

INTRODUCTION

FEATURE

GUBO Unique Modular Waterproof Design
Multiple Accessories for Optimized 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 PMMA Lens
Diffuser: Clear Tempered Glass

INSTALLATION

Suitable for Interior & Exterior Lighting

[FFS]: Flush Surface Mounted

[FPS]: Stem Pendant

[FPC]: Catenary Pendant

[FWA]: 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 III Electric

OPTIONS

LED CCT: 1,800K~10,000K/R/G/B/Y

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

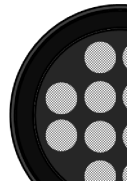
Custom Housing Finish: Colors by RAL Code

WHITE	BLACK	GREY	DARK GREY	BRASS
RAL9010P	RAL9005P	RAL7042P	RAL7016P	RAL1024P
				

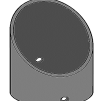
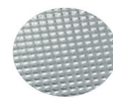
GTG2104A-MC: LED GARDEN LIGHT

							
(MCA25A2A)				(MCA35A2A)		(MCA35A2B)	

			
(MCA50A2A)	(MCA50A2B)	(MCA65A2A)	(MCB65A2B)
			
(MCA90A2A)		(MCA90A2A)	(MCB90A2B)

	
(MCA90A2A)	(MCB90A2B)

OPTIONAL ACCESSOIRES

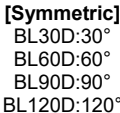
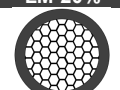
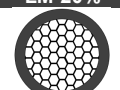
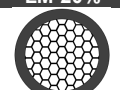
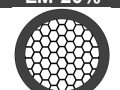
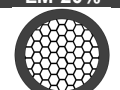
[BGL] Louver	[BGG] Protection Grid	[BGSB] Bevel Shiled	[BGSC] Cylinder Shiled	[BDF] FROSTED	[BDP] PRISMATIC
					

[BGC] Custom Lighting Guide Column

[BGCC] Clear	[BGCF] Frosted	[BGCB] Clear Bulbble	[BGCS] Clear Stripe	DIMENSION: [UNIT: MM]	
					L25/1" L51/2" L76/3" L102/4" L152/6" L254/10" L381/15" L458/18"

GTG2104A-MCA: LED GARDEN LIGHT

SPECIFICATION

MODEL	POWER 【W】	LED TYPE	CCT 【K】		CRI	FLUX 【LM】	POWER FACTOR	BEAM ANGLE	REMOTE CONTROL	INPUT 【V】
GTG2104A- -MCA25A2A	3W	3x2W SMD3030	E2700K		RA80	280	>0.5	 [Symmetric] BL30D:30° BL60D:60° BL90D:90° BL120D:120°  [Frosted] BDF:120°  [Prismatic] BDP:110°  [Louver] BGL LM-20%	[CDP]:PWM(1%) [Following by Remote Driver] [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	CV DC24V [CV DC12V] [CV DC36V] [CV DC48V]
			E3000K		RA80	300				
			E3500K		RA80	300				
			E4000K		RA80	320				
			E5000K		RA80	320				
	3W	3x2W SMD3030	E6500K		RA80	310	>0.5			
			G2700K		RA90	220				
			G3000K		RA90	235				
			G3500K		RA90	235				
			G4000K		RA90	250				
2C@3W	TWG	G5000K		RA90	250	>0.4				
		G6500K		RA90	240					
		G2700K		G6500K	RA90		230			
		620nm		520nm	460nm		\	230		
		620nm		520nm	460nm		2700K	\	230	
4C@3W	RGBW	620nm		520nm	460nm	2700K	\	230	>0.4	
		620nm		520nm	460nm	590nm	\	200		
		620nm		520nm	460nm	\	400			
		620nm		520nm	460nm	\	400			
		620nm		520nm	460nm	590nm	\	370		
GTG2104A- -MCA35A2A	6W	6x2W SMD3030	E2700K		RA80	580	>0.5	 [Frosted] BDF:120°  [Prismatic] BDP:110°  [Louver] BGL LM-20%	[CDP]:PWM(1%) [Following by Remote Driver] [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	CV DC24V [CV DC12V] [CV DC36V] [CV DC48V]
			E3000K		RA80	610				
			E3500K		RA80	610				
			E4000K		RA80	650				
			E5000K		RA80	650				
	6W	6x2W SMD3030	E6500K		RA80	630	>0.5			
			G2700K		RA90	460				
			G3000K		RA90	500				
			G3500K		RA90	500				
			G4000K		RA90	530				
2C@6W	TWG	G5000K		RA90	530	>0.4				
		G6500K		RA90	520					
		G2700K		G6500K	RA90		400			
		620nm		520nm	460nm		\	400		
		620nm		520nm	460nm		2700K	\	400	
4C@6W	RGBW	620nm		520nm	460nm	2700K	\	400	>0.4	
		620nm		520nm	460nm	590nm	\	370		
		620nm		520nm	460nm	\	400			
		620nm		520nm	460nm	\	400			
		620nm		520nm	460nm	590nm	\	370		
GTG2104A- -MCA50A2A	10W [6W]	12x2W SMD3030	E2700K		RA80	1000	>0.5	 [Frosted] BDF:120°  [Prismatic] BDP:110°  [Louver] BGL LM-20%	[CDP]:PWM(1%) [Following by Remote Driver] [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	CV DC24V [CV DC12V] [CV DC36V] [CV DC48V]
			E3000K		RA80	1060				
			E3500K		RA80	1060				
			E4000K		RA80	1120				
			E5000K		RA80	1120				
	10W [6W]	12x2W SMD3030	E6500K		RA80	1100	>0.5			
			G2700K		RA90	800				
			G3000K		RA90	860				
			G3500K		RA90	860				
			G4000K		RA90	920				
2C@10W	TWG	G5000K		RA90	920	>0.5				
		G6500K		RA90	900					
		G2700K		G6500K	RA90		720			
		620nm		520nm	460nm		\	720		
		620nm		520nm	460nm		2700K	\	720	
4C@10W	RGBW	620nm		520nm	460nm	2700K	\	720	>0.5	
		620nm		520nm	460nm	590nm	\	670		
		620nm		520nm	460nm	\	670			
		620nm		520nm	460nm	\	670			
		620nm		520nm	460nm	590nm	\	670		
GTG2104A- -MCA65A2A	12W	18x2W SMD3030	E2700K		RA80	1150	>0.5	 [Frosted] BDF:120°  [Prismatic] BDP:110°  [Louver] BGL LM-20%	[CDP]:PWM(1%) [Following by Remote Driver] [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	CV DC24V [CV DC12V] [CV DC36V] [CV DC48V]
			E3000K		RA80	1220				
			E3500K		RA80	1220				
			E4000K		RA80	1300				
			E5000K		RA80	1300				
	12W	18x2W SMD3030	E6500K		RA80	1270	>0.5			
			G2700K		RA90	920				
			G3000K		RA90	1000				
			G3500K		RA90	1000				
			G4000K		RA90	1060				
2C@12W	TWG	G5000K		RA90	1060	>0.5				
		G6500K		RA90	1040					
		G2700K		G6500K	RA90		820			
		620nm		520nm	460nm		\	820		
		620nm		520nm	460nm		2700K	\	820	
4C@12W	RGBW	620nm		520nm	460nm	2700K	\	820	>0.5	
		620nm		520nm	460nm	590nm	\	770		
		620nm		520nm	460nm	\	770			
		620nm		520nm	460nm	\	770			
		620nm		520nm	460nm	590nm	\	770		
GTG2104A- -MCA90A2A	18W	36x2W SMD3030	E2700K		RA80	1730	>0.5	 [Frosted] BDF:120°  [Prismatic] BDP:110°  [Louver] BGL LM-20%	[CDP]:PWM(1%) [Following by Remote Driver] [CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)	CV DC24V [CV DC12V] [CV DC36V] [CV DC48V]
			E3000K		RA80	1830				
			E3500K		RA80	1830				
			E4000K		RA80	1940				
			E5000K		RA80	1940				
	18W	36x2W SMD3030	E6500K		RA80	1900	>0.5			
			G2700K		RA90	1380				
			G3000K		RA90	1480				
			G3500K		RA90	1480				
			G4000K		RA90	1600				
2C@18W	TWG	G5000K		RA90	1600	>0.5				
		G6500K		RA90	1560					
		G2700K		G6500K	RA90		1280			
		620nm		520nm	460nm		\	1280		
		620nm		520nm	460nm		2700K	\	1280	
4C@18W	RGBW	620nm		520nm	460nm	2700K	\	1280	>0.5	
		620nm		520nm	460nm	590nm	\	1110		
		620nm		520nm	460nm	\	1110			
		620nm		520nm	460nm	\	1110			
		620nm		520nm	460nm	590nm	\	1110		

NOTE:

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

GTG2104A-MCA: LED GARDEN LIGHT

SPECIFICATION

MODEL	POWER 【W】	LED TYPE	CCT 【K】	CRI	FLUX 【LM】	POWER FACTOR	BEAM ANGLE	REMOTE CONTROL	INPUT 【V】	
GTG2104A- -MCA35A2B	3W [5W]	3x2W SMD3030	E2700K	RA80	280	>0.5	[Symmetric] BL15D:15° BL25D:25° BL30D:30° BL45D:45° BL60D:60° BL90D:90° BL120D:120°			
			E3000K	RA80	300					
			E3500K	RA80	300					
			E4000K	RA80	320					
			E5000K	RA80	320					
	3W [5W]	3x2W SMD3030	E6500K	RA80	310					
			G2700K	RA90	230					
			G3000K	RA90	250					
			G3500K	RA90	250					
			G4000K	RA90	270					
2C@3W	TWG	G5000K	RA90	270						
		G6500K	RA90	260						
		G2700K	G6500K	RA90	160					
		3C@3W	RGB	620nm	520nm	460nm	\	160		
		4C@3W	RGBW	620nm	520nm	460nm	2700K	\	160	
GTG2104A- -MCA50A2B	5W [7W]	5x2W SMD3030	E2700K	RA80	480	>0.5	[Oval] BLV15x45° BLV15x60° BLV20x60°	[CDP]:PWM(1%)		
			E3000K	RA80	510					
			E3500K	RA80	510					
			E4000K	RA80	540					
			E5000K	RA80	540					
	5W [7W]	5x2W SMD3030	E6500K	RA80	530					
			G2700K	RA90	380					
			G3000K	RA90	410					
			G3500K	RA90	410					
			G4000K	RA90	440					
2C@5W	TWG	G5000K	RA90	440						
		G6500K	RA90	430						
		G2700K	G6500K	RA90	260					
		3C@5W	RGB	620nm	520nm	460nm	\	260		
		4C@5W	RGBW	620nm	520nm	460nm	2700K	\	260	
GTG2104A- -MCA65A2B	6W [9W]	6x2W SMD3030	E2700K	RA80	580	>0.5	[Frosted] BDF:120°	[Prismatic] BDP:110°	[Louver] BGL LM-20%	[CDT]:TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDX]:DMX512(1%) [CDA]:DALI(1%) [CDP]:PWM(1%) [CDS]:SPI (1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%)
			E3000K	RA80	610					
			E3500K	RA80	610					
			E4000K	RA80	650					
			E5000K	RA80	650					
	6W [9W]	6x2W SMD3030	E6500K	RA80	640					
			G2700K	RA90	460					
			G3000K	RA90	490					
			G3500K	RA90	490					
			G4000K	RA90	530					
2C@6W	TWG	G5000K	RA90	530						
		G6500K	RA90	520						
		G2700K	G6500K	RA90	340					
		3C@6W	RGB	620nm	520nm	460nm	\	340		
		4C@6W	RGBW	620nm	520nm	460nm	2700K	\	340	
GTG2104A- -MCA90A2B	12W [18W] [15W] [9W]	12x2W SMD3030	E2700K	RA80	1150	>0.5	[Frosted] BDF:120°	[Prismatic] BDP:110°	[Louver] BGL LM-20%	
			E3000K	RA80	1220					
			E3500K	RA80	1220					
			E4000K	RA80	1300					
			E5000K	RA80	1300					
	12W [18W] [15W] [9W]	12x2W SMD3030	E6500K	RA80	1270					
			G2700K	RA90	920					
			G3000K	RA90	990					
			G3500K	RA90	990					
			G4000K	RA90	1060					
2C@12W	TWG	G5000K	RA90	1060						
		G6500K	RA90	1040						
		G2700K	G6500K	RA90	660					
		3C@12W	RGB	620nm	520nm	460nm	\	660		
		4C@12W	RGBW	620nm	520nm	460nm	2700K	\	660	
4C@12W	RGBA	620nm	520nm	460nm	590nm	\	660			

NOTE:

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

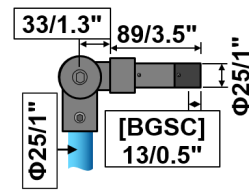
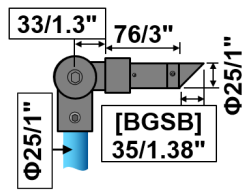
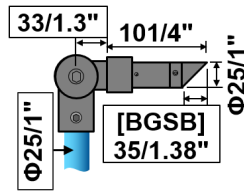
Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.

[FSC] Slip Fitter

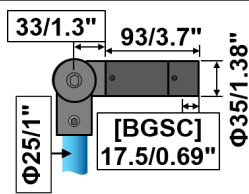
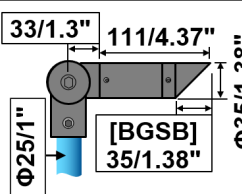
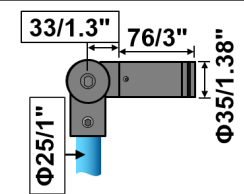
DIMENSION: [UNIT: MM]

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

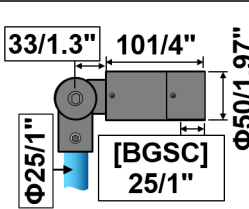
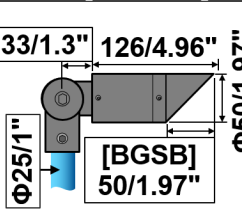
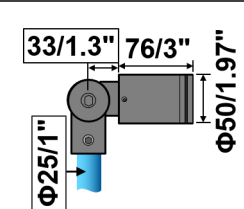
MODEL: MCA25A-[FSC25B]



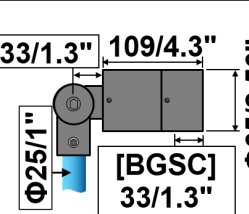
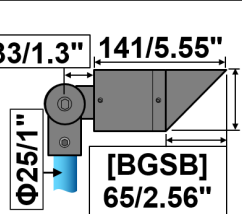
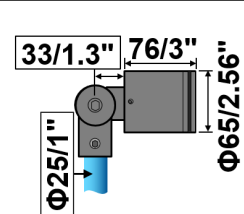
MODEL: MCA35A-[FSC25B]



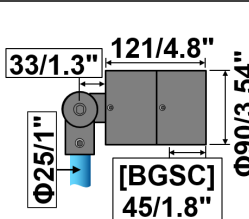
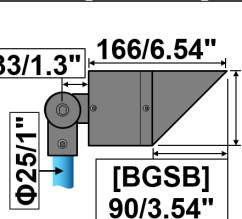
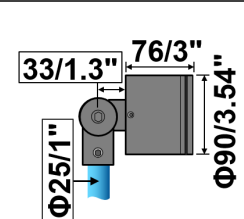
MODEL: MCA50A-[FSC25B]



MODEL: MCA65A-[FSC25B]



MODEL: MCA90A-[FSC25B]



CASE STUDY

FIXTURE: [FSC25-PSA-C125A]



FIXTURE: [FSC25-FBB]



FIXTURE: [FSC25-FBS]

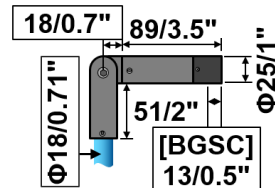
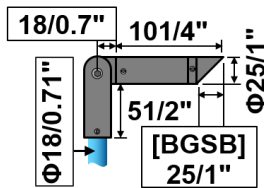
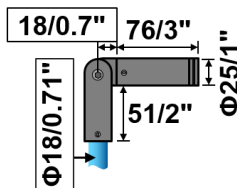


[FSC] Slip Fitter

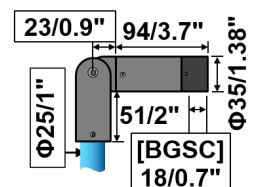
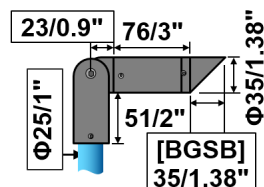
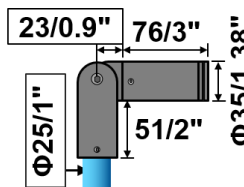
DIMENSION: [UNIT: MM]

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

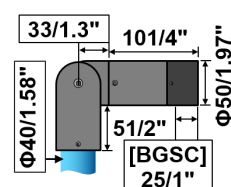
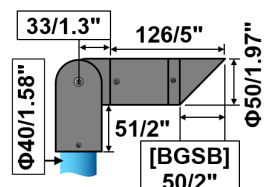
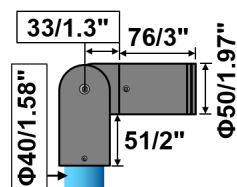
MODEL: MCA25A-[FSC18C]



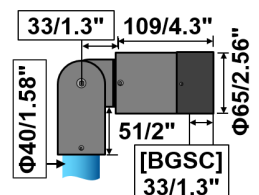
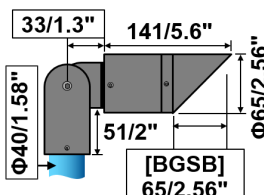
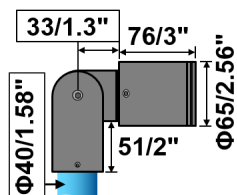
MODEL: MCA35A-[FSC25C]



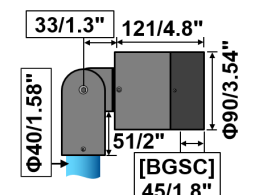
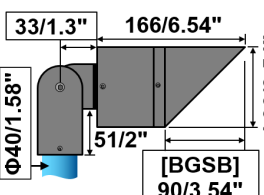
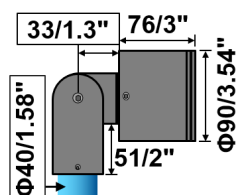
MODEL: MCA50A-[FSC40C]



MODEL: MCA65A-[FSC40C]



MODEL: MCA90A-[FSC40C]

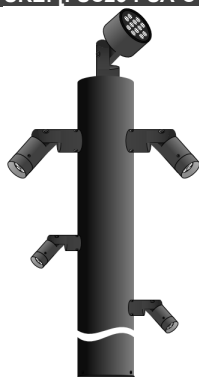


CASE STUDY

FIXTURE: [FSC25-PSA-C125A]

FIXTURE: [FSC25-FBB]

FIXTURE: [FSC25-FBS]



[FSC] FIXING KITS WITH TENON ADAPTOR

SPECIFICATION

[FSC-FB]: Base FIXING KITS

NOTES: Custom Specifics according to Lighting Fixture

FIGURE

[FSC25A-FBS] SlipFitter → Spike	[FSC25A-FBB] SlipFitter → Box	[FSC25A-FBB-FBS] SlipFitter → Box → Spike	[FSC25A-ASA-FBB] SlipFitter → ARM → Box	[FSC25A-ASA-FBB-FBS] SlipFitter → ARM → Box → Spike
				

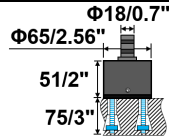
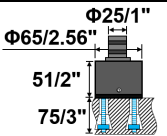
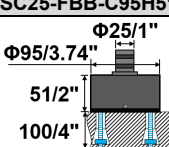
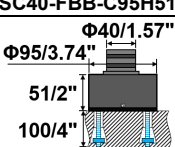
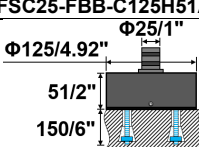
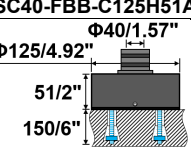
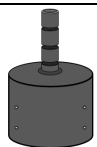
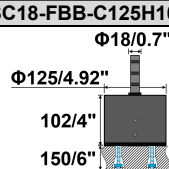
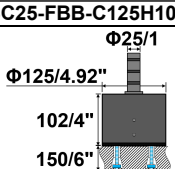
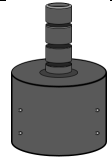
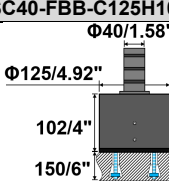
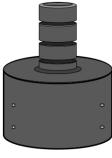
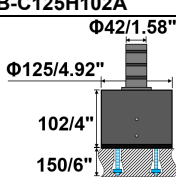
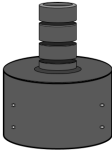
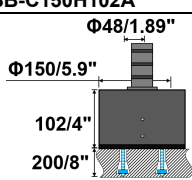
[FSC-FBS]: Fixing Spike With Tenon Adaptor

NOTES: Custom Specifics according to Lighting Fixture

DIMENSION: [MM] MODEL: FSC18-FBS1A FSC25-FBS1A		EXAMPLE MC95A-FSC25A-FBS	CASE STUDY 
 Φ18/0.7" [BS1A] L160/6.3" L210/8.3" L265/10.5" L400/15.8" L500/19.7" L600/23.7"	 Φ25/1" [BS1A] L160/6.3" L210/8.3" L265/10.5" L400/15.8" L500/19.7" L600/23.7"		
DIMENSION: [MM] MODEL: FSC40-FBS1A FSC42-FBS1A		EXAMPLE MC95A-FSC42-FBS	CASE STUDY 
 Φ40/1.58" [BS1A] L265/10.5" L400/15.8" L500/19.7" L600/23.7"	 Φ42/1.66" [BS1A] L265/10.5" L400/15.8" L500/19.7" L600/23.7"		
DIMENSION: [MM] MODEL: FSC48A-FBS1A		EXAMPLE MC150A-FSC48A-FBS	CASE STUDY 
 Φ48/1.89" [BS1A] L265/10.5" L400/15.8" L500/19.7" L600/23.7"			

[FSC-FBB] FIXING BOX WITH TENON ADAPTOR

SPECIFICATION

[FSC-FBB]: Fixing Box With Tenon Adaptor			EXAMPLE	
NOTES: Custom Specifics according to Lighting Fixture				
[FBB] Fixing Box	DIMENSION: [MM]		MC35-FSC25-FBB	MC65-FSC25-FBB
MODEL: FSC18-FBB-C65H51A	FSC25-FBB-C65H51A			
				
[FBB] Fixing Box	DIMENSION: [MM]		MC95-FSC25-FBB	MC140-FSC25-FBB
MODEL: FSC25-FBB-C95H51A	FSC40-FBB-C95H51A			
				
[FBB] Fixing Box	DIMENSION: [MM]		MC125-FSC25-FBB	MC160-FSC25-FBB
MODEL: FSC25-FBB-C125H51A	FSC40-FBB-C125H51A			
				
[FBB] Fixing Box	DIMENSION: [MM]		MC125-FSC25-FBB	MC160-FSC25-FBB
MODEL: FSC18-FBB-C125H102A	FSC25-FBB-C125H102A			
				
[FBB] Fixing Box	DIMENSION: [MM]		MC225-FSC42-FBB	MC280-FSC42-FBB
MODEL: FSC40-FBB-C125H102A				
				
[FBB] Fixing Box	DIMENSION: [MM]		MC225-FSC42-FBB	MC280-FSC42-FBB
MODEL: FSC42-FBB-C125H102A				
				
[FBB] Fixing Box	DIMENSION: [MM]		MC175-FSC48-FBB	MC280-FSC48-FBB
MODEL: FSC52-FBB-C150H102A				
				

CASE STDUY

