

INTRODUCTION

FEATURE

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

MAIN MATERIAL

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

INSTALLATION

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

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

STANDARD

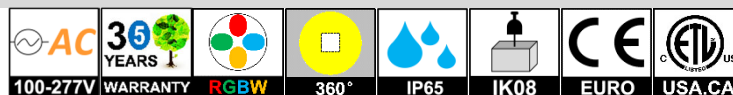
Designed and Manufactured to Comply with
CE/RoHS/CB/cETL/SAA/SASO Standard
IP65 Protection, Class I Electric

CUSTOM OPTIONS

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

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

TARA: LED GARDEN LIGHT



EXAMPLE OF LED MODULE [BDM-L305]

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



Custom Fixing Kits

[MTF]
[FFS]

[MTF]
[FFS]

[MTF]
[PSA]

[MTT]
[PSA]

[MTF]
[PSA]

[MTD]
[FWA]

Custom Roof Profile

[MTF]
Flat Roof

[MTD]
Dome Roof

[MTT]
Tilt Roof



TARA-MCA160A: LED GARDEN LIGHT

SPECIFICATION

MODEL	POWER [W]	LED TYPE	CCT [K]		CRI	FLUX [LM]	POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
TARA-MCA160A-BMD-L305A	20W [30W] [50W]	180x0.5W SMD2835	G3000K		RA90	1800	> 0.9	[BDM] 360°	Following by Remote Driver [Inside Bollard]	AC100~277V [AC220~240V] [AC100~240V] [AC100~347V] 50/60Hz [CV DC12V] [CV DC24V] [CV DC42V]
			G4000K		RA90	1910				
			G5000K		RA90	1910				
			H2700K		RA97	1380	> 0.9			
			H3000K		RA97	1480				
			H3500K		RA97	1480				
			H4000K		RA97	1580				
			H5000K		RA97	1580				
	2C@20W	TWH	H2700K	H5700K	RA97	1380	> 0.9			
	4C@20W	RGBW	620nm 520nm 460nm H2700K	\	1380	> 0.9				
TARA-MCA160A-BMD-L458A	30W [50W] [75W]	240x0.5W SMD2835	G3000K		RA90	2520	> 0.9			
			G4000K		RA90	2670				
			G5000K		RA90	2670				
			H2700K		RA97	1930	> 0.9			
			H3000K		RA97	2070				
			H3500K		RA97	2070				
			H4000K		RA97	2220				
			H5000K		RA97	2220				
	2C@30W	TWH	H2700K	H5700K	RA97	1930	> 0.9			
	4C@30W	RGBW	620nm 520nm 460nm H2700K	\	1930	> 0.9				
TARA-MCA160A-BMD-L610A	50W [75W] [100W]	540x0.5W SMD2835	G3000K		RA90	4320	> 0.9			
			G4000K		RA90	4570				
			G5000K		RA90	4570				
			H2700K		RA90	3300	> 0.9			
			H3000K		RA90	3560				
			H3500K		RA90	3560				
			H4000K		RA90	3810				
			H5000K		RA90	3810				
	2C@50W	TWH	H2700K	H5700K	RA90	3300	> 0.9			
	4C@50W	RGBW	620nm 520nm 460nm H2700K	\	3300	> 0.9				
TARA-MCA160A-BMD-L915A	60W [75W] [100W] [120W]	720x0.5W SMD2835	G3000K		RA90	5400	> 0.9			
			G4000K		RA90	5720				
			G5000K		RA90	5720				
			H2700K		RA97	4130	> 0.9			
			H3000K		RA97	4450				
			H3500K		RA97	4450				
			H4000K		RA97	4760				
			H5000K		RA97	4760				
	2C@50W	TWH	H2700K	H5700K	RA97	4130	> 0.9			
	4C@50W	RGBW	620nm 520nm 460nm H2700K	\	4130	> 0.9				
TARA-MCA160A-BMD-L1220A	75W [100W] [120W] [150W]	900x0.5W SMD2835	G3000K		RA90	6750	> 0.9			
			G4000K		RA90	7210				
			G5000K		RA90	7210				
			H2700K		RA97	5100	> 0.9			
			H3000K		RA97	5530				
			H3500K		RA97	5530				
			H4000K		RA97	5950				
			H5000K		RA97	5950				
	2C@80W	TWH	H2700K	H5700K	RA97	5100	> 0.9			
	4C@80W	RGBW	620nm 520nm 460nm H2700K	\	5100	> 0.9				
TARA-MCA160A-BMD-L1525A	100W [120W] [150W] [180W]	1080x0.5W SMD2835	G3000K		RA90	9000	> 0.9			
			G4000K		RA90	9530				
			G5000K		RA90	9530				
			H2700K		RA97	6880	> 0.9			
			H3000K		RA97	7410				
			H3500K		RA97	7410				
			H4000K		RA97	7940				
			H5000K		RA97	7940				
	2C@100W	TWH	H2700K	H5700K	RA97	6880	> 0.9			
	4C@100W	RGBW	620nm 520nm 460nm H2700K	\	6880	> 0.9				
TARA-MCA160A-BMD-L1830A	120W [150W] [200W] [240W]	1440x0.5W SMD2835	G3000K		RA90	10160	> 0.9			
			G4000K		RA90	10800				
			G5000K		RA90	11430				
			H2700K		RA97	8260	> 0.9			
			H3000K		RA97	8890				
			H3500K		RA97	8890				
			H4000K		RA97	9530				
			H5000K		RA97	9530				
	2C@100W	TWH	H2700K	H5700K	RA97	8260	> 0.9			
	4C@100W	RGBW	620nm 520nm 460nm H2700K	\	8260	> 0.9				
TARA-MCA160A-BMD-L2440A	150W [200W] [240W] [300W]	1440x0.5W SMD2835	G3000K		RA90	1350	> 0.9			
			G4000K		RA90	14220				
			G5000K		RA90	14220				
			H2700K		RA97	10200	> 0.9			
			H3000K		RA97	11060				
			H3500K		RA97	11060				
			H4000K		RA97	11900				
			H5000K		RA97	11900				
	2C@150W	TWH	H2700K	H5700K	RA97	10200	> 0.9			
	4C@150W	RGBW	620nm 520nm 460nm H2700K	\	10200	> 0.9				

NOTE:

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

TARA-MCA160A: LED GARDEN LIGHT

SPECIFICATION

[FFS] Flush Surface Mounted Light

DIMENSION:[UNIT: MM]

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

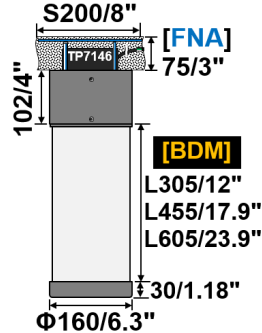
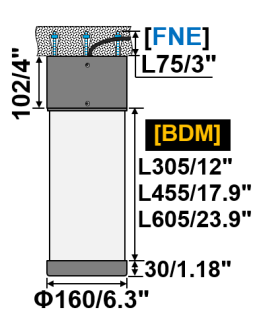
NOTES: Customs Cage Masks Referred to Another Specifications.

(MCA160A)-[MTF]

[FNE]

[FNA]

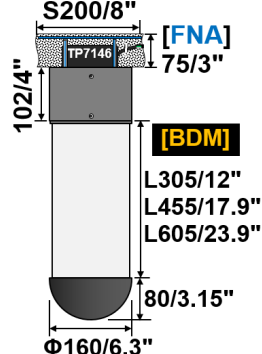
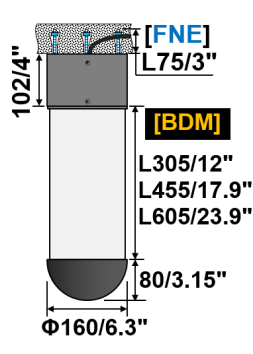
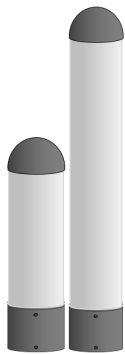
CAST STUDY



(MCA160A)-[MTD]

[FNE]

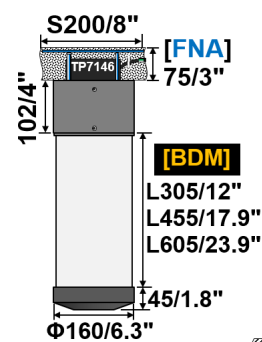
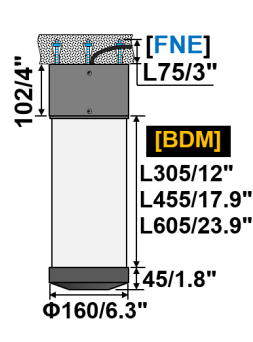
[FNA]



(MCA160A)-[MTT]

[FNE]

[FNA]



[FWA] Wall Surface Mounted Light

DIMENSION:[UNIT: MM]

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

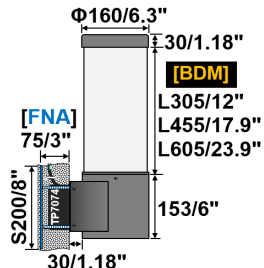
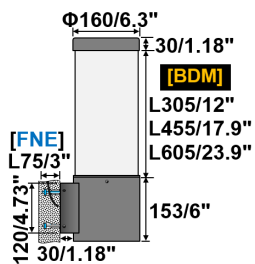
NOTES: Customs Cage Masks Referred to Another Specifications.

(MCA160A)-[MTF]

[FNE]

[FNA]

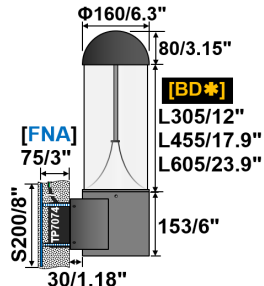
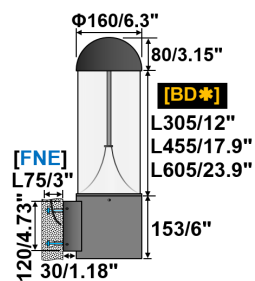
CAST STUDY



(MCA160A)-[MTD]

[FNE]

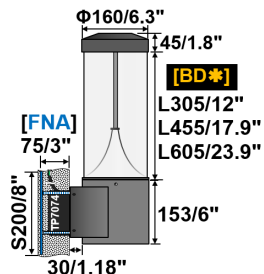
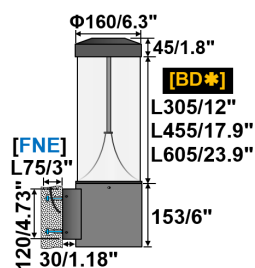
[FNA]

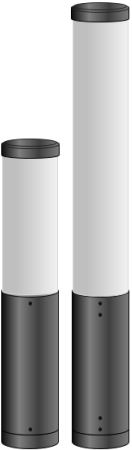
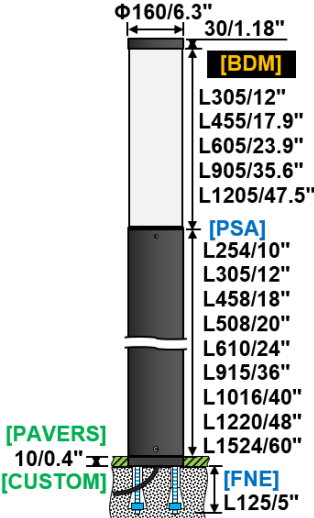
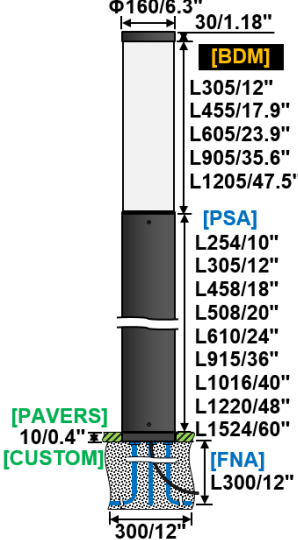
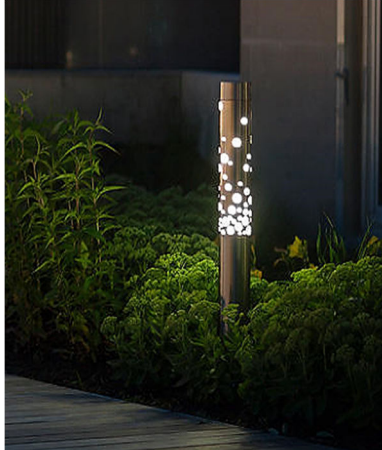
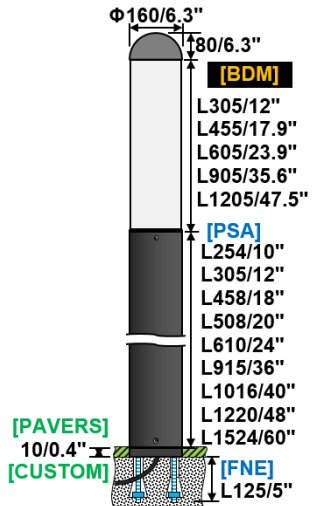
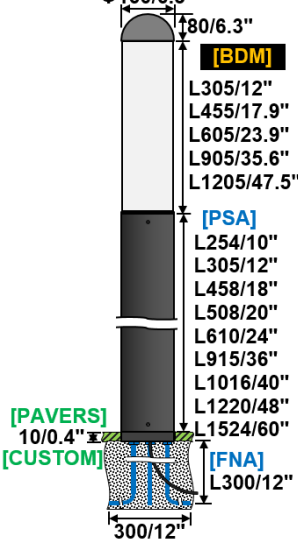
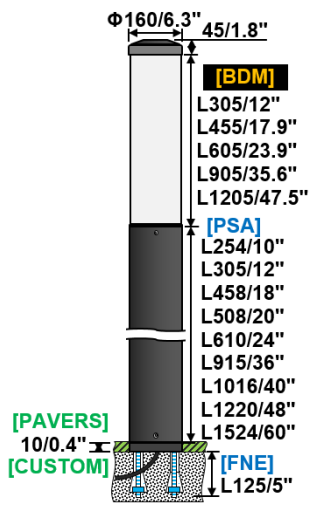
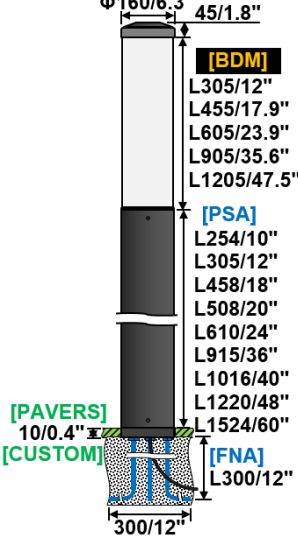


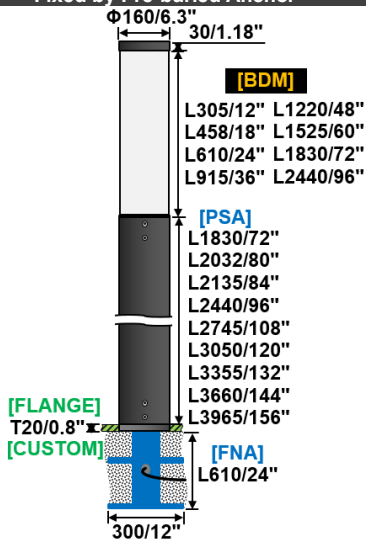
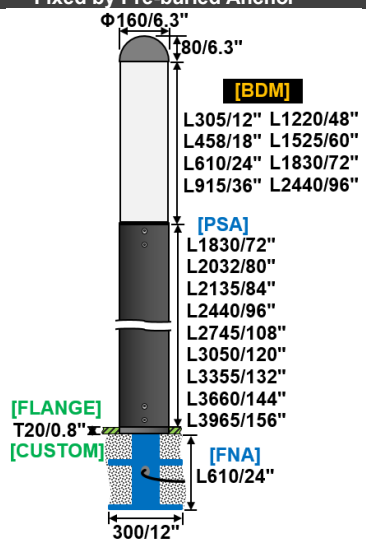
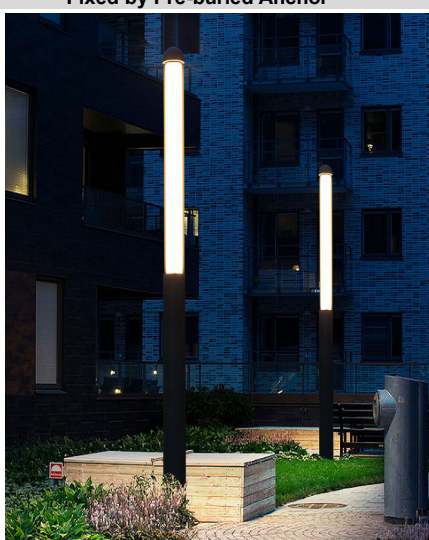
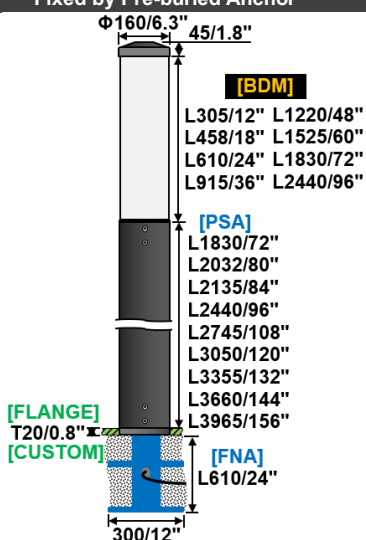
(MCA160A)-[MTT]

[FNE]

[FNA]



[PSA] Bollard Light			DIMENSION:[UNIT: MM]
NOTES: Bollard Length lower than L305mm/12" need to use the remote led driver. NOTES: Customs Cage Masks Referred to Another Specifications. NOTES: Total Height need be lower than 1600mm/63"			
(MCA160A)-[MTF]	Dimension for [PSA]-[FNE] Fixed by Expansion Bolts	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	CASE STUDY
	 $\Phi 160/6.3"$ $30/1.18"$ [BDM] L305/12" L455/17.9" L605/23.9" L905/35.6" L1205/47.5" [PSA] L254/10" L305/12" L458/18" L508/20" L610/24" L915/36" L1016/40" L1220/48" L1524/60" [PAVERS] 10/0.4" [CUSTOM] [FNE] L125/5"	 $\Phi 160/6.3"$ $30/1.18"$ [BDM] L305/12" L455/17.9" L605/23.9" L905/35.6" L1205/47.5" [PSA] L254/10" L305/12" L458/18" L508/20" L610/24" L915/36" L1016/40" L1220/48" L1524/60" [PAVERS] 10/0.4" [CUSTOM] [FNA] L300/12" $300/12"$	
(MCA160A)-[MTD]	Dimension for [PSA]-[FNE] Fixed by Expansion Bolts	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	CASE STUDY
	 $\Phi 160/6.3"$ $80/6.3"$ [BDM] L305/12" L455/17.9" L605/23.9" L905/35.6" L1205/47.5" [PSA] L254/10" L305/12" L458/18" L508/20" L610/24" L915/36" L1016/40" L1220/48" L1524/60" [PAVERS] 10/0.4" [CUSTOM] [FNE] L125/5"	 $\Phi 160/6.3"$ $80/6.3"$ [BDM] L305/12" L455/17.9" L605/23.9" L905/35.6" L1205/47.5" [PSA] L254/10" L305/12" L458/18" L508/20" L610/24" L915/36" L1016/40" L1220/48" L1524/60" [PAVERS] 10/0.4" [CUSTOM] [FNA] L300/12" $300/12"$	
(MCA160A)-[MTT]	Dimension for [PSA]-[FNE] Fixed by Expansion Bolts	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor	CASE STUDY
	 $\Phi 160/6.3"$ $45/1.8"$ [BDM] L305/12" L455/17.9" L605/23.9" L905/35.6" L1205/47.5" [PSA] L254/10" L305/12" L458/18" L508/20" L610/24" L915/36" L1016/40" L1220/48" L1524/60" [PAVERS] 10/0.4" [CUSTOM] [FNE] L125/5"	 $\Phi 160/6.3"$ $45/1.8"$ [BDM] L305/12" L455/17.9" L605/23.9" L905/35.6" L1205/47.5" [PSA] L254/10" L305/12" L458/18" L508/20" L610/24" L915/36" L1016/40" L1220/48" L1524/60" [PAVERS] 10/0.4" [CUSTOM] [FNA] L300/12" $300/12"$	

[PSA] Tall Bollard Light		DIMENSION:[UNIT: MM]
NOTES: Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.		
NOTES: Customs Cage Masks Referred to Another Specifications.		
NOTES: Total Height need be lower than 4900mm/192"/16'.		
(MCA160A)-[MTF]	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor 	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor 
(MCA160A)-[MTD]	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor 	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor 
(MCA160A)-[MTT]	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor 	Dimension for [PSA]-[FNA] Fixed by Pre-buried Anchor 

SPECIFICATION

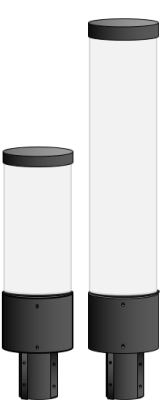
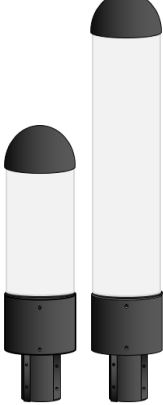
TARA-MCA: ROUND LED GAREN LIGHT

[FSC]: Slip Fitter, Post Top Light

DIMENSION:[UNIT: MM]

NOTES: Customs Cage Masks Referred to Another Specifications.

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

(MCA160A)-[MTF]	(MCA160A)-[MTD]	(MCA160A)-[MTT]
 $\Phi 160/6.3''$ $30/1.18''$ [BDM] L305/12" L458/18" L610/24" L915/36" $127/5''$ $102/4''$ [FSC60A]:$\Phi 60/2.56''$ [FSC76A]:$\Phi 76/3''$ [FSC89A]:$\Phi 89/3.5''$ [FSC102A]:$\Phi 102/4''$	 $\Phi 160/6.3''$ $80/3.15''$ [BDM] L305/12" L458/18" L610/24" L915/36" $127/5''$ $102/4''$ [FSC60A]:$\Phi 60/2.56''$ [FSC76A]:$\Phi 76/3''$ [FSC89A]:$\Phi 89/3.5''$ [FSC102A]:$\Phi 102/4''$	 $\Phi 160/6.3''$ $45/1.8''$ [BDM] L305/12" L458/18" L610/24" L915/36" $127/5''$ $102/4''$ [FSC60A]:$\Phi 60/2.56''$ [FSC76A]:$\Phi 76/3''$ [FSC89A]:$\Phi 89/3.5''$ [FSC102A]:$\Phi 102/4''$

[FSC] Post Top Light

CAST STUDY

(MCA160A)-[BDM-L458]



(MCA160A)-[BDM-L610]

