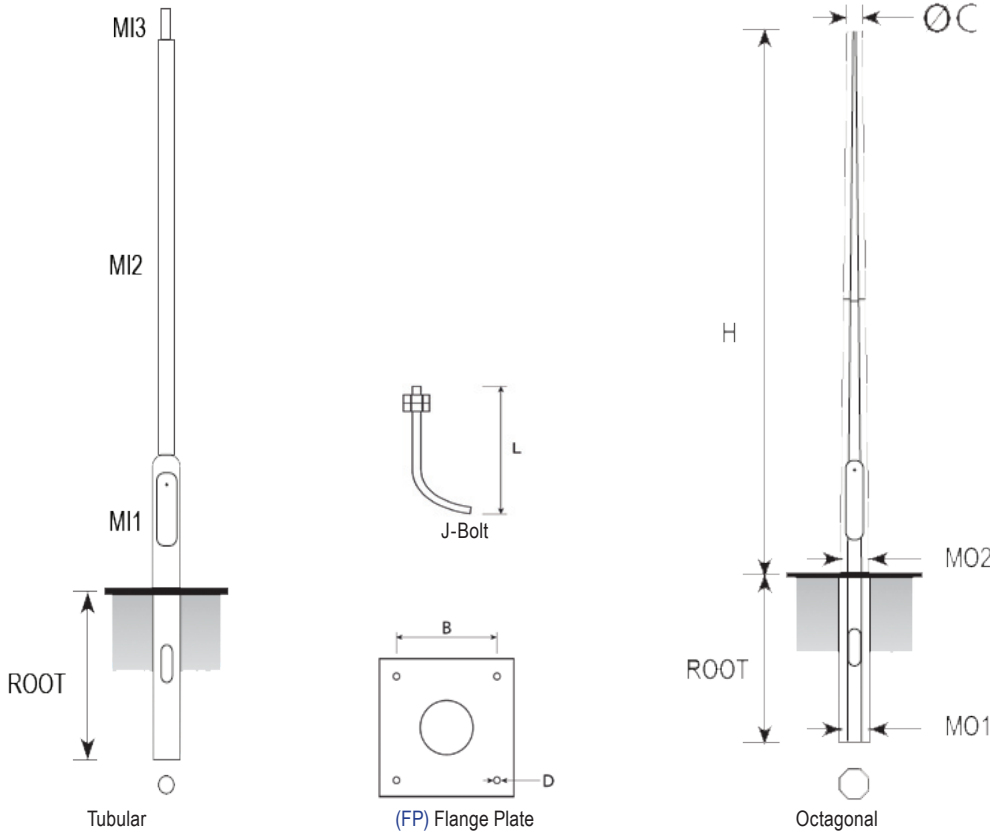


Column Range

EXTERIOR



Description

Galvanised steel columns are by far the most widely used column in England.

They come in a variety of heights and can easily be manufactured to suit the required application. For example, sign lights require shorter columns so that drivers can easily see the sign without having to look up too far. The highest columns, about 60m high, are known as 'High Masts', and are used to illuminate large areas, such as car parks and busy intersections. They usually have a winch system that allows the gantry (supporting at least four lanterns) to be lowered, so that maintenance can be carried out on the ground.

On major routes, for example motorways and dual carriages, special columns are used that are designed to fall if they receive a high impact and absorb the energy - to try and protect the vehicle and its contents. Another special column used is the 'drop down' or 'raise and lower' column. These columns are used in places where it would be difficult to gain access by other means, or where a hazard, such as low power lines can be a safety issue. By dropping the column down, engineers can carry out maintenance safely and confidently on the ground.

Galvanised steel columns are the main type of column that councils use as replacements or when installing new columns, as they are relatively inexpensive, and take a much longer time to corrode than untreated steel columns. Often a short section at the base of the column is painted with a bitumen paint, to further protect the column from corrosive elements. Stainless steel columns are not as widely used, as they cost more than galvanised columns, but can maintain a 'new' look for longer.

Tubular Range Ordering Information									
Reference Number	Height	M11	M12	M13	Door Opening	Root	Max. Head Load	Hole Centre	Bolt Size
MICOL3CT60	3m	Ø140	Ø60	N/A	500 x 100	800	50kg / 0.5m ²	200	M16 x 500
MICOL3CT76	3m	Ø140	Ø76	N/A	500 x 100	800	50kg / 0.9m ²	200	M16 x 500
MICOL4CT60	4m	Ø140	Ø60	N/A	500 x 100	800	50kg / 0.6m ²	200	M16 x 500
MICOL4CT76	4m	Ø140	Ø76	N/A	500 x 100	800	50kg / 0.9m ²	200	M16 x 500
MICOL4CT76S60	4m	Ø140	Ø76	Ø60	500 x 100	800	50kg / 0.9m ²	200	M16 x 500
MICOL5CT60	5m	Ø140	Ø60	N/A	500 x 100	800	50kg / 0.4m ²	200	M16 x 500
MICOL5CT76	5m	Ø140	Ø76	N/A	500 x 100	800	50kg / 0.6m ²	200	M16 x 500
MICOL5CT76S60	6m	Ø140	Ø76	Ø60	500 x 100	800	50kg / 0.6m ²	200	M16 x 500
MICOL6CT76	6m	Ø140	Ø76	N/A	500 x 100	1000	50kg / 0.36m ²	200	M16 x 500
MICOL6CT76S60	6m	Ø140	Ø76	Ø60	500 x 100	1000	50kg / 0.36m ²	200	M16 x 500
MICOL6CT89	6m	Ø168	Ø89	Ø76	600 x 115	1000	50kg / 0.75m ²	200	M16 x 500
MICOL8CT89	8m	Ø168	Ø89	Ø76	600 x 115	1200	50kg / 0.36m ²	300	M24 x 700
MICOL8CT89S60	8m	Ø168	Ø89	Ø60	600 x 115	1200	50kg / 0.36m ²	300	M24 x 700
MICOL8CTM114	8m	Ø168	Ø114	Ø101	600 x 115	1200	60kg / 0.95m ²	300	M24 x 700
MICOL8CTH140	8m	Ø192	Ø140	Ø127	600 x 115	1200	80kg / 1.56m ²	300	M24 x 700
MICOL10CT114	10m	Ø168	Ø114	Ø101	600 x 115	1500	50kg / 0.5m ²	300	M24 x 700
MICOL10CTH140	10m	Ø192	Ø140	Ø127	600 x 115	1500	80kg / 0.84m ²	300	M24 x 700
MICOL12CTHB140	12m	Ø192	Ø140	Ø127	600 x 115	1700	70kg / 0.73m ²	300	M24 x 700

Octagonal Range Ordering Information									
Reference Number	Height	ØC	MO1	MO2	Door Opening	Root	Max Head Load	Hole Centre	Bolt Size
MICOL47CO	4.7m	74	165	151	500 x 100	800	25kg / 0.37m ²	200	M16 x 500
MICOL57CO	5.7m	74	165	151	500 x 100	1000	25kg / 0.37m ²	200	M16 x 500
MICOL8CO	8m	76	234	209	600 x 115	1500	130kg / 1.34m ²	300	M24 x 700
MICOL10CO	10m	76	285	255	600 x 115	1700	130kg / 1.27m ²	300	M24 x 700

For flanged plate version add suffix (FP). Max. Head Load Figures are based on a K factor of 1.8.

When ordering quote reference number followed by essential & specific options. Standard dimming is 1-10v, for switch dim or DALI dimming please specify

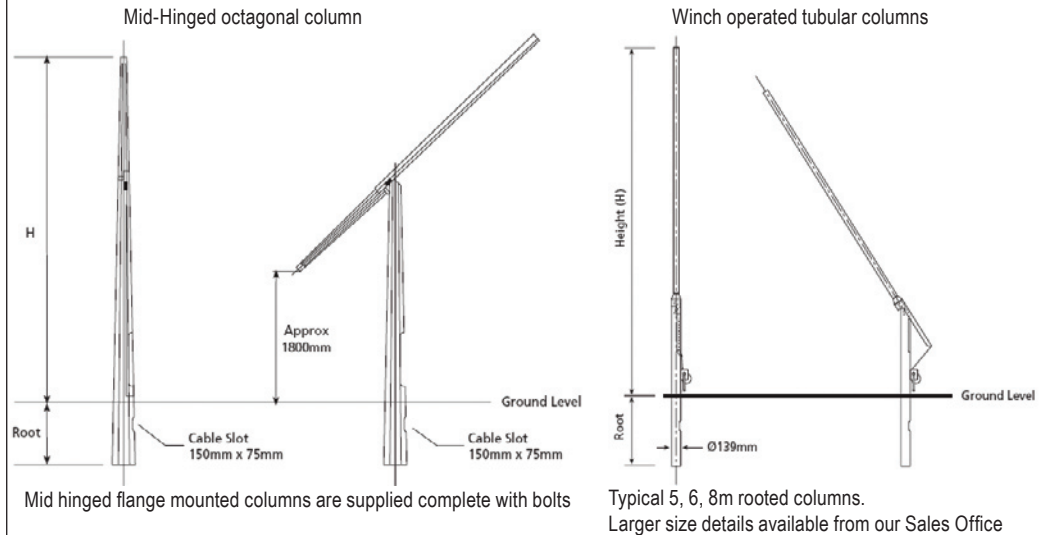
Tel: 01494 437962

Fax: 01494 462657

Email: sales@midlighting.co.uk

Due to ongoing research and development specifications are subject to change without prior notice. Some availability subject to minimum order quantity

Column Range



Mid-Hinged Octagonal Range Ordering Information

Reference Number	Height	Description	Root	Max Headload	Max Windage	Operation Accessories	Hole Centres	Bolt Size
MICOL47MHR	4.7m	Mid Hinged Rooted	800	20kg	0.50m2	A	N/A	N/A
MICOL47MHF	4.7m	Mid Hinged Flange Mounted c/w bolts	N/A	20kg	0.50m2	A	200	M16 x 500
MICOL57MHR	5.7m	Mid Hinged Rooted	800	15kg	0.50m2	A	N/A	N/A
MICOL57MHF	5.7m	Mid Hinged Flange Mounted c/w bolts	N/A	15kg	0.50m2	A	200	M16 x 500
MICOL80MHR	8m	Mid Hinged Rooted	1200	44kg	0.52m2	A	N/A	N/A
MICOL80MHF	8m	Mid Hinged Flange Mounted c/w bolts	N/A	44kg	0.52m2	A	300	M20 x 400
MICOL10MHF	10m	Mid Hinged Flange Mounted c/w bolts	N/A	45kg	0.54m2	A	300	M20 x 400
MICOL10MHFH	10m	Mid Hinged Flange Mounted c/w bolts	N/A	173kg	1.04m2	D	300	M25 x 820
MICOL12MHF	12m	Mid Hinged Flange Mounted c/w bolts	N/A	46kg	0.48m2	A	300	M20 x 400
MICOL12MHFH	12m	Mid Hinged Flange Mounted c/w bolts	N/A	188kg	1.24m2	D	300	M25 x 820
MICOL14MHF	14m	Mid Hinged Flange Mounted c/w bolts	N/A	139kg	0.48m2	D	300	M25 x 820
MICOL16MHF	16m	Mid Hinged Flange Mounted c/w bolts	N/A	163kg	1.73m2	D	400	M32 x 1070

Winch Operated Tubular Range Ordering Information

Reference Number	Height	Description	Root	Max Head Load	Max Windage	Operation accessories
MICOL5BHR76	5m	Base Hinged Rooted	800	25kg	0.40m2	B
MICOL5BHF76	5m	Base Hinged Flange Mounted c/w bolts	N/A	25kg	0.40m2	B
MICOL6BHR76	6m	Base Hinged Rooted	1000	20kg	0.20m2	B
MICOL6BHF76	6m	Base Hinged Flange Mounted c/w bolts	N/A	20kg	0.20m2	B
MICOL8BHR	8m	Base Hinged Rooted	1200	30kg	0.70m2	C
MICOL8BHF	8m	Base Hinged Flange Mounted c/w bolts	N/A	30kg	0.70m2	C
MICOL10BHF	10m	Base Hinged Flange Mounted c/w bolts	N/A	75kg	0.90m2	E or F
MICOL12BHF	12m	Base Hinged Flange Mounted c/w bolts	N/A	110kg	0.86m2	E or F
MICOL14BHF	14m	Base Hinged Flange Mounted c/w bolts	N/A	150kg	1.85m2	E or F
MICOL15BHF	15m	Base Hinged Flange Mounted c/w bolts	N/A	150kg	1.85m2	E or F
MICOL16BHF	16m	Base Hinged Flange Mounted c/w bolts	N/A	130kg	1.45m2	E or F
MICOL18BHF	18m	Base Hinged Flange Mounted c/w bolts	N/A	135kg	1.26m2	E or F

Accessories Ordering Information

Code	Reference Number	Description
A	MIROPE	Rope
B	MIWINCHF	Winch tool to operate 5 to 6m columns
C	MIWINCHFHD	Winch tool to operate 8m columns
D	MIWINCHS	Winch tool to operate 10/12/14/16m columns
E	MIMCBALANCE	Manual counterbalance to suit 10/12/15/16/18m columns
F	MIECBALANCE	Electric counterbalance to suit 10/12/15/16/18m columns

When ordering quote reference number followed by essential & specific options. Standard dimming is 1-10v, for switch dim or DALI dimming please specify