

SAFETY FIRST

Isolate the mains electrical supply before commencing installation.
All electrical work must be carried out in accordance with the latest IET wiring regulations (BS7671) by suitably qualified engineers.
To avoid dropping this product, use high grip safety gloves when handling.

TOOLS REQUIRED

Tri-Head Key
Terminal Screwdriver 3 – 5mm
5mm Allen key
7mm drill
Phillips screwdriver (Upgrade only)

INSTALLING MODUSTAR

1. Isolate the mains supply and remove any existing equipment from the top of the post together with its wiring and control gear. The Modustar has a built in flasher control and does not require an external device such as a Rotaflash unit.
2. Drill a 7mm anti rotational hole, 37mm down from the top of the post and at 90° to the traffic flow.
3. Take the Modustar assembly and uncoil the attached supply cable(s). Should the Modustar have a 240volt spot light factory fitted, a second cable will also need uncoiling.
4. Pass the cable(s) down the post into the column base compartment. Lock the beacon onto the post by tightening the gallery socket screws. One of the screws has a dog point which should align with the anti-rotation drilled in step 2.
5. Mount the transformer unit in the column base using the fixing screws provided.
6. Connect the mains input cable from the transformer to the incoming 240vac mains supply at the fused cut-out. If a spot light is fitted this should also be connected to the fused cut-out. The spot light has no built-in switching controls and will have 24 hour operation. A time switch or PE Cell may be fitted to switch the spot as required.
7. Plug the cable from the beacon into the output lead of the transformer. Coil any excess cable in the base compartment and tie up neatly.
8. On reconnection the Modustar should operate after a short delay.
9. More than one Modustar can be synchronised by powering all at the same time or by powering one beacon to match the others. The Modustars will then stay synchronised*.

*dependent upon mains quality

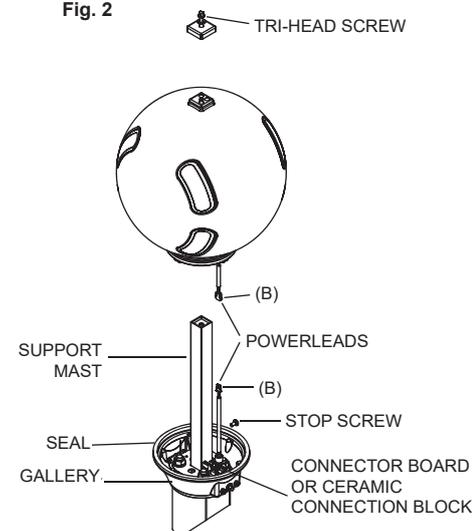


Fig. 1

UPGRADING MODUBEL to MODUSTAR

1. Start by removing the existing Modubel globe and lighting unit. To do this unscrew the Tri-Head screw at the top of the globe and lift off the globe.
2. Remove the single fixing screw securing the existing LED lighting unit to the mast and disconnect its power lead. Lift off the LED lighting unit.
3. The Modustar kit is supplied with a new longer two part power lead. Remove the old power lead and replace with the new one.
4. Ensure the stop screw is in place on the support mast (Fig2).
5. Lower the Modustar assembly over the support mast ensuring the LED arrays are facing the oncoming traffic.
6. Connect the power leads (B) and lower the beacon unit it hits the stop screw and locates into the square recess at the top of the globe, rotating slightly if necessary.
7. Secure the Modustar by tightening the Tri-Head screw until the beacon compresses the gallery seal.

Fig. 2



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

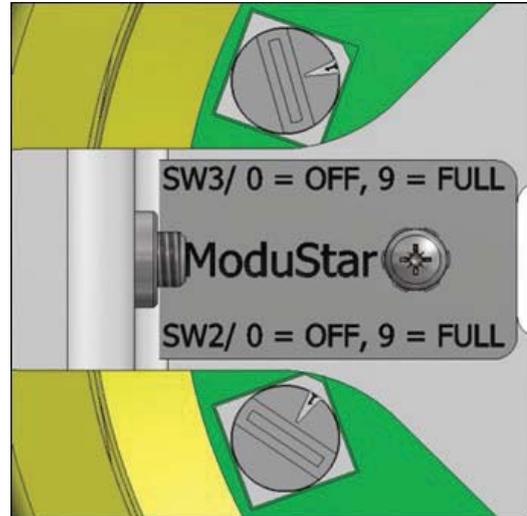
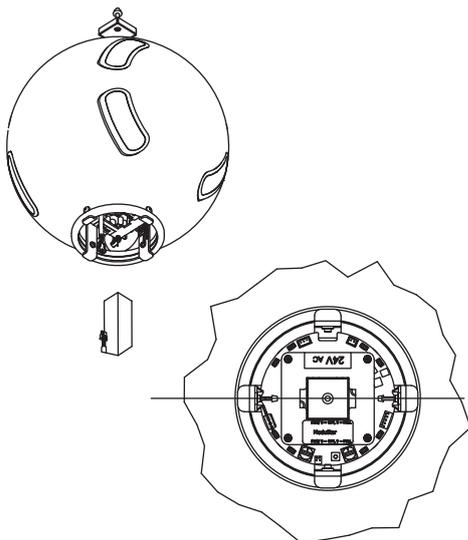
CHANGING THE LIGHT OUTPUT MODUSTAR

Undo the Tri-head screw at the top of the beacon until the beacon will lift up. Disconnect the power cable and lift the beacon off the stem. Note the position of the two rotary switches SW2 and SW3 which control the LED illumination units. Using a small terminal screwdriver turn each through the nine positions to achieve the light level desired. Note the levels can be set independently so for example one side can be switched off position 0, while the other side is set to 62% output position 5.

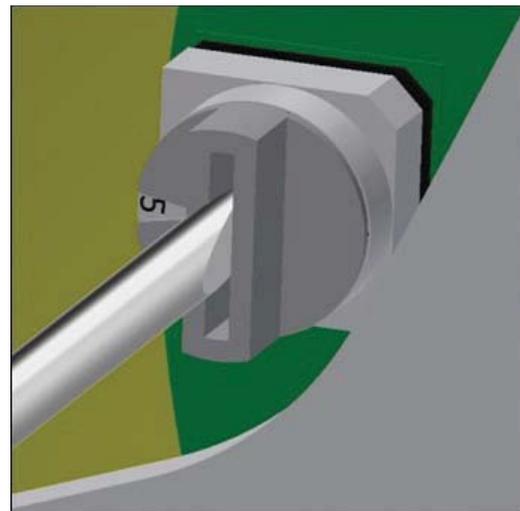
Switch position:

Level	0	81% day & OFF at night
Level	1	OFF day & night
Level	2	48%
Level	3	51%
Level	4	59%
Level	5	62%
Level	6	70%
Level	7	81% Factory Setting
Level	8	96%
Level	9	100%

Refit the beacon over the stem, connect the power lead and fix down with the Tri-head screw.



Switches at position 1



Example turned to position 5

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: IG125
Issue Date: January 2020
Issue Number: 2.1