

DESCRIPTION

The first truly 360° aspect Belisha beacon with high intensity LED arrays giving better visibility on sunny days to approaching vehicles and pedestrians.

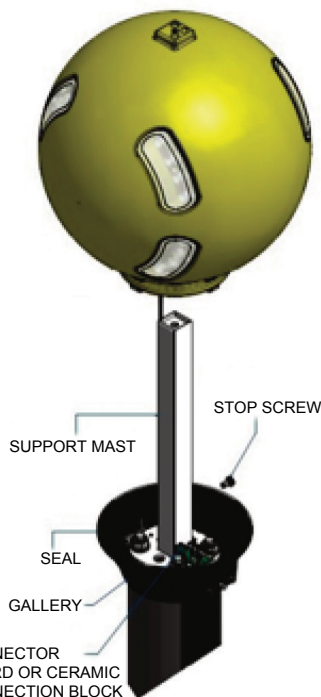
Based on the highly successful Modubel and Midubel, this new offering raises safety to an even higher level by improving visibility.

Both beacons are a tough, high visibility retro-fit for Belisha beacon assembly for standard tubular beacon posts. It is also possible to retrofit to existing Simmons signs amber beacon installations with ease.

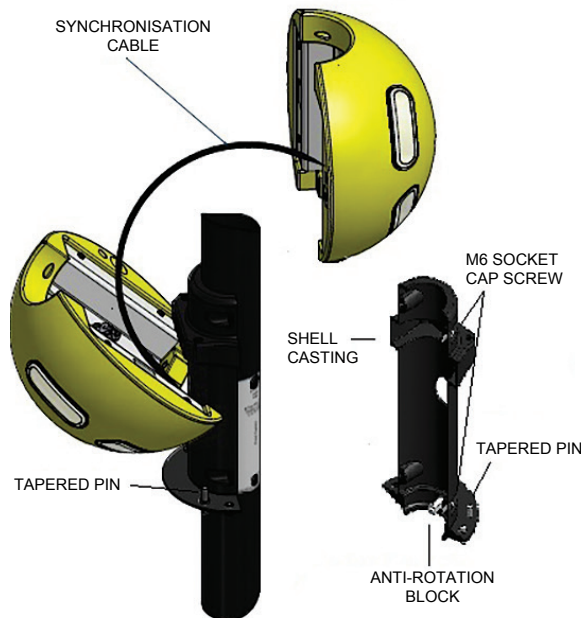
All beacons have high quality LED lighting units driven at 24 Volts AC for significantly reduced maintenance and improved safety.



ModuStar



MiduStar



Full Shroud option



Half Shroud option



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ASSEMBLY	
Gallery	Die Cast LM6-M aluminium, acid cleaned, chromate primed and polyester powder coated black, incorporating stainless steel globe support mast and pre-fitted stainless steel shroud fixing points. Pre-wired with 4 metres of cable and IP56 transformer connector. All threads are stainless steel bushed.
Globe	335mm diameter, self-coloured, rotationally moulded, UV stabilised low density polyethylene, 2.5mm nominal wall thickness. Stainless steel Tri-head fixing with load washer
Transformer	230 Volt AC primary, 24 Volt AC secondary @ 2 amps. Fully potted with a vacuum impregnated core, featuring short circuit and thermal protection. Supplied complete with pre-wired IP56 connector for connection to supplied drop lead and fixing screws. Dimensions 90x60x70mm high.
Shroud	3mm black polycarbonate with stainless steel fixings.
IP Integrity	IP56

LIGHT OUTPUT						
The mean luminance from the beacon globe measured in accordance with BS8442	ModuStar			MiduStar		
	Average of 780 cd/m ² with a uniformity ratio of 0.75			Average of 1794 cd/m ² with a uniformity ratio of 0.68		
LIGHT OUTPUT IMPACT OF HIGH INTENSITY LEDs						
The mean luminance from the entire beacon globe including the high visibility illumination units give a total measured candela per square metre output per side of :-	ModuStar			MiduStar		
		Night/Dim (cd/m ²)	Day (cd/m ²)		Night/Dim (cd/m ²)	Day (cd/m ²)
	Level 0	849**		Level 0	1504**	
	Level 1		2800	Level 1		2918
	Level 2		2895	Level 2		3076
	Level 3		3346	Level 3		3382
	Level 4		3385	Level 4		3622
	Level 5		3820	Level 5		4181
	Level 6		4167	Level 6		4483
	Level 7*		5107	Level 7*		5381
	Level 8		5438	Level 8		6241
Level 9	6453		Level 9	7461		

* Factory setting

** Night time dimming is activated by a 70 lux photocell with a 2 minute switching delay to avoid erroneous switching. The MiduStar has independent beacon halves, each with its own photocell. Each half could therefore dim at slightly different times. Night dimming only applies to the high intensity LEDs.

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