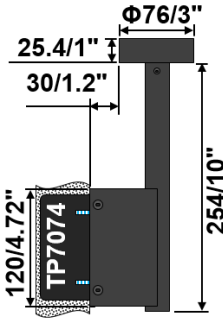
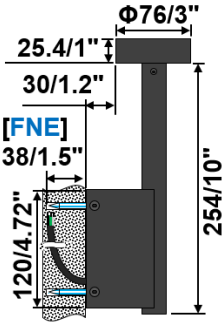
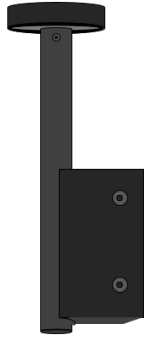

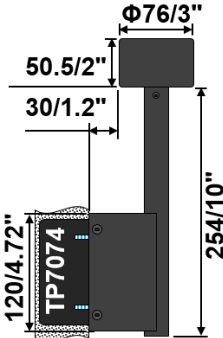
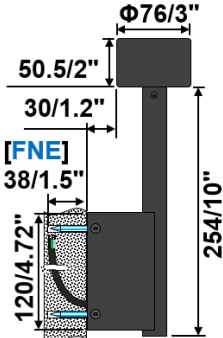
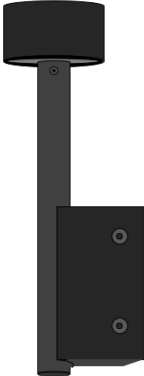
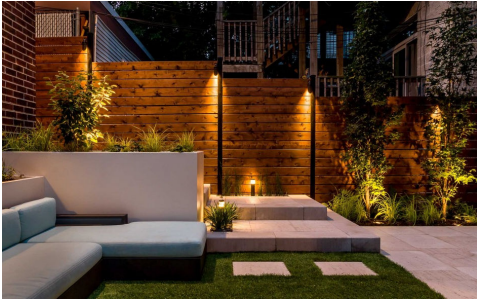
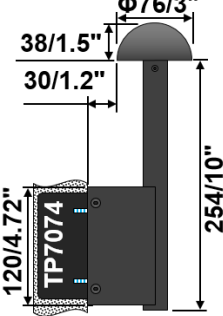
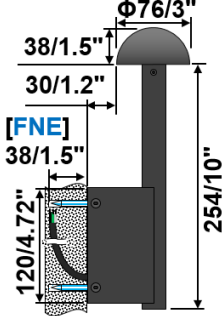
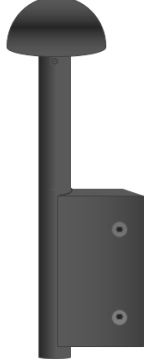
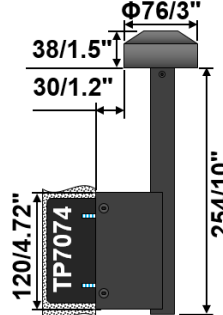
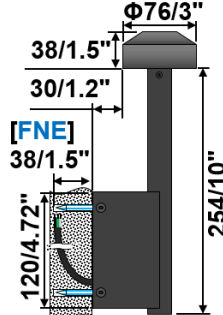

NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

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]
				
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA76A)-[MTF]
				
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	[FWA]-[FNE]	(MCA76A)-[MTD]
				
CASE STUDY:	[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.		[FWA]-[FJP]	[FWA]-[FNE]	(MCA95A)-[MTF]
CASE STUDY:		[FWA]-[FJP]	[FWA]-[FNE]	(MCA95A)-[MTF]


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]

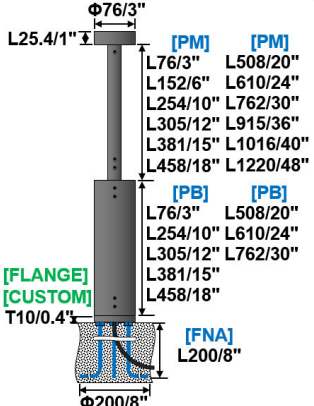
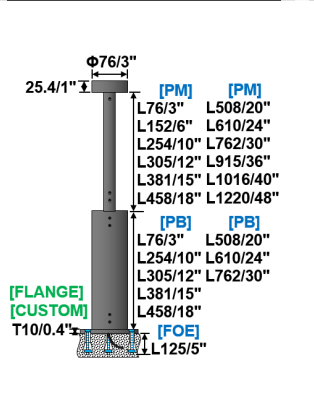
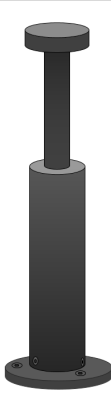
DIMENSION:[UNIT: MM]		(MCA160A)-[FWA] Wall Surface Mounted Light	
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	(MCA160A)-[MTF]
CASE STUDY:	[FWA]-[FNA]	[FWA]-[FNE]	(MCA160B)-[MTF]
CASE STUDY:	[FWA]-[FJP]	[FWA]-[FNE]	(MCA160A)-[MTD]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

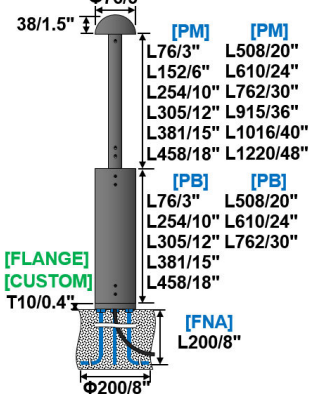
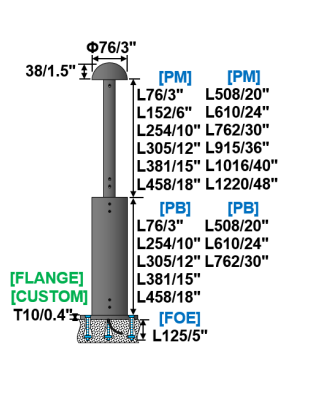
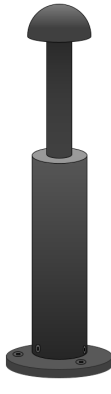
CASE STUDY: 

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

(MCA76A)-[PBA] BOLLARD Light

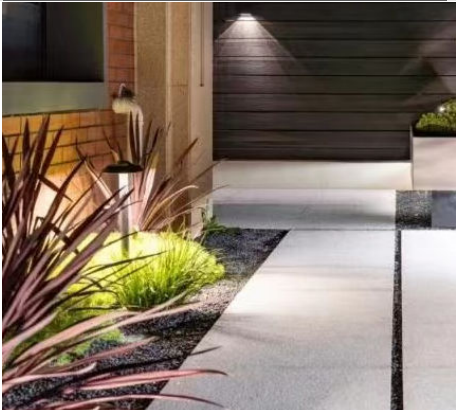
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.
 NOTES: Total Height of Poles need be lower than 1600mm/63"
 NOTES: When "PB-L76mm" the led driver need be remote outside the bollard.

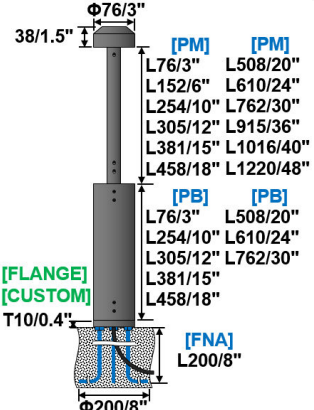
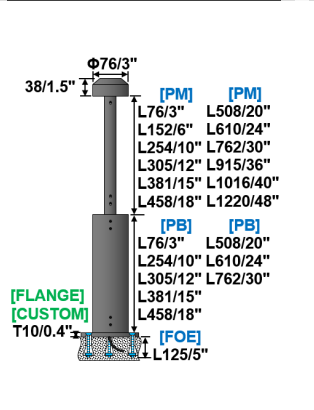
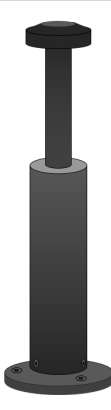
CASE STUDY: 

[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.


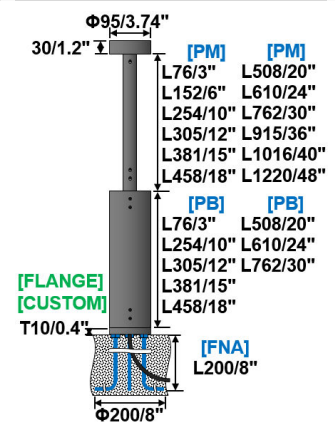
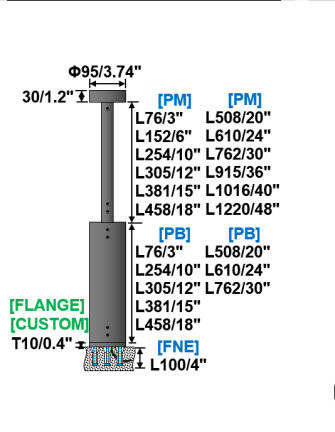
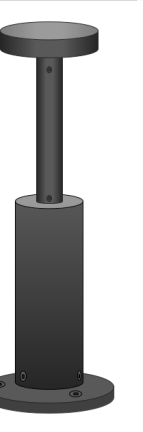
CASE STUDY: 

[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.


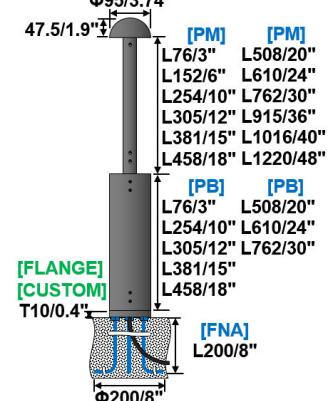
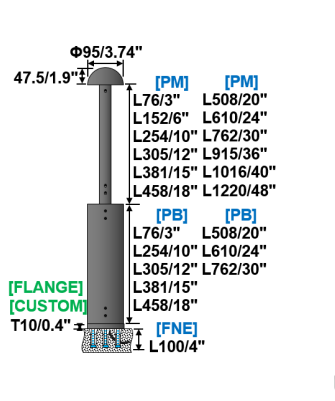
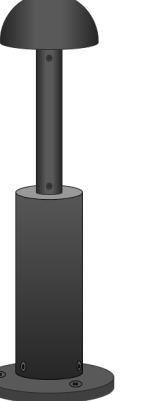
CASE STUDY: [PBA]-[FNE] [PBA]-[FNE] (MCA95A)-[MTF]

(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.


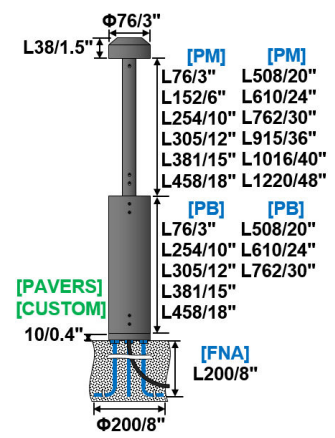
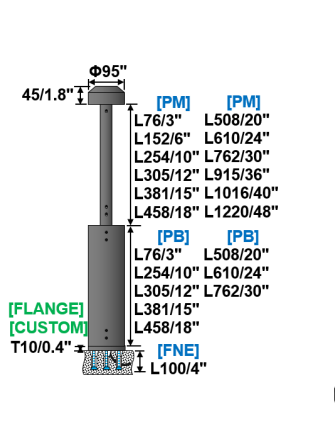
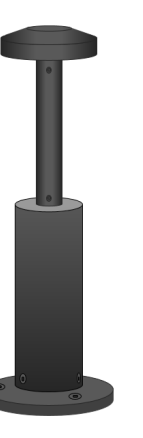
CASE STUDY: [PBA]-[FNE] [PBA]-[FNE] (MCA95A)-[MTD]


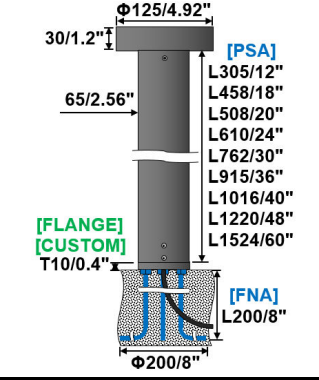
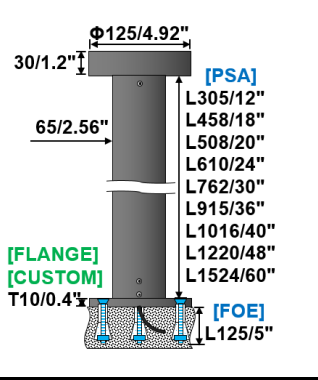
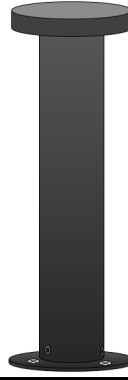






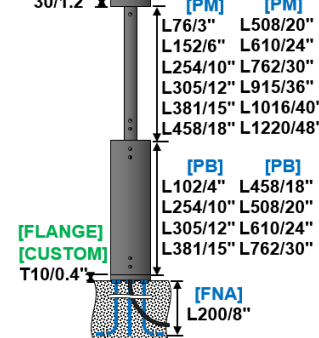
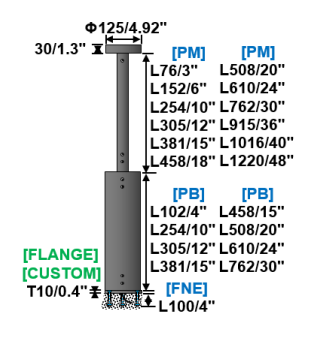
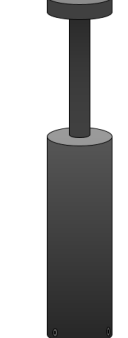
(MCA95A)-[PBA] BOLLARD Light


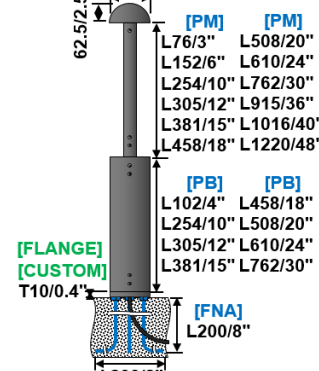
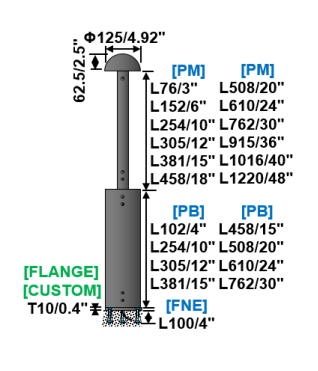
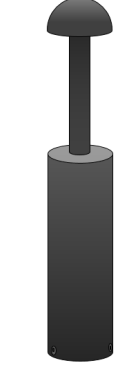
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.
 NOTES: Total Height of Poles need be lower than 1600mm/63"
 NOTES: When "PB-L76mm" the led driver need be remote outside the bollard.


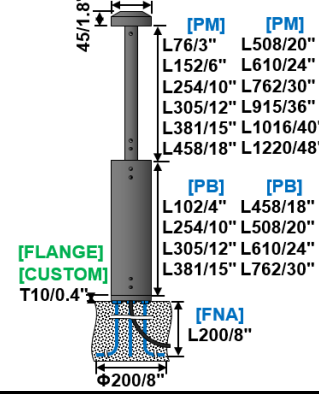
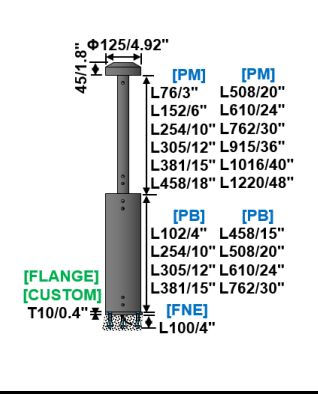
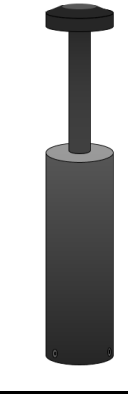
CASE STUDY: [PBA]-[FNE] [PBA]-[FNE] (MCA95A)-[MTT]


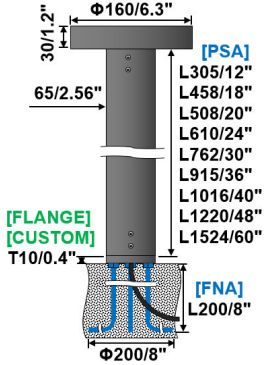
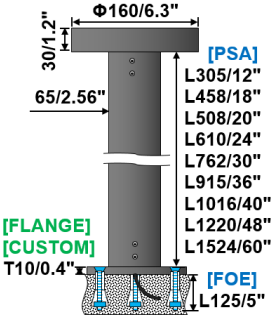
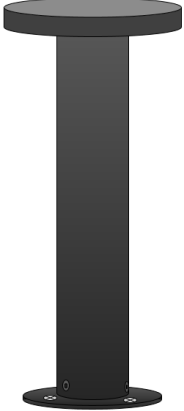





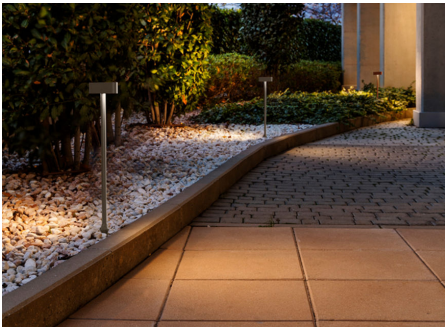
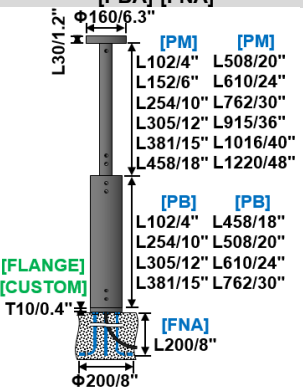
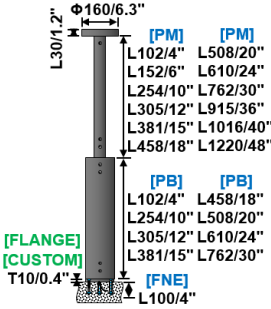


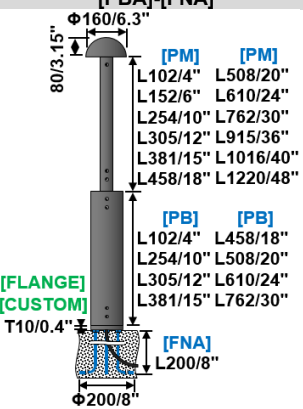
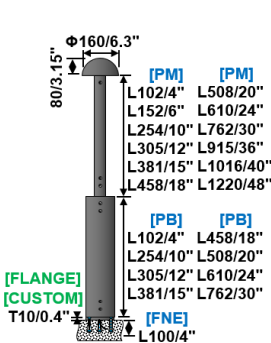


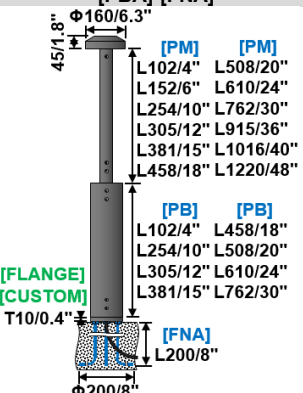
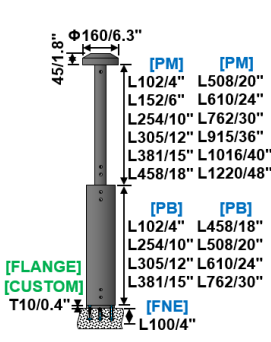
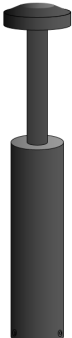
DIMENSION:[UNIT: MM]		(MCA125A)-[PSA] BOLLARD Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
CASE STUDY:	[PSA]-[FNA]	[PSA]-[FOE]	(MCA125A)-[MTF]	
				


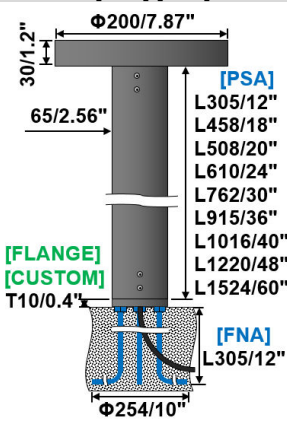
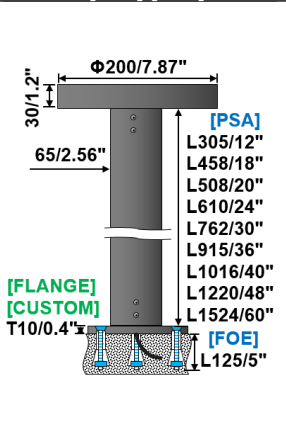
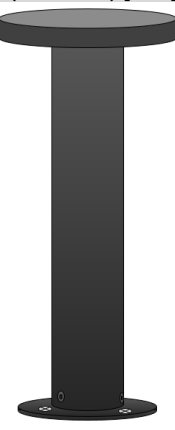
DIMENSION:[UNIT: MM]		(MCA125A)-[PBA] BOLLARD Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
NOTES:	Total Height of Poles need be lower than 1600mm/63"			
NOTES:	When "PB-L102mm/254mm" the led driver need be remote outside the bollard.			
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	(MCA125A)-[MTF]	
				

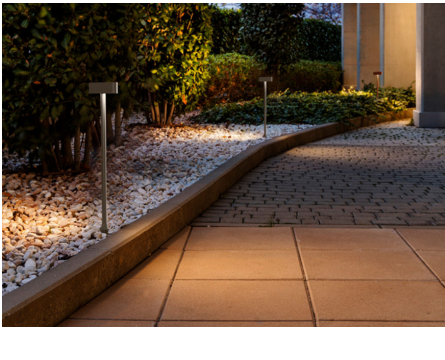
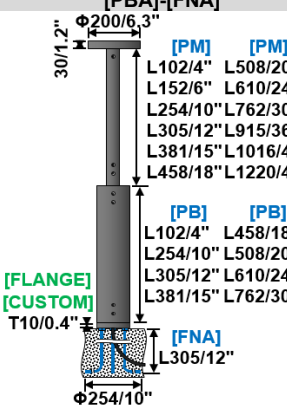
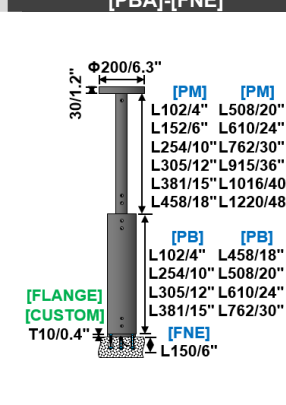
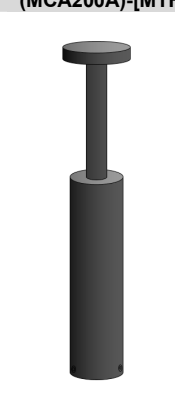
DIMENSION:[UNIT: MM]		(MCA125A)-[MTD]		
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	(MCA125A)-[MTD]	
				


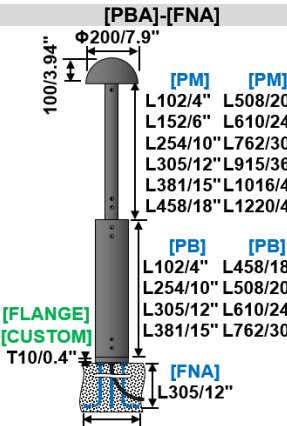
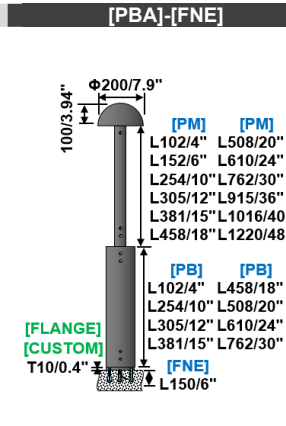
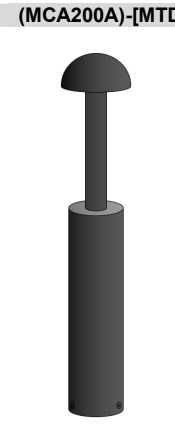
DIMENSION:[UNIT: MM]		(MCA125A)-[MTT]		
CASE STUDY:	[PBA]-[FNA]	[PBA]-[FNE]	(MCA125A)-[MTT]	
				


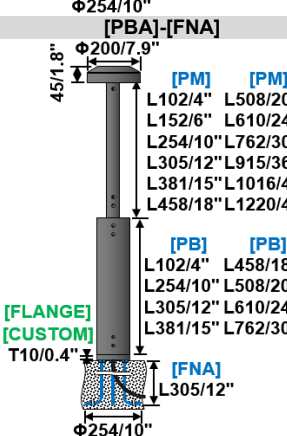
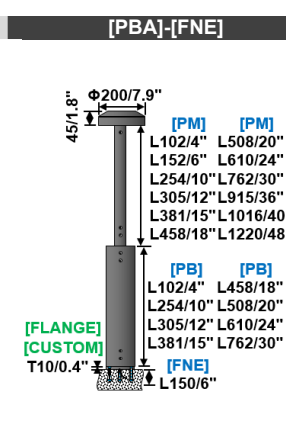
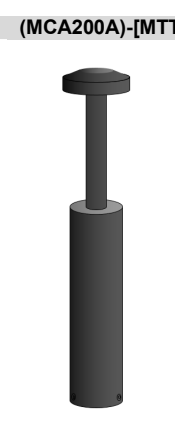
DIMENSION:[UNIT: MM]		(MCA160A)-[PSA] BOLLARD Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
CASE STUDY:	[PSA]-[FNA]	[PSA]-[FOE]	(MCA160A)-[MTF]	
				


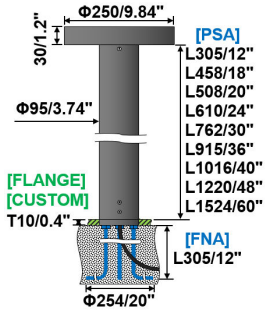
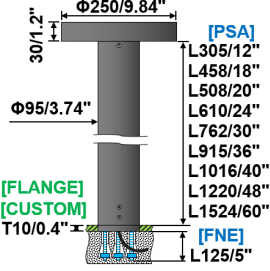
DIMENSION:[UNIT: MM]		(MCA160A)-[PBA] BOLLARD Light		
NOTES:	Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.			
NOTES:	Total Height of Poles need be lower than 1600mm/63"			
NOTES:	When "PB-L102mm/254mm" the led driver need be remote outside the bollard.			
CASE STUDY: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

DIMENSION:[UNIT: MM]		(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] BOLLARD Light		
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] BOLLARD Light		
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> $\Phi 250/9.84''$ 30/1.2" $\Phi 95/3.74''$ [FLANGE] [CUSTOM] T10/0.4" $\Phi 254/20''$ </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> $\Phi 250/9.84''$ 30/1.2" $\Phi 95/3.74''$ [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>	