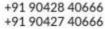




# COME & JOIN US IN MAKING EARTH A BETTER PLACE TO LIVE



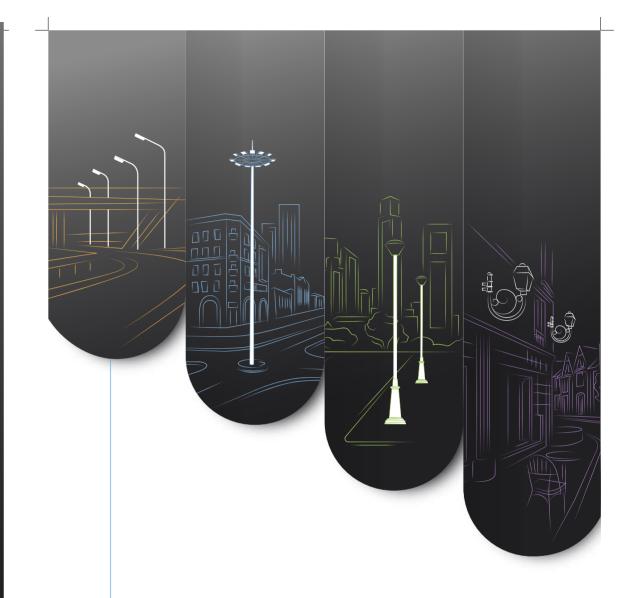




jayadeventerprise@gmail.com www.jayadeventerprise.com



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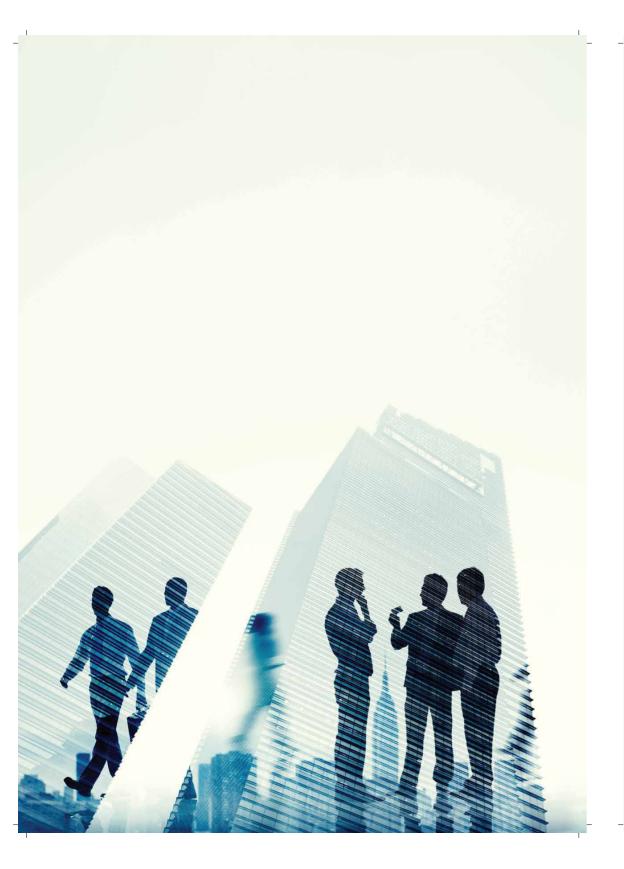


Crompton

**Crompton Greaves Consumer Electricals Limited** 

Equinox Business Park, 1st Floor, Tower 3, LBS Marg, Kurla (W), Mumbai 400 070. Tel. No.: +91-22-6167 8499 www.crompton.co.in HIGHTMAST AND POLES













Crompton is a leading consumer durable company in India with a 75+ years of brand legacy. As of February 2016, it is an independent company under professional management having 2 business segments – Lighting and Electrical Consumer Durables. The company markets its products under the "Crompton" brand name in India and select export markets providing its customers over a 10,000 SKUs.

Crompton is synonymous with quality, reliability and performance. Millions of Indians rely on Crompton products as they are robust, beautiful and being meticulously designed. It reflects the end consumer's personality and lifestyle. Crompton strives to create aesthetically appealing styles with the highest quality standards.

> 66 Once a Crompton consumer, always a Crompton consumer.









**PERFORMANCE** 



QUALITY

### **PROFESSIONAL** LIGHTING

consumer needs. We combine this knowledge with our lighting players in the country. Our products are superior and their operations. advanced which is why we have become one of the most sought after brands in the lighting space.

We have over 60 glorious years of operational experience. Our offering in the B2B luminaire division is vast and varied. Our experience in the lighting industry is all thanks to our We provide tailor-made luminaire for every space. Our heavy investment in product testing and gathering data on luminaires not only provide safety, but also bring the architectural wonder and grandeur of a particular space. Our 

#### **INDOOR** LIGHTING

Battens Linear Lighting Downlighter COB Spots Decorative Luminaires Premium 2x2 Tile LED Batten

#### **OUTDOOR** LIGHTING

LED Street Lights LED Flood Lights LED Landscape Lights



#### **INDUSTRIAL** LIGHTING

LED Wellglass Highbay Cleanroom Flameproof Under Canopy Lights LED Tubes

#### **SOLAR** LIGHTING

All-in-One Solar Street Light Stand Alone Solar Street Light



High Mast Octagonal Poles Decorative Poles



#### MANUFACTURING PLANT





Crompton has state-of-the-art manufacturing plants that use only the latest technology in manufacturing every Crompton product. We work with the most brilliant minds to keep innovating and revolutionizing the lighting industry. Our manufacturing process is very thorough and detailed; we ensure that every product goes through a strict test before it reaches our beloved customers. Our manufacturing units are our strength and pride. Special mention to our ISO NABL certified plants at Baddi and Baroda that manufacture high intensity discharge lamps, general lighting service lamps, glass shells and much more. We have also received a DSRI certification for our robust in-house Research and Development Unit.





## AWARD & CERTIFICATES

To have our work recognized is a matter of pride and a great confidence booster to keep shattering glass ceilings.

a/200%

BRAND OF DECADE 2021-22

Consumer Electricals







## FROST AND SULLIVAN - INDIAN OUTDOOR LED LIGHTING

Company of The Year Award 2018



## INTERNATIONAL SOLID STATE LIGHTING

Global SSL Top 100 installation award for end to end apron lighting of GMR Hyderabad Airport in November 2017





## NABL CERTIFICATION





#### DSIR R&D CERTIFIED





6

## ISO Certifications









## ISO Certifications









### High Masts & Street Lighting Poles



Crompton manufactures energy saving high mast lights that illuminate large areas. Perfect for golf courses, sports stadiums, oil refineries and busy airports. This lighting solution helps in pedestrian safety and monitoring places of storage.







#### **FEATURES**

Our high mast is a continuously tapered, polygonal cross section of atleast 20 sides, presenting a good and pleasing appearance which is based on proven in tension design conforming to the Technical report no.7 - 1996 of the Institution of Lighting Engineers. UK. to give an assured performance and reliable service. The structure is suitable for loading as per IS 875 (part 3) 1987.

#### **CONSTRUCTION**

High mast is fabricated from steel plates conforming to BS-EN 10025, cut and folded to form a polygonal section. Masts are in two sections for 16 & 20 Mtr and in three sections for 25 & 30 Mtr heights having only longitudinal weld conforming to BS 5135/AWS. The mast is provided with a fully penetrated flange which is free from any laminations or incursions. The welded connection of the base flange is fully developed to the strength of the entire section. The base flange is provided with supplementary gussets between bolt holes to ensure elimination of helical stress concentration. For environmental protection of the mast, the entire fabricated mast is Hot Dip Galvanised (Single Dip) internally and externally, having uniform coating thickness of 85 / 65 microns for bottom / top sections respectively.





#### **DOOR OPENING**

An adequate door opening is provided at the base of the mast. The opening is such that it permits clear access to equipments like winch, cable, wire rope, plug & socket etc. and also facilitates easy removal of the winch for servicing. The door opening is complete with a close fitting vandal resistant allen key locking with provision for external lock. The door opening is carefully designed and reinforced with adequate steel section so that the mast section at the base is unaffected, and undue buckling of the cut portion is prevented under heavy wind condition.



#### DYNAMIC LOADING

Our mast structure is designed to sustain an assumed maximum reaction arising from wind speed as per IS 875 (Part 3) 1987 (three seconds) which is measured at a height of 10 mtrs above ground level. Our standard masts are suitable for a wind speed of 180 Kms/hour (50M/Sec) we can also offer masts suitable for a wind speed of 198 kmph and 225 kmph (62.5 M/sec).

#### **ACCESSORIES**

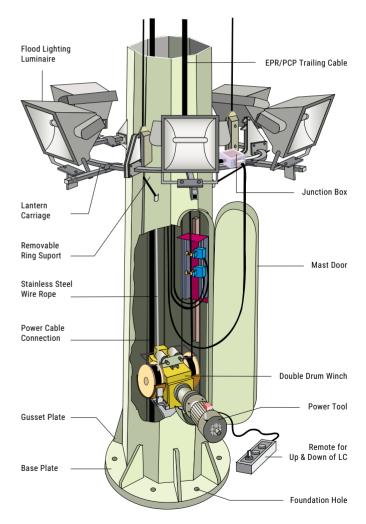
The high mast is provided with accessories as per customer requirements. Generally these include a raising and lowering system (R & L), trailing cable, power tool, feeder pillar for automatic switching operation of luminaires, lighting finial and aviation obstruction warning light.

The R & L system will comprise of a double drum winch, SS wire ropes, head frame and lantern carriage. The winch is self lubricating and self sustaining type. It does not require any brake or clutch and has a lifting capacity of SWL 750 Kgs.

The wire ropes are of stainless steel grade AISI316 with minimum 6mm diameter and 7/19 construction. It's central core is also SS and have a breaking strength of 2350Kgs.

The power tool is integral / external type suitable for handling the total head load. It has a mechanical torque limiter to ensure safety and also a manual handle is provided. Suitable for use in open areas, airports, railway stations, road junctions, container yards etc.







#### HIGH MAST STRUCTURE

Height of mast (mtrs.) Cat. Ref.	12.5 Mtr. HM-11125	16 Mtr. HM-1116A	20 Mtr. HM-1220	25 Mtr. HM-1125	30 Mtr. HM-1230		
Material of Construction	BSEN 10025 Equivalent						
Plate Thickness	Top 3 mm - Bottom 3 mm	Top 3 mm - Bottom 4 mm	Top 3 mm - Bottom 4mm	Top 4 mm Middle 4 mm Bottom 5 mm	Top 4 mm Middle 4 mm Bottom 5 mm		
Cross Section of Mast	12 Sided Polygon	20 Sided Polygon	20 Sided Polygon	20 Sided Polygon	20 Sided Polygon		
Section Leght	Top 6500 - Bottom 6500	Top 8250 - Bottom 8250	Top 10300 - Bottom 10300	Top 8750 Middle 8750 Bottom 8750	Top 10500 Middle 10500 Bottom 10500		
Bottom (A/F)	300	360	410	460	600		
Top (A/F)		150					
Diameter of Base Plate	520	540	570	670	840		
Thickness of Base Plate	25	25	30	30	32		
FOUNDATION BOLTS							
No. of Foundation Bolt	6	8	8	12	12		
PCD of Foundation bolts	445	460	490	590	740		
Diameter	M 24	M 30	M 30	M 30	M 30		
Length of Foundation Bolts	750	850	850	850	850		
LANERN CARRIAGE							
No. of Luminaires	6	9	12	12	16		
Orientation			Symmetrical				
Number of Joints			2 or 3				
Number of Arms	6	9	6	6	6		
DYNAMIC LOADING							
Max Design Wind Speed	50 m/s						
Winch / Power Tool Type	Double drum						
SWL of Winch	500 Kg	500 Kg	500 Kg	750 Kg	750 Kg		
Method of Operation			Integral Motor				
Motor Capacity	1.5 HP	1.5 HP	1.5 HP	2 HP	2 HP		
Torque Limitor			Mechanical				

#### STAINLESS STEEL WIRE ROPE

Grade	AISI 316			
Construction	7/19			
Number of Ropes	3 Nos of 6 mm for Lantern Carriage, 2 Nos of 6 mm for Double Drum Winch			
Diameter	2 wire rope system for 12.5m HM, 6 mm			
Breaking Load Capacity	2350 Kg			

#### TRAILING CABLE

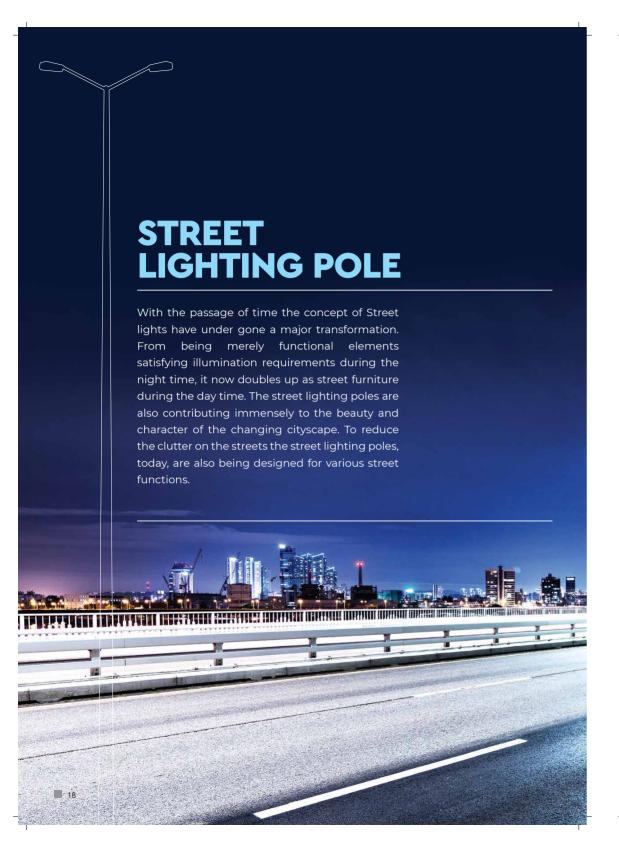
Conductor	5 core 2.5 sq mm or 5 core 4 sq mm				
Insulation	Flexible				
No. of Circuits per Mast	One One One Two				

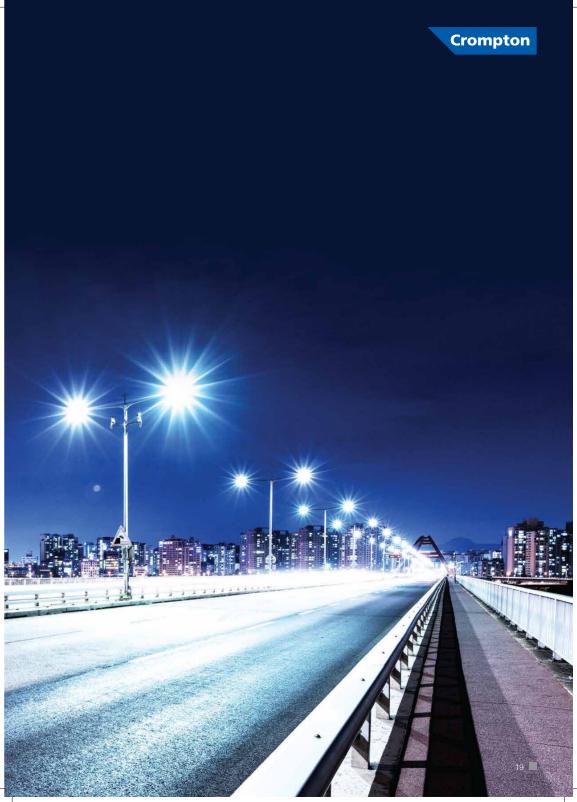
#### POWER TOOL

STANDARD ESSENTIAL ACCESSORIES OFFERED WITH HIGH MASTS: Mast shaft, head frame with pullies lantern carriage, luminaire mounting arms (6 nos), 'u' bolts, lighting finial, stainless steel wire ropes 3 nos. for lantern carriage +2 nos for winch, transient plate, double drum winch, power tool, winch & power tool mounting bracket, foundation bolts & nuts, anchor & tem - plate top junction box & LED type aviation light.

OPTIONAL ITEM: • LED type aviation light • Feeder pillar









Crompton offers a wide variety of Hot Dip Galvanised Octogonal poles with a study base plate. Our octagonal poles have a galvanising thickness of 65 microns (internally and externally). This protective coating ensures long life of the product and does not require periodic painting. Octagonal poles by Crompton have a distinct edge over conventional round stepped-swedged welded poles.

- Hot dip galvanized (65 microns) internally and externally.
- Sleek, elegant and pleasing aesthetics. with flushed door.
- Bracket design as per cistomer requirments. (on request at extra cost)
- Ease of maintenance.
- Does not rquire periodic painting.
- Long life. (Estimated life is 15 to 20 years)

#### MOUNTING BRACKET

Crompton can supply galvanised arm brackets along with spigots matching with diffrent types of poles and as per customer requirments. Typical arrangement and dimensional details for single arm and double arm bracket along with spigot suitable for different types of poles given here in.

#### Octagonal Hot Galvanised Streetlight Poles

#### **TECHNICAL DATA SPECIFICATIONS**

Cat. Ref.	Height (mtr)	Top Dia (A/F) (mm)	Bottom Dia (A/F) (mm)	Sheet Thickness (mm)	Base Plate Dimensions (L x B x T)	Bolt Size (no. x dia) (mm)	Foundation Bolt Bolt Length (mm)	PCD
HM-1103P	3	70	130	3	200 x 200 x 12	4 x M16	450	200
HM-1104P	4	70	130	3	200 x 200 x 12	4 x M16	450	200
HM-1105P	5	70	130	3	220 x 220 x 12	4 x M16	600	200
HM-1106P	6	70	130	3	220 x 220 x 12	4 x M20	600	220
HM-1107P	7	70	130	3	220 x 220 x 12	4 x M20	700	225
HM-1108P	8	70	135	3	225 x 225 x 16	4 x M20	750	225
HM-1109P	9	70	155	3	260 x 260 x 16	4 x M24	750	260
HM-1110P	10	70	175	3	275 x 275 x 16	4 x M24	750	275
HM-1111P	11	90	210	3	300 x 300 x 20	4 x M24	750	300
HM-1112P	12	90	240	3	320 x 320 x 20	4 x M24	850	320

In addition to the standards, Octagonal poles can be manufactured for other customized specification.

Note: Standard essential accessories offered with streetlight poles. • Foundation bolts, anchor plate & template.



## HOT DEEP GALVANIZED POLES

Crompton offers a wide variety of Hot Dip Galvanised Octogonal / Conical poles which can be used for illumination, power distribution and various other application.

These poles are hot dip galavanized after fabrication, internally and externally in accordance with IS-2629 / BSEN ISO 1461 or equivalent. Octagonal poles by Crompton have a distinct edge over conventional round stepped-swedged welded poles.

#### FEATURE:

- Ease of installation
- Sleek, elegant and pleasing aesthetics. with flushed door.
- Galvanizing reduces the risk of corrosion and maintenance costs.
- Electrically safe with inside cable termination and earth connection.

#### **MATERIAL SPECIFICATION**

The steel galvanized used to manufactured steel poles is as per BSEN 10025 or equivalent.

#### MOUNTING BRACKET

Crompton Greaves can supply galvanised arm brackets along with spigots matching with diffrent types of poles and as per customer requirments. Typical arrangement and dimensional details for single arm and double arm bracket along with spigot suitable for different types of poles given here in.

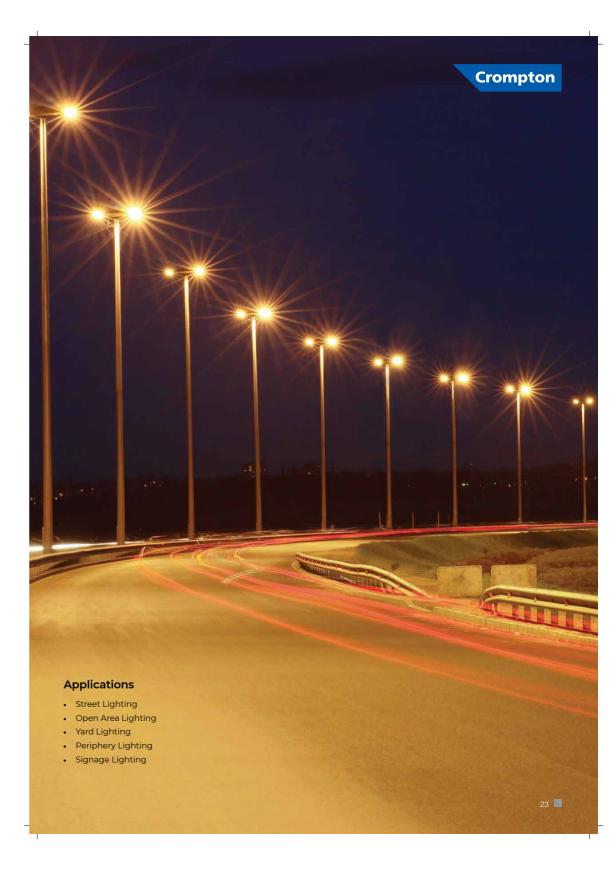
Note: Standard essential accessories offered with streetlight poles.

• Foundation bolts, anchor plate & template.

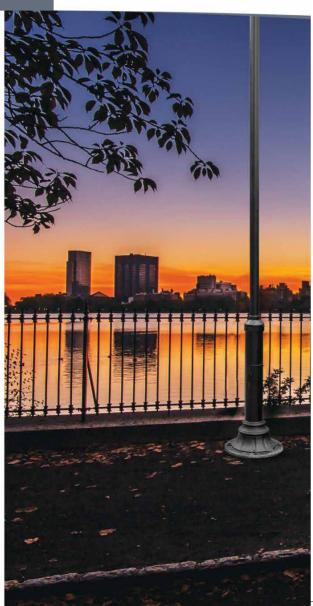






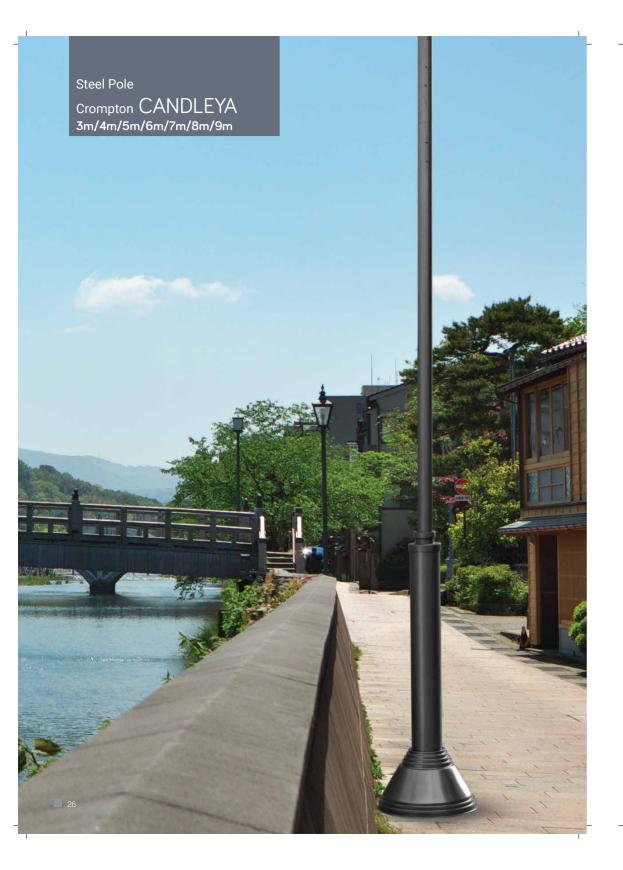


#### Decorative Poles & Brackets



Crompton's decorative pole light has the ability to beautify an outdoor space instantly. It is used predominantly at recreational gardens and parks. Decorative poles can instantly change the look, feel and ambience of an outdoor space whereby uplifting onlookers moods and attitudes.



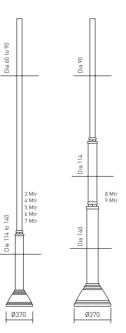


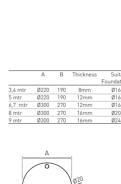
#### **CANDLEYA** | HM-DECO-03/04/05/06/07/08/09-P-NS

Steel poles made out of GI pipe section with lower portion of pole made of MS. The poles have diameter 60mm to 90mm at the top. Base is made of 8mm/12mm thick MS sheet with holes suitable for 16mm foundation bolts. The base is so designed that the foundation bolts are not visible.

The poles are painted with multiple coats of weather resistant polyurethane paint. The service window at the lower part of the pole contains connector, cutouts, MCB.











3/4/5/6/ 7/8/9 Mtr.



#### **VOILA |** HM-DECO-03/04/05-P-NS

Steel Pole

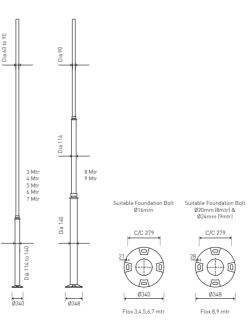
3m/4m/5m

Crompton VOILA

Steel poles made out of GI pipe section with dia cast aluminium embellishments. The poles have diameter 60mm to 90mm at the top and 114mm to 140mm at the bottom. Base is made of die cast MS with holes suitable for 16/20/24 mm foundation bolts.

Pole is pure polyester based powder coated with high corrosion resistance and chemical chromatised protection. Also available with multiple coats of weather resistant Polyurethane paint in various colors. The service window at the lower part of the pole contains connector, cutouts, MCB.









#### MAATRA | HM-DECO-03/04/05-P-NS

Steel poles made out of GI pipe section with dia cast iron pedestal. The poles have diameter 60mm at the top and 114mm at the bottom.

Pole is pure polyester based powder coated with high corrosion resistance and chemical chromatised protection. Also available with multiple coats of weather resistant Polyurethane paint in various colors. The service window at the lower part of the pole contains connector, cutouts, MCB.





Steel Pole

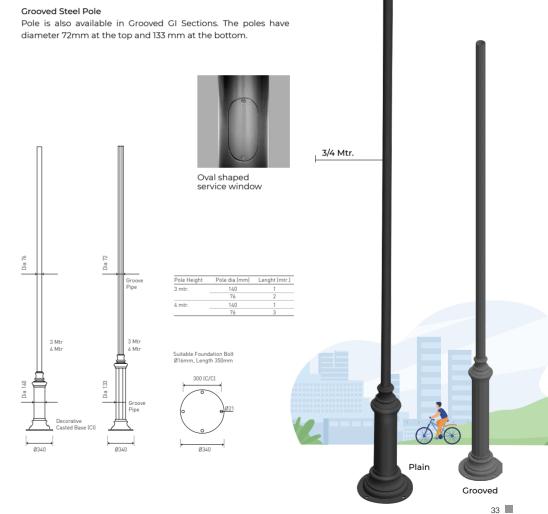
3m/4m

Crompton TROSSA

#### TROSSA | HM-DECO-03/04-P-NS

Steel poles made out of GI section with cast iron embellishments. The poles have diameter 76mm at the top and 140mm at the bottom. Base is made of die cost iron with holes suitable for 16mm fooundation bolts.

Pole is pure polyester based powder coated with high corrosion resistance and chemical chromatised protection. Also available with multiple coats of weather resistant polyurethane paint in various colors. The service window at the lower part of the pole contains connector, cutouts, MCB.





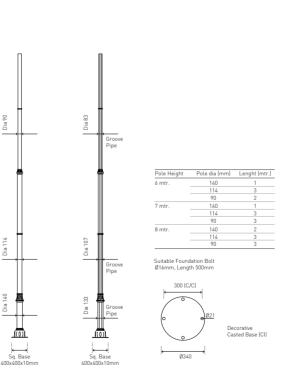
#### GLOWEL | HM-DECO-06/07/08-P-NS

Steel poles made out of GI section with cast iron embellishments. The poles have diameter 90mm at the top, diameter 114 in middle and 140mm at the bottom. Base is made of die cost iron with holes suitable for 20mm and 24mm foundation bolts.

Pole is pure polyester based powder coated with high corrosion resistance and chemical chromatised protection. Also available with multiple coats of weather resistant polyurethane paint in various colors. The service window at the lower part of the pole contains connector, cutouts, MCB.

#### Grooved Steel Pole

Pole is also available in Grooved GI Sections. The poles have diameter 83mm at the top, diameter 107mm in middle and 133 mm at the bottom.





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Steel Pole

6m/7m/8m

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Crompton GLOWEL



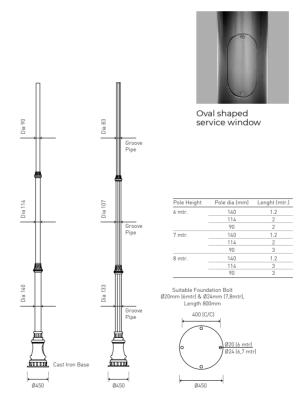
#### BRASSO | HM-DECO-06/07/08-P-NS

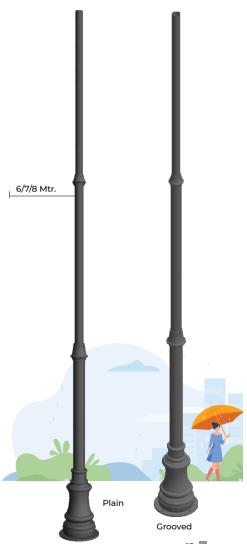
Steel poles made out of GI section with cast iron embellishments. The poles have diameter 90mm at the top, diameter 114 in middle and 140mm at the bottom. Base is made of die cost iron with holes suitable for 20mm and 24mm foundation bolts.

Pole is pure polyester based powder coated with high corrosion resistance and chemical chromatised protection. Also available with multiple coats of weather resistant polyurethane paint in various colors. The service window at the lower part of the pole contains connector, cutouts, MCB.

#### Grooved Steel Pole

Pole is also available in Grooved GI Sections. The poles have diameter 83mm at the top, diameter 107mm in middle and 133 mm at the bottom.





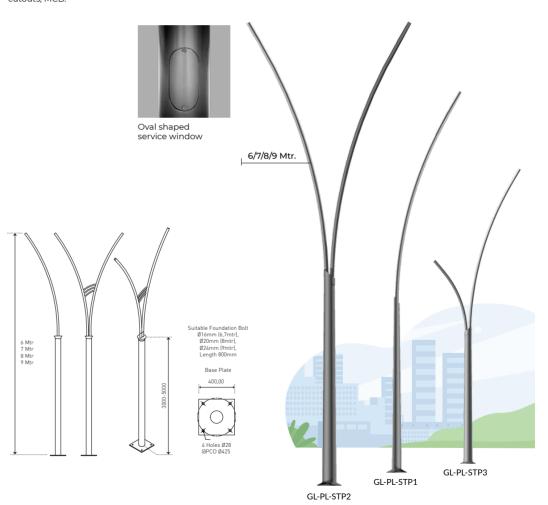






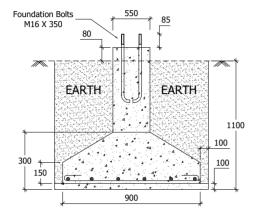
Steel poles made out of GI section with cast iron embellishments. The poles have diameter 60mm at the top and diameter 165mm at the bottom. Base is made of die cost MS with holes suitable for 16mm to 24mm foundation bolts.

The poles are painted with miultiple coats of weather resistant polyurethane paint. The service window at the lower part of the pole contains connector, cutouts, MCB.

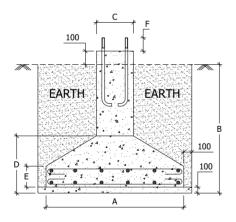




#### **POLE FOUNDATION**

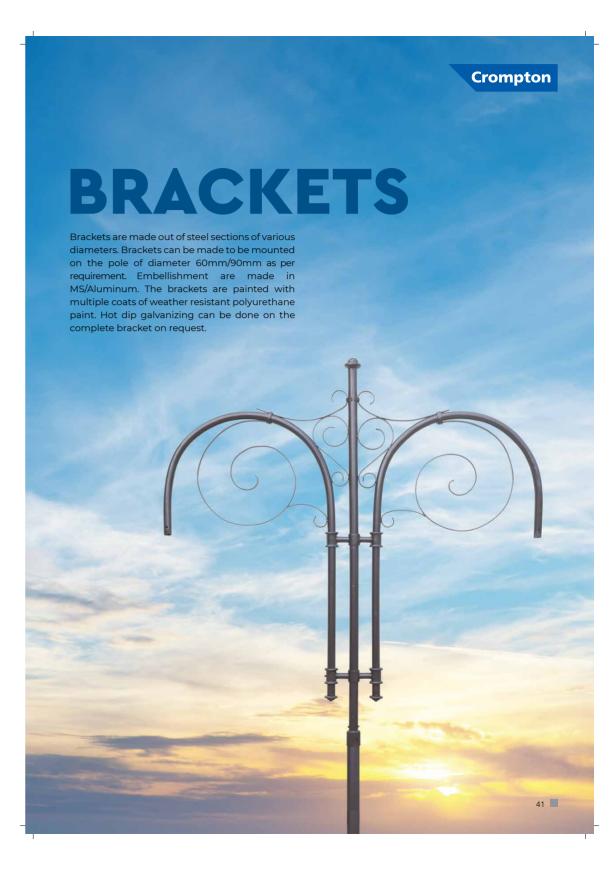


Pole Foundation (Upto 5 Mtrs.)



Pole Foundation (6-9 Mtrs.)

Foundation No.	Pole Size	А	В	С	D	Е	F	Foundation Bolts
F2	6 mtrs	1200	1500	750	450	225	85	M16 x 500
F3	7 mtrs	1200	1500	750	450	225	85	M16 x 700
F4	8 mtrs	1500	2100	750	750	300	100	M20 x 800
F5	9 mtrs	1500	2100	750	750	300	100	M20 x 800
F6	10 mtrs	1600	2300	750	750	300	100	M24 x 800



#### Crompton

HM-DECO-SA-NS | Single Arm





HM-DECO-SA-NS | Wall



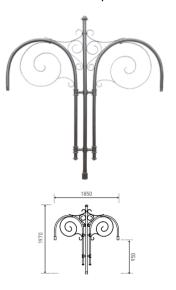


HM-DECO-SA-NS | Single Arm



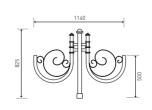


HM-DECO-DA-NS | Double Arm



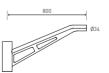
HM-DECO-DA-NS | Double Arm



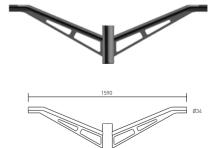


HM-DECO-SA-NS | Single Arm





HM-DECO-DA-NS | Double Arm



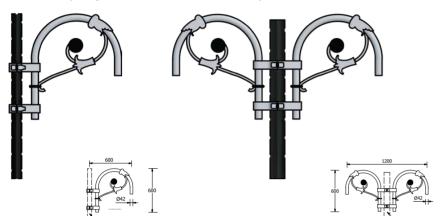
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#### Crompton

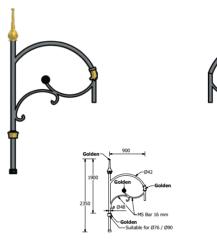


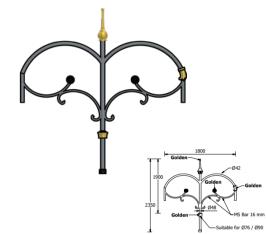
#### HM-DECO-DA-NS | Double Arm



#### HM-DECO-SA-NS | Single Arm

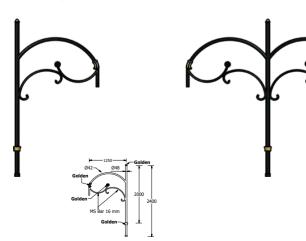
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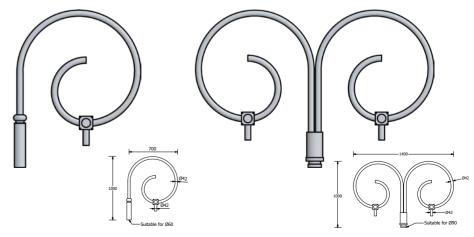
#### HM-DECO-SA-NS | Single Arm

HM-DECO-DA-NS | Double Arm



#### HM-DECO-SA-NS | Single Arm

#### HM-DECO-DA-NS | Double Arm





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NOTES:

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NOTES:		



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<b>Guwahati :</b> 3rd Floor, Shubham Velocity, Hanuram Boro Path V GS Road, Guwahati, Assam - 781005.	9678085875
<b>Bhubaneswar :</b> Janpath Tower, 3rd Floor, Ashok Nagar Unit II, Bhubaneswar - 751009, Odisha.	0674-2531429
Ranchi: ESS Agencies 3 West End Park, Kaju Bagan, Near Dav Hehal Ratu Road, Ranchi - 834005, Jharkhand.	Junior School, 9771411293
Patna: 3rd Floor, Shri Sadan, House No. 9, Opp. Ruban Hospita Near Patliputra Golamber, Patliputra Colony, Patna - 800013, B	
WEST REGION:	ighting B2B-Mumbai-RO@crompton.co.in
<b>Mumbai :</b> Business Square, A-Wing, 302, 3rd floor, Chakala, Opp Apple Heritage, Andheri-Kurla Road, Andheri East, Mumb	pai - 400093. 022-61132700
<b>Ahmedabad :</b> 4th Floor, 405 Gala Argos, BH Gujarat College, Ahmedabad - 380007 Gujarat.	9099924867
<b>Pune :</b> Durwankur Apartment, Wrangler Paranjape Road, Behind Vaishali Hotel, FC Road, Pune - 411004 Maharashtra.	9167540712
Indore: 409, 4th Floor, Satguru Parinay, Infront of C21 Mall, A.B. Road, Indore - 452010 M.P.	9713244447
Nagpur: 2nd Floor, Manik Bhawan, Plot No. 7&8, Tatya Tope Na West High Court Road, Nagpur - 440015 Maharashtra.	agar, 7389604075
Raipur: A-311, Crystal Arcade, Lodhi Para Square, Shankar Naga	
NORTH REGION: Lig	ghtingB2B-NewDelhi-RO@crompton.co.in
New Delhi: 9-10 Bahadur Shah Zafar Marg, 3rd Floor, Express E Near ITO Crossing. New Delhi - 110002.	Building, 011-23460700
Jaipur: Centre Point, 3rd Floor, Bhragu Nagar, Above Induslan DCM, Ajmer Road, Jaipur- 302006.	d Bank, 0141-4712700
Jalandhar: Bxii-407, 2nd Floor, Near B.S.F. Chowk, Ladowali Ro	oad, Jalandhar - 144001. 0181-5044240
Lucknow: Cyber Height, 2nd Floor, Office Space No.210, Vibhu Gomti Nagar, Lucknow - 226010.	ti Khand, 0522-4001511
SOUTH REGION:	ighting B2B-Chennai-RO@crompton.co.in
<b>Chennai :</b> Crompton Greaves Consumer Electricals Limited, No. 4 (New), Old No. 5, Kanniah Street, T.Nagar, Chennai - 6000	028. 044-40989533, 40989553, 4098514
Coimbatore: SF219, Annamalai Industrial Park, Kalapatti, Coimbatore - 641048.	7094473102, 7094473103
<b>Visakhapatnam :</b> Flat No. 101, Gokul Complex, Nowroji Road, Maharanipeta, Visakhapatnam - 530002	9642000224
<b>Bengaluru :</b> J. P. Square, 3rd Floor, No.17, 3rd Cross, 5th Main, Chamrajpet, Bengaluru - 560018.	080-41391908, 41391914
<b>Hyderabad :</b> No. 101 & 102,Babukhan Millennium Centre, Somajiguda, Hyderabad - 500082.	040-40709975, 40709999
Cochin: Door No. 3/5788, Zera Tower Cheranallore, Cochin - 68	2034. 0484-2433860

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