Kingfisher Lighting

Datasheet



Columns

A comprehensive range of tubular, conical and hinged columns, for road & transport, car parks, residential and urban landscapes.

Experts in columns

- Over 25 years' experience
- Lighting design facility to help you specify
- Support to match the columns with luminaires & brackets

Maintained stock levels

- Extensive stock of most columns held at our warehouse
- In-house fabrication and finishing options

Nation-wide delivery

- Hi-ab equipment to enable fast and safe off-loading
- Fleet fitted with trackers to monitor deliveries
- Helpful drivers who handle the on-site deliveries
- Free delivery on orders over £300 within mainland GB

High quality standards

- Designed in accordance with BS EN40
- Manufactured from steel tube to either EN10210 or EN10219

What to consider when designing with columns

BS EN40 provides a detailed framework for the design of a lighting column and provides key considerations when designing an exterior lighting scheme to ensure the structural integrity of the column.

A lighting column design must take into account (in relationship to mounting height):

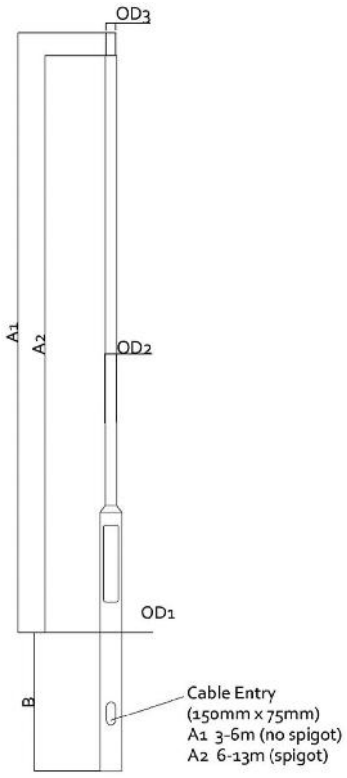
- Weight and windage of the luminaire and bracket
- Wind speed
- Site altitude
- Site terrain and topography

When this information is not readily available, PD 5647:2004 may be used for guidance. This document contains informative data relating to the administrative areas of the UK, providing a rationalised wind loading factor (RWF) for each location. Please contact us for more information.

Tubular columns (3m - 12m)

A range of tubular lighting columns suitable for road, residential and general amenity areas. Available root mounted or flange plated.

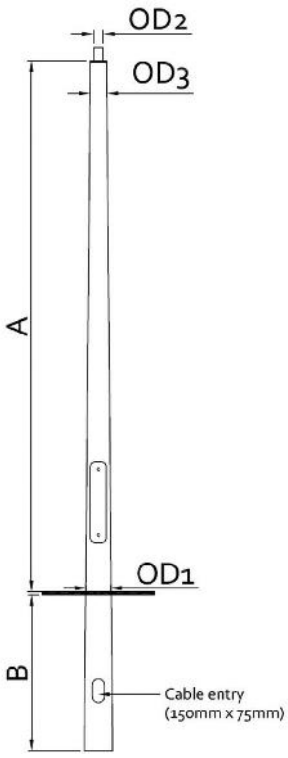
Tubular



Conical lighting columns (4m - 8m)

An aesthetic range of conical lighting columns suitable for residential and amenity areas. Available root mounted or flange plated.

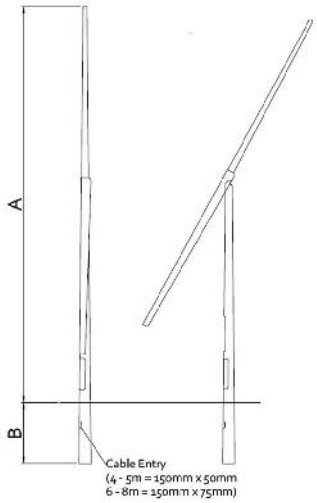
Conical



Mid-hinged columns (4m - 15m)

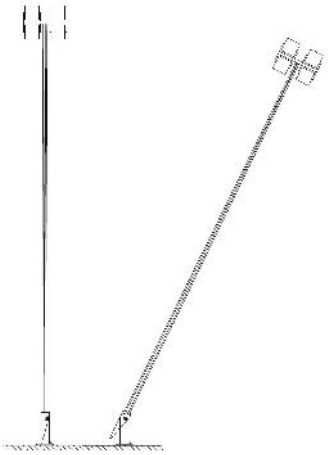
An easy–access range of mid-hinged columns suitable for residential, amenity, rail and industrial areas where conventional access platforms are unsafe or unsuitable. Available root mounted or flange plated. When installing mid-hinged columns, minimum head load is required for the column to hinge.

Mid-Hinged



Base-hinged columns

Base-hinged columns are an option for cost effective, safe and easy maintenance. The lowering of the column is done quickly and safely using a raising and lowering tool specific to the column. This lowers the column to ground level for easy access to the luminaire. Base-hinged columns are best suited to sites with tight access and where mobile platforms cannot be used such as sports facilities, car parks and footpaths.



Tubular columns (3–12m)

A range of tubular lighting columns suitable for road, residential and general amenity areas. Available root mounted or flange plated.

Tubular columns (root mounted)

Code	A	OD1	OD2	OD3	Door Openings	B	Terrain Category	Max Head Load
3CT76	3m	Ø140	Ø76	N/A	500 x 100	800	3	50kg/0.90m²
4CT76	4m	Ø140	Ø76	N/A	500 x 100	800	3	50kg/0.50m²
5CT76	5m	Ø140	Ø76	N/A	500 x 100	800	3	50kg/0.50m²
6CT76	6m	Ø140	Ø76	N/A	500 x 100	1000	3	50kg/0.50m²
6CTH89	6m	Ø168	Ø89	Ø76	600 x 115	1000	3	50kg/0.75m²
8CT89	8m	Ø168	Ø89	Ø76	600 x 115	1200	2	50kg/0.36m²
8CTM114	8m	Ø168	Ø114	Ø101	600 x 115	1200	2	60kg/0.55m²
10CT114	10m	Ø168	Ø114	Ø101	600 x 115	1500	2	50kg/0.50m²
10CTH140	10m	Ø192	Ø140	Ø127	600 x 115	1500	2	80kg/1.00m²
12CTHB140	12m	Ø192	Ø140	Ø127	600 x 115	1700	2	70kg/0.85m²

Tubular columns (flange plated)

Code	A	OD1	OD2	OD3	Door Openings	Terrain Category	Max Head Load	Hole Centres C	Slot Size H	Bolt Code
3CT76FP	3m	Ø140	Ø76	N/A	500 x 100	3	50kg/0.90m²	200	20 x 50	FB001
4CT76FP	4m	Ø140	Ø76	N/A	500 x 100	3	50kg/0.50m²	200	20 x 50	FB001
5CT76FP	5m	Ø140	Ø76	N/A	500 x 100	3	50kg/0.50m²	200	20 x 50	FB001
6CT76FP	6m	Ø140	Ø76	N/A	500 x 100	3	50kg/0.50m²	200	20 x 50	FB001
6CTH89FP	6m	Ø168	Ø89	Ø76	600 x 115	3	50kg/0.75m²	200	24 x 50	FB007
8CT89FP	8m	Ø168	Ø89	Ø76	600 x 115	2	50kg/0.36m²	300	29 x 64	FB004
8CTM114FP	8m	Ø168	Ø114	Ø101	600 x 115	2	60kg/0.55m²	300	29 x 64	FB004
10CT114FP	10m	Ø168	Ø114	Ø101	600 x 115	2	50kg/0.50m²	300	29 x 64	FB004
10CTH140FP	10m	Ø192	Ø140	Ø127	600 x 115	2	80kg/1.00m²	300	29 x 64	FB004
12CTHB140FP	12m	Ø192	Ø140	Ø127	600 x 115	2	70kg/0.85m²	300	29 x 64	FB004

Conical lighting columns (4–6m)

An aesthetic range of conical lighting columns suitable for residential and amenity areas. Available root mounted.

Code	A	B	OD1	OD2	OD3	Door Size	Terrain Category	Max Head Load	Max Windage
4CCS60L	4m	800mm	133mm	60mm	60 x 85	500 x 100	3	30kg	0.5m²
5CCS60L	5m	800mm	145mm	60mm	60 x 85	500 x 100	3	35kg	0.5m²
6CCS60L	6m	800mm	157mm	60mm	60 x 85	500 x 100	3	40kg	0.5m²
8CCS60L	8m	1200mm	168mm	60mm	76mm	500 x 100	2	40kg	0.45m²

Mid-hinged columns (4–8m)

An easy–access range of mid-hinged columns suitable for residential, amenity, rail and industrial areas where conventional access platforms are unsafe or unsuitable for use. Available root mounted or flange plated.

Code	A	Description - Mid hinged octagonal	B	Max Head Load *	Max Windage	Hole Size L	Flange Size/ Code	Bolt Code	Bolt	Winch
	Rope Operated									
4MHRL	4m	Root mounted	800	20kg	0.5m²					Rope
4MHFPL	4m	Flange plated		20kg	0.5m²	200	300mm/18mm	M16 x 500	FB001	Rope
5MHRL	5m	Root mounted	800	20kg	0.5m²					Rope
5MHFPL	5m	Flange plated		20kg	0.5m²	200	300mm/18mm	M16 x 500	FB001	Rope
6MHRL	6m	Root mounted	1000	20kg	0.5m²					Rope
6MHFPL	6m	Flange plated		20kg	0.5m²	200	300mm/18mm	M16 x 500	FB001	Rope
	Winch Operated									
4MHRL	4m	Root mounted	800	35kg	0.5m²					KLWINCHL
4MHFPL	4m	Flange plated		35kg	0.5m²	200	300mm/18mm	M16 x 500	FB001	KLWINCHL
5MHRL	5m	Root mounted	800	35kg	0.5m²					KLWINCHL
5MHFPL	5m	Flange plated		35kg	0.5m²	200	300mm/18mm	M16 x 500	FB001	KLWINCHL
6MHRL	6m	Root mounted	1000	35kg	0.5m²					KLWINCHL
6MHFPL	6m	Flange plated		35kg	0.5m²	200	300mm/18mm	M16 x 500	FB001	KLWINCHL
8MHF1	8m	Flange plated		70kg	0.98m²	300	420mm/25mm	M24 x 820	FB004	KLWINCHSHD
8MHRL1	8m	Rooted mounted	1200	135kg	0.70m²					KLWINCHSHD <100kg KLWINCHSHD2 >100kg

Above weight and windage area figures are based on a medium terrain category. Other sizes & variations available on request.

*Please note maximum carrying weight of a 4m - 6m mid - hinged column is 20kg with a rope or 35kg with a winch

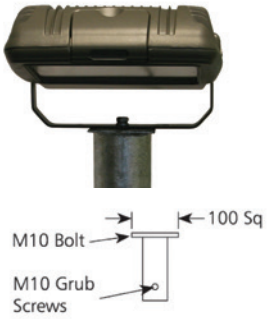
Kingfisher Lighting

Datasheet

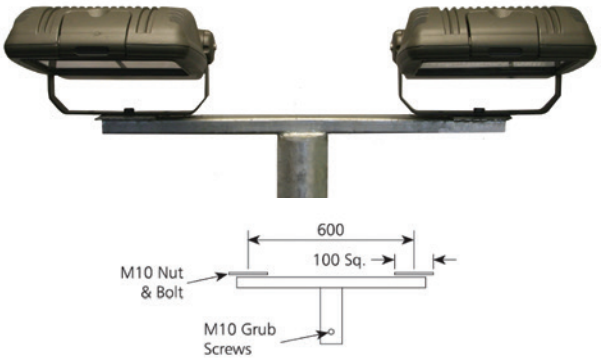
Floodlight Brackets

Our floodlight brackets ensure your floodlight is securely mounted onto the column. Each bracket has a top plate of 100mm square with a M10 zinc plated bolt, allowing full orientation of the floodlight. All brackets are supplied in a hot dip galvanised finish and are complete with the necessary bolts for mounting to the column.

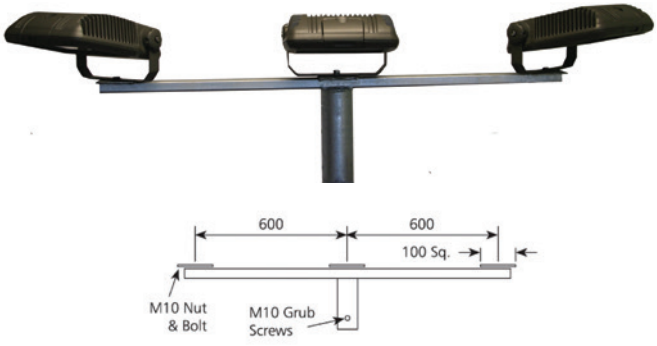
STM1 Single floodlight mounting bracket



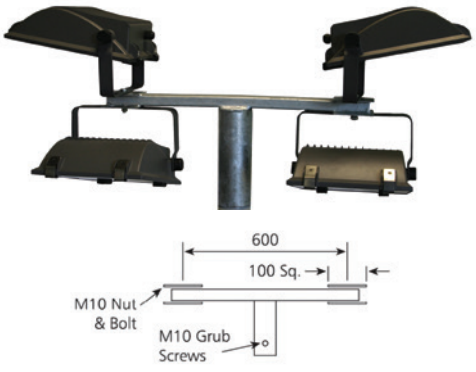
STM2 Twin floodlight mounting bracket



STM3 Triple floodlight mounting bracket



STM4 Four floodlight mounting bracket



Code	Luminaire Type
Single floodlight mounting bracket	
STM176	To over fit a column with a 60mm dia spigot/shaft
STM189	To over fit a column with a 76mm dia spigot/shaft
STM1114	To over fit a column with a 89 or 101mm dia spigot/shaft
STM1140	To over fit a column with a 127mm dia spigot/shaft
Twin floodlight mounting bracket	
STM276	To over fit a column with a 60mm dia spigot/shaft
STM289	To over fit a column with a 76mm dia spigot/shaft
STM2114	To over fit a column with a 89 or 101mm dia spigot/shaft
STM2140	To over fit a column with a 127mm dia spigot/shaft

Code	Luminaire Type
Triple floodlight mounting bracket	
STM376	To over fit a column with a 60mm dia spigot/shaft
STM389	To over fit a column with a 76mm dia spigot/shaft
STM3114	To over fit a column with a 89 or 101mm dia spigot/shaft
STM3140	To over fit a column with a 127mm dia spigot/shaft
Four floodlight mounting bracket	
STM476	To over fit a column with a 60mm dia spigot/shaft
STM489	To over fit a column with a 76mm dia spigot/shaft
STM4114	To over fit a column with a 89 or 101mm dia spigot/shaft
STM4140	To over fit a column with a 127mm dia spigot/shaft

Most columns of 8 metres and above have a column spigot; we will ensure that the brackets ordered will fit your columns. Where brackets are purchased alone for existing columns please indicate the diameter of the column spigot. The four-way brackets are to mount two floodlights on top of the cross arm and two underneath using the same bolts. Fittings to fix at the same level above the cross arm facing North, South, East, West are also available, add suffix NSEW to STM4 reference. These brackets are only suitable for mounting flood lights up to 400W. For 1000W and above suffix with 'H' for heavy duty e.g STM2H89.

Mira LED Floodlight

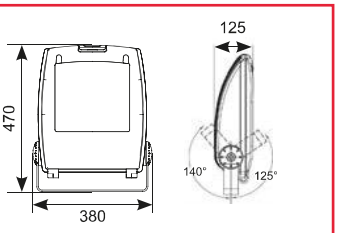
Supplied c/w Integral Driver

- *Architectural slim die-cast LED floodlight*
- *100W LED exceeds performance of 150W HQI*
- *200W LED comparable performance to 400W HQI*
- *Optically textured glass for enhanced light output*
- *Heat sink design provides optimum LED life*
- *Graphite textured paint finish*
- *Pre-wired with 1 metre of rubber insulated cable for ease of installation*
- *PIR versions complete with manual override facility*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*

- *Note: 100W and 200W versions are not suitable for interior use*



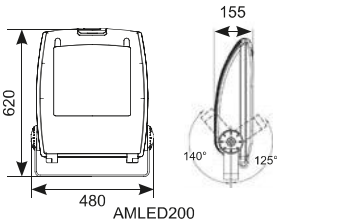
AMLED100



AMLED100



AMLED200



AMLED200

LED Information

Total (Watts)	*100W*
	200W
Lumens Delivered	
100W	*7850lm*
200W	*17380lm*
Lm/W 100W	*78lm*
Lm/W 200W	*87lm*
CRI	*Ra 70*
CCT	*4750K*
Input	*230V*

CE IP65

	Code	Lamp	Description	Windage
	AMLED100	LED	100W - Cool White	0.18
	AMLED200	LED	200W - Cool White	0.30
Options	**/PC**	Electronic Photocell		

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