



Vehicle lighting
solutions



Technical Specification





Product Comparison

	NIGHTOWL LITE	NIGHTOWL CLASSIC	NIGHTOWL VISION
Available in 12V and 24V	√	√	√
Pneumatic Telescopic mast	×	√	√
Mast deployment time*	12 seconds	14 seconds**	6 seconds**
Full mast retraction time**	11.5 seconds	30 seconds**	17 seconds**
Mast assembly length raised	1.81 meters	2.07 meters	3.2meters
Mast assembly length parked	1.84 meters	1.30 meters	1.54 meters
Weight***	46kgs	54kgs	62kgs
Automatic park facility	√	√	√
Obstruction auto stop feature	×	×	√
Pan and tilt function	√	√	√
Mast lock	Standard fit	Optional	Standard fit
Upwards light operation	Pan Down Only	Pan Down Only	Pan Up/Down

* Mast can be stopped at any point during mast raise. Lights can be manually or automatically illuminated
 ** Time is based on product fitted with the air regulator option, the compressor option has a slower deployment time.
 *** Weight is dependent upon lighting combinations or other fixings (e.g. cameras to the main head assembly)

Handset Comparison

3 meter cable fitted as standard	√	√	√
6 meter cable extension	Optional	Optional	Optional
Wired remote handset	√	√	√
Keypad Illumination	×	×	√
Low voltage warning	×	×	√

Options

	NIGHTOWL LITE	NIGHTOWL CLASSIC	NIGHTOWL VISION
Roof mounting kit	√	√	√
On-board air regulator option	×	√	√
On-board aircompressor option	×	√	√
Single tap parking option	×	×	√
Double tap parking option	√	√	√
Surface mounted LED Uplighter	√	√	×
Flush mounted LED Uplighter	×	×	√
Service handset (for reading date, time, all stored fault codes and system feature setup) 	×	×	√



Night Owl Lighting Configurations

Woodway's mast systems can be fitted with a range of high intensity LED lighting options designed to meet a customers specific illumination requirements. These include spot, flood and combination lighting, up to 16,000 lumens per light head.

Benefits of LED lighting include:

- High performance - LED lights are extremely efficient and offer high lumen output/watt.
- Reliable - 5 years lighting warranty.
- Durable - LED lighting benefits from solid state electronics and this feature combined with a rugged die cast housing, making these lights ideal for use in the most demanding of working environments.
- Versatile - Communication equipment and LED beacons in a variety of colours can also be combined with the LED lighting onto Woodway's mast systems.

Recommended LED lighting options include 24V vehicle system offering up to 74080 lumens and 12v vehicle systems up to 37040 lumens.

Note: Woodway's masts can be equipped with a range of ruggedized high performance camera systems including IR, thermal imaging and video transmission facilities. Brochure available on request.

Lighthouse	Type	Voltage	Amps	Watts	Lumens*
PFH1	Floodlight	12V	6	75	9260
PFH14	Floodlight	24V	3	75	9260
PCH1	Flood & spot	12V	6	75	9260
PCH14	Flood & spot	24V	3	75	9260
PFH24	Floodlight	24V	6	150	18520
PCH24	Flood & spot	24V	6	150	18520

* At time of publication. Will periodically increase due to improving LED technology.



PFH1



PFH2



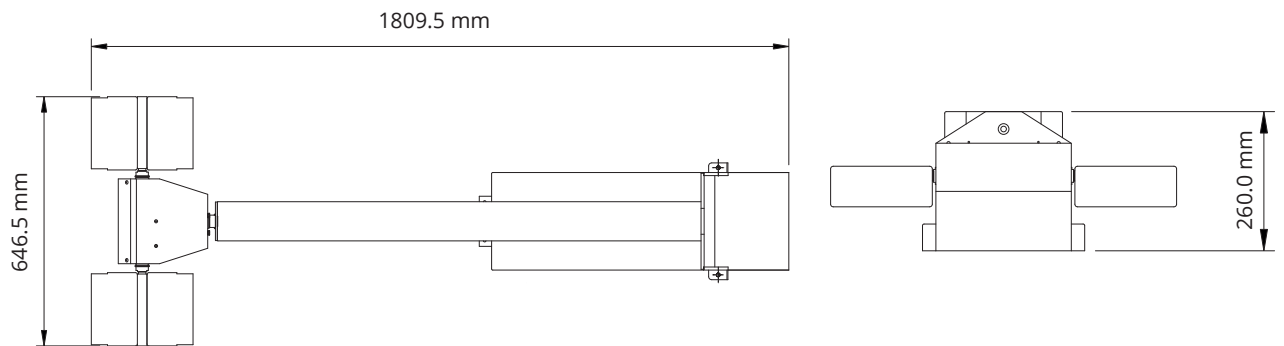
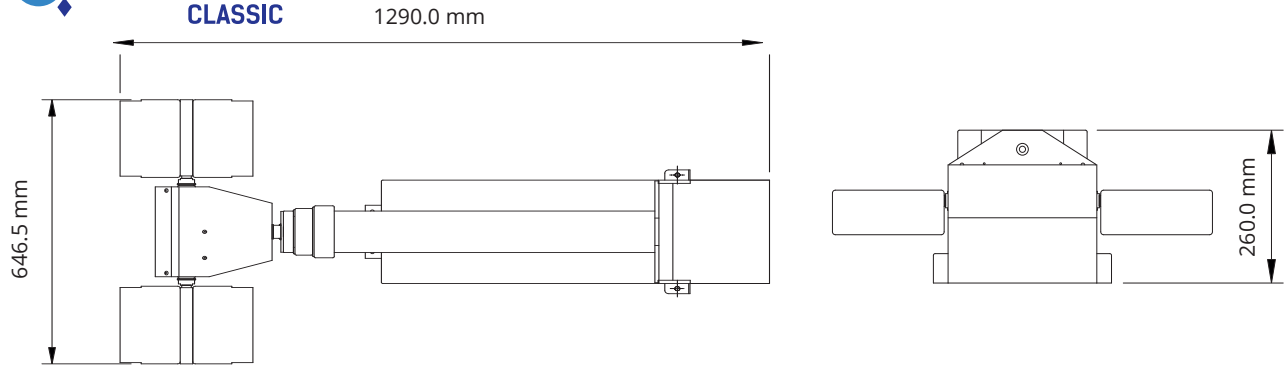
PCH1



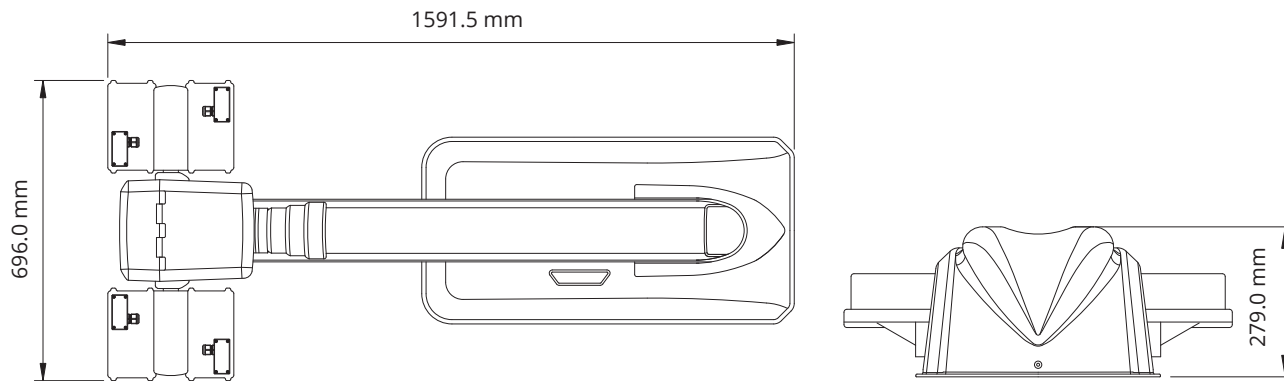
PCH2



Base Dimensions



Length includes Beacon.
1555mm without Beacon.



The Night Owl range of products are designed and manufactured in the UK



Reputation for quality, reliable products, backed up by service and warranty



For more information, a demonstration or quotation please contact:

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ISO 9001 ensures quality and conformity of manufacture



3 Year warranty on Camera Systems