



MESTRON

MESTRON

#thepolemaker

EDITION
2026/2027

MESTRON

CATALOGUE

EDITION 26/27



MESTRON ENGINEERING SDN BHD (591970-X)
PT 50102, Jalan MU 1/9, Seksyen 10
Taman Perindustrian Meranti Utama
47120 Puchong, Selangor Darul Ehsan
Malaysia

T : +603 8069 1815
F : +603 8069 1805
E : info@mestron.com.my
W : www.mestron.com.my

Visit Us :



#ThePoleMaker



#ThePoleMaker

COMPANY profile

ABOUT US

Mestron Engineering Sdn Bhd a company incorporated to revolutionize conventional lighting in tandem with consumers growing expectations towards modernization and urban instinct. At Mestron, we strive to provide solutions rather than merely a product, in an innovative yet cost-effective manner.

Mestron provides personal customization to meet your specific need, differentiating your organization from day-to-day ordinaries. Mestron is your partner, rather than just a supplier for your lighting and engineering excellence, in a mutually beneficial manner.

QUALITY POLICY

To develop quality street lighting column efficiently, in a professional and flexible environment and on time to our customer, while striving to become a world-class organization.

To commit to comply with relevant requirements and continually improve the effectiveness of our Quality Management System.

PARENT COMPANY

MESTRON HOLDINGS BERHAD

Reg No. 201801018716 (1280732-K)
Listed on Bursa Malaysia Main Market since Dec 2023
Stock Code : 0207

NAME OF COMPANY

MESTRON ENGINEERING SDN BHD

Reg No. 200201024307 (591970-X)

PT 50102, Jalan MU 1/9, Seksyen 10,
Taman Perindustrian Meranti Utama,
47120 Puchong, Selangor Darul Ehsan, Malaysia

Tel : +603 8069 1815, Fax : +603 8069 1805
Web : www.mestron.com.my Email : info@mestron.com.my



Incorporation

10th September 2002



Paid-Up Capital

RM 103,448,699



Production Area

Appx 300,000 sqft



Production Capacity

>1000 Metric Tonnes per Month



Staff Force

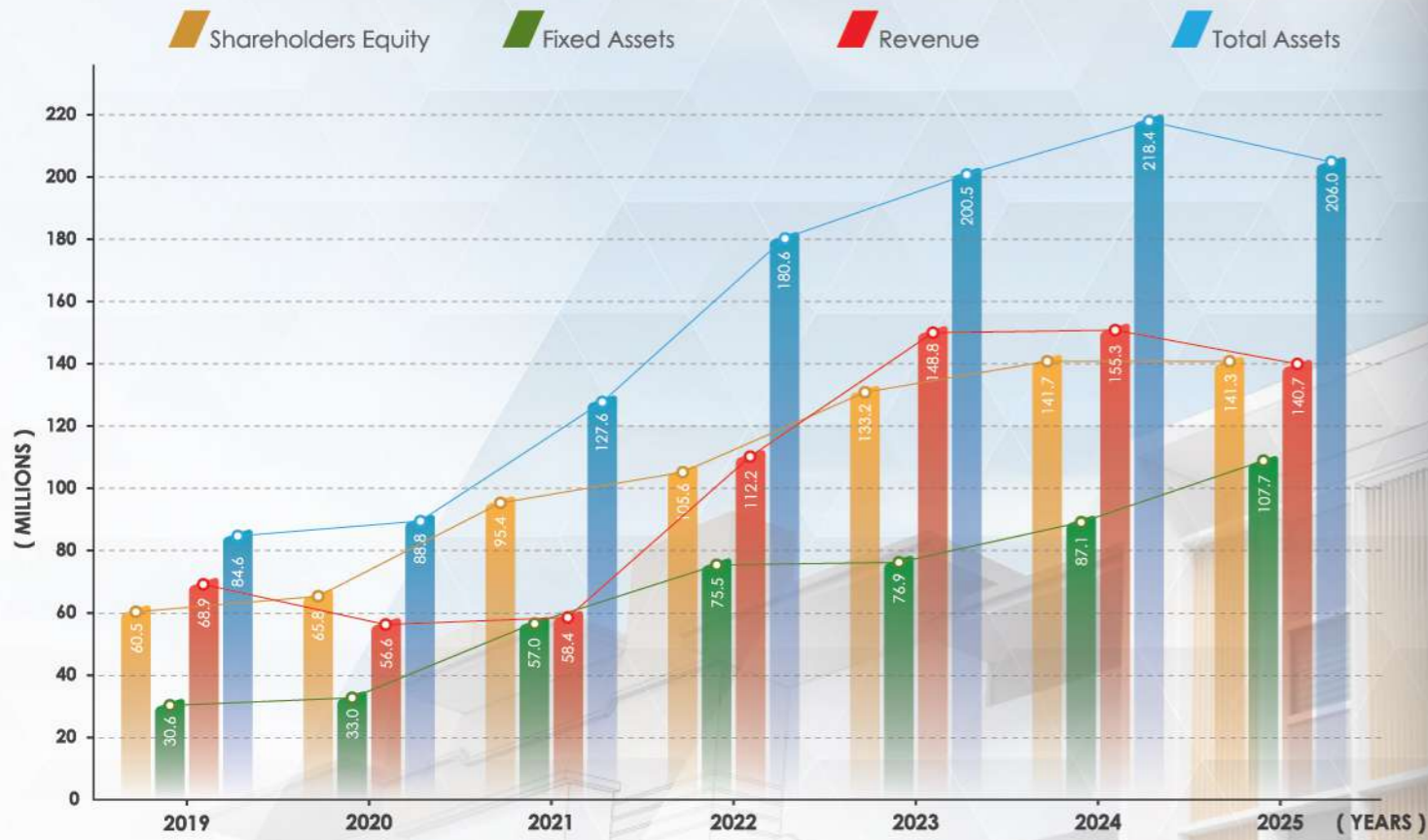
≥ 250 Person



Banker

Public Bank Berhad
AmBank Berhad
Alliance Bank Berhad
Maybank Berhad
Bank of China (M) Berhad

FINANCIAL HIGHLIGHT



MARKET



PRODUCT CERTIFICATION & REGISTRATION

Mestron are known for its commitment to customer satisfaction through continuous product innovation and improvement. Our product quality are recognized and certified by various governing authorities.



- ISO 9001:2015 10694269 (LRQA)
- CIDB MALAYSIA (012018518-SL012511)
- LOGO BUATAN MALAYSIA KPDN/LBM/2023/1284-27900
- MOF K10352518963740753
- MITI A 021411
- JKR EMAL EE022003/24/11/06
- JKR EMAL EE022005/24/03/02
- JKR EMAL EE022003/25/07/01
- SIRIM MALAYSIA Licence No: PC004068
- SIRIM MALAYSIA Licence No: PM074101
- SIRIM MALAYSIA J2021390621
- TNB MALAYSIA 0120180518-SL012511
- TNB MALAYSIA K10352518961877183
- IKRAM QA (100) IQAS/CA/SB/09
- SARAWAK ENERGY PLS 14/19/SB/aml

PRODUCTION FACILITIES

- Production Facility Approximate 300,000 Square Feet
- Over 150 Production Workers
- Various Steel Working Machineries



Automation Welding Machine



CNC Steel Plate Cutting Machine



Robotic Welding Machine



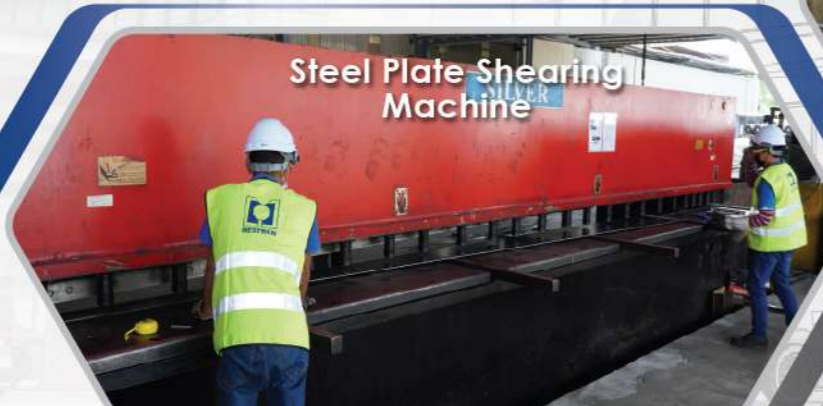
Lazer-cut CNG Machine



Heavy-Duty Industrial Vacuum Lifter



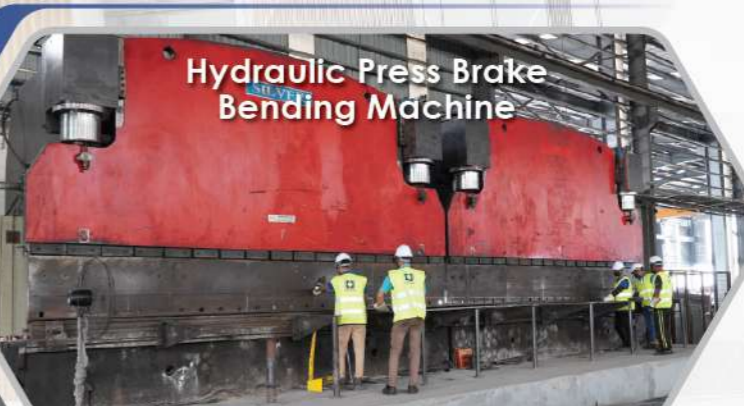
Robotic Plasma Arc Cutting Machine



Steel Plate Shearing Machine



Robotic Arm Welder



Hydraulic Press Brake Bending Machine



Angle Bar Stamping Machine

Various test performed by independent 3rd parties in tandem with Mestron's stringent quality assurance system.



MATERIAL TEST



TENSILE TEST REPORT



MECHANICAL TEST REPORT



ULTRASONIC TEST REPORT



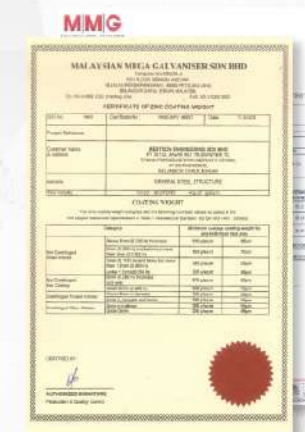
WELDING TEST



WELDING REPORT



POWDER COATING PROCEDURE



HOT DIP GALVANIZED TEST



FOUNDATION ANCHORAGE BOLT TEST



MAGNETIC PARTICLE TEST



RADIOGRAPHIC INSPECTION REPORT

APPRECIATION FROM LOCAL AUTHORITIES

A testament of our customer satisfaction proven via recognition from multiple government agencies and non-government organization.



JABATAN KERJA RAYA
KEDAH



PERSATUAN KONTRAKTOR
ELEKTIKAL MELAYU
PERAK (PKEMP)



JABATAN KERJA RAYA
SELANGOR



JABATAN KERJA RAYA
TERENGGANU



JABATAN KERJA RAYA
PAHANG



JABATAN KERJA RAYA
KELANTAN



JABATAN KERJA RAYA
KELANTAN



JABATAN KERJA RAYA
PULAU PINANG



JABATAN KERJA RAYA
PERAK



JABATAN KERJA RAYA
PAHANG



JABATAN KERJA RAYA
PULAU PINANG



PEMBEKAL & KONTRAKTOR
MAJLIS BANDARAYA
KUANTAN



JABATAN KERJA RAYA
KEDAH



JABATAN KERJA RAYA
KEDAH



JABATAN KERJA RAYA
PAHANG



JABATAN KERJA RAYA
TERENGGANU

ABOUT HOT-DIP GALVANIZING

Important things to know about Hot-Dip Galvanizing (HDG)



1. Coating Requirement .

Standard HDG items are here to the following coating thickness.

Steel Thickness mm	Local Coating Thickness minimum μm	Average Coating Thickness minimum μm	Average Coating Mass minimum g/m^2
≤ 1.5	35	45	320
$> 1.5 \leq 3$	45	55	390
$> 3 \leq 6$	55	70	500
≥ 6	70	85	600

2 . Protective life of HDG .

(a). Formation of Zinc Carbonate (Patina)

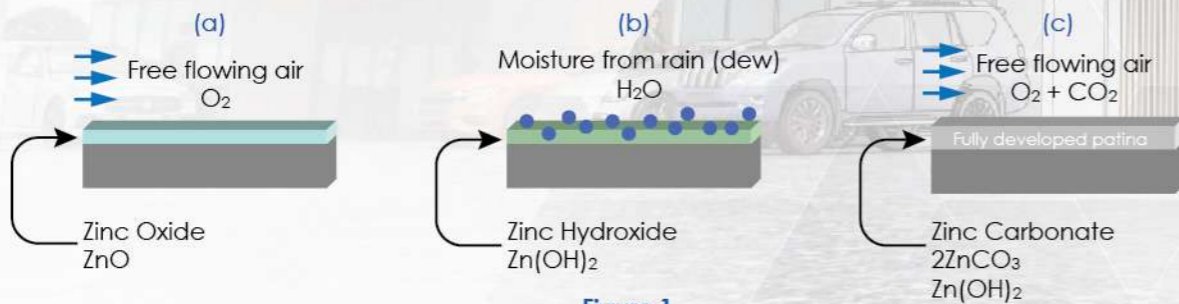


Figure 1 :

- (i) The zinc layer begins its development with exposure to oxygen in the atmosphere to form Zinc Oxide
- (ii) It then reacts with moisture in the atmosphere and forms Zinc Hydroxide.

(iii) A layer of tightly adherent, insoluble zinc patina is then developed after it was exposed to carbon dioxide in the atmo

Note: The self regenerating patina recovers itself by slowly consuming the zinc outer coating. Once the pure zinc of the outer layer is consumed, the iron zinc alloy are exposed to the environment and their corrosion resistance is up to 30% greater, providing even longer life.

(b). Life Expectancy of HDG and its performance under varoius environment .

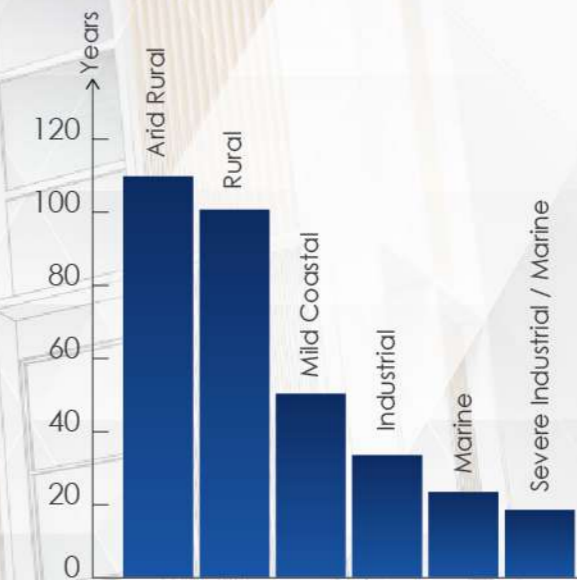


Figure 2

Figure 2: Anticipated life of 700g/m² (100µm) galvanized coatings in various environments (years)

Environment	Description
Arid Rural Area	• Characterized by a land that severe lack of available water.
Rural Area	• Countryside or a geographic area that is located outside towns and cities.
Mild Coastal Area	• A land near an ocean and influenced by the temperature of the oceans.
Industrial Area	• A land used for commercial establishments, manufacturing plants, public utilities, mining, etc.
Marine Area	• Area where the salty water are covers a large part of the surface, or a large area of salty water.
Severe Industrial/ Marine	• Extreme atmospheric conditions in both industrial and marine area.

Reference : Galvanizers Association of Australia (2009) "After Fabrication Hot Dip Galvanizing Manual", Galvanizers Association of New Zealand, p1 – 146.

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Quality Assurance Process
Product Test Report
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MESTRON ENGINEERING SDN BHD





by MESTRON
LIGHTING & POLE
SECTION

PRODUCT LIST



STANDARD LIGHTING POLE

by Mestron®



SHORT Spigot Arm
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CURVED Arm
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p11-12



MID-HINGED Pole
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TRAFFIC LIGHT Pole
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SOLAR LIGHTING Pole
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CCTV Pole
p19-20



HIGH Mast
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STADIUM Mast
p23-24

SHORT SPIGOT

Street Lighting Pole equipped with short spigot arm suited for wide range of application ranging from residential area to expressway.

Special consideration is catered for ease of storage while facilitating maintenance works.

OPTION AND ACCESSORIES

- 4M to 12M height
- Spigot arm Dia. 48/60mm
- Fiberglass Service Door
- Anti-Stick Paint
- Twin Flag Holder
- Retractable Banner Holder

STANDARD

LIGHTING POLE

by Mestron®

TECHNICAL SPECIFICATION

1 LIGHTING POLE COMPLY TO **BS EN 40-5 : 2002** "LIGHTING COLUMNS, REQUIREMENT FOR STEEL LIGHTING COLUMNS"

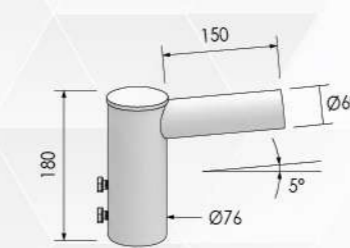
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3 POLE DESIGN VALIDATED WITH TYPE TEST "DESIGN AND VERIFICATION", TESTING IN ACCORDANCE TO **BS EN 40-3-2 : 2013**

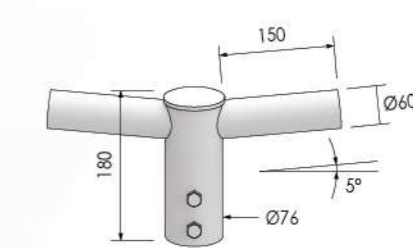
4 MATERIAL USED FOR LIGHTING POLE COMPLY TO **BS EN 10025 S275 JR : 2004 / JIS G3101 : 2010 / S5400** WITH MINIMUM YIELD AND TENSILE STRENGTH OF **275 MPa** AND **430 MPa** RESPECTIVELY

5 WELDING PROCESS OF LIGHTING POLE IN COMPLIANCE TO WELDING PROCESS SPECIFICATION AS PER **BS EN 1011-2 : 2001**

6 PRODUCTS ARE TREATED WITH ANTI-CORROSIVE TREATMENT KNOWN AS HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO **BS EN ISO 1461 : 2009**

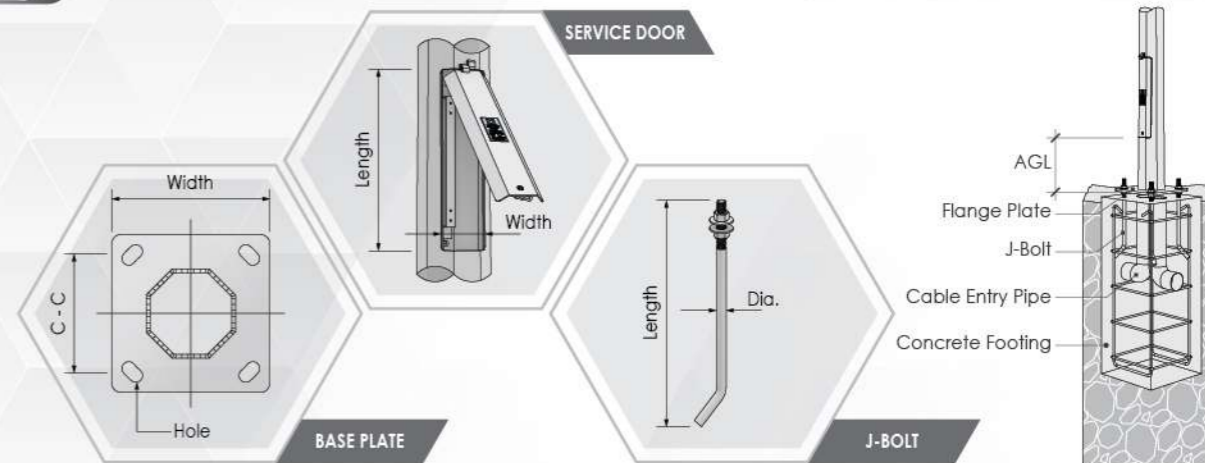


SINGLE SHORT ARM



DOUBLE SHORT ARM

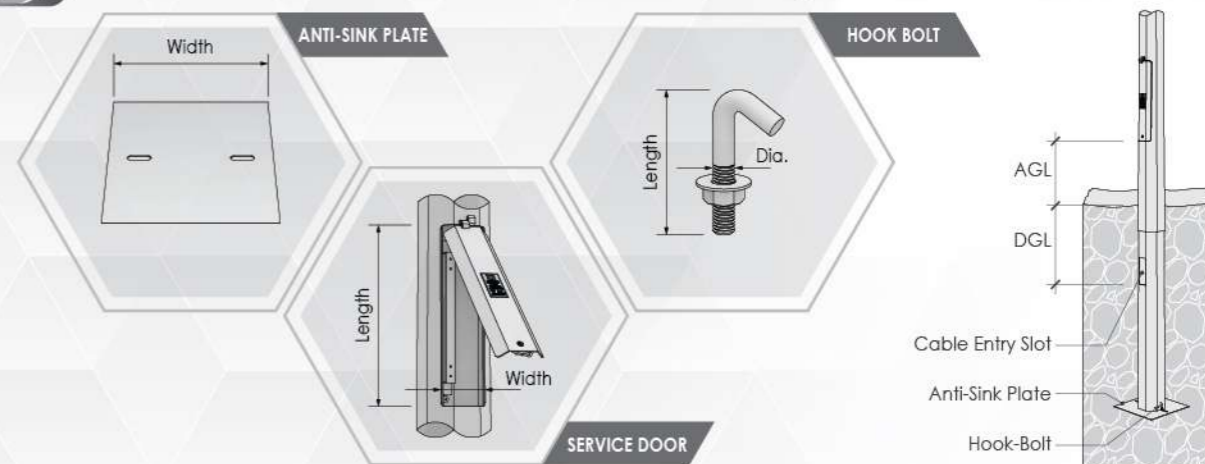
FLANGE MOUNTED TYPE



Pole(M)	SECTION HEIGHT		BASE FLANGE PLATE				SERVICE DOOR		J-BOLT		CONCRETE FOOTING			
	Bottom	Top	Width	C - C	Hole	THK	AGL	Width	Length	Dia.	Length	Width	Height	C - C
4	4000	-	250	195	37 x 20	9	305	90	350	16	280	300	600	195
6	6000	-	300	220	45 x 26	12	305	100	450	20	450	350	900	220
8	8000	-	300	220	45 x 26	12	305	110	450	20	450	400	1000	220
9	2050	7200	300	220	45 x 26	15	610	120	450	20	450	400	1000	220
10	3050	7200	350	260	52 x 30	16	610	120	450	24	570	450	1100	260
12	5050	7200	400	300	56 x 30	18	610	120	450	24	570	500	1200	300

*All Dimension are in Millimeter (MM) unless stated

PLANTED TYPE



Pole(M)	SECTION HEIGHT		ANTI-SINK PLATE		SERVICE DOOR		HOOK-BOLT		PLANTING DEPTH			
	Bottom	Top	Width	THK	AGL	Width	Length	Dia.	Length	Depth	DGL	Cable Entry
4	4800	-	250	2.5	305	90	350	8	55	800	500	150 x 50
6	7200	-	250	2.5	305	100	450	8	55	1200	500	150 x 60
8	2450	7200	300	2.5	305	110	450	8	55	1300	500	150 x 60
9	3450	7200	300	2.5	610	120	450	8	55	1400	500	150 x 60
10	4550	7200	300	2.5	610	120	450	8	55	1500	500	150 x 60
12	6750	7200	300	2.5	610	120	450	8	55	1700	500	150 x 60

*All Dimension are in Millimeter (MM) unless stated

CURVED ARM

With a wider road in mind, Street Lighting Pole with curve arm is specially designed for a better coverage due to its extended reach. It is optimized for main road and expressway.

OPTION AND ACCESSORIES

- 6M to 15M height
- Curve arm from 1.5M to 3.0M
- Spigot arm Dia. 48/60mm
- Fiberglass Service Door
- Anti-Stick Paint
- Twin Flag Holder
- Retractable Banner Holder

STANDARD LIGHTING POLE

by Mestron®

TECHNICAL SPECIFICATION

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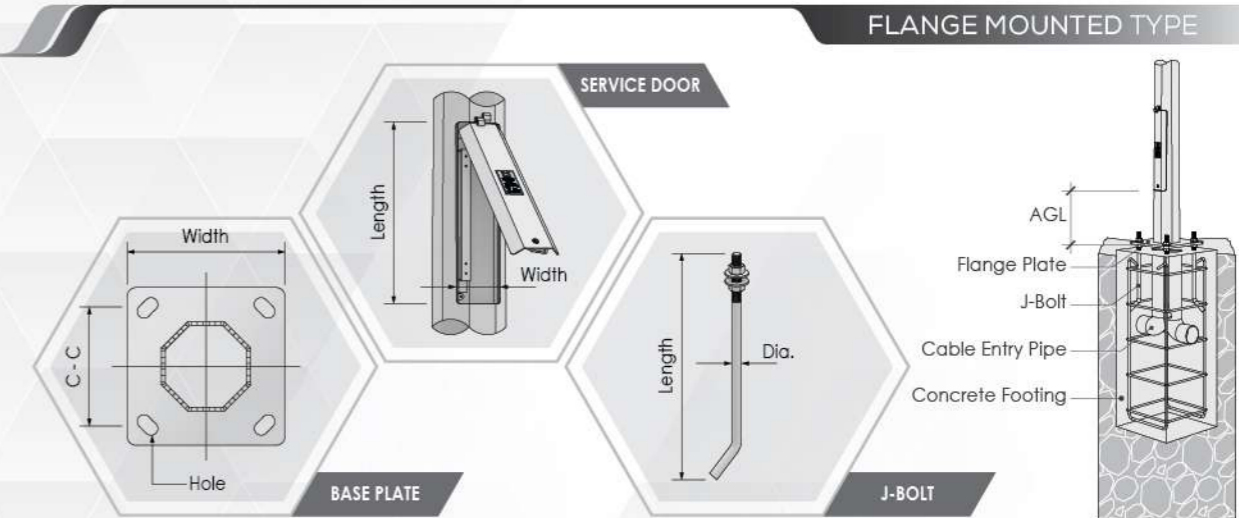
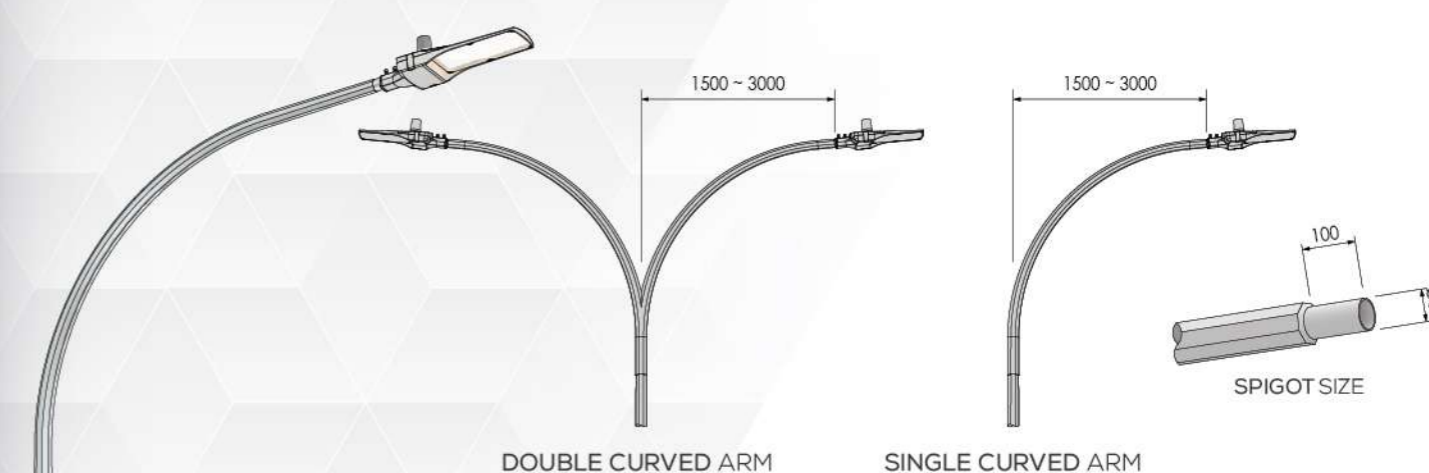
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3 POLE DESIGN VALIDATED WITH TYPE TEST "DESIGN AND VERIFICATION", TESTING IN ACCORDANCE TO **BS EN 40-3-2 : 2013**

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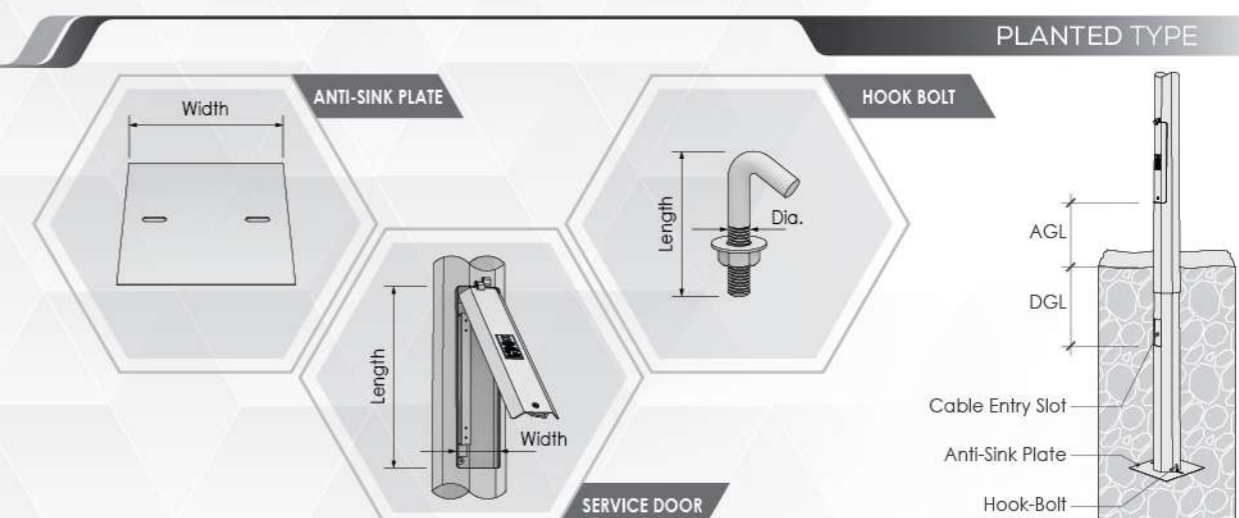
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Pole(M)	SECTION HEIGHT			BASE FLANGE PLATE				SERVICE DOOR			J-BOLT		CONCRETE FOOTING		
	Bottom	Int.	Top	Width	C - C	Hole	THK	AGL	Width	Length	Dia.	Length	Width	Height	C - C
6	4350	-	1800	300	220	45 x 26	12	305	100	450	20	450	350	900	220
8	6350	-	1800	300	220	45 x 26	12	305	110	450	20	450	400	1000	220
9	2050	5600	1800	300	220	45 x 26	15	610	120	450	20	450	400	1000	220
10	3050	5600	1800	350	260	52 x 30	16	610	120	450	24	570	450	1100	260
12	5050	5600	1800	400	300	56 x 30	18	610	120	450	24	570	500	1200	300

*All Dimension are in Millimeter (MM) unless stated



Pole(M)	SECTION HEIGHT			ANTI-SINK PLATE		SERVICE DOOR			HOOK-BOLT		PLANTING DEPTH		
	Bottom	Int.	Top	Width	THK	AGL	Width	Length	Dia.	Length	Depth	DGL	Cable Entry
6	5600	-	1800	250	2.5	305	100	450	8	55	1200	500	150 x 60
8	2450	5600	1800	300	2.5	305	110	450	8	55	1300	500	150 x 60
9	3450	5600	1800	300	2.5	610	120	450	8	55	1400	500	150 x 60
10	4550	5600	1800	300	2.5	610	120	450	8	55	1500	500	150 x 60
12	6750	5600	1800	350	2.5	610	120	450	8	55	1700	500	150 x 60

*All Dimension are in Millimeter (MM) unless stated

FLOODLIGHT COLUMN

Floodlight column are known for it versatility in providing luminaire on a huge area with minimal effort.

It is typically used for open area such as carpark, playground, field, warehouse and many others. Various options of headframe design is available to suit floodlight of all size and quantity.

OPTION AND ACCESSORIES

- 4M to 20M height
- Customize pole size for various application
- Head-frame to suit all types of fitting
- Bracket for additional attachment
- Fiberglass Service Door
- Anti-Stick Paint
- UV Resistant Polyester Powder Coating for aesthelic finishing

STANDARD LIGHTING POLE

by Mestron®

TECHNICAL SPECIFICATION

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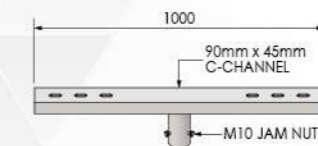
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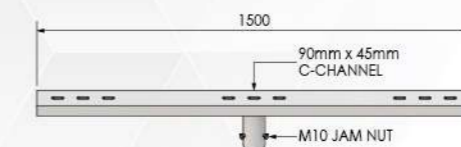
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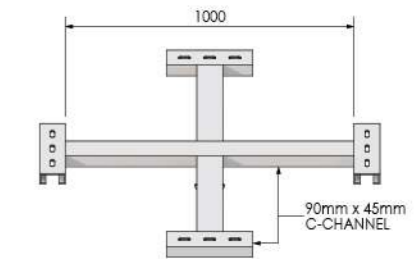
HEAD FRAME - 1



HEAD FRAME - 2

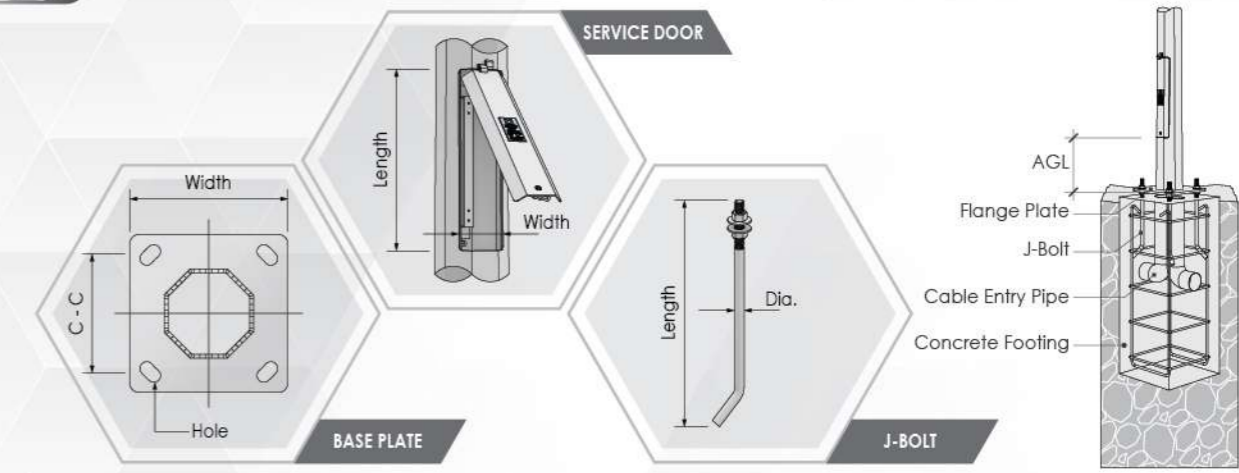


HEAD FRAME - 3



HEAD FRAME - 4C

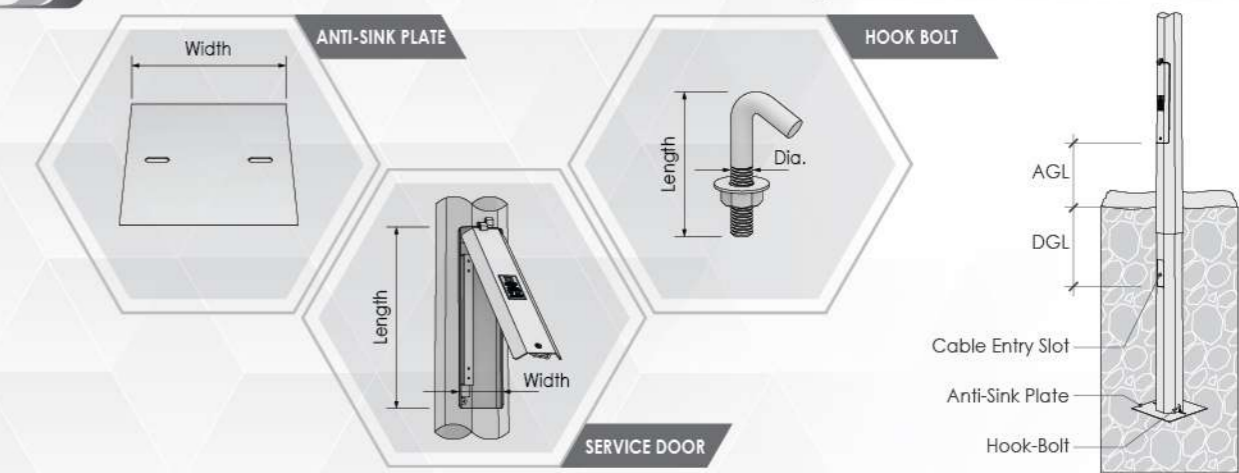
FLANGE MOUNTED TYPE



SECTION HEIGHT	BASE FLANGE PLATE						SERVICE DOOR			J-BOLT		CONCRETE FOOTING			
	Pole(M)	Bottom	Top	Width	C - C	Hole	THK	AGL	Width	Length	Dia.	Length	Width	Height	C - C
4	4000	-	-	250	195	37 x 20	9	305	90	350	16	280	300	600	195
6	6000	-	-	300	220	45 x 26	12	305	100	450	20	450	400	1000	220
8	8000	-	-	300	220	45 x 26	12	305	110	450	20	450	400	1300	220
9	2050	7200	-	300	220	45 x 26	15	610	120	450	20	450	400	1300	220
10	3050	7200	-	350	260	52 x 30	16	610	120	450	24	570	450	1300	260
12	5050	7200	-	400	300	56 x 30	18	610	120	450	24	570	500	1500	300

*All Dimension are in Millimeter (MM) unless stated

PLANTED TYPE



SECTION HEIGHT	ANTI-SINK PLATE			SERVICE DOOR			HOOK-BOLT		PLANTING DEPTH				
	Pole(M)	Bottom	Top	Width	THK	AGL	Width	Length	Dia.	Length	Depth	DGL	Cable Entry
4	4800	-	-	250	2.5	305	90	350	8	55	800	500	150 x 50
6	7200	-	-	300	2.5	305	100	450	8	55	1200	500	150 x 60
8	2450	7200	-	300	2.5	305	110	450	8	55	1300	500	150 x 60
9	3450	7200	-	300	2.5	610	120	450	8	55	1400	500	150 x 60
10	4550	7200	-	300	2.5	610	120	450	8	55	1500	500	150 x 60
12	6750	7200	-	300	2.5	610	120	450	8	55	1700	500	150 x 60

*All Dimension are in Millimeter (MM) unless stated

CLIMBING RUNG COLUMN

Climbing Rung Column is equipped with detachable climbing rung for ease of maintenance without the use of lifting equipments.

Similar to Standard Flood Lighting Pole, it has a wide range of application for area lighting such as carpark, playground, field, warehouse and etc. Customized lighting design with various options is available to suit floodlight of all size and quantity.

OPTION AND ACCESSORIES

- 4M to 20M height
- Detachable / Weld-on Climbing bracket
- Customize Pole size for various application
- Head-Frame to suit all types of Fitting
- Brackets for additional attachment
- Fiberglass Service Door
- Anti-Stick Paint
- UV Resistant Polyester Powder Coating for Aesthetic Finishing

STANDARD LIGHTING POLE

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TECHNICAL SPECIFICATION

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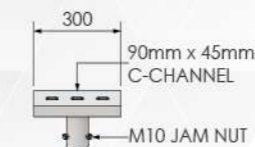
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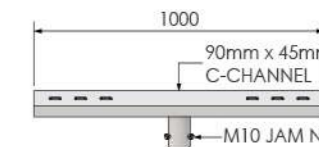
4 MATERIAL USED FOR LIGHTING POLE COMPLY TO **BS EN 10025 S275 JR : 2004 / JIS G3101 : 2010 / S5400** WITH MINIMUM YIELD AND TENSILE STRENGTH OF **275 MPa** AND **430 MPa** RESPECTIVELY

5 WELDING PROCESS OF LIGHTING POLE IN COMPLIANCE TO WELDING PROCESS SPECIFICATION AS PER **BS EN 1011-2 : 2001**

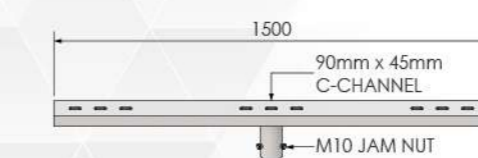
6 PRODUCTS ARE TREATED WITH ANTI-CORROSIVE TREATMENT KNOWN AS HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO **BS EN ISO 1461 : 2009**



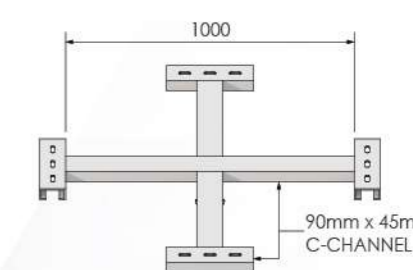
HEAD FRAME - 1



HEAD FRAME - 2

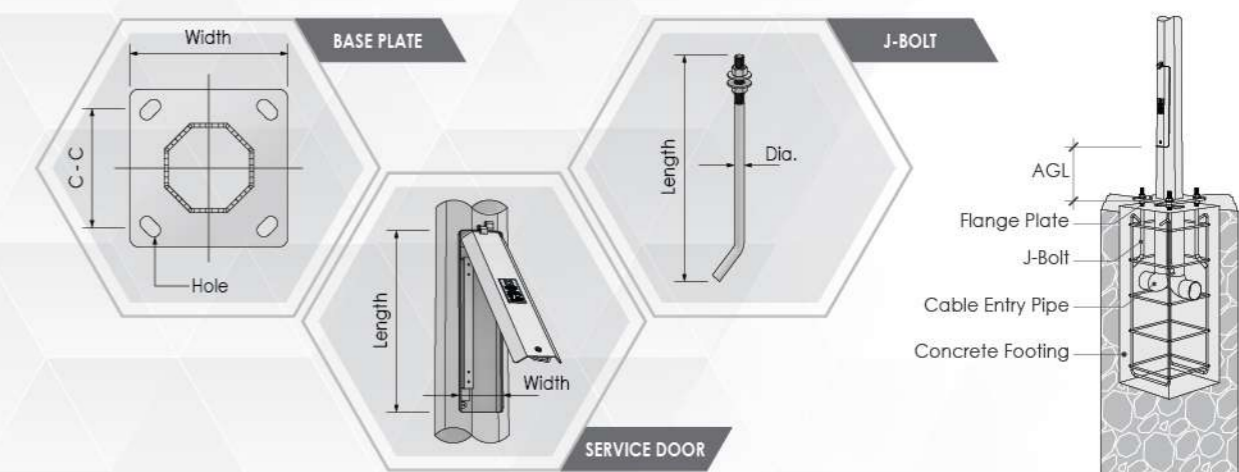


HEAD FRAME - 3



HEAD FRAME - 4C

FLANGE MOUNTED TYPE



Pole(M)	SECTION HEIGHT		BASE FLANGE PLATE				SERVICE DOOR		J-BOLT		CONCRETE FOOTING			
	Bottom	Top	Width	C - C	Hole	THK	AGL	Width	Length	Dia.	Length	Width	Height	C - C
4	4000	-	250	195	37 x 20	9	305	90	350	16	280	300	600	195
6	6000	-	300	220	45 x 26	12	305	100	450	20	450	400	1000	220
8	8000	-	300	220	45 x 26	12	305	110	450	20	450	400	1300	220
9	2050	7200	300	220	45 x 26	15	610	120	450	20	450	400	1300	220
10	3050	7200	350	260	52 x 30	16	610	120	450	24	570	450	1300	260
12	5050	7200	400	300	56 x 30	18	610	120	450	24	570	500	1500	300

*All Dimension are in Millimeter (MM) unless stated

MID-HINGED COLUMN

Mid-Hinged Column also known as Collapsible or See-Saw Pole, are designed for ease of maintenance especially under restricted condition.

The hinge mechanism enables top half of the pole to swing down for maintenance at ground level without needing the servicing personnel to climb up.

OPTION AND ACCESSORIES

- 4M to 20M height
- Apron customized for weight balancing
- Customize Pole size for various application
- Head-Frame to suit all types of Fitting
- Brackets for additional attachment
- Fiberglass Service Door
- Anti-Stick Paint
- UV Resistant Polyester Powder Coating for Aesthetic Finishing

STANDARD

LIGHTING POLE

by Mestron®

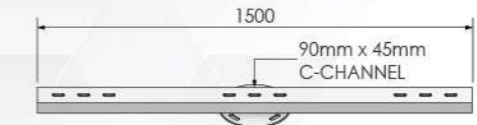
TECHNICAL SPECIFICATION

- 1 LIGHTING POLE COMPLY TO **BS EN 40-5 : 2002** "LIGHTING COLUMNS, REQUIREMENT FOR STEEL LIGHTING COLUMNS"
- 2 DESIGN OF POLE ARE COMPREHENSIVELY ANALYSED USING STAAD. PRO V8i STRUCTURAL DESIGN SOFTWARE TO WITHSTAND **35 M/S** WIND-SPEED, TERRAIN ROUGHNESS AND STATISTICAL FACTOR OF 1.0
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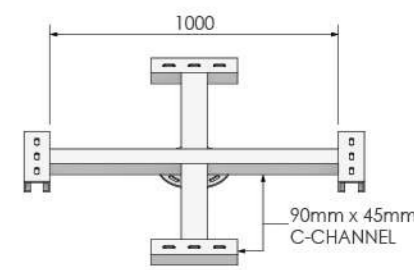


HEAD FRAME - 1

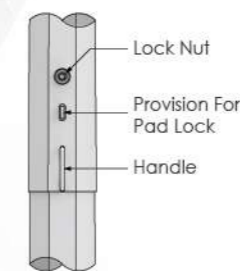
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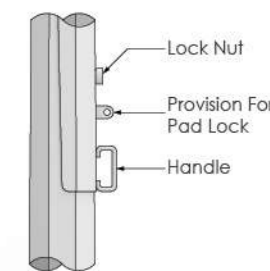
HEAD FRAME - 3



HEAD FRAME - 4C

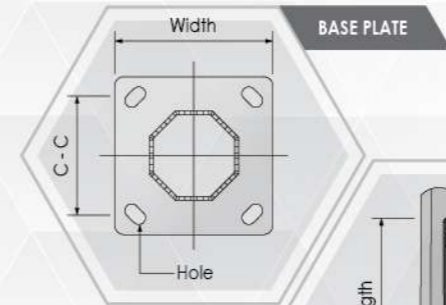


APRON - FRONT VIEW

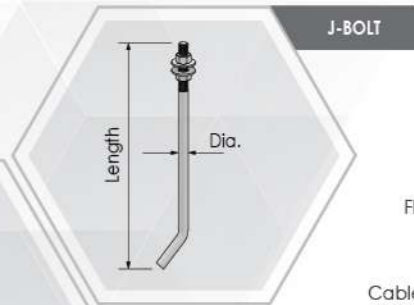


APRON - SIDE VIEW

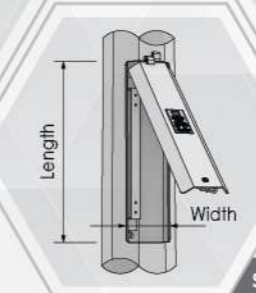
FLANGE MOUNTED TYPE



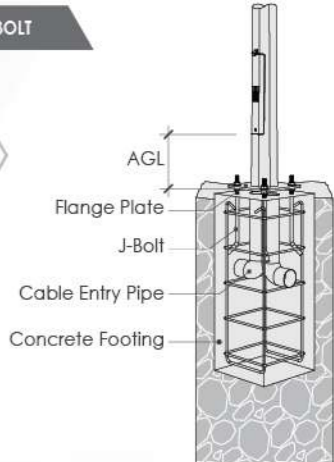
BASE PLATE



J-BOLT



SERVICE DOOR



Pole(M)	TOP LOADS KGS	BASE FLANGE PLATE				AGL	SERVICE DOOR		J-BOLT Dia.	J-BOLT Length	CONCRETE FOOTING		
		Width	C - C	Hole	THK		Width	Length			Width	Height	C - C
4	10	250	195	37 x 20	9	305	120	350	16	280	300	800	195
6	15	300	220	45 x 26	12	305	120	450	20	450	400	1000	220
8	15	300	220	45 x 26	15	305	120	450	20	450	400	1300	220
9	20	300	220	45 x 26	15	610	140	450	20	450	400	1300	220
10	20	350	260	52 x 30	16	610	140	450	24	570	450	1300	260
12	20	400	300	56 x 30	18	610	140	450	24	570	500	1500	300
~	~	~	~	~	~	~	~	~	~	~	~	~	~
15	60	550	400	73 x 39	25	610	160	450	33	840	600	1600	400
18	80	ø550	ø400	ø39	25	610	180	450	33	840	T-Shape (18M)		
20	80	ø850	ø700	ø39	38	610	200	450	33	840	T-Shape (20M)		

*All Dimension are in Millimeter (MM) unless stated.
**All data presented for pole ranging 4 ~ 12m are based on the light-duty standard, while data for pole ranging 15 ~ 20m are based on the medium-duty standard.

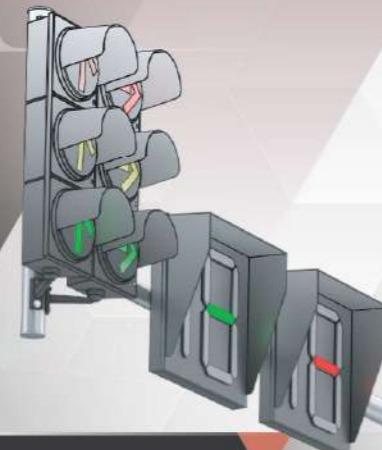
TRAFFIC LIGHT POLE

Traffic Light Pole covers typical planted and flanged mounted type Traffic Light as well as Overhead Traffic Light poles with varying arm length.

It can also be fully customized into Joint Use Mast Arm (JUMA) that combines Traffic Light and Street Light Pole together.

OPTION AND ACCESSORIES

- Standard Traffic Pole 12 Feet
- Overhead Traffic Pole 6.5M Height
- 5.5M Extension Arm
- Bracket for Countdown Timer
- Planted or Flange Mounted Type
- Fiberglass Service Door

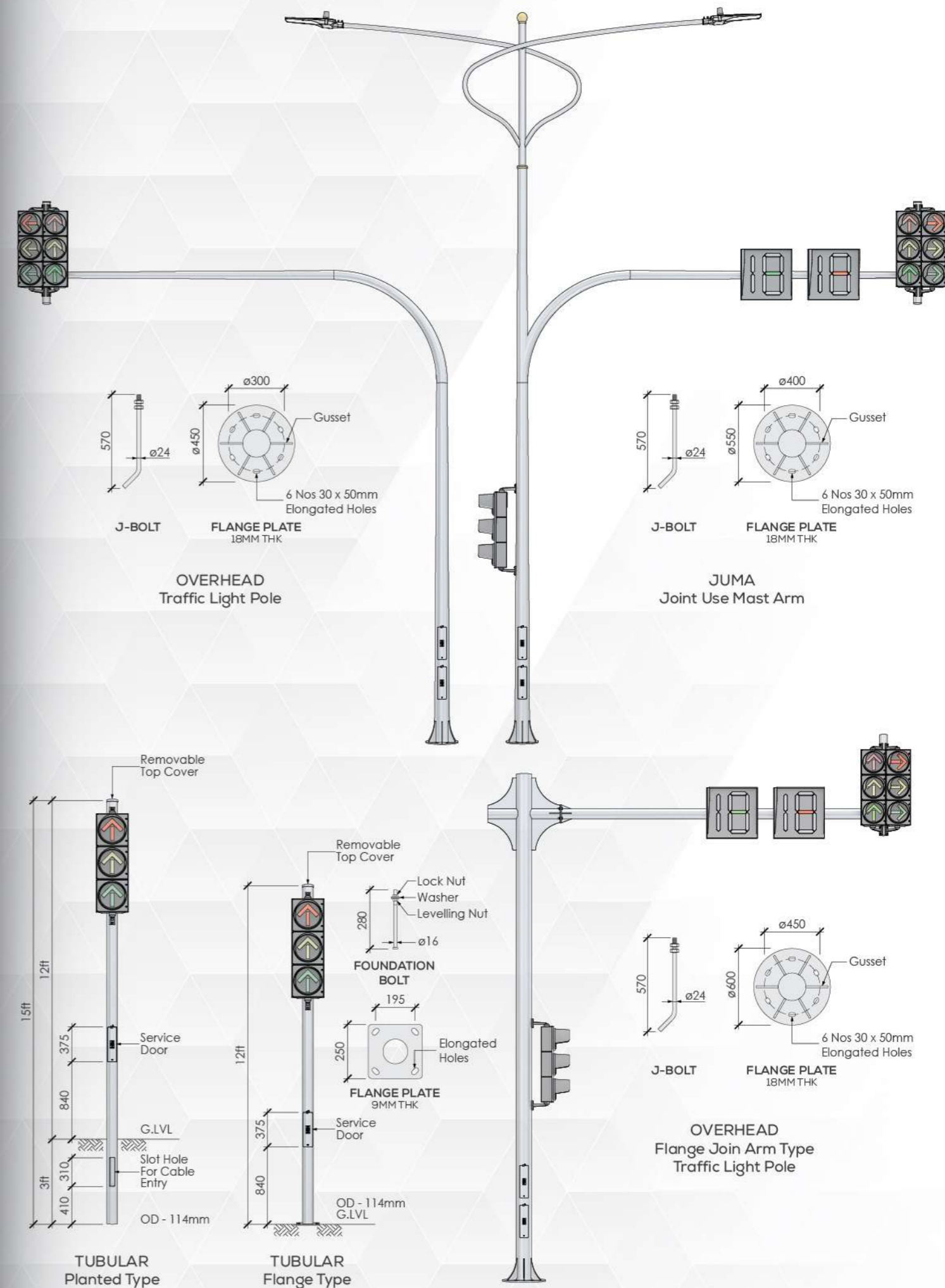


STANDARD LIGHTING POLE

by Mestron®

TECHNICAL SPECIFICATION

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SOLAR LIGHTING COLUMN

Solar Lighting Column is designed to cater for additional loading of Photovoltaik (PV) panel or a LED SOLAR Integrated Lighting on top.

The power generated by PV then be used for lighting, communication, transmission, charging and other purpose. Thus, it provides a self-sufficient solution for remote areas.

OPTION AND ACCESSORIES

- Height from 4M - 12M
- Double Arm Spigot
- Frame Support for Solar Panel
- Bracket for Junction / Battery Box
- Detachable Climbing Rung
- Polyester Powder Coating

STANDARD LIGHTING POLE

by Mestron®

TECHNICAL SPECIFICATION

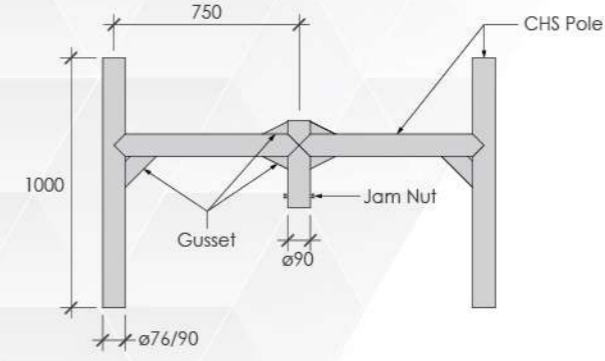
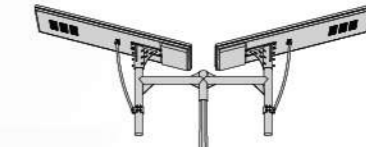
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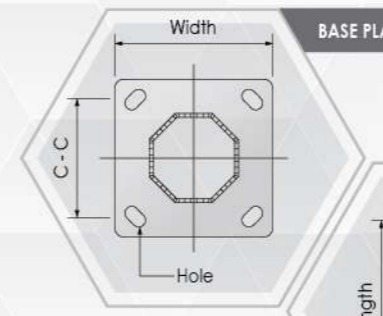


SPIGOT ARM FOR DOUBLE SOLAR LANTERN

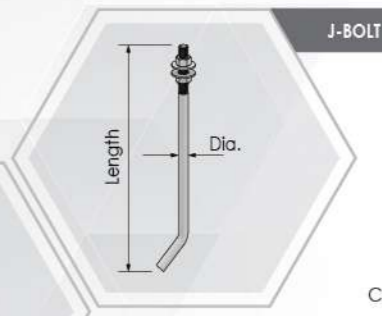
DOUBLE SOLAR LANTERN

SINGLE SOLAR LANTERN

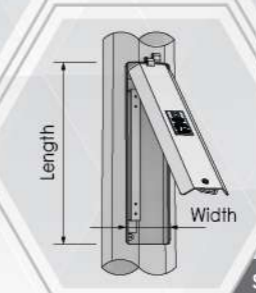
FLANGE MOUNTED TYPE



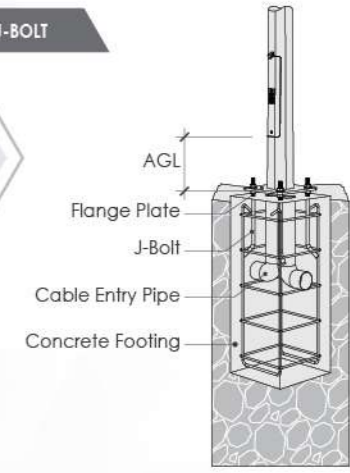
BASE PLATE



J-BOLT



SERVICE DOOR



Pole(M)	ACROSS FLAT, A/F		BASE FLANGE PLATE				SERVICE DOOR		J-BOLT		CONCRETE FOOTING			
	A/F-T	A/F-B	Width	C - C	Hole	THK	AGL	Width	Length	Dia.	Length	Width	Height	C - C
4	83	133	250	195	37 x 20	9	305	100	350	16	280	300	800	195
6	83	157	300	220	45 x 26	12	305	110	450	20	450	400	1000	220
8	83	174	300	220	45 x 26	12	305	110	450	20	450	400	1300	220
9	83	186	300	220	45 x 26	15	610	110	450	20	450	400	1300	220
10	83	200	350	260	52 x 30	16	610	120	450	24	570	450	1300	260
12	83	227	400	300	56 x 30	18	610	140	450	24	570	500	1500	300

*All Dimension are in Millimeter (MM) unless stated
 ** All data shown are based on max. loading weight >80kgs
 *** Service door must be requested

CCTV POLE

Pole specially designed for CCTV surveillance & security monitoring application.

Special consideration is given to minimize deflection and vibration. Several option is available such as standard fixed type, climbing rung & mid-hinged collapsible.

OPTION AND ACCESSORIES

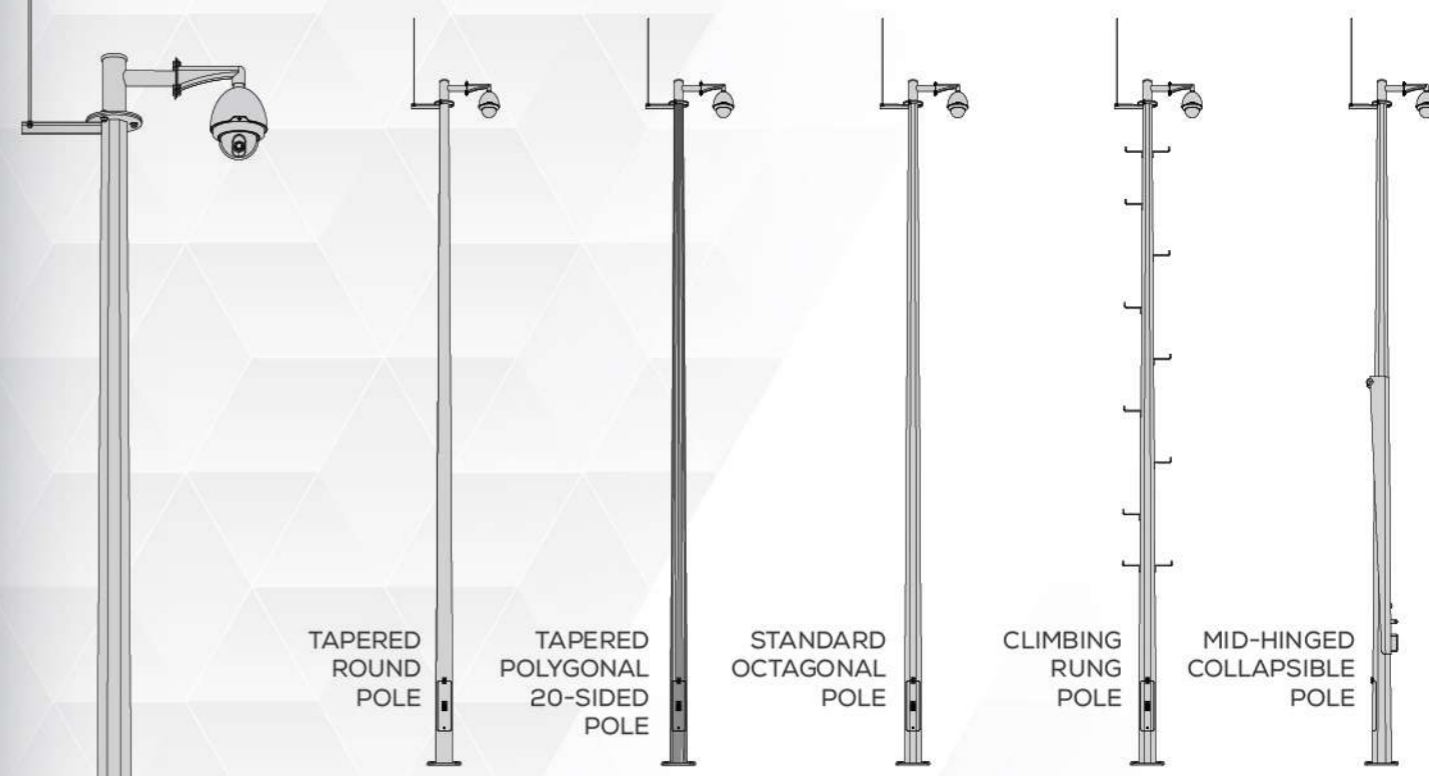
- Height up to 20M
- Customize bracket to suit Camera
- Polyester Powder Coating Finish
- Fiberglass Service Door
- Anti-Climb Device

STANDARD LIGHTING POLE

by Mestron®

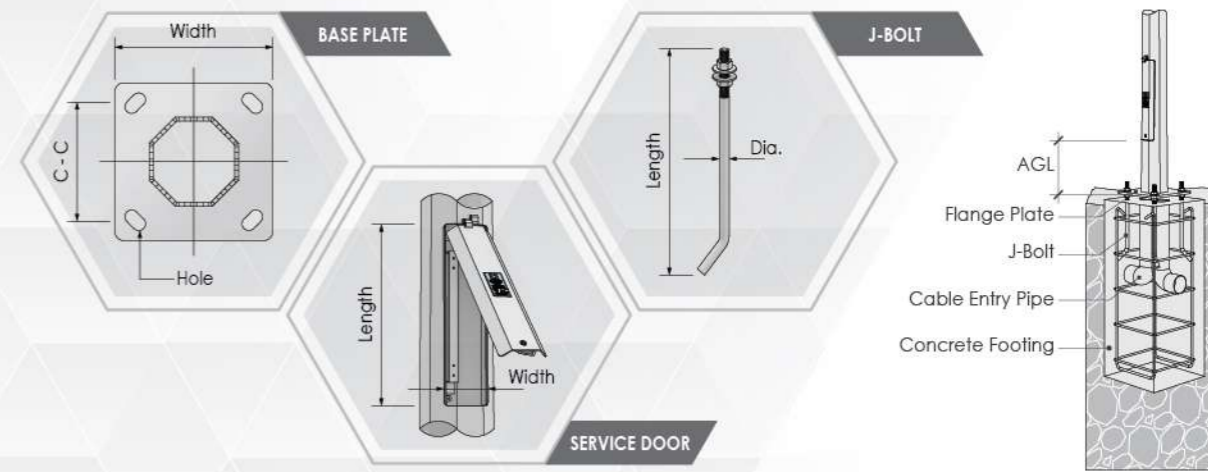
TECHNICAL SPECIFICATION

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- 6 PRODUCTS ARE TREATED WITH ANTI-CORROSIVE TREATMENT KNOWN AS HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO **BS EN ISO 1461 : 2009**



TAPERED ROUND POLE TAPERED POLYGONAL 20-SIDED POLE STANDARD OCTAGONAL POLE CLIMBING RUNG POLE MID-HINGED COLLAPSIBLE POLE

FLANGE MOUNTED TYPE



Pole(M)	ACROSS FLAT, A/F			BASE FLANGE PLATE				SERVICE DOOR**		J-BOLT		CONCRETE FOOTING		
	A/F-T	A/F-B	Def	Width	C - C	Hole	THK	AGL	Width	Dia.	Length	Width	Height	C - C
4	83	133	1.0	250	195	37 x 20	9	305	90	16	280	300	800	195
6	83	157	1.0	300	220	45 x 26	12	305	100	20	450	400	1000	220
8	83	174	1.0	300	220	45 x 26	12	305	110	20	450	400	1300	220
9	83	186	1.0	300	220	45 x 26	15	610	120	20	450	400	1300	220
10	83	200	1.0	350	260	52 x 30	16	610	120	24	570	450	1300	260
12	83	227	1.0	400	300	56 x 30	18	610	120	24	570	500	1500	300
15	83	258	1.0	400	300	73 x 39	18	610	160	33	840	600	1800	300
18	100	321	1.0	550	400	73 x 39	18	610	180	33	840	T-Shape (18M)		
20	100	350	1.0	550	400	73 x 39	25	610	200	33	840	T-Shape (20M)		
12	100	249	0.5	400	300	56 x 30	18	610	140	24	570	500	1600	300
15	120	346	0.5	550	400	73 x 39	18	610	160	33	840	600	2000	400
18	120	393	0.5	ø650	ø550	ø39	25	610	180	33	840	T-Shape (18M)		
20	120	426	0.5	ø750	ø600	ø39	25	610	200	33	840	T-Shape (20M)		

*All Dimension are in Millimeter (MM) unless stated
** Standard service door length is 450mm except for 4M pole(350mm)

HIGH MAST

High Mast is capable of lighting up large area efficiently at great heights.

Its design is such a way that Maintenance Carriage Ring is able to lower to ground level for ease of maintenance. Our custom locking mechanism designed that utilize gravitational force instead of springs and levers ensure flawless operation over time.

At the heart of High Mast, Mestron employs "Germany Made" winch driving motors as a testament of Mestron Quality System.

OPTION AND ACCESSORIES

- 15M to 45M height
- Lifting capacity 500 kgs to 1000 kgs
- 12 core 2.5mm Electrical System
- Head-Frame to suit all types of Fitting
- Brackets for additional attachment

STANDARD

LIGHTING POLE

by Mestron®

TECHNICAL SPECIFICATION

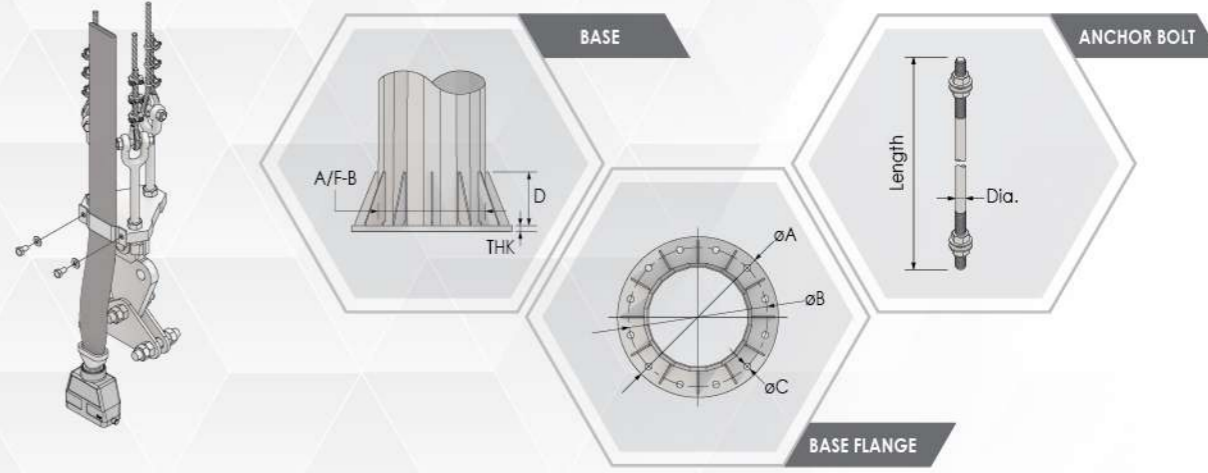
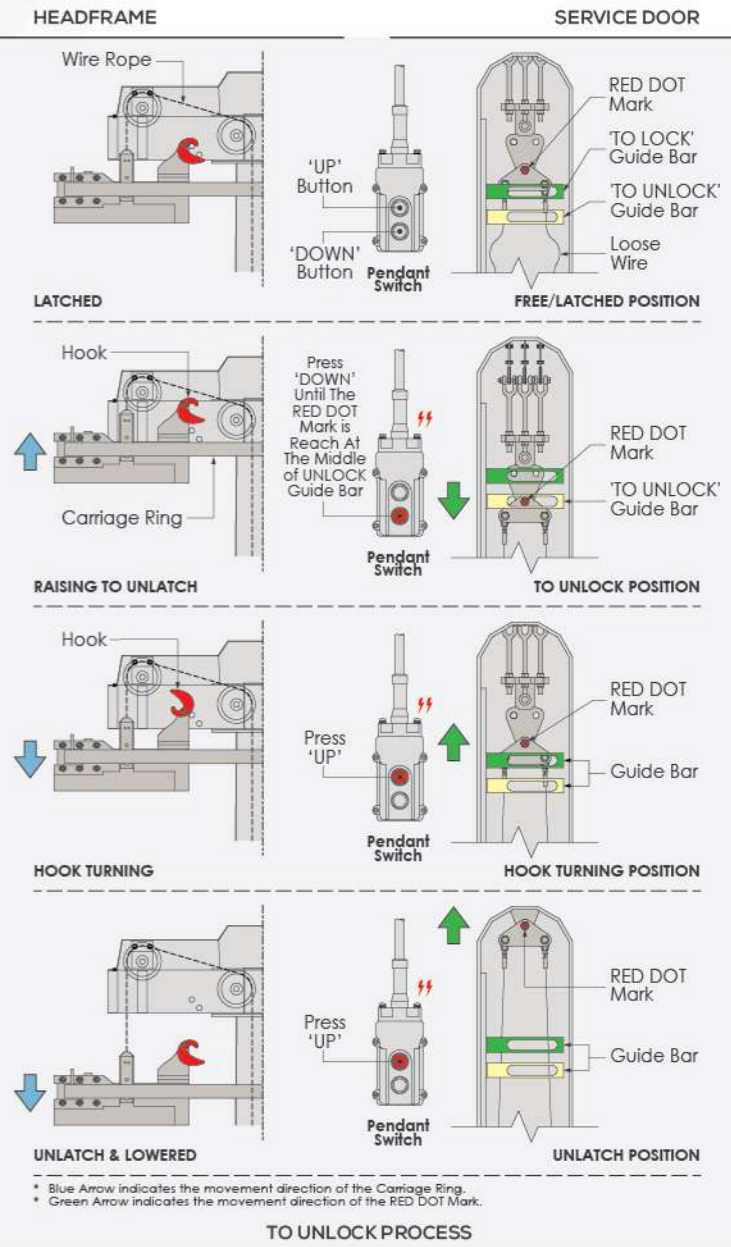
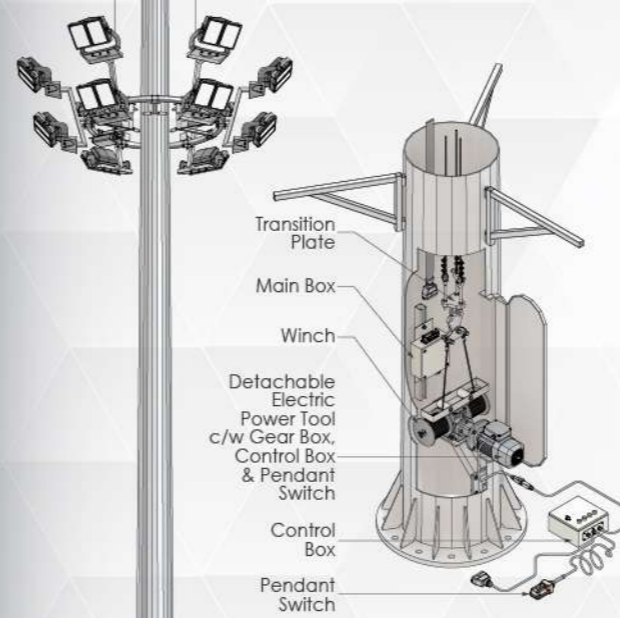
1 LIGHTING POLE COMPLY TO (ILP : 2013) HIGH MAST FOR LIGHTING AND CCTV (2013 EDITION) BY INSTITUTE OF LIGHTING PROFESSIONAL (ILP)

2 DESIGN OF POLE ARE COMPREHENSIVELY ANALYSED USING STAAD. PRO V8i STRUCTURAL DESIGN SOFTWARE TO WITHSTAND 35 M/S WIND-SPEED, TERRAIN ROUGHNESS AND STATISTICAL FACTOR OF 1.0

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4 WELDING PROCESS OF LIGHTING POLE IN COMPLIANCE TO WELDING PROCESS SPECIFICATION AS PER BS EN 1011-2 : 2001

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Pole(M)	ACROSS FLAT, A/F		LIFTING CAPACITY		ANCHOR BOLT			BASE FLANGE			
	A/F-T	A/F-B	Max. (kgs)	Sail Area	Nos	Dia.	Length	øA	øB	øC	THK
20	315	609	800	20.6m ²	12	33	1200	900	780	39	38
25	315	659	800	14.0m ²	12	33	1200	900	780	39	38
30	315	738	800	10.8m ²	12	33	1200	1150	950	39	38
35	255	791	800	5.4m ²	12	33	1200	1150	950	39	38
40	315	858	800	8.0m ²	20	39	1500	1200	1100	45	50
45	264	858	800	3.9m ²	20	39	1500	1200	1100	45	50

*All Dimension are in Millimeter (MM) unless stated.
 ** Design may vary according to request/requirement.
 *** All data presented are based on heavy-duty standard.

STADIUM MAST

Stadium Mast specialize in high concentration lighting to lights up large area efficiently at specific direction typically for sports arena.

Maintenance Hoisting Lift provide lifting from ground to platform level for periodic maintenance.

OPTION AND ACCESSORIES

- 15M to 45M height
- Lifting capacity 200 kgs (2 workers and equipment)
- Option for climbing ladder
- Head-Frame to suit all types of fitting
- Brackets for additional attachment

STANDARD LIGHTING POLE

by Mestron®

TECHNICAL SPECIFICATION

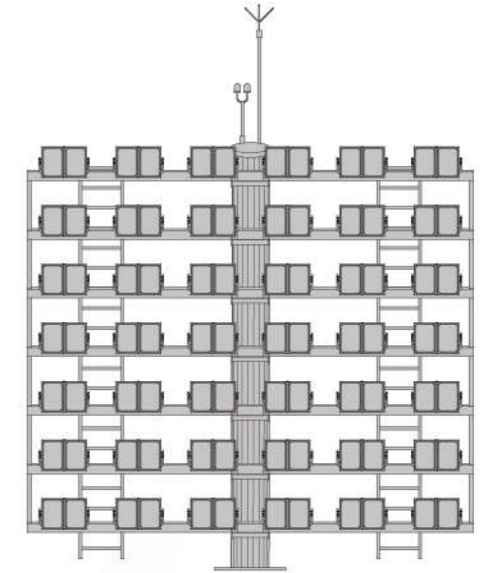
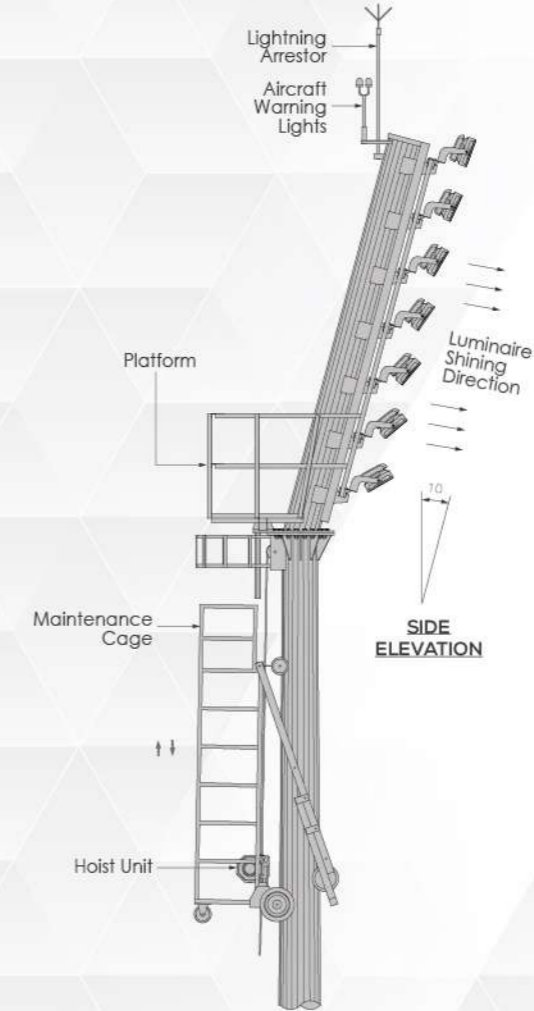
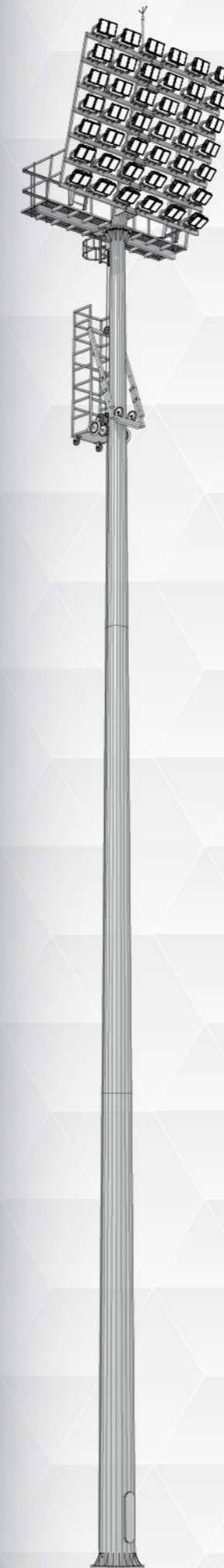
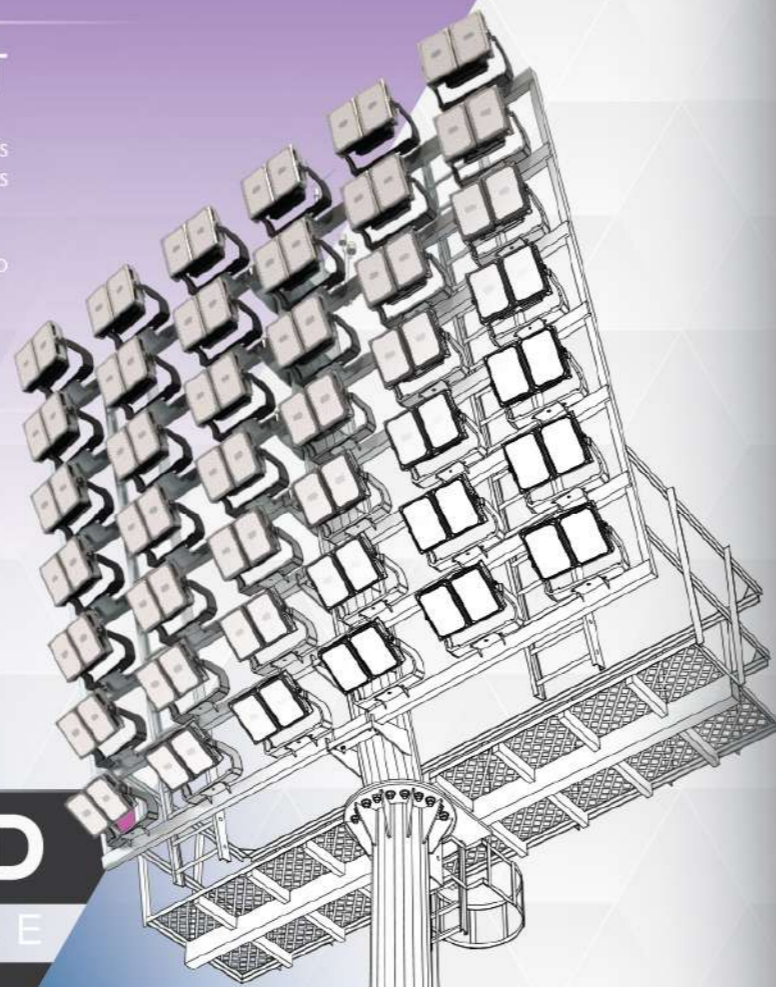
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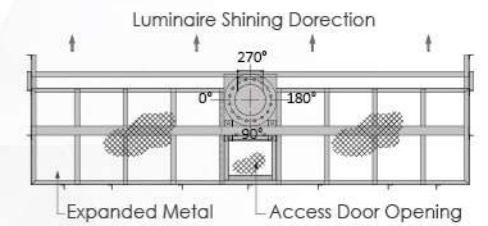
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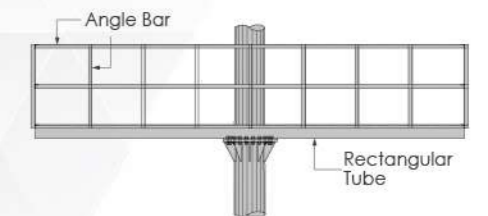
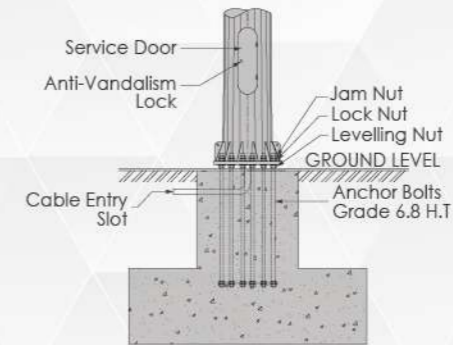
5 PRODUCTS ARE TREATED WITH ANTI-CORROSIVE TREATMENT KNOWN AS HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO BS EN ISO 1461 : 2009



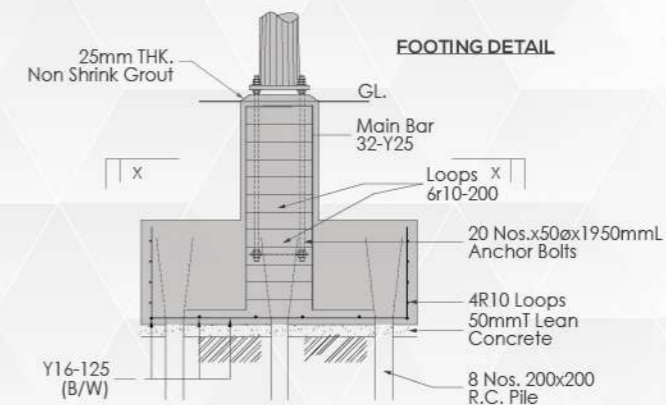
HEAD FRAME FRONT VIEW



PLATFORM PLAN

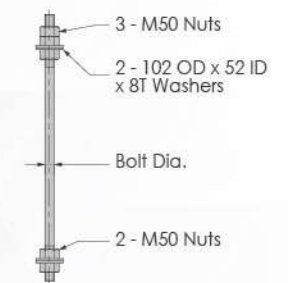


PLATFORM ELEVATION



PILE CAP SECTION

IMPORTANT NOTICE:
FOOTING DETAIL ARE PROVIDED AS A GENERAL GUIDE ONLY. IT IS A RESPONSIBILITY OF THE CONTRACTOR TO SEEK PROFESSIONAL ENGINEER'S VERIFICATION AND ADVISE



ANCHOR BOLT GR.6.8

PRODUCT LIST



ELEGANT Lighting Pole Series

p27-30



EXCLUSIVE Lighting Pole Series

p31-34

DECORATIVE LIGHTING POLE

by Mestron®

DECORATIVE LIGHTING POLE

by Mestron®

new model

ELEGANT SERIES

MESTRON's Decorative Lighting Pole is more than just a light source — it's a way to add charm and style to outdoor spaces. Designed to be both functional and attractive, these poles brighten streets, parks, and walkways while enhancing the look and feel of the area.

OPTION & ACCESSORIES

- Height from 6M ~ 12M
- Customize design to suit theme
- Custom color finishing
- Flag holder
- Retractable banner holder
- Fiberglass service door
- Anchor bolts base cover

Product Application

Applicable for public/private roads, highways, residential areas, pedestrian walkways, and others.

Color Options

Standard



Black
RAL7075

Optional Color



Dark Grey
RAL7043



Light Grey
RAL7045



Silver
RAL9006

MES 2K26-EL01



MES 2K26-EL02



MES 2K26-EL03

MES 2K26-EL04

new model



MES 2K26-EL05

MES 2K26-EL06

MES 2K26-EL07

MES 2K26-EL08



MES 2K26-EL09

MES 2K26-EL10

MES 2K26-EL11

MES 2K26-EL12

DECORATIVE LIGHTING POLE by Mestron®

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EXCLUSIVE SERIES

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Optional Color



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RAL7045



Silver
RAL9006

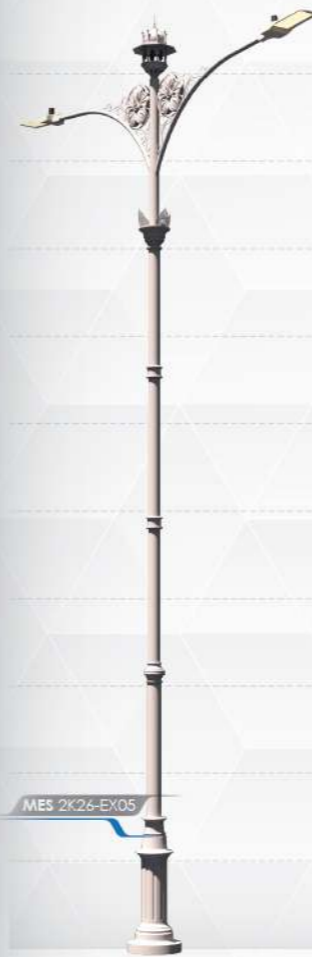
MES 2K26-EX01



MES 2K26-EX02



MES 2K26-EX05



MES 2K26-EX06



MES 2K26-EX07



MES 2K26-EX08



MES 2K26-EX03



MES 2K26-EX04



MES 2K26-EX09



MES 2K26-EX10



MES 2K26-EX11



MES 2K26-EX12



DECORATIVE LIGHTING POLE by Mestron®



DECORATIVE LIGHTING POLE by Mestron®



PRODUCT LIST



MES CL-2K26-01
p37-38



MES CL-2K26-02
p39-40



MES CL-2K26-03
p41-42



MES CL-2K26-04
p43-44

NEW MODEL - Compound Lighting Series



MES CL-1001
p45



MES CL-1002
p46



MES CL-1005
p47



MES CL-1006
p48



MES CL-1007
p49



MES CL-1008
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MES CL-1010
p51



MES CL-1011
p52



MES CL-1012
p53



MES CL-1013
p54



MES CL-1014
p55



MES CL-1015
p56

COLLECTION - Compound Lighting Series

STRADA MES CL-2K26-01



PRODUCT INTRODUCTION

Luminaires combine efficiency, aesthetics, and visual comfort. With its timeless elegance and high-performance luminosity, this lamp is a unique toll for illuminating city centers, squares, bike lanes, residential streets, and parking lots.

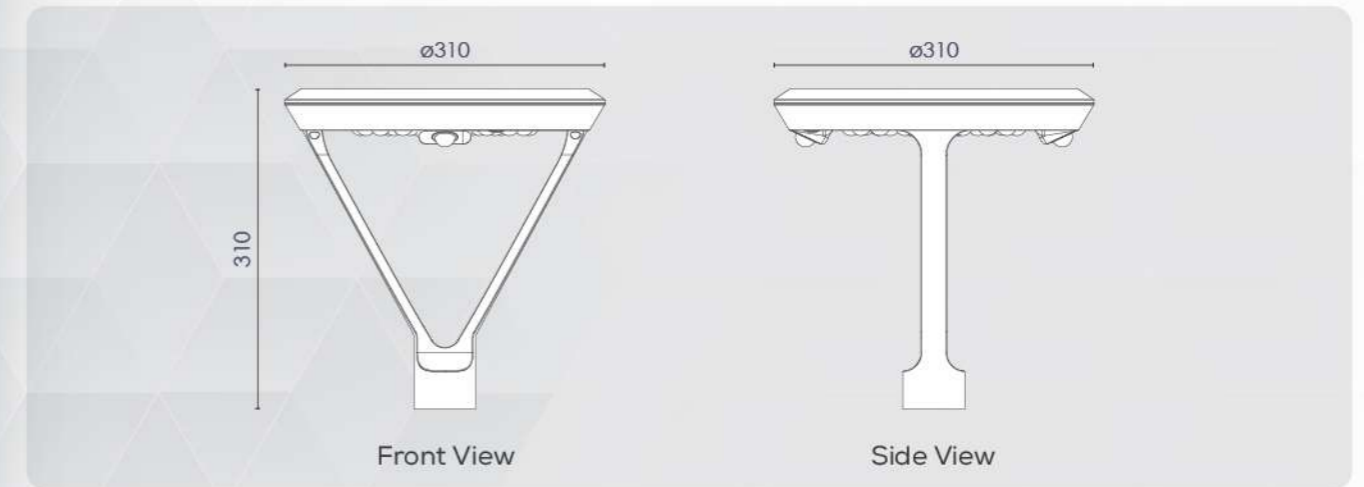
The lamp body is made of high-strength and high hardness synthetic material, and the diffuser cover is made of UV resistant clear white polycarbonate, which has excellent optical performance and uniform light distribution; Create a warm atmosphere while significantly saving energy.



solar
COMPOUND
LIGHTING

by Mestron®

Product Dimensions (mm)



Technical Specifications

Model No.	MES CL-2K26-01
Rated Power	20W
System Voltage	DC 3.2V
Battery	Lithium Battery 3.2V/8000mAh
Solar PV	Mono 7W/5V
Luminous Flux	2000lm
Color Temp.	3000K/4000K/6500K
Rendering Index	Ra≥70
IP Rating	IP65
IK Rating	IK08
Operation Temp.	-10°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H
Controller	PWM/MPPT
Charging Time	6-8 Hours in direct sunlight
Spigot	ø60mm
Dimension	ø310mm*310mm
Installation Height	2m ~ 4m



360° Sensor



High Power LED



Applications



CORSA MES CL-2K26-02



PRODUCT INTRODUCTION

Luminaires combine efficiency, aesthetics, and visual comfort. With its timeless elegance and high-performance luminosity, this lamp is a unique toll for illuminating city centers, squares, bike lanes, residential streets, and parking lots.

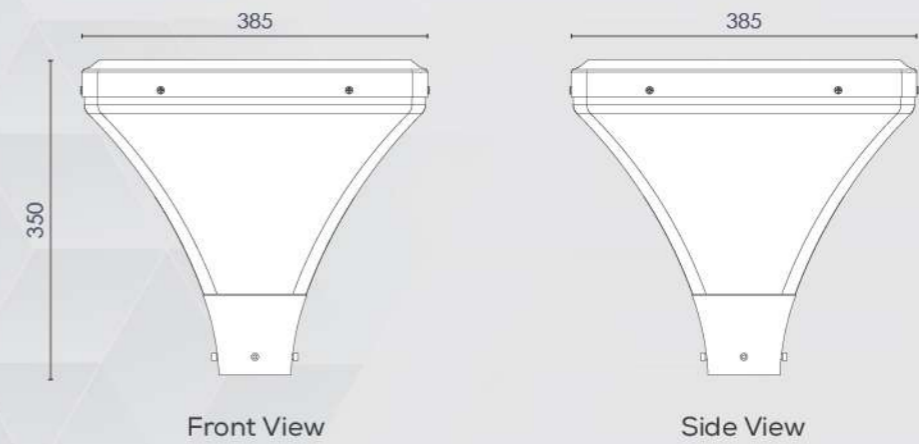
The lamp body is made of high-strength and high hardness synthetic material, and the prismatic diffuser cover is made of UV resistant clear white polycarbonate, which has excellent optical performance and uniform light distribution; Create a warm atmosphere while significantly saving energy.



solar
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Product Dimensions (mm)



Technical Specifications

Model No.	MES CL-2K26-02
Rated Power	15W
System Voltage	DC 3.7V
Battery	Lithium Battery 3.7V/20000mAh
Solar PV	Mono 20W/5.5V
Luminous Flux	1500lm
Color Temp.	3000K/4000K/6500K
Rendering Index	Ra≥70
IP Rating	IP65
IK Rating	IK08
Operation Temp.	-10°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H
Controller	PWM/MPPT
Charging Time	6-8 Hours in direct sunlight
Spigot	ø76mm
Dimension	385mm*385mm*350mm
Installation Height	2m ~ 4m



Anti-UV PC Lampshade



High Power LED



Applications



TERRA MES CL-2K26-03



PRODUCT INTRODUCTION

Luminaires combine efficiency, aesthetics, and visual comfort. With its timeless elegance and high-performance luminosity, this lamp is a unique toll for illuminating city centers, squares, bike lanes, residential streets, and parking lots.

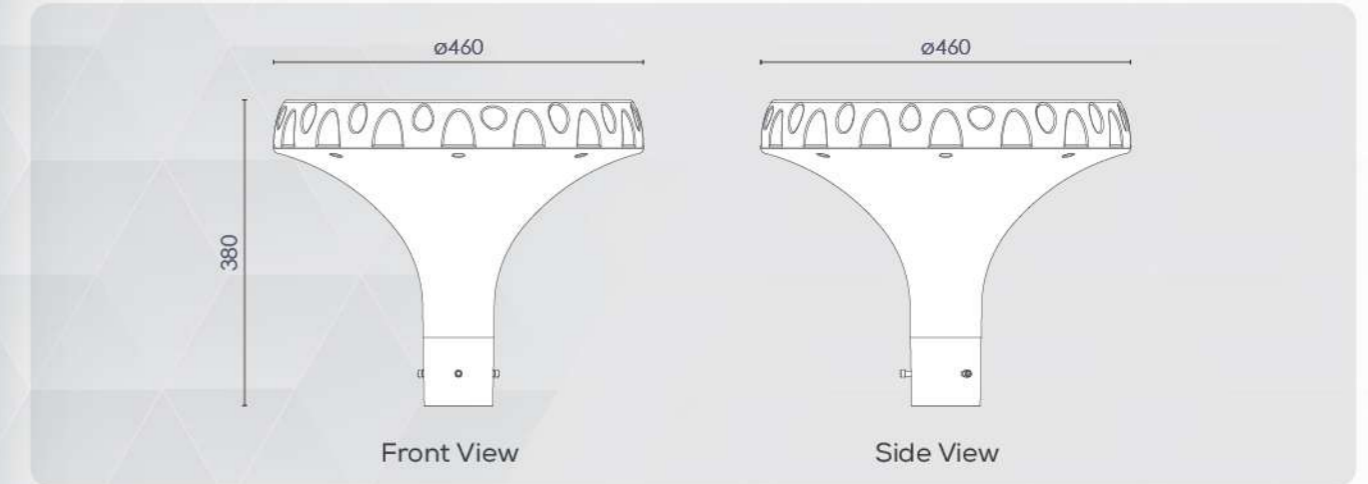
The lamp body is made of high-strength and high hardness synthetic material, and the diffuser cover is made of UV resistant frosted white polycarbonate, which has excellent optical performance and uniform light distribution; Create a warm atmosphere while significantly saving energy.



solar
COMPOUND
LIGHTING

by Mestron®

Product Dimensions (mm)

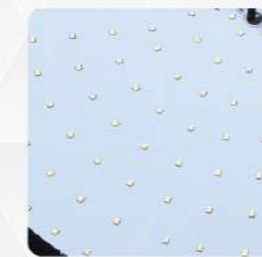


Technical Specifications

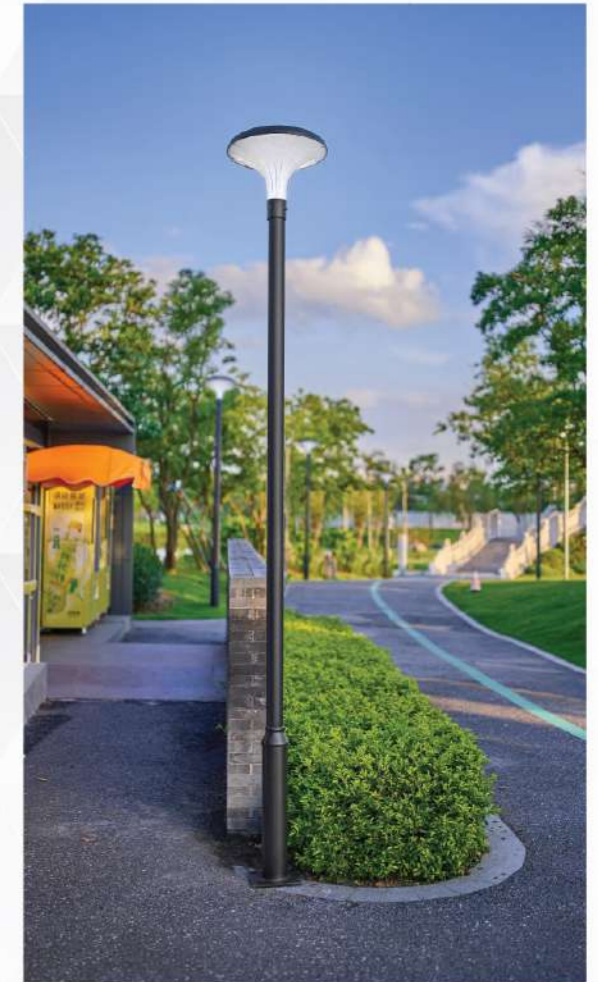
Model No.	MES CL-2K26-03
Rated Power	18W
System Voltage	DC 3.2V
Battery	Lithium Battery 3.2V/20000mAh
Solar PV	Mono 20W/5V
Luminous Flux	1800lm
Color Temp.	3000K/4000K/6500K
Rendering Index	Ra≥70
IP Rating	IP65
IK Rating	IK08
Operation Temp.	-10°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H
Controller	PWM/MPPT
Charging Time	6-8 Hours in direct sunlight
Spigot	ø76mm
Dimension	ø460mm*380mm
Installation Height	2m ~ 4m



Anti-UV PC Lampshade



High Power LED



Applications



SABBIA MES CL-2K26-04



PRODUCT INTRODUCTION

Luminaires combine efficiency, aesthetics, and visual comfort. With its timeless elegance and high-performance luminosity, this lamp is a unique toll for illuminating city centers, squares, bike lanes, residential streets, and parking lots.

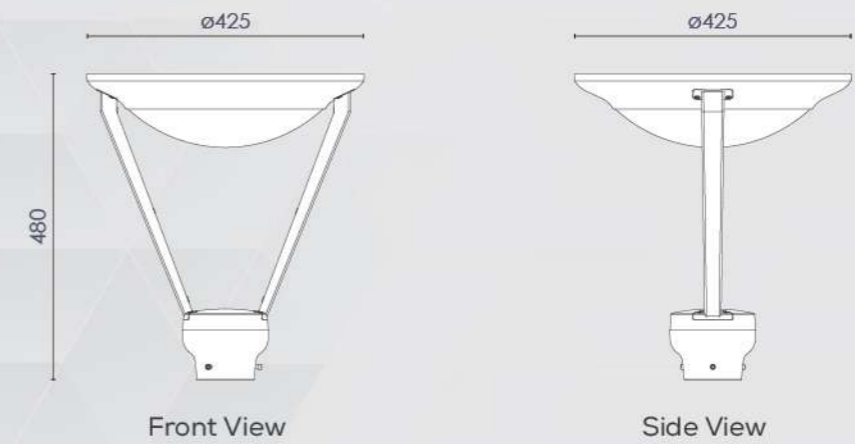
The lamp body is made of high-strength and high hardness synthetic material, and the diffuser cover is made of UV resistant milky white polycarbonate, which has excellent optical performance and uniform light distribution; Create a warm atmosphere while significantly saving energy.



solar
COMPOUND
LIGHTING

by Mestron®

Product Dimensions (mm)



Technical Specifications

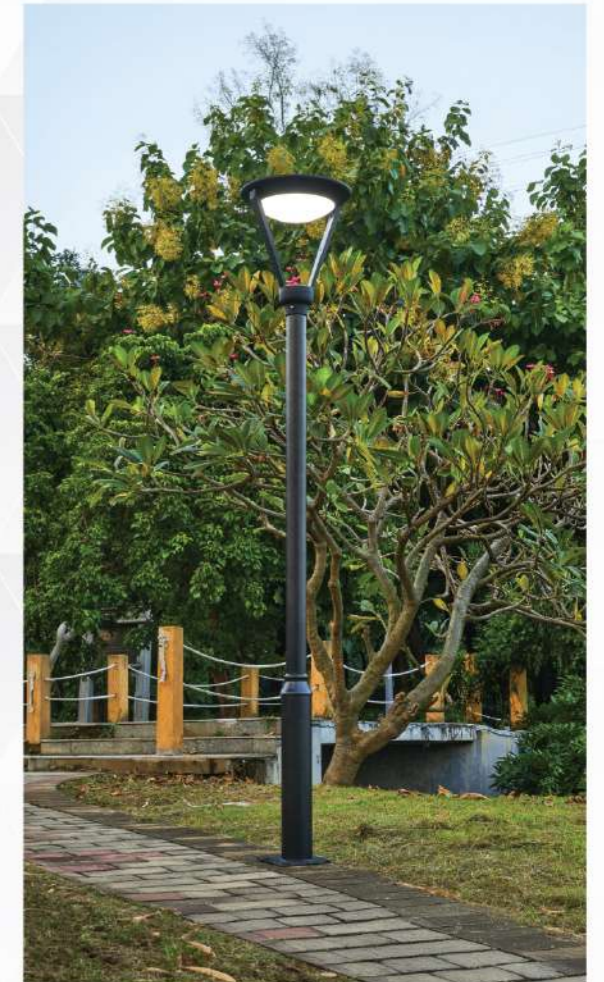
Model No.	MES CL-2K26-04
Rated Power	15W
System Voltage	DC 3.2V
Battery	Lithium Battery 3.2V/20000mAh
Solar PV	Mono 20W/5V
Luminous Flux	1500lm
Color Temp.	3000K/4000K/6500K
Rendering Index	Ra≥70
IP Rating	IP65
IK Rating	IK08
Operation Temp.	-10°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H
Controller	PWM/MPPT
Charging Time	6-8 Hours in direct sunlight
Spigot	ø76mm
Dimension	ø425mm*480mm
Installation Height	2m ~ 4m



Anti-UV PC Lampshade



Spigot



Applications



BASILIA MES CL-1001

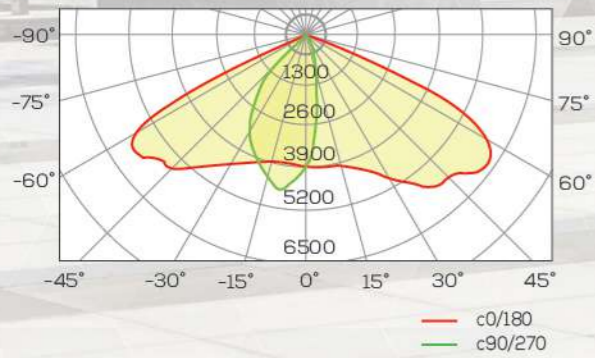
Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.



COMPOUND
LIGHTING
by Mestron®

Photometric Data



Dimension



Luminaire Specifications

110-277VAC 50/60 Hz | IP65/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1001	60W	≥6300lm	CREE/OSRAM	MW/Inventronics	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	6.0 kg	76mm			

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated



CALLYSA MES CL-1002

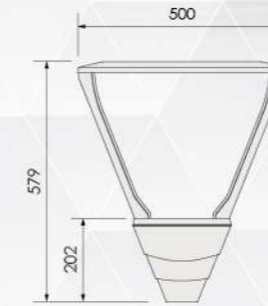
Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.

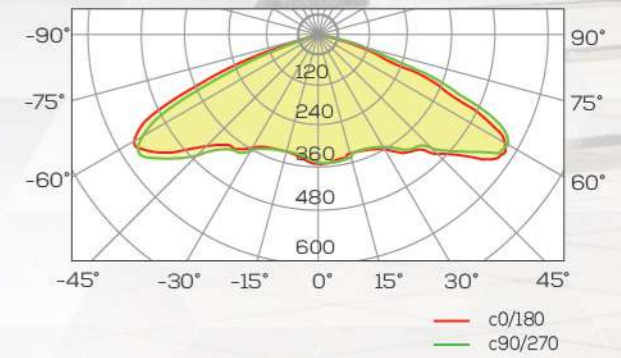


COMPOUND
LIGHTING
by Mestron®

Dimension



Photometric Data



Luminaire Specifications

110-277VAC 50/60 Hz | IP65/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1002	60W	6300lm	CREE/OSRAM	MW/Inventronics	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	11.0 kg	60mm			

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated



MOLISE MES CL-1005

Features

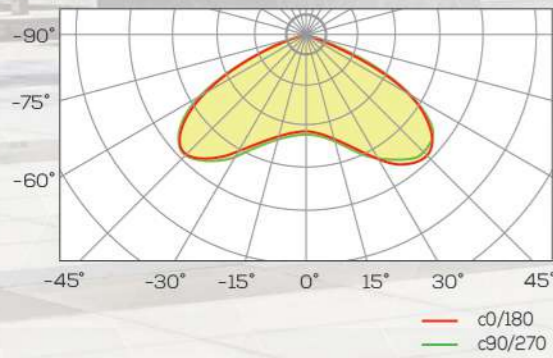
- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.



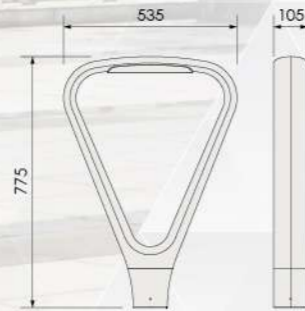
COMPOUND
LIGHTING

by Mestron®

Photometric Data



Dimension



Luminaire Specifications

110-277VAC 50/60 Hz | IP65/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1005	60W 80W	6600-7200lm 8800-9600lm	CREE/OSRAM/ Philips	MW/Inventronics	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	13.5 kg	60/76mm			

Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
2. Total Lumen is according to project's requirements
3. All dimensions are in millimeter(MM) unless stated



VERONICA MES CL-1006

Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.



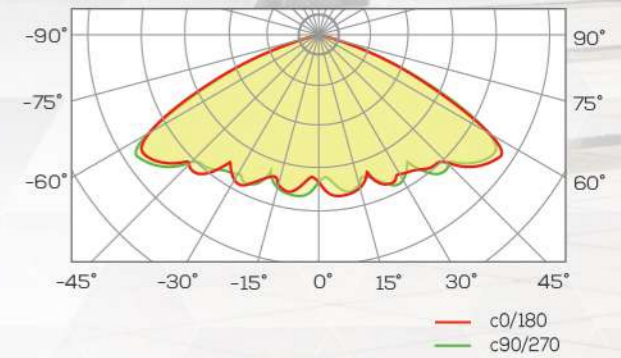
COMPOUND
LIGHTING

by Mestron®

Dimension



Photometric Data



Luminaire Specifications

180-270VAC 50/60 Hz | IP66/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Beam Angle	Power Factor	CCT	CRI
MES CL-1006	30W 60W	1480-1550lm 3020-3170lm	LED	150x150°	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	5.7 kg 5.9 kg	89mm			

Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
2. Total Lumen is according to project's requirements
3. All dimensions are in millimeter(MM) unless stated



LASSO MES CL-1007

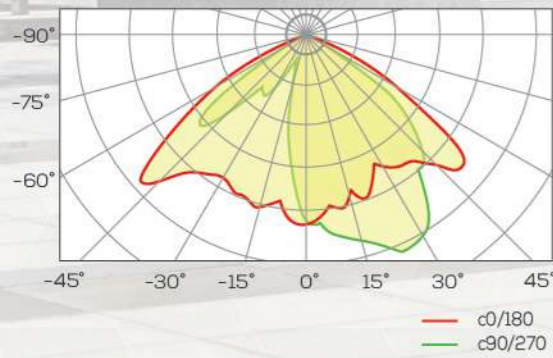
Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.

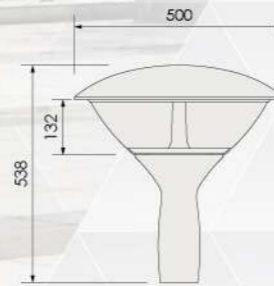


COMPOUND
LIGHTING
by Mestron®

Photometric Data



Dimension



Luminaire Specifications

180-270VAC 50/60 Hz | IP66/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Beam Angle	Power Factor	CCT	CRI
MES CL-1007	30W 60W 90W	≥2320lm ≥4620lm ≥7390lm	LED	150x150°	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	5.7 kg 5.9 kg 7.1 kg	89mm			

Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
2. Total Lumen is according to project's requirements
3. All dimensions are in millimeter(MM) unless stated



VIENTO MES CL-1008

Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.

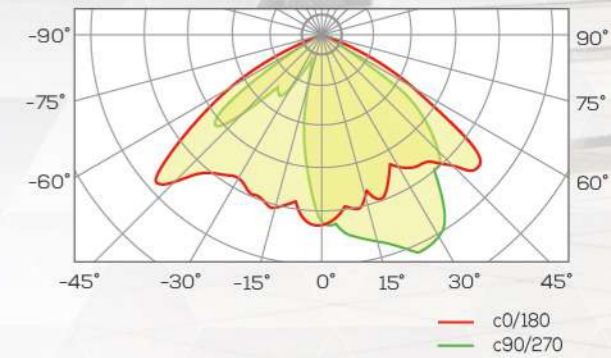


COMPOUND
LIGHTING
by Mestron®

Dimension



Photometric Data



Luminaire Specifications

180-270VAC 50/60 Hz | IP66/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Beam Angle	Power Factor	CCT	CRI
MES CL-1008	30W 60W 90W	≥2450lm ≥4950lm ≥7430lm	LED	150x150°	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	6.3 kg 6.6 kg 6.8 kg	89mm			

Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
2. Total Lumen is according to project's requirements
3. All dimensions are in millimeter(MM) unless stated



CARISSA MES CL-1010

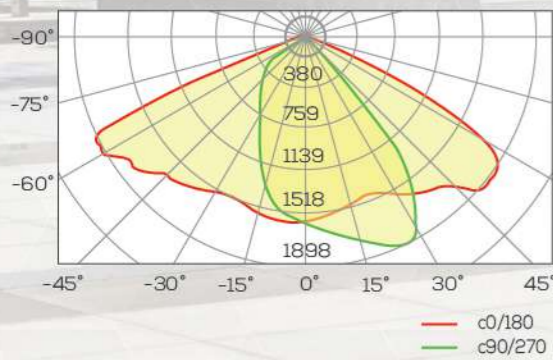
Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.

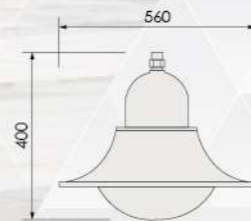


COMPOUND
LIGHTING
by Mestron®

Photometric Data



Dimension



Luminaire Specifications

110-277VAC 50/60 Hz | IP65/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1010	30W 60W 90W	≥3150lm ≥6300lm ≥9450lm	OSRAM/Philips	MW/Inventronics	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	7.5 kg	32mm			

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated



MILANO MES CL-1011

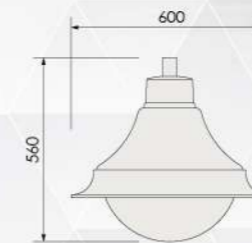
Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.

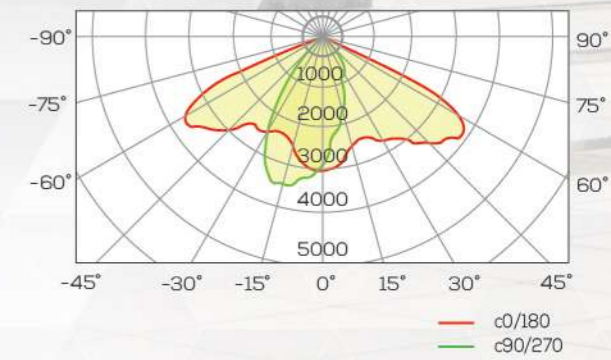


COMPOUND
LIGHTING
by Mestron®

Dimension



Photometric Data



Luminaire Specifications

110-277VAC 50/60 Hz | IP65/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1011	30W 60W 90W	≥2700lm ≥5400lm ≥8100lm	OSRAM/Philips	MW/Inventronics	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	12.0 kg 12.5 kg 13.0 kg	32mm			

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated



STRAWBERRY MES CL-1012

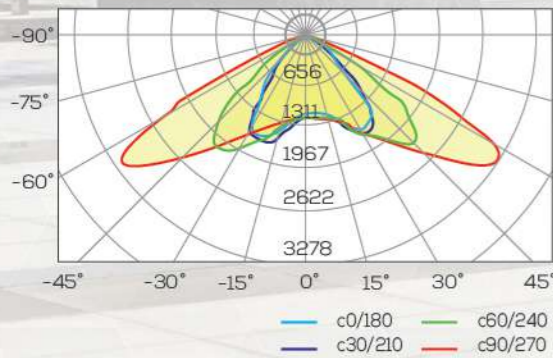
Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.

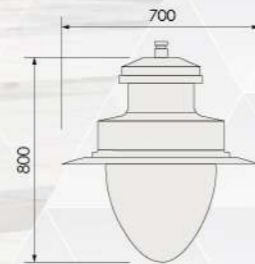


COMPOUND
LIGHTING
by Mestron®

Photometric Data



Dimension



Luminaire Specifications

110-277VAC 50/60 Hz | IP65/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1012	30W 60W 90W	≥2700lm ≥5400lm ≥8100lm	OSRAM/Philips	MW/Inventronics	>0.9	3000K-6500K	>70
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-40°C to 60°C	50,000 hours	Die-cast Aluminium	12.0 kg	32mm			

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated



DIAMENTE MES CL-1013

Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.

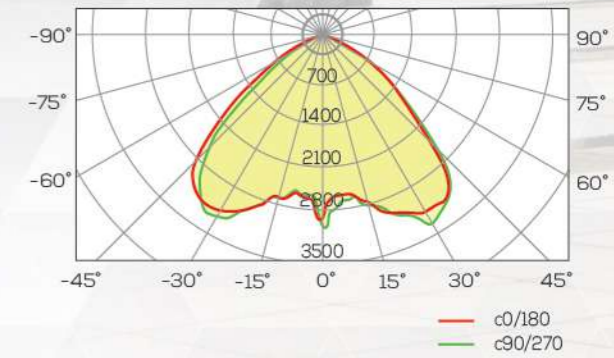


COMPOUND
LIGHTING
by Mestron®

Dimension



Photometric Data



Luminaire Specifications

100-240VAC 50/60 Hz | IP66/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1013	30W 60W 90W	≥2865lm ≥5744lm ≥8565lm	OSRAM/CREE	MW/OSRAM/Philips	>0.9	3000K-6000K	>80
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-35°C to 50°C	50,000 hours	Die-cast Aluminium	8.5 kg 8.7 kg 8.9 kg	60mm/76mm			

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated



ELISE MES CL-1014

Features

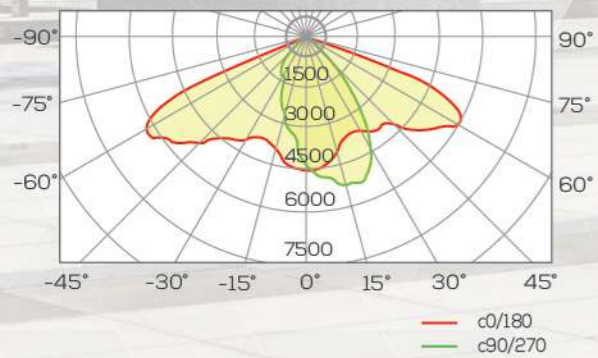
- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.



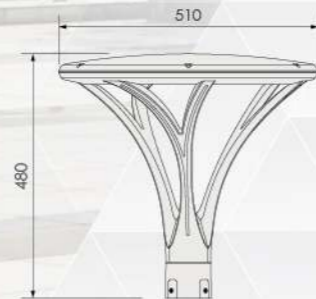
COMPOUND
LIGHTING

by Mestron®

Photometric Data



Dimension



Luminaire Specifications

100-270VAC 50/60 Hz | IP65/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1014	30W 60W 90W	≥3044lm ≥6111lm ≥9087lm	OSRAM/CREE	MW/OSRAM/Sosen	>0.9	3000K-6000K	>80
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-35°C to 50°C	50,000 hours	Die-cast Aluminium	>8.0kg ± 0.2	60mm/76mm			

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated



AESTER MES CL-1015

Features

- Designed with excellent downward symmetrical light distribution
- Optical system gives very low glare rating, while reducing light pollution.
- Die-cast aluminum housing with high corrosion resistance
- Finished with high quality powder coated paint
- Stainless steel locking screws.
- Durable silicone rubber gasket
- Clear toughened glass diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed for lighting of entrances, footpaths and car parks.



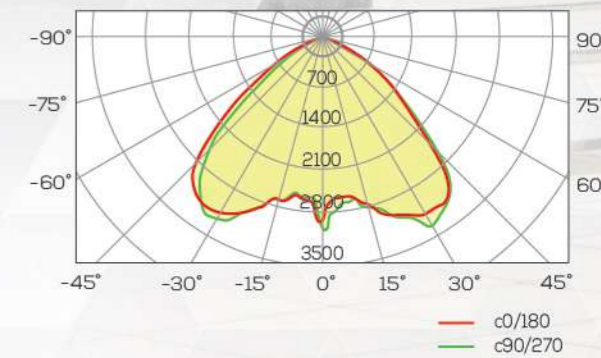
COMPOUND
LIGHTING

by Mestron®

Dimension



Photometric Data



Luminaire Specifications

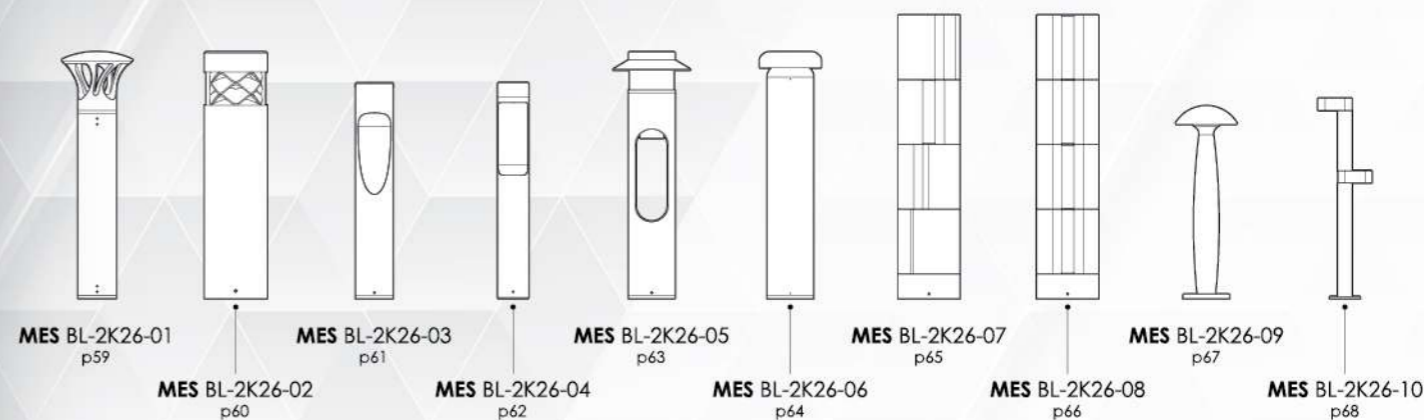
100-240VAC 50/60 Hz | IP66/IK08 | CLASS 1

Product Code	Wattage	Total Lumen	Chip Brand	Driver Brand	Power Factor	CCT	CRI
MES CL-1015	30W 60W 90W	≥2877lm ≥5633lm ≥8564lm	OSRAM/CREE	MW/OSRAM/Sosen	>0.9	3000K-6000K	>80
Working Temperature	Life Span (Hours)	Material	Net Weight	Installation Spigot			
-35°C to 50°C	50,000 hours	Die-cast Aluminium	8.1 kg 8.3 kg 8.4 kg	60mm/76mm			

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated



PRODUCT LIST



NEW MODEL - Bollard Lighting Series



COLLECTION - Bollard Lighting Series

BOLLARD

LIGHTING

by Mestron®

new model

MES BL-2K26-01



TECHNICAL SPECIFICATION

Product Code	MES BL-2K26-01
Input Power	220-240V, 50/60Hz
Wattage	10W 15W
Lumen Efficacy	60lm/W
Light Source	LUMILEDS
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	60°
Protection Class	IP65
Material	Die-cast Aluminum

Remark :

1. Total Lumen is according to project's requirements
2. All dimensions are in millimeter(MM) unless stated
3. All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options



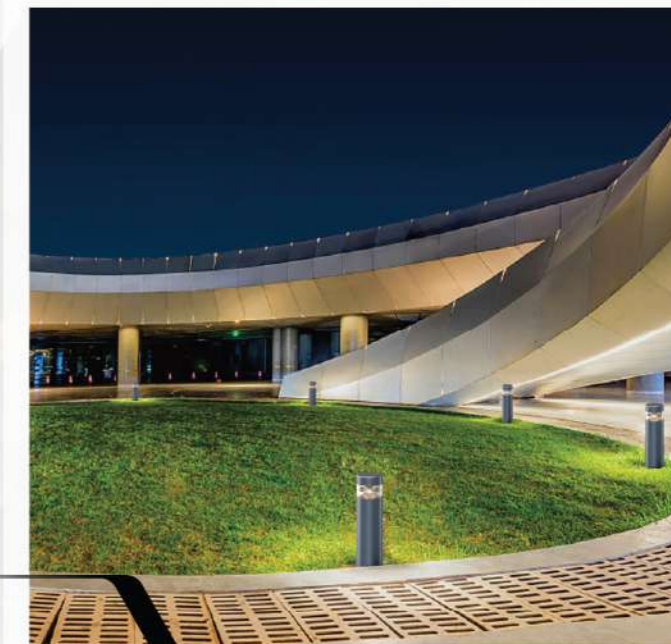
BOLLARD

LIGHTING

by Mestron®

new model

MES BL-2K26-02



TECHNICAL SPECIFICATION

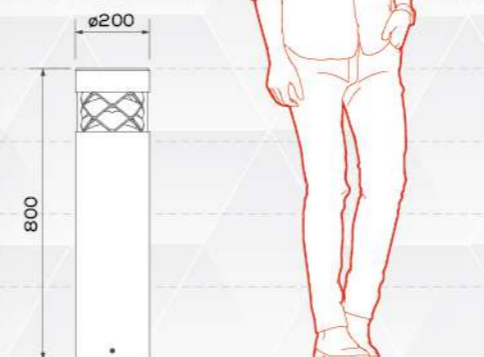
Product Code	MES BL-2K26-02
Input Power	220-240V, 50/60Hz
Wattage	10W
Lumen	450lm
Light Source	SANAN
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	60°
Protection Class	IP65
Material	Die-cast Aluminum

Remark :

1. Total Lumen is according to project's requirements
2. All dimensions are in millimeter(MM) unless stated
3. All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options



BOLLARD

LIGHTING

by Mestron®

new model

MES BL-2K26-03



TECHNICAL SPECIFICATION

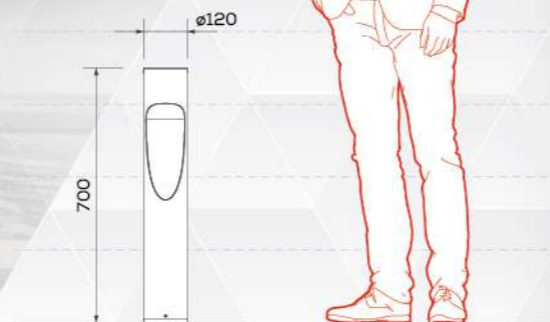
Product Code	MES BL-2K26-03
Input Power	220-240V, 50/60Hz
Wattage	10W
Lumen	450lm
Light Source	CREE
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	110°
Protection Class	IP65
Material	Die-cast Aluminum

Remark :

1. Total Lumen is according to project's requirements
2. All dimensions are in millimeter(MM) unless stated
3. All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options



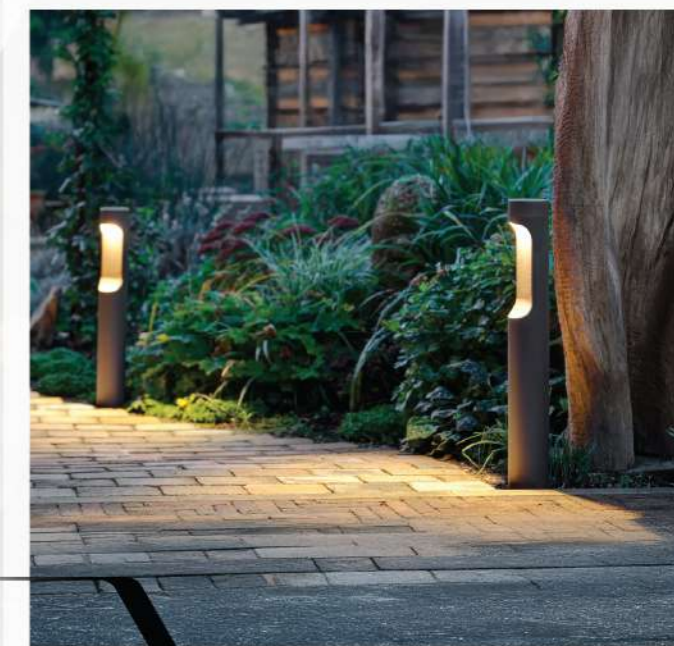
BOLLARD

LIGHTING

by Mestron®

new model

MES BL-2K26-04



TECHNICAL SPECIFICATION

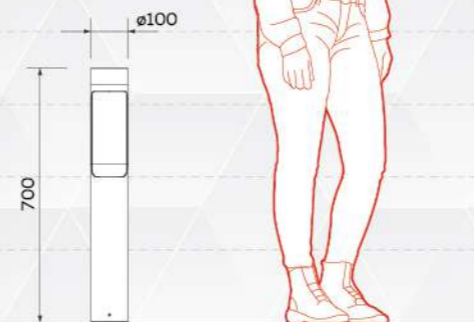
Product Code	MES BL-2K26-04
Input Power	220-240V, 50/60Hz
Wattage	7W
Lumen Efficacy	500lm
Light Source	CREE
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	60°
Protection Class	IP65
Material	Die-cast Aluminum

Remark :

1. Total Lumen is according to project's requirements
2. All dimensions are in millimeter(MM) unless stated
3. All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options



BOLLARD

LIGHTING

by Mestron®

new model

MES BL-2K26-05



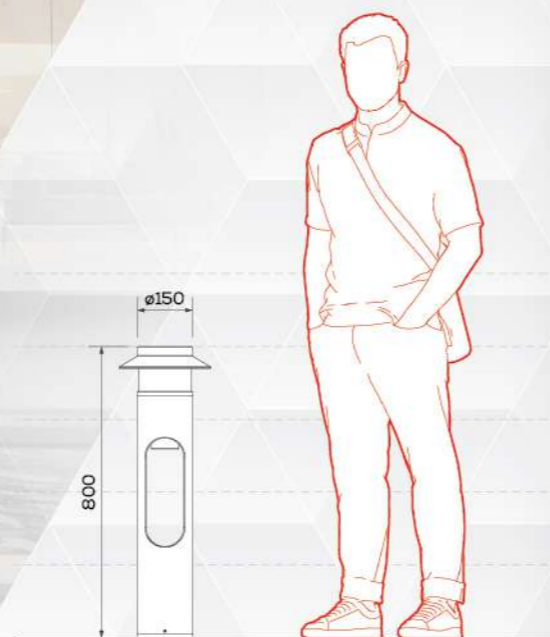
TECHNICAL SPECIFICATION

Product Code	MES BL-2K26-05
Input Power	220-240V, 50/60Hz
Wattage	10W
Lumen	600lm
Light Source	LUMILEDS
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	90°
Protection Class	IP65
Material	Die-cast Aluminum

- Remark :
- Total Lumen is according to project's requirements
 - All dimensions are in millimeter(MM) unless stated
 - All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options



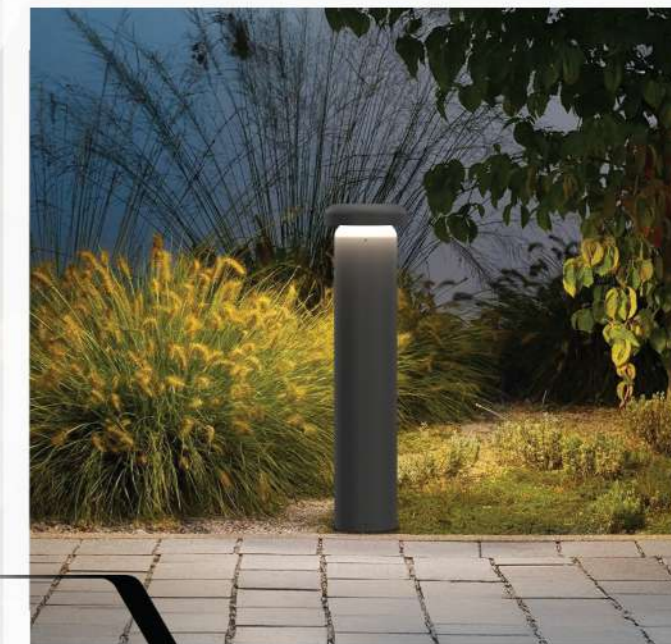
BOLLARD

LIGHTING

by Mestron®

new model

MES BL-2K26-06



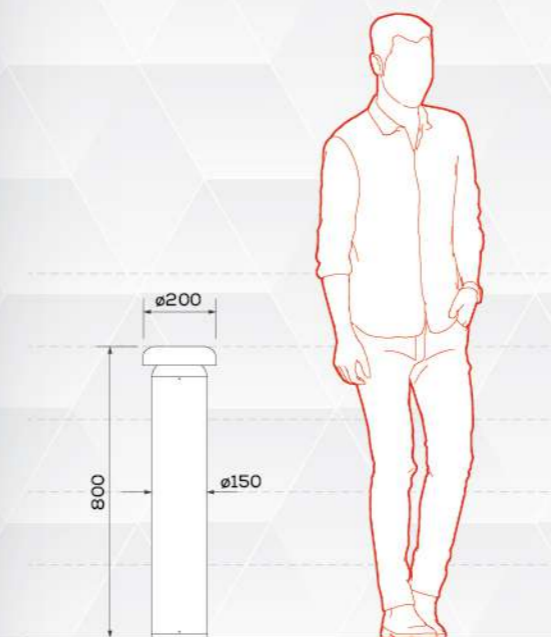
TECHNICAL SPECIFICATION

Product Code	MES BL-2K26-06
Input Power	220-240V, 50/60Hz
Wattage	10W
Lumen	500lm
Light Source	LUMILEDS
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	90°
Protection Class	IP65
Material	Die-cast Aluminum

- Remark :
- Total Lumen is according to project's requirements
 - All dimensions are in millimeter(MM) unless stated
 - All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options



BOLLARD

LIGHTING

by Mestron®

new model

MES BL-2K26-07



TECHNICAL SPECIFICATION

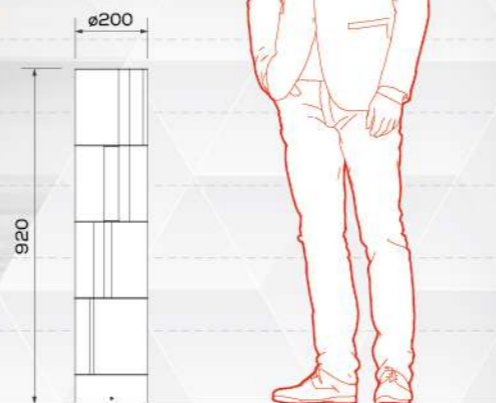
Product Code	MES BL-2K26-07
Input Power	220-240V, 50/60Hz
Wattage	10W
Lumen	560lm
Light Source	LUMILEDS
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	-
Protection Class	IP65
Material	Die-cast Aluminum

Remark :

1. Total Lumen is according to project's requirements
2. All dimensions are in millimeter(MM) unless stated
3. All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options



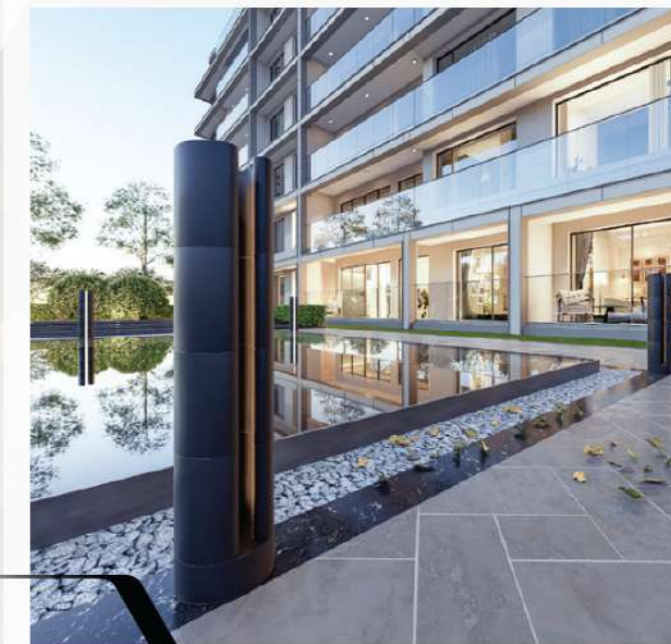
BOLLARD

LIGHTING

by Mestron®

new model

MES BL-2K26-08



TECHNICAL SPECIFICATION

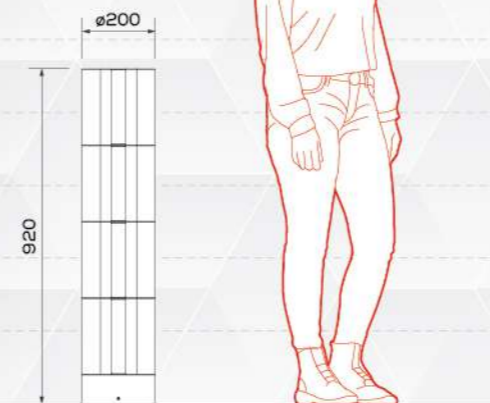
Product Code	MES BL-2K26-08
Input Power	220-240V, 50/60Hz
Wattage	10W
Lumen	560lm
Light Source	LUMILEDS
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	-
Protection Class	IP65
Material	Die-cast Aluminum

Remark :

1. Total Lumen is according to project's requirements
2. All dimensions are in millimeter(MM) unless stated
3. All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options



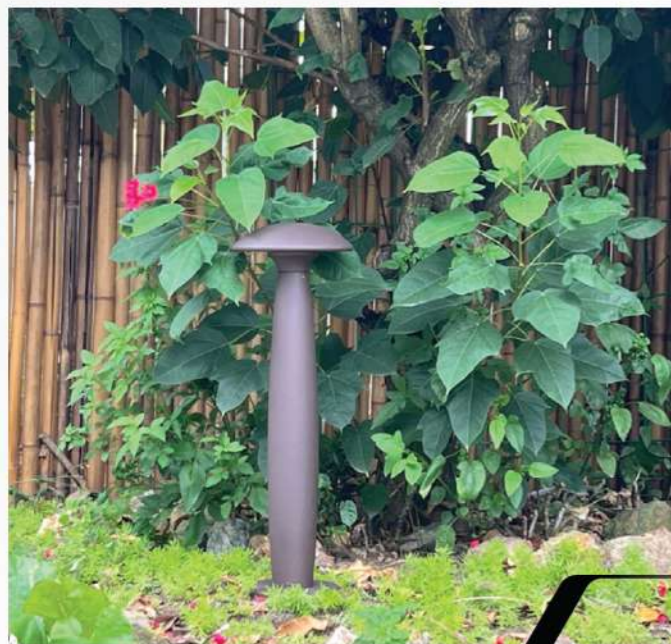
BOLLARD

LIGHTING

new model

by Mestron®

MES BL-2K26-09



TECHNICAL SPECIFICATION

Product Code	MES BL-2K26-09
Input Power	220-240V, 50/60Hz
Wattage	10W
Lumen	600lm
Light Source	LUMILEDS
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	90°
Protection Class	IP65
Material	Die-cast Aluminum

Remark :

1. Total Lumen is according to project's requirements
2. All dimensions are in millimeter(MM) unless stated
3. All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options

Standard



Sanded Black
RAL9005

Optional Color



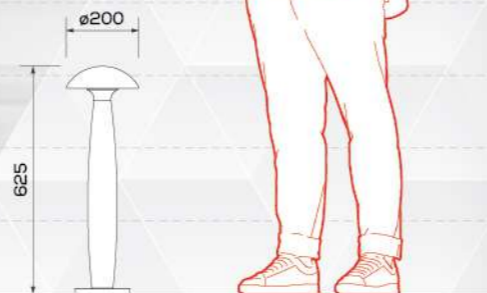
Sanded Dark Grey
RAL7024



Sanded Light Grey
RAL7037



Sanded White
RAL9003



BOLLARD

LIGHTING

new model

by Mestron®

MES BL-2K26-10



TECHNICAL SPECIFICATION

Product Code	MES BL-2K26-10
Input Power	220-240V, 50/60Hz
Wattage	2 x 8W
Lumen	960lm
Light Source	BRIDGELUX
Color Temperature	3000K/4000K/6000K
Color Rendering Index, CRI	Ra>80
Beam Angle	80°
Protection Class	IP65
Material	Die-cast Aluminum

Remark :

1. Total Lumen is according to project's requirements
2. All dimensions are in millimeter(MM) unless stated
3. All data shown is for reference only. Mestron has right to change product specifications without prior notice.



Color Options

Standard



Sanded Black
RAL9005

Optional Color



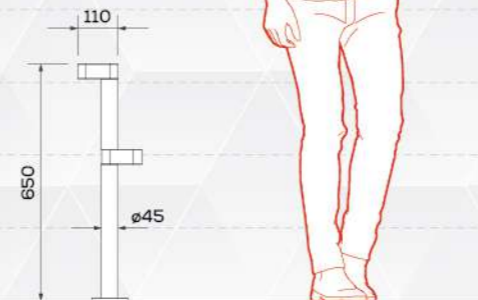
Sanded Dark Grey
RAL7024



Sanded Light Grey
RAL7037



Sanded White
RAL9003



BOLLARD

LIGHTING

by Mestron®

MES BL-1001



Technical Specifications



Product Code	MES BL-1001
Input Power	85-265V, 50/60Hz
Wattage	12W
Lumen Efficacy	90-110lm/W
Power Factor	≥0.9
Light Source	LED
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	800 x 210(Base)



BOLLARD

LIGHTING

by Mestron®

MES BL-1004



Technical Specifications

Product Code	MES BL-1004
Input Power	85-265V, 50/60Hz
Wattage	7W 10W
Lumen Efficacy	90-110lm/W
Power Factor	≥0.9
Light Source	LED
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x ø149(Base)



MES BL-1002



Technical Specifications



Product Code	MES BL-1002
Input Power	85-265V, 50/60Hz
Wattage	12W 24W
Lumen Efficacy	90-110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	800 x 200



MES BL-1005



Technical Specifications

Product Code	MES BL-1005
Input Power	85-265V, 50/60Hz
Wattage	7W 10W
Lumen Efficacy	90-110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x 163



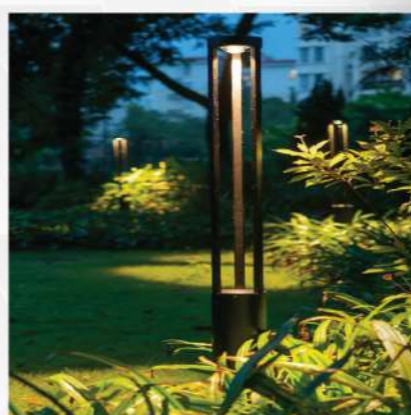
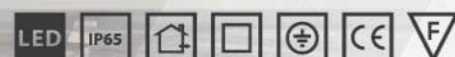
MES BL-1003



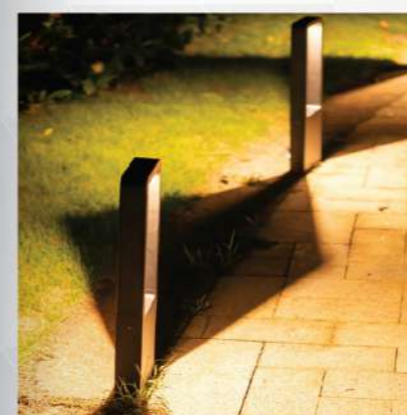
Technical Specifications



Product Code	MES BL-1003
Input Power	85-265V, 50/60Hz
Wattage	12W 24W
Lumen Efficacy	90-110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	800 x ø200



MES BL-1006



Technical Specifications

Product Code	MES BL-1006
Input Power	85-265V, 50/60Hz
Wattage	12W 24W
Lumen Efficacy	90-110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x 163



Standard Colors



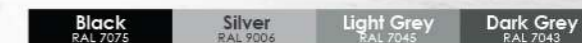
Product Application

Applicable for pedestrian walkway, car park, garden lighting, lawn lighting and others.

Product Application

Applicable for pedestrian walkway, car park, garden lighting, lawn lighting and others.

Standard Colors



BOLLARD LIGHTING

by Mestron®

MES BL-1007

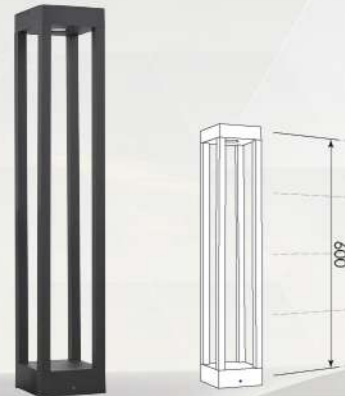


Technical Specifications

Product Code	MES BL-1007
Input Power	85-265V, 50/60Hz
Wattage	12W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	SMD 2835
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x ø120(Base)



MES BL-1008



Technical Specifications

Product Code	MES BL-1008
Input Power	85-265V, 50/60Hz
Wattage	7W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x 111

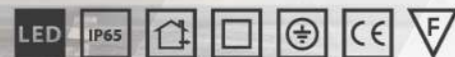


MES BL-1009



Technical Specifications

Product Code	MES BL-1009
Input Power	100-265V, 50/60Hz
Wattage	7W ~ 15W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	PLCE / E27 LED Bulb
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	790 x 225(Base)



Standard Colors



Product Application

Applicable for pedestrian walkway, car park, garden lighting, lawn lighting and others.

BOLLARD LIGHTING

by Mestron®

MES BL-1010



Technical Specifications

Product Code	MES BL-1010
Input Power	85-265V, 50/60Hz
Wattage	7W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	500 x ø300



MES BL-1011



Technical Specifications

Product Code	MES BL-1011
Input Power	100-265V, 50/60Hz
Wattage	7W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x 200(Base)



MES BL-1012



Technical Specifications

Product Code	MES BL-1012
Input Power	100-265V, 50/60Hz
Wattage	7W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x ø90



Standard Colors



Product Application

Applicable for pedestrian walkway, car park, garden lighting, lawn lighting and others.

BOLLARD


LIGHTING

by Mestron®

MES BL-1013



Technical Specifications


	Product Code	MES BL-1013
	Input Power	100-265V, 50/60Hz
	Wattage	7W
	Lumen Efficacy	90~110lm/W
	Power Factor	≥0.9
	Light Source	LED COB
	Color Temperature	3000K/4000K/6500K
	Protection Class	IP65
	Insulation Class	Class II
	Material	Aluminum
	Dimension (mm)	600 x 116

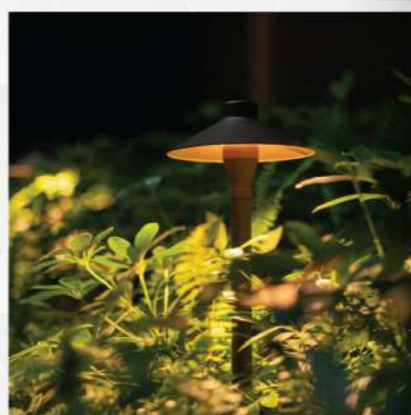


MES BL-1014



Technical Specifications

	Product Code	MES BL-1014
	Input Power	85-265V, 50/60Hz
	Wattage	7W
	Lumen Efficacy	90~110lm/W
	Power Factor	≥0.9
	Light Source	LED COB
	Color Temperature	3000K/4000K/6500K
	Protection Class	IP65
	Insulation Class	Class II
	Material	Aluminum
	Dimension (mm)	460 x ø170

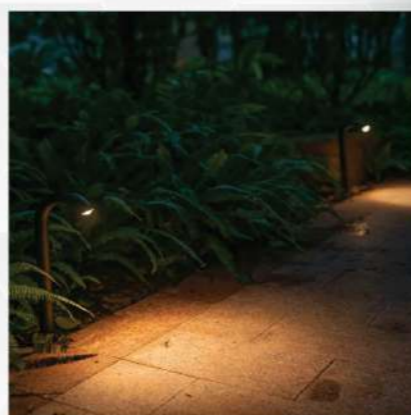
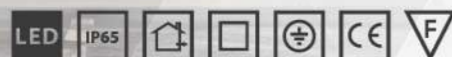


MES BL-1015



Technical Specifications

	Product Code	MES BL-1015
	Input Power	100-265V, 50/60Hz
	Wattage	7W
	Lumen Efficacy	90~110lm/W
	Power Factor	≥0.9
	Light Source	LED COB
	Color Temperature	3000K/4000K/6500K
	Protection Class	IP65
	Insulation Class	Class II
	Material	Aluminum
	Dimension (mm)	600 x ø90(Base)



Standard Colors



Product Application

Applicable for pedestrian walkway, car park, garden lighting, lawn lighting and others.

BOLLARD

LIGHTING

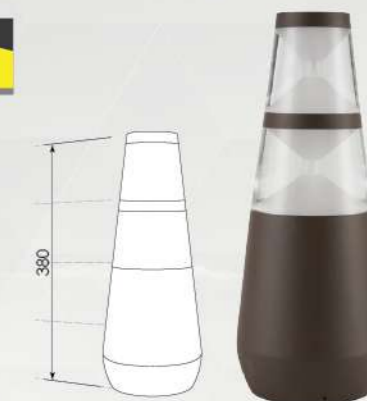
by Mestron®

MES BL-1016

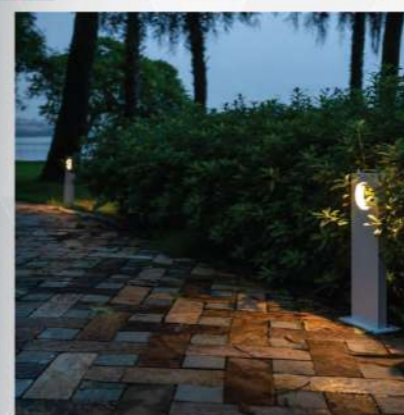


Technical Specifications

	Product Code	MES BL-1016
	Input Power	85-265V, 50/60Hz
	Wattage	7W
	Lumen Efficacy	90~110lm/W
	Power Factor	≥0.9
	Light Source	LED COB
	Color Temperature	3000K/4000K/6500K
	Protection Class	IP65
	Insulation Class	Class II
	Material	Aluminum
	Dimension (mm)	380 x ø125(Base)



MES BL-1017

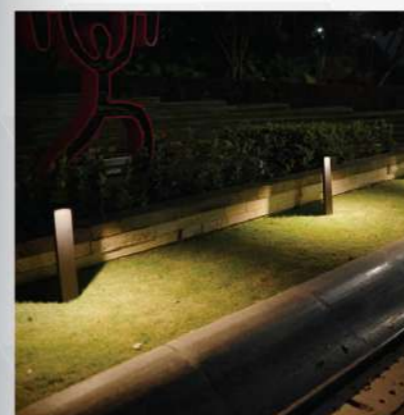


Technical Specifications


	Product Code	MES BL-1017
	Input Power	85-265V, 50/60Hz
	Wattage	7W
	Lumen Efficacy	90~110lm/W
	Power Factor	≥0.9
	Light Source	LED COB
	Color Temperature	3000K/4000K/6500K
	Protection Class	IP65
	Insulation Class	Class II
	Material	Aluminum
	Dimension (mm)	500 x 180(Base)



MES BL-1018

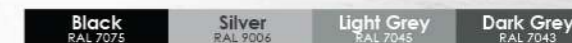


Technical Specifications

	Product Code	MES BL-1018
	Input Power	85-265V, 50/60Hz
	Wattage	7W
	Lumen Efficacy	90~110lm/W
	Power Factor	≥0.9
	Light Source	LED COB
	Color Temperature	3000K/4000K/6500K
	Protection Class	IP65
	Insulation Class	Class II
	Material	Aluminum
	Dimension (mm)	600 x 100(Base)



Standard Colors



Product Application

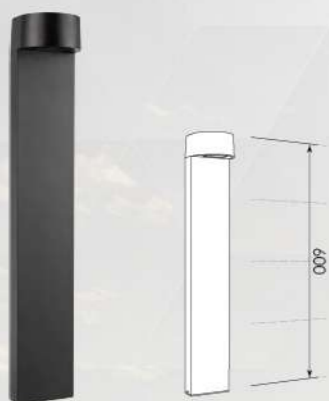
Applicable for pedestrian walkway, car park, garden lighting, lawn lighting and others.

BOLLARD

LIGHTING

by Mestron®

MES BL-1019



Technical Specifications

Product Code	MES BL-1019
Input Power	85-265V, 50/60Hz
Wattage	7W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x 100



BOLLARD

LIGHTING

by Mestron®

MES BL-1022



Technical Specifications

Product Code	MES BL-1022
Input Power	85-265V, 50/60Hz
Wattage	5W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	SMD 2835
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x 100



MES BL-1020

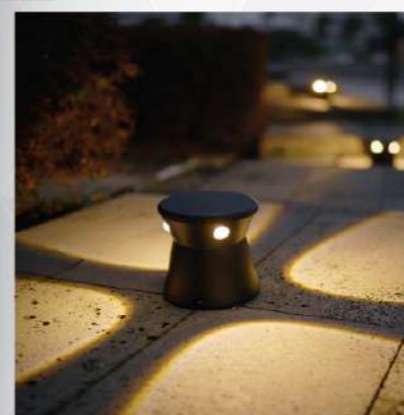


Technical Specifications

Product Code	MES BL-1020
Input Power	85-265V, 50/60Hz
Wattage	7W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x ø164



MES BL-1023



Technical Specifications

Product Code	MES BL-1023
Input Power	100-265V, 50/60Hz
Wattage	4 x 1W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	146 x ø149



MES BL-1021



Technical Specifications

Product Code	MES BL-1021
Input Power	85-265V, 50/60Hz
Wattage	7W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	SMD 2835
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	600 x 160



MES BL-1024



Technical Specifications

Product Code	MES BL-1024
Input Power	100-265V, 50/60Hz
Wattage	4W
Lumen Efficacy	90~110lm/W
Power Factor	≥0.9
Light Source	LED COB
Color Temperature	3000K/4000K/6500K
Protection Class	IP65
Insulation Class	Class II
Material	Aluminum
Dimension (mm)	760 x ø150



Standard Colors



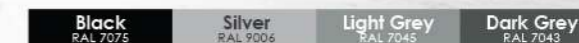
Product Application

Applicable for pedestrian walkway, car park, garden lighting, lawn lighting and others.

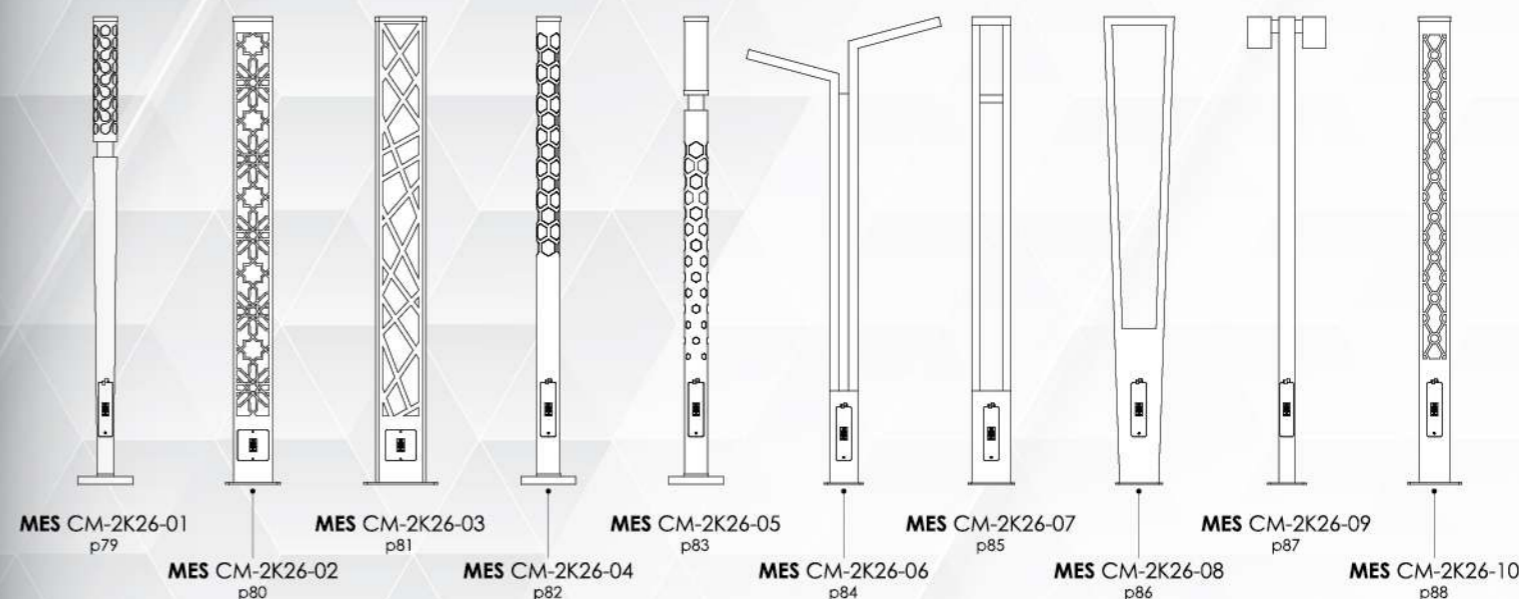
Product Application

Applicable for pedestrian walkway, car park, garden lighting, lawn lighting and others.

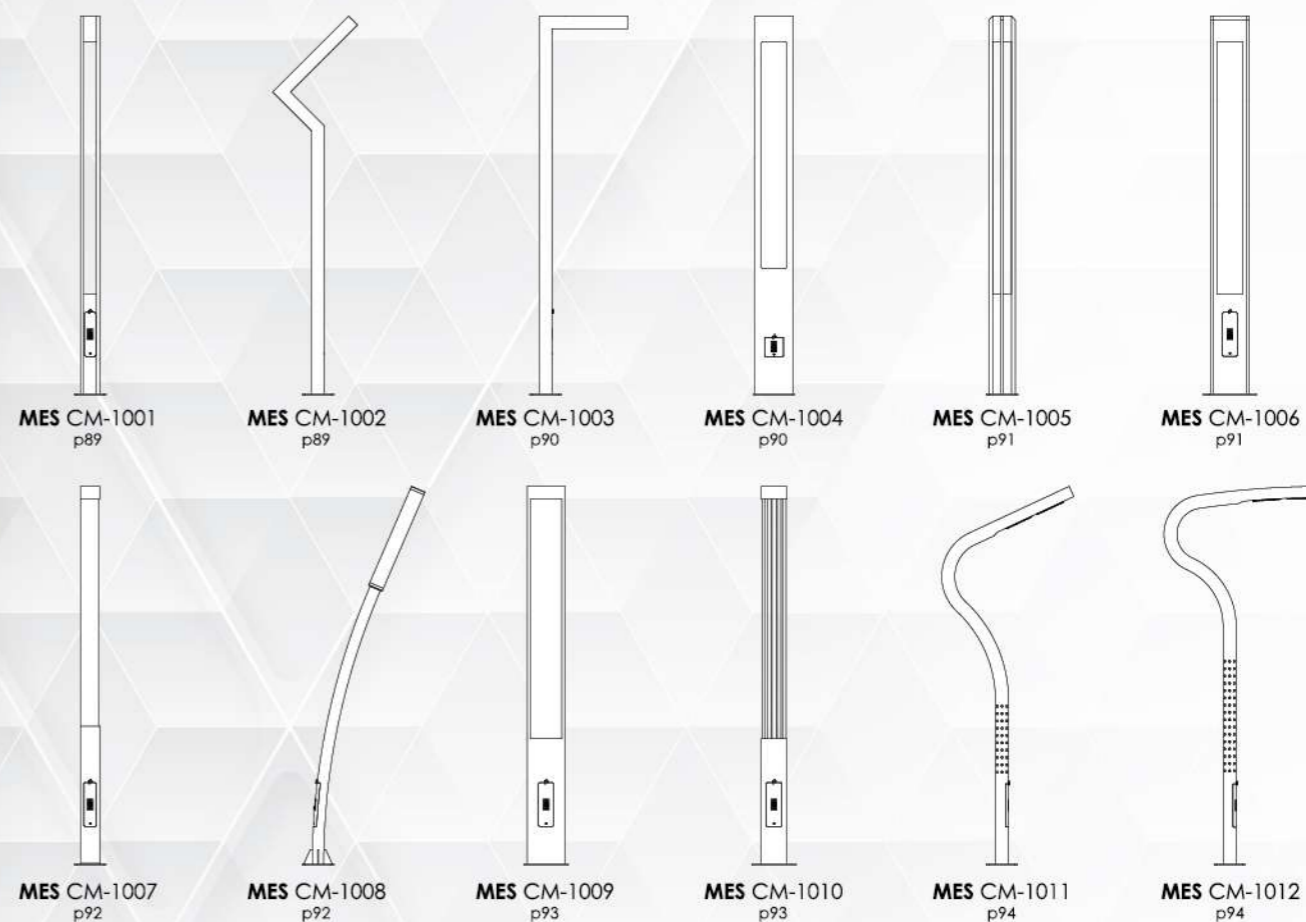
Standard Colors



PRODUCT LIST



NEW MODEL - Column Lighting Series



COLLECTION - Column Lighting Series

COLUMN LIGHTING

by Mestron®

BERYL MES CM-2K26-01

new model

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING

by Mestron®

Dimension

TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-01
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



new model

BIXBITE MES CM-2K26-02

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING

by Mestron®

Dimension

TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-02
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



BLIZZARD MES CM-2K26-03



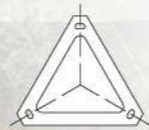
Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING

by Mestron®

Dimension



TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-03
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



CARNELIAN MES CM-2K26-04

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING

by Mestron®

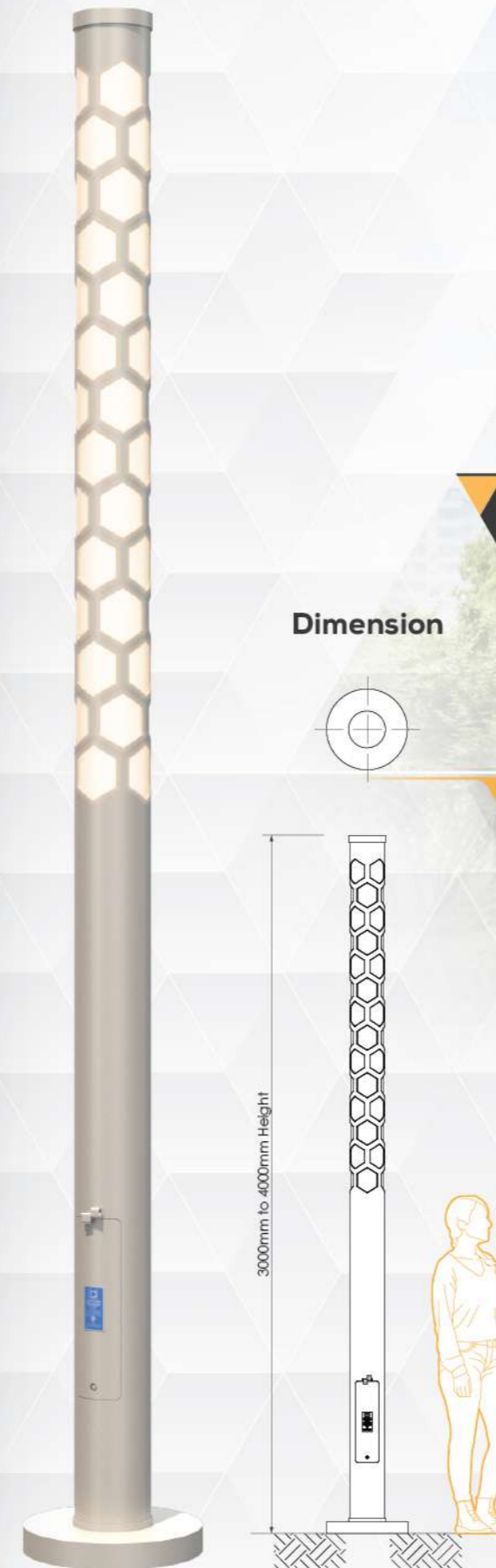
Dimension



TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-04
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



CITRINE MES CM-2K26-05

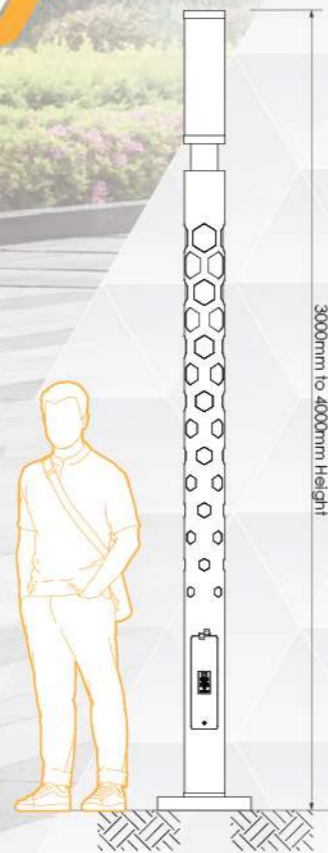
new model

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING
by Mestron®

Dimension



TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-05
Rated Power	30W ~ 60W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



new model

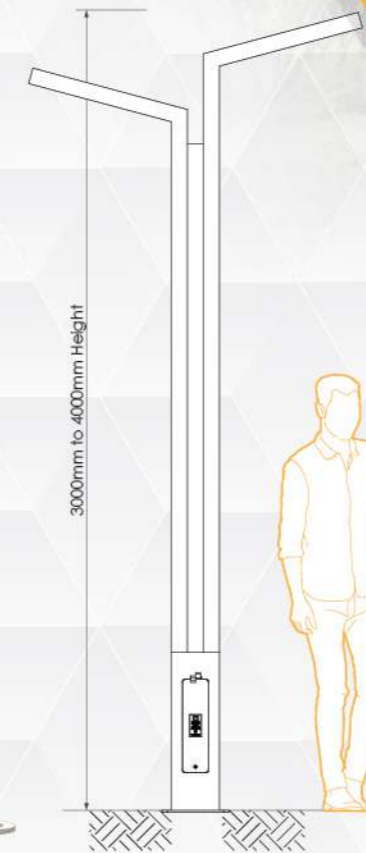
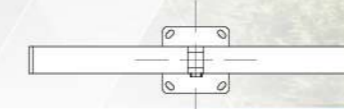
DIOPSIDE MES CM-2K26-06

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING
by Mestron®

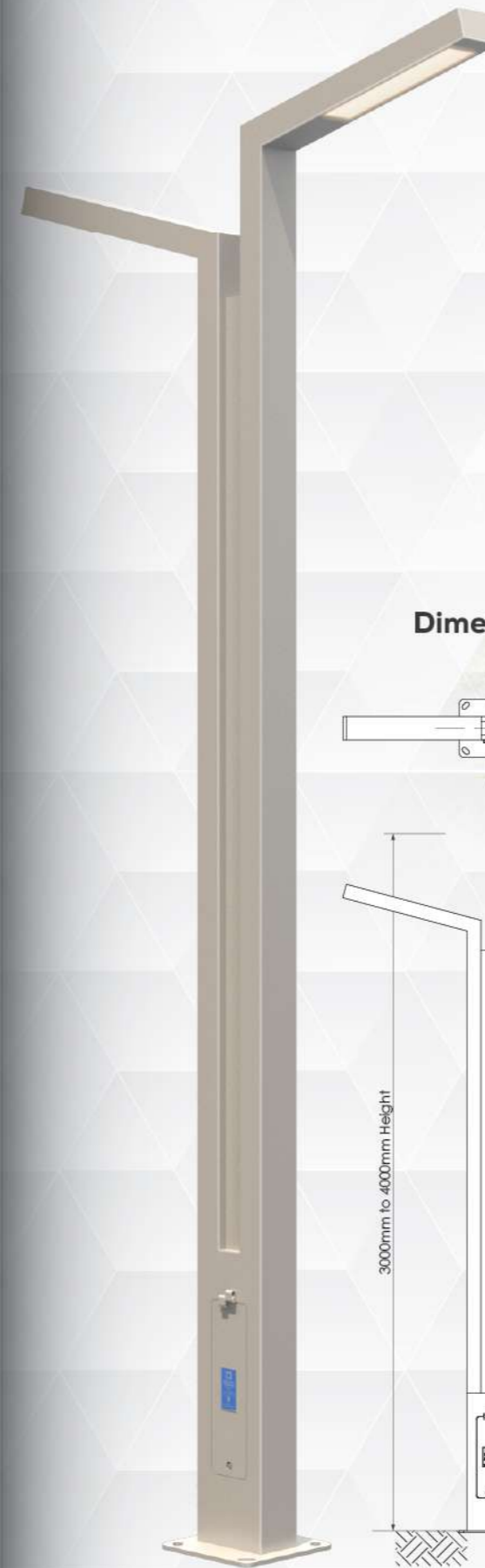
Dimension



TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-06
Rated Power	30W ~ 60W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



EMERALD MES CM-2K26-07



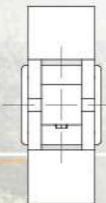
Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING

by Mestron®

Dimension



TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-07
Rated Power	30W ~ 60W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



FLUORITE MES CM-2K26-08

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING

by Mestron®

Dimension



TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-08
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



GARNET MES CM-2K26-09

new model

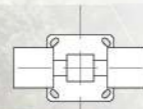
Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.



COLUMN LIGHTING
by Mestron®

Dimension



TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-09
Rated Power	30W ~ 60W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



new model

GEODE MES CM-2K26-10

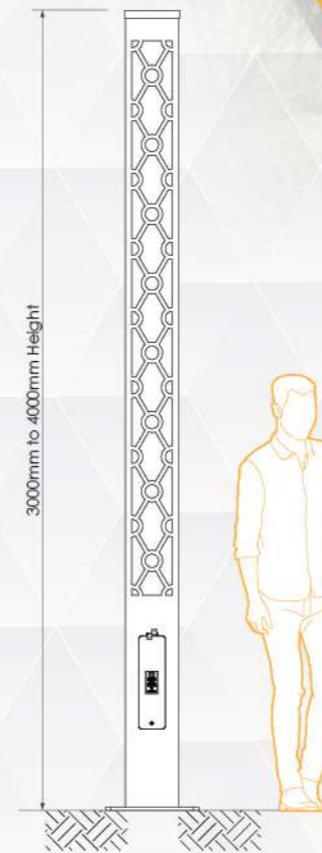
Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.



COLUMN LIGHTING
by Mestron®

Dimension



TECHNICAL SPECIFICATION

Model No.	MES CM-2K26-10
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

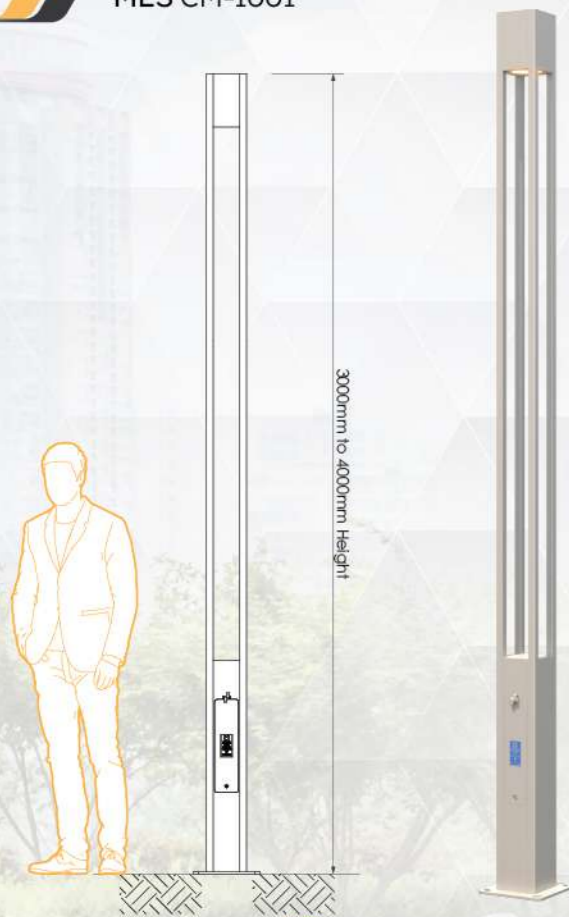
- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



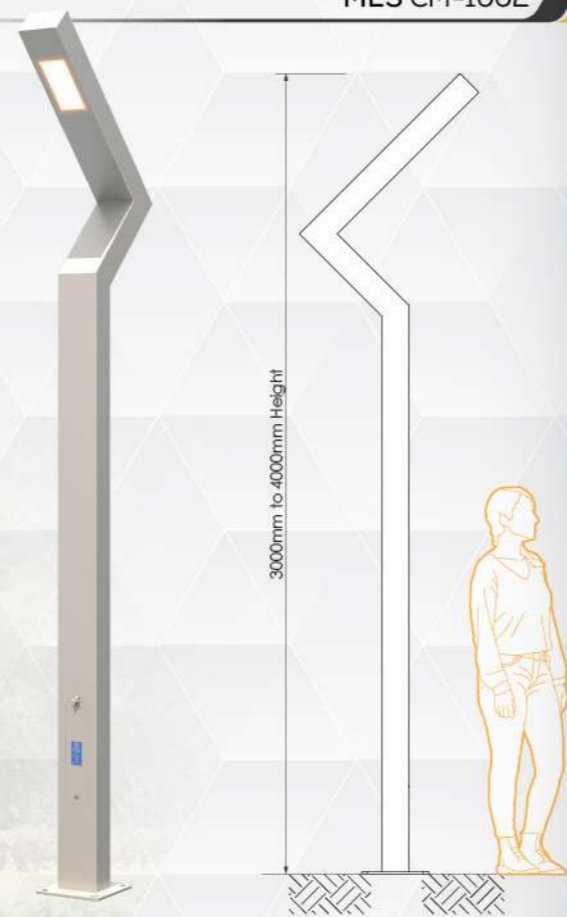
COLUMN LIGHTING

by Mestron®

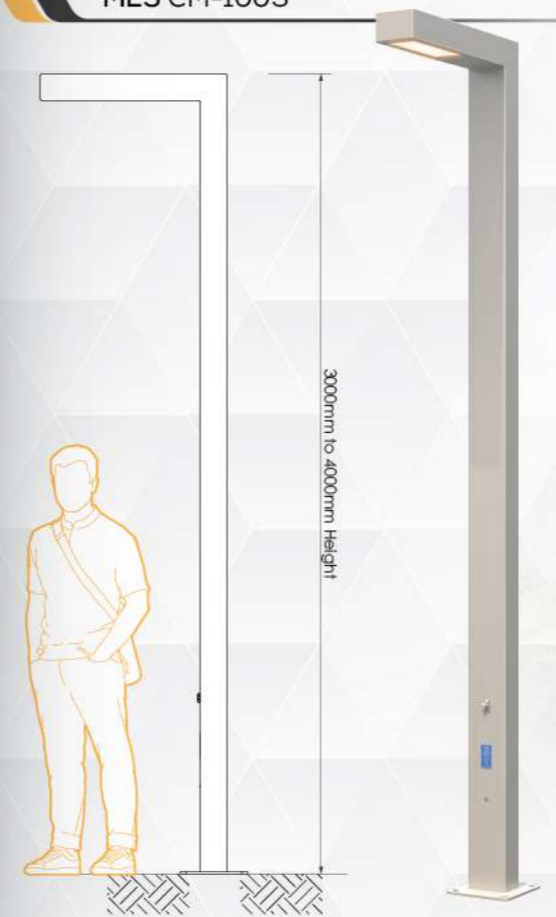
MES CM-1001



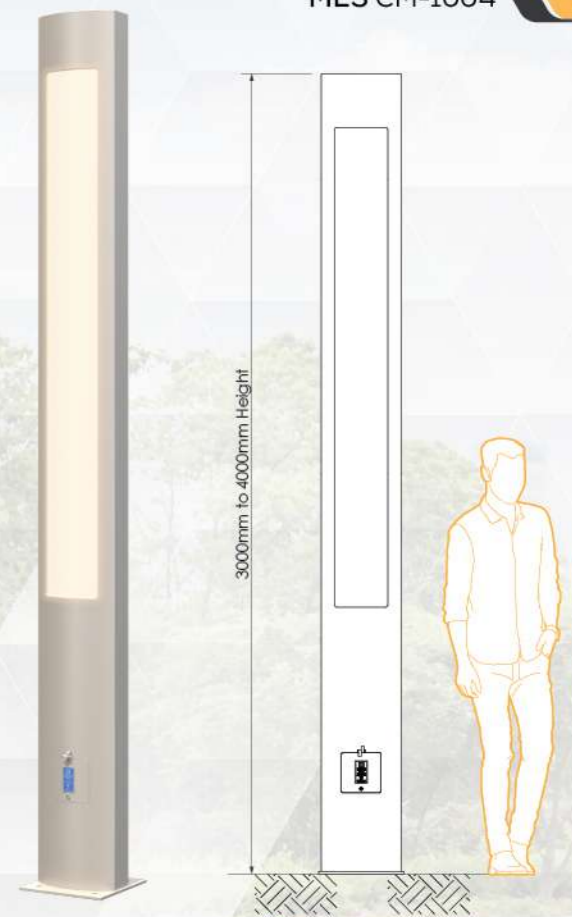
MES CM-1002



MES CM-1003



MES CM-1004



Technical Specification

Model No.	MES CM-1001
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Model No.	MES CM-1002
Rated Power	30W ~ 60W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Technical Specification

Standard Colors

Black RAL 7075	Silver RAL 9006	Light Grey RAL 7045	Dark Grey RAL 7043
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Remark :

1. Driver is dimmable (1-10V) or non-dimmable optional
2. Total Lumen is according to project's requirements
3. All dimensions are in millimeter(MM) unless stated
4. This is not a final product. Mestron has rights to change product's specification without prior notice.



Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING

by Mestron®

Technical Specification

Model No.	MES CM-1004
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Model No.	MES CM-1003
Rated Power	30W ~ 60W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Technical Specification

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

Standard Colors

Black RAL 7075	Silver RAL 9006	Light Grey RAL 7045	Dark Grey RAL 7043
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Remark :

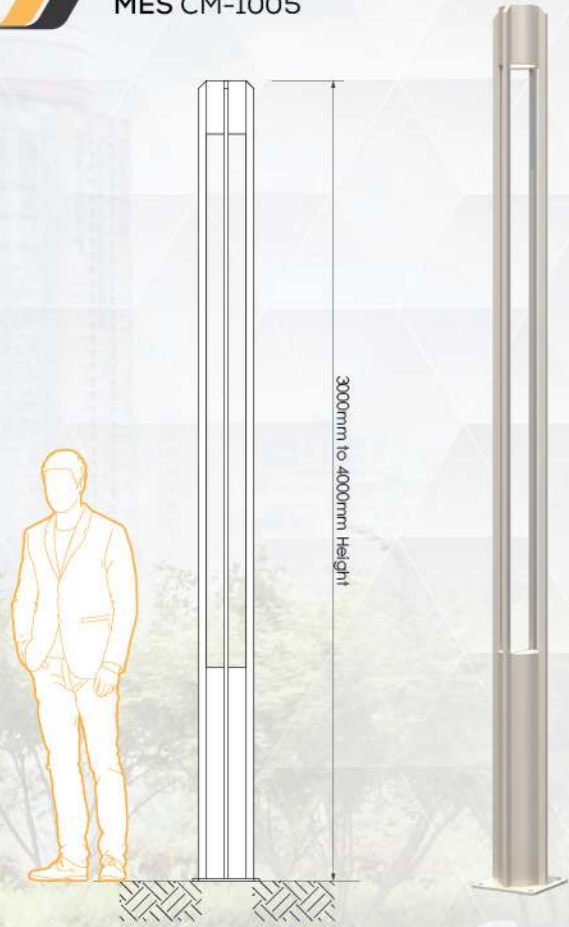
1. Driver is dimmable (1-10V) or non-dimmable optional
2. Total Lumen is according to project's requirements
3. All dimensions are in millimeter(MM) unless stated
4. This is not a final product. Mestron has rights to change product's specification without prior notice.



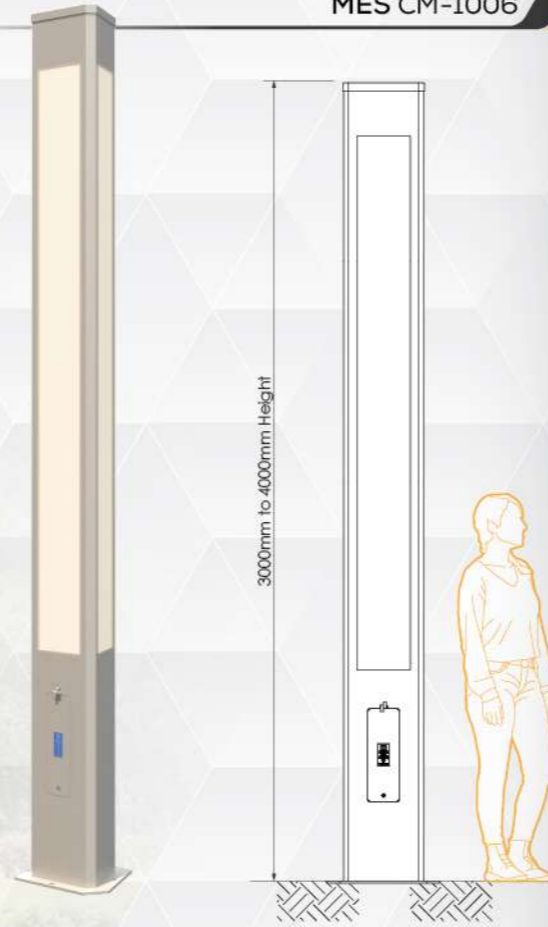
COLUMN LIGHTING

by Mestron®

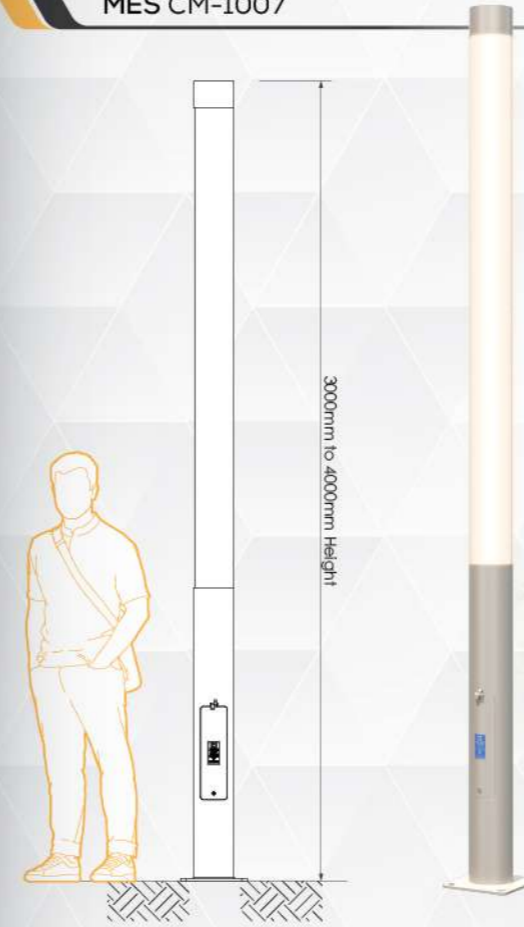
MES CM-1005



MES CM-1006



MES CM-1007



MES CM-1008



Technical Specification

Model No.	MES CM-1005
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Model No.	MES CM-1006
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Technical Specification

Model No.	MES CM-1007
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Technical Specification

Technical Specification

Model No.	MES CM-1008
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

Standard Colors



Remark :

- Driver is dimmable (1-10V) or non-dimmable optional
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- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

Standard Colors



Remark :

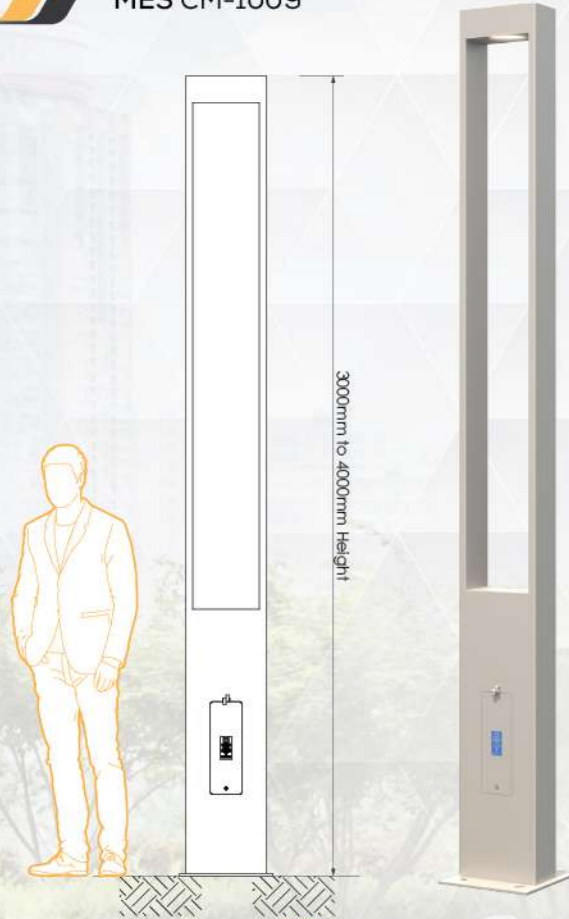
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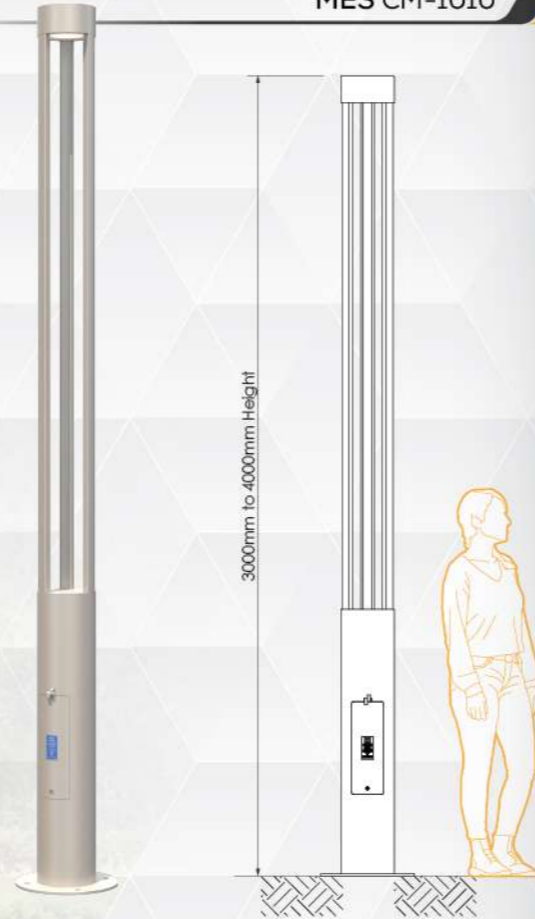
COLUMN LIGHTING

by Mestron®

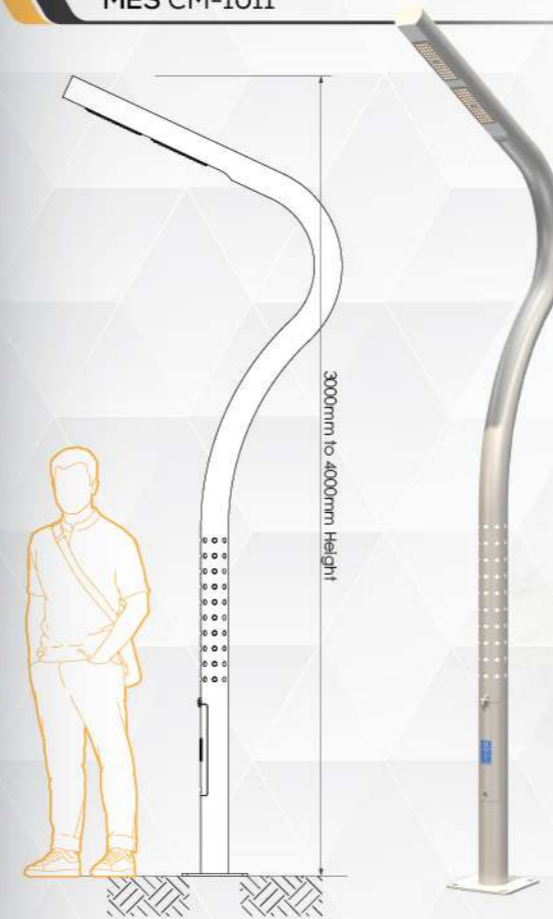
MES CM-1009



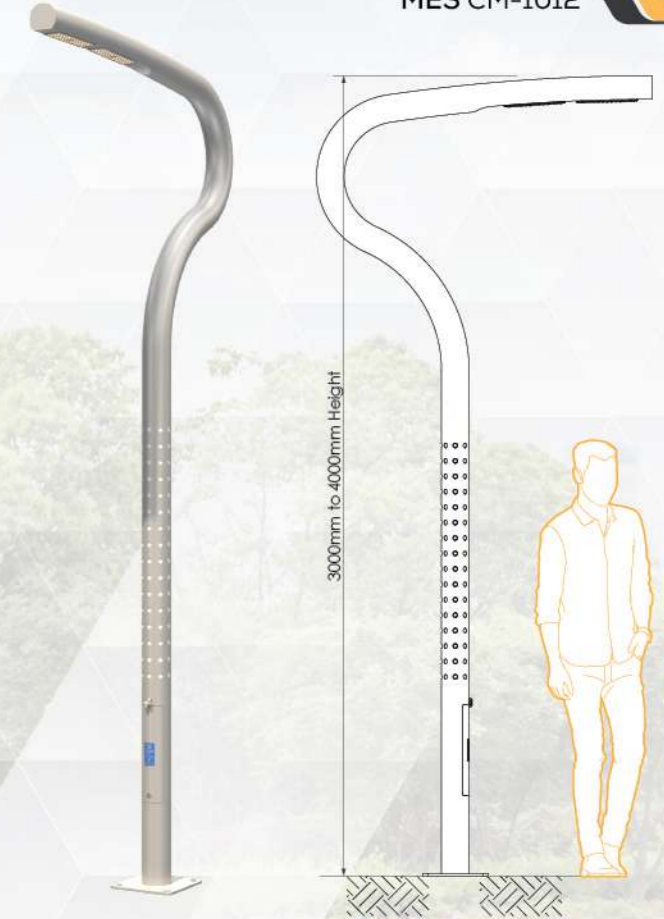
MES CM-1010



MES CM-1011



MES CM-1012



Technical Specification

Model No.	MES CM-1009
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Model No.	MES CM-1010
Rated Power	30W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Technical Specification

Standard Colors



- Remark :
1. Driver is dimmable (1-10V) or non-dimmable optional
 2. Total Lumen is according to project's requirements
 3. All dimensions are in millimeter(MM) unless stated
 4. This is not a final product. Mestron has rights to change product's specification without prior notice.



Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

COLUMN LIGHTING

by Mestron®

Model No.	MES CM-1011
Rated Power	30W ~ 60W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Technical Specification

Model No.	MES CM-1012
Rated Power	30W ~ 60W
Input Voltage	AC110-277AC, 50/60Hz
Lumen	≥110lm/W
LED Chip	CREE/OSRAM
Color Temperature	3000K~6500K
CRI	Ra>80
Driver	Meanwell/Inventronics
Power Factor	>0.9
IP Rating	IP65
Insulation Class	Class I
Operation Temp.	-40°C ~ 60°C
Ambient Humidity	10% ~ 90%
LED Lifespan	>50,000H

Technical Specification

Product Features

- Fully customizable light columns.
- Practical, elegant, efficient. Timeless modern design options
- Easy to maintain, robust and durable construction.
- Height customize from 3 meter to 6 meter.
- Finished with high quality powder coated paint.
- High quality stainless steel fastener.
- Durable silicone rubber gasket.
- Clear toughened glass/acrylic diffuser.
- LED with long life, limited maintenance and constant lifetime performance.
- Designed to illuminating the parks, gardens, pedestrian pathways, lawns, driveways and etc.

Standard Colors



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MESTRON

by MESTRON
TELECOMMUNICATION
SECTION

PRODUCT LIST



**TELECOMMUNICATION
MONOPOLE & TOWER**

by Mestron®



5G Monopole
p100



Lattice Tower
p101



SMART Monopole
p102



Camouflage Monopole
p103



Telecommunication Monopole
p104

TELECOMMUNICATION

Telecommunication SMART Pole / Tower / Monopole are customized to suit telecommunication equipments.

Monopole has a smaller footprint making it ideal for high density area with space constrain. Commonly consists of a main pole shaft with optional working platform at the top to cater for the installation and maintenance of panel and dish antenna.

The Telecommunication Lattice towers are made up of a framework of interconnected metal elements. They are lightweight, cost-effective, and suitable for various applications, including broadcasting and cellular networks.

OPTION AND ACCESSORIES

- Height from 5M - 45M (Monopole), 45M - 90M (Lattice Tower)
- Flange Joint or Telescopic Overlapping Joint for monopole
- Multiple level of Antenna and Micro Dish Mounting
- Maintenance Platform
- Caged and Secured Climbing Ladder
- Vertical Life Line with Safety Harness
- Custom Antenna and Microwave Dish Mounting Brackets

TELECOMMUNICATION COLUMN / TOWER / MONOPOLE

by Mestron®

TECHNICAL SPECIFICATION

1 LIGHTING POLE COMPLY TO (AASHTO: 2013) THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS DULY CERTIFIED BY (SIRIM) STANDARD AND INDUSTRIAL RESEARCH INSTITUTE OF MALAYSIA

2 DESIGN OF POLE ARE COMPREHENSIVELY ANALYSED USING STAAD. PRO V8i STRUCTURAL DESIGN SOFTWARE TO WITHSTAND 35 M/S WIND-SPEED, TERRAIN ROUGHNESS AND STATISTICAL FACTOR OF 1.0

3 MATERIAL USED FOR LIGHTING POLE COMPLY TO BS EN 10025 S275 JR : 2004 / JIS G3101 : 2010 / SS400 WITH MINIMUM YIELD AND TENSILE STRENGTH OF 275 MPa AND 430 MPa RESPECTIVELY

4 WELDING PROCESS OF LIGHTING POLE IN COMPLIANCE TO WELDING PROCESS SPECIFICATION AS PER BS EN 1011-2 : 2001

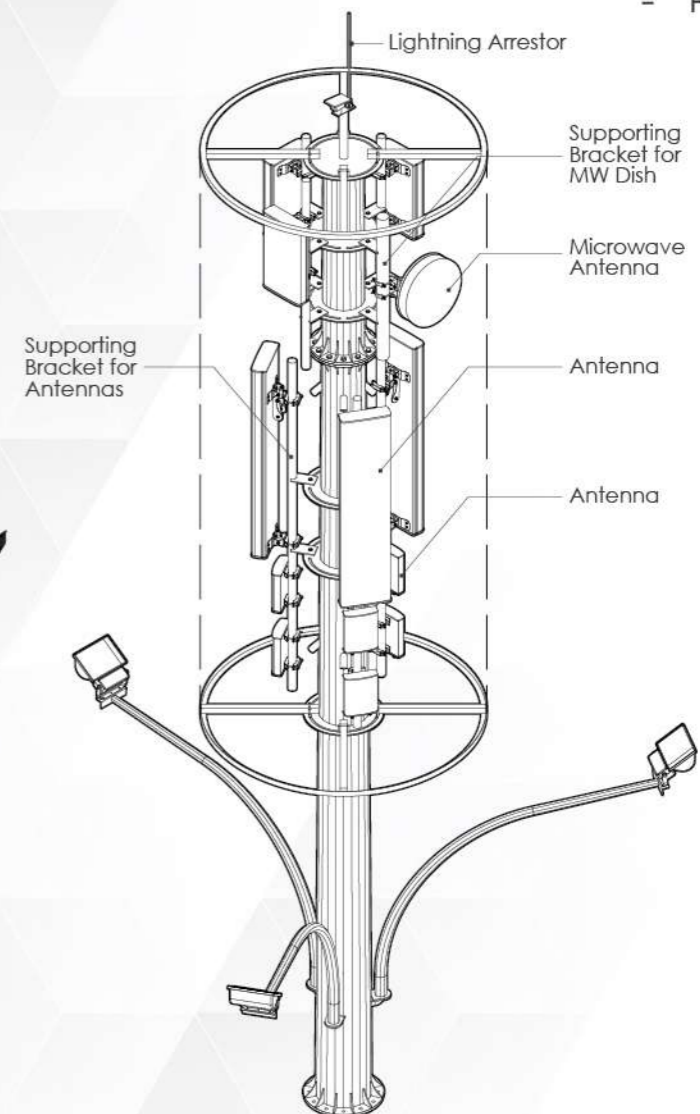
5 PRODUCTS ARE TREATED WITH ANTI-CORROSIVE TREATMENT KNOWN AS HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO BS EN ISO 1461 : 2009



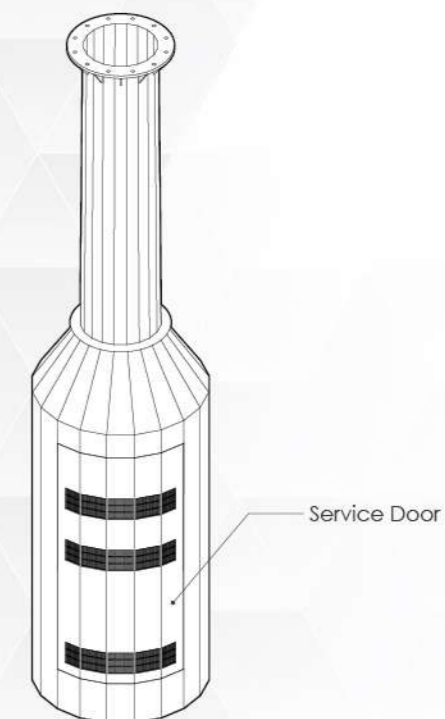
18000 - 24000mm Nominal Height



5G TELECOMMUNICATION MONOPOLE - Flange Joint

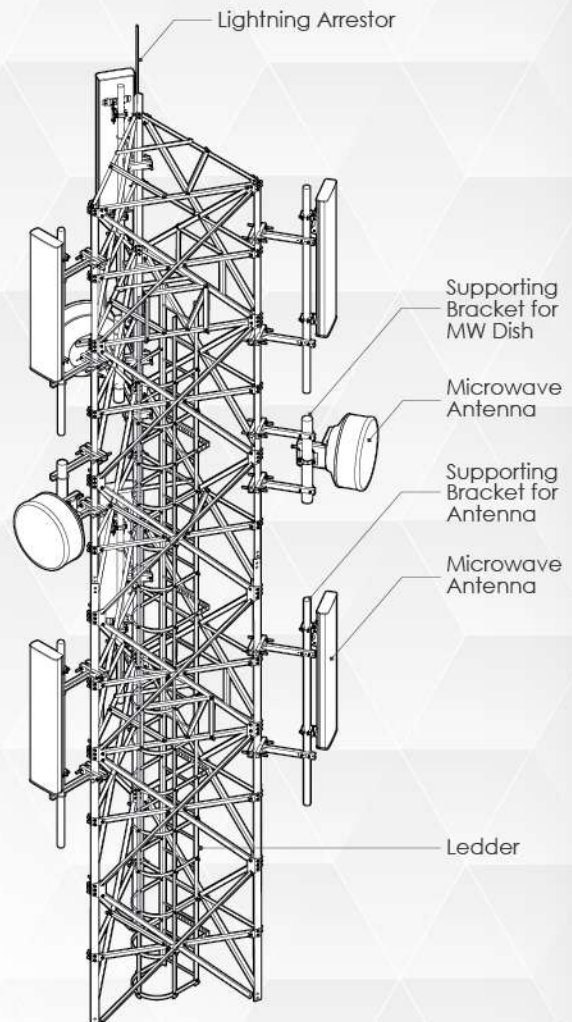
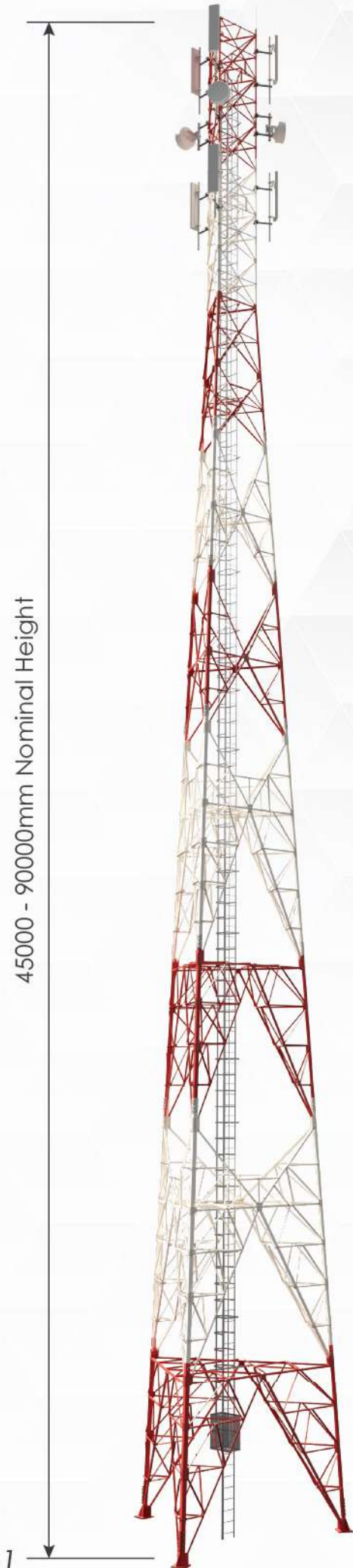


Mounting Brackets - 3D Isometric View

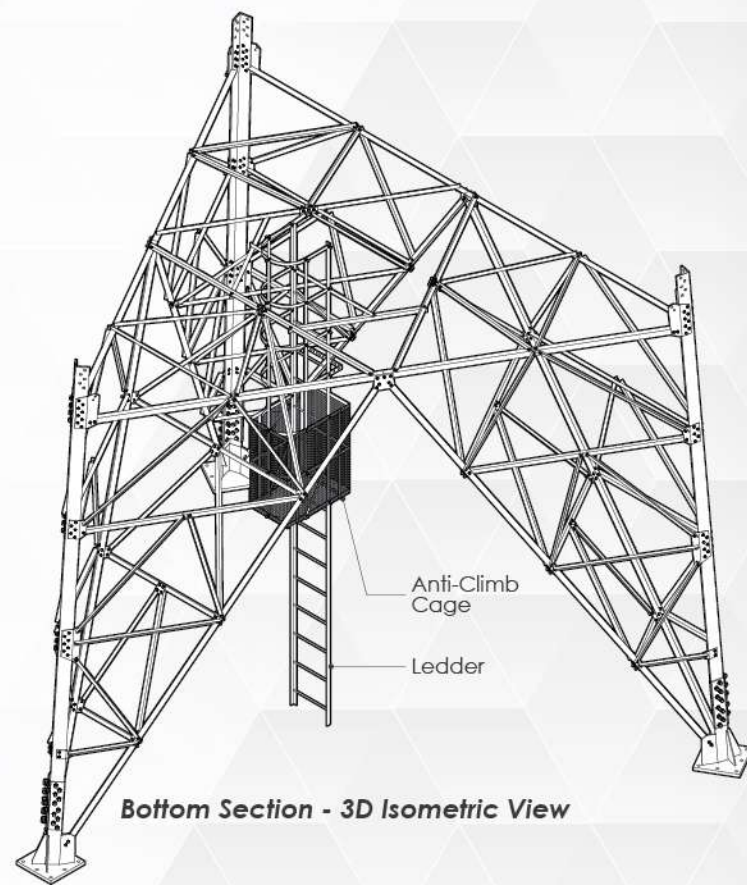


Base Cabinet - 3D Isometric View

3-LEGGED TELECOMMUNICATION LATTICE TOWER

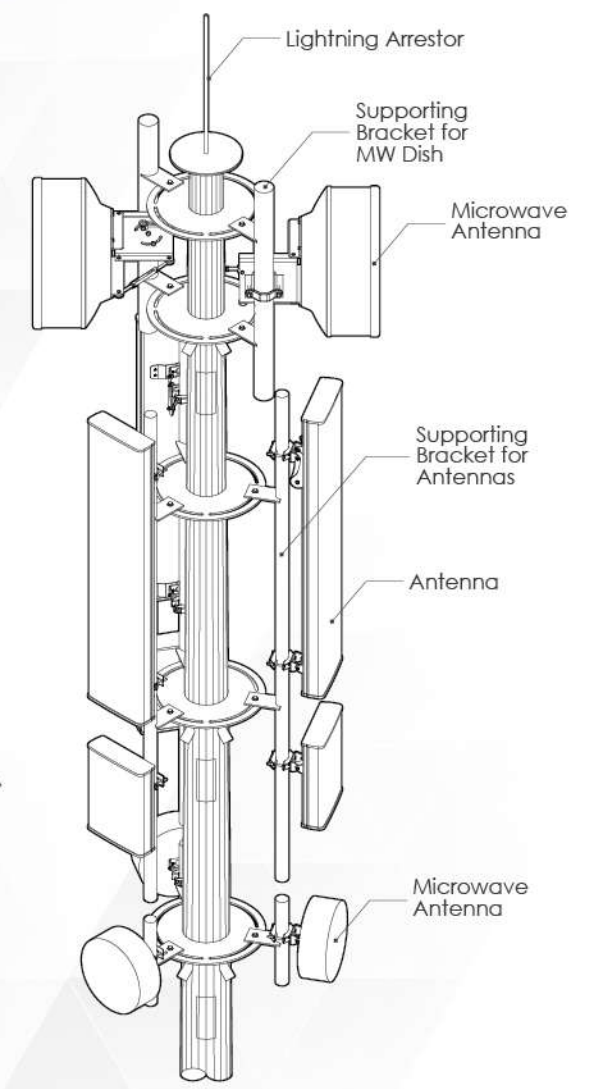


Top Section - 3D Isometric View

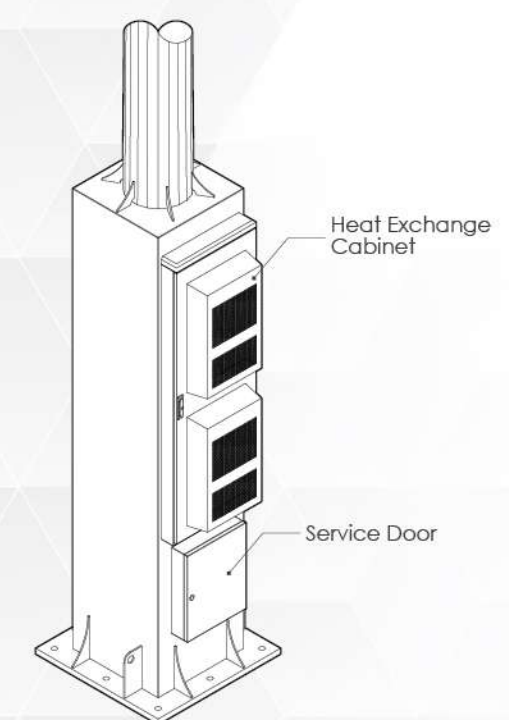


Bottom Section - 3D Isometric View

SMART TELECOMMUNICATION MONOPOLE
- Telescopic Joint

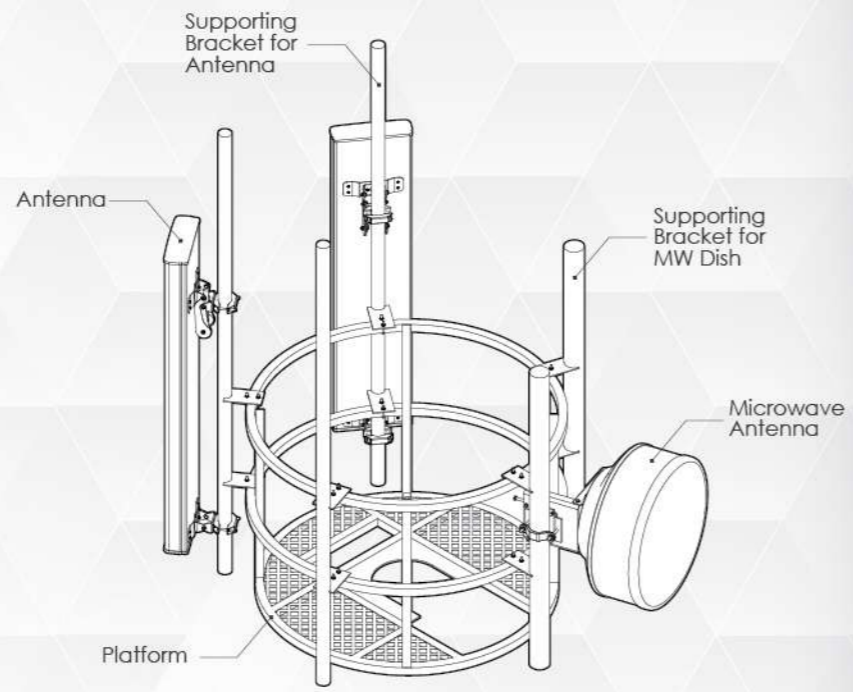


Mounting Brackets - 3D Isometric View

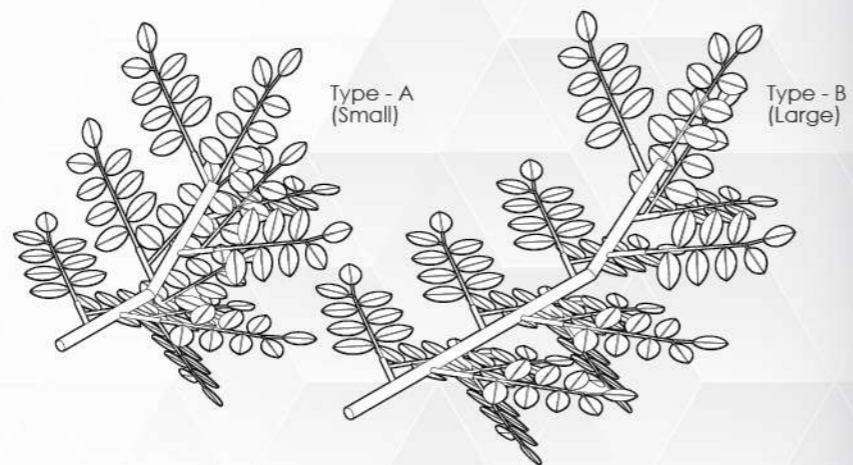


Base Cabinet - 3D Isometric View

CAMOUFLAGED TELECOMMUNICATION MONOPOLE
 - Artificial Branches & Leaves, Flange Joint

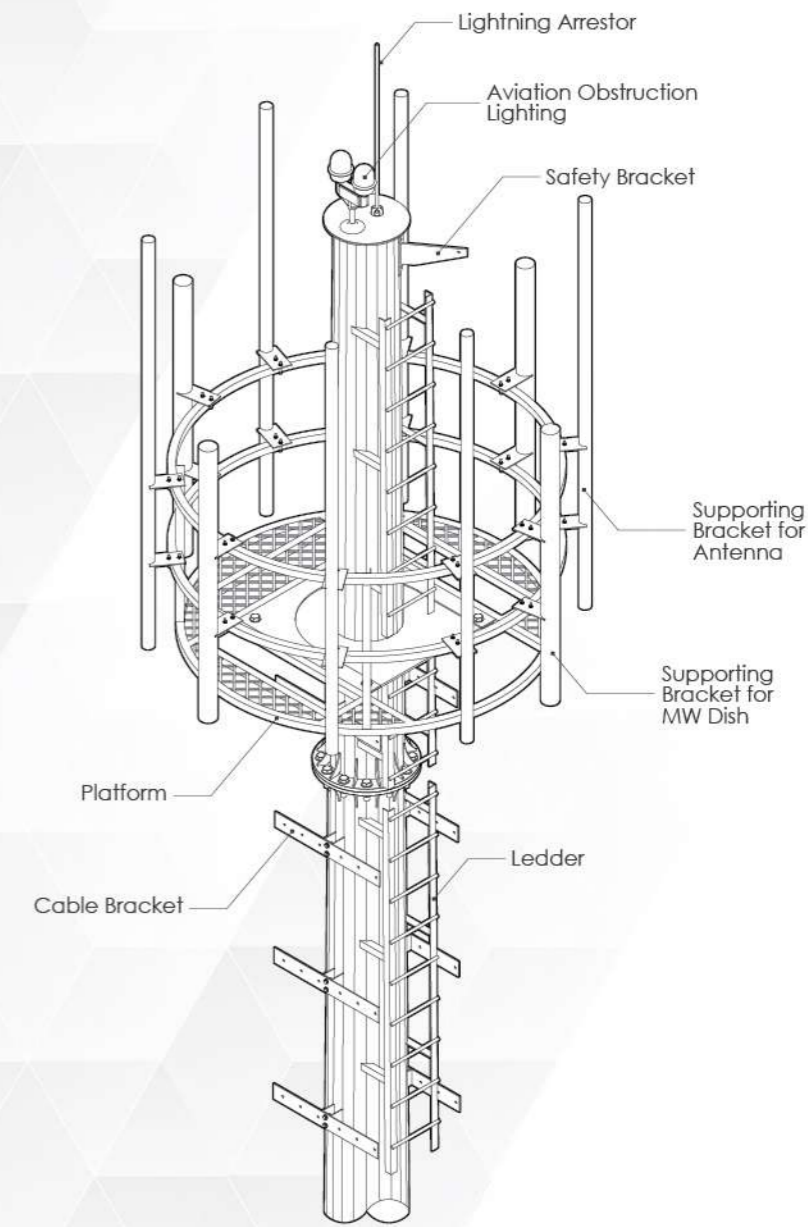


Platform - 3D Isometric View

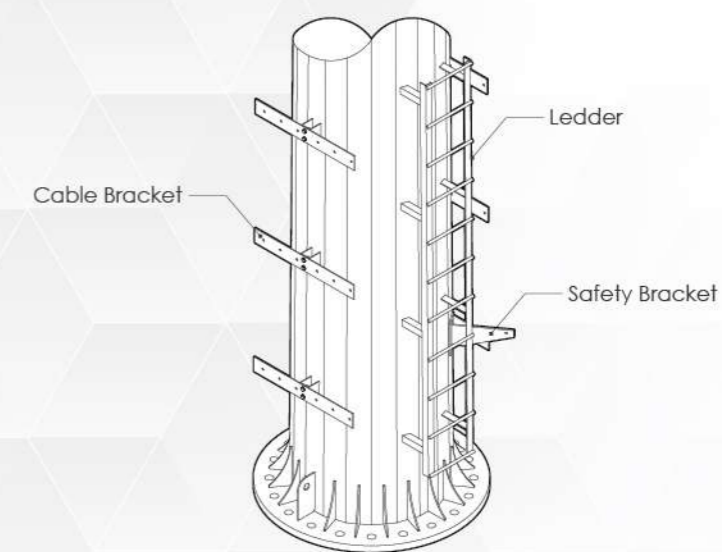


Artificial Branches & Leaves

TELECOMMUNICATION MONOPOLE
 - Flange Joint



Platform - 3D Isometric View

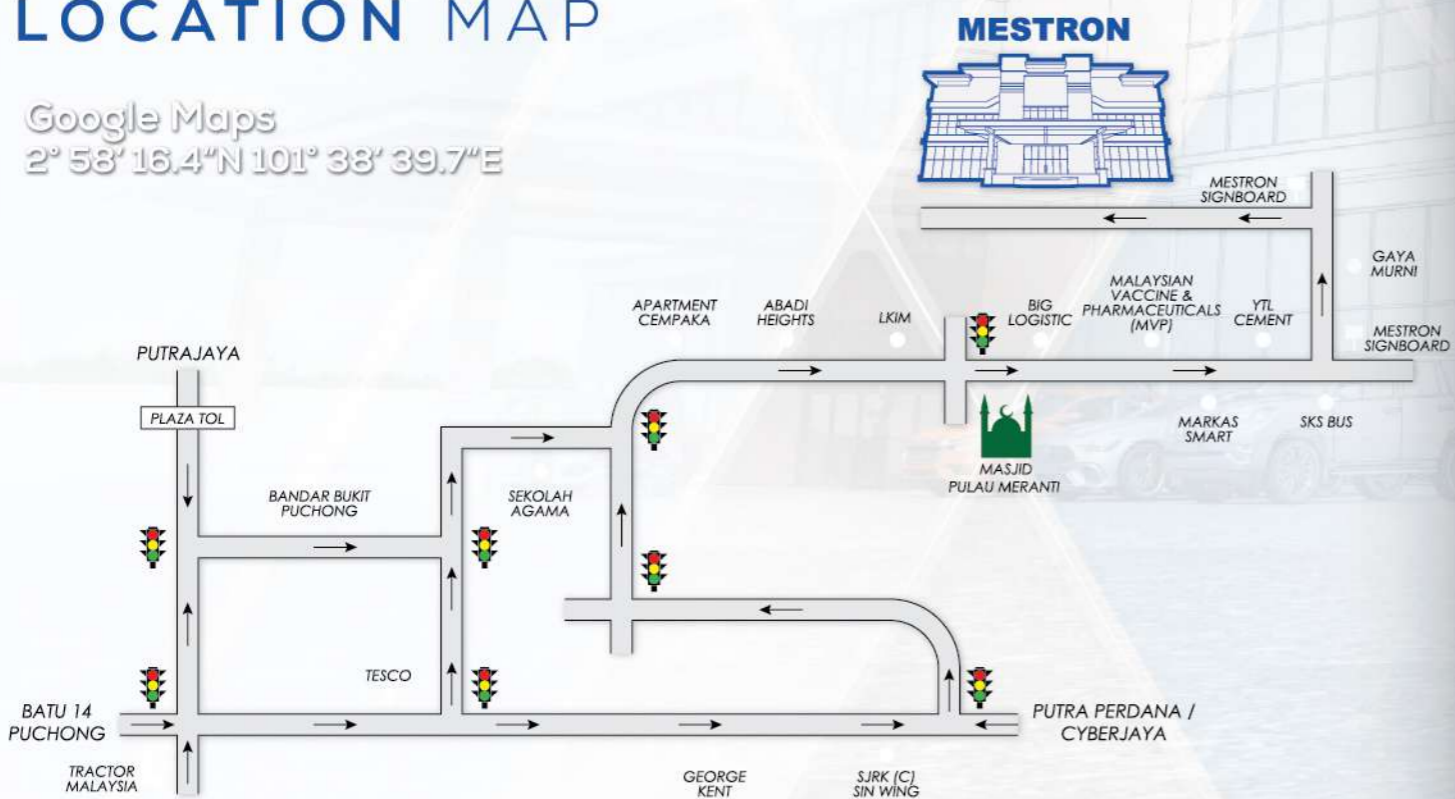


Base - 3D Isometric View

NOTES

LOCATION MAP

Google Maps
2° 58' 16.4"N 101° 38' 39.7"E



#ThePoleMaker