

DESCRIPTION

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

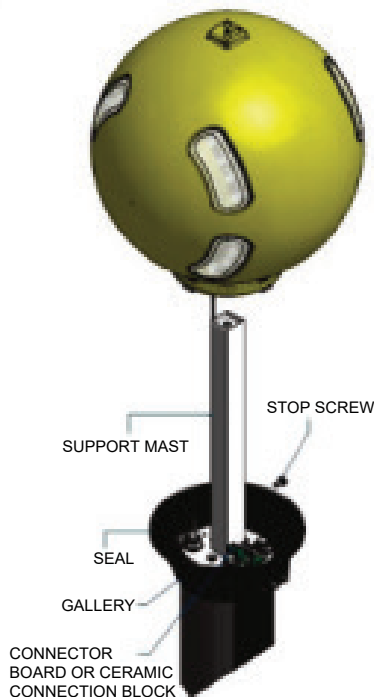
Based on the highly successful Modubel and Midubel, this new offering raises safety to an even higher level by improving visibility.

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.

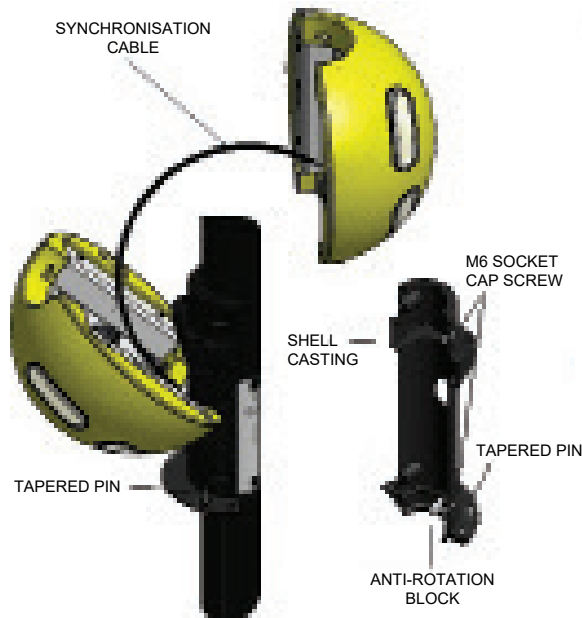
All beacons have high quality LED lighting units driven at 24 Volts AC for significantly reduced maintenance and improved safety.



ModuStar



MiduStar



Full Shroud option



Half Shroud option



Simmons signs Limited reserves the right to alter or improve this guide without prior notice.

simmons signs.co.uk

+44 (0)7841 052 022
+44 (0)1952 293 333
sales@simmons signs.co.uk

Stafford Park 5
Telford Shropshire
TF3 3AS

Doc Ref: DG129
Issue Date: May 2022
Issue Number: 4

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

The mean luminance from the beacon globe measured in accordance with BS8442

LIGHT OUTPUT

ModuStar

High Output 725 cd/m² with a uniformity ratio of 0.78
Low Output 400 cd/m² with a uniformity ratio of 0.78

* Factory setting

** Night time dimming is activated by a 70 lux photocell with a 2 minute switching delay to avoid erroneous switching.

Night dimming applies to the beacon and high intensity LEDs.

MiduStar

High Output 1800cd/m² with a uniformity ratio of 0.8
Low Output 1020cd/m² with a uniformity ratio of 0.8

* 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 applies to the beacon and high intensity LEDs.

LIGHT OUTPUT IMPACT OF HIGH INTENSITY LEDs

ModuStar			DAY (Circuit Watts)			NIGHT** (Dimmed Circuit Watts)			Switch Regime
	Mode	Charge Code	Watts	Globe	Arrays	Watts	Globe	Arrays	
0*	7950017002100	11	100%	100%	5.3	60% N	60% N	200	
1	7950017003100	11	100%	100%	4.5	60% N	Off	200	
2	7950017004100	5.3	100%	60% N	5.3	60% N	60% N	N/A	
3	7950017005100	5.3	100%	60% N	4.5	60% N	Off	200	

MiduStar	HIGH		DAY (Circuit Watts)			NIGHT** (Dimmed Circuit Watts)			Switch Regime
	Mode	Charge Code	Watts	Globe	Arrays	Watts	Globe	Arrays	
0*	7950042009100	25	100%	100%	13	60% N	60% N	200	
1	7950042010100	25	100%	100%	12	60% N	Off	200	
2	7950042011100	17	100%	60% N	13	60% N	60% N	200	
3	7950042012100	17	100%	60% N	12	60% N	Off	200	

MiduStar	LOW		DAY (Circuit Watts)			NIGHT** (Dimmed Circuit Watts)			Switch Regime
	Mode	Charge Code	Watts	Globe	Arrays	Watts	Globe	Arrays	
0	7950042013100	12	60%	100%	13	60% N	60% N	200	
1	7950042014100	12	60%	100%	12	60% N	Off	N/A	
2	7950042015100	13	60%	60% N	13	60% N	60% N	N/A	
3	7950042016100	13	60%	60% N	12	60% N	Off	200	

Simmons signs Limited reserves the right to alter or improve this guide without prior notice.

Key: N = Nominal