

HAZTEC 3-3651 High-Profile LED Beacon

Available flash patterns

Note: To meet with R65 requirements, an R65 approved flash pattern must be selected

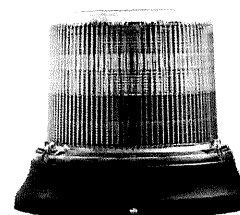
Programme	Pattern	Frequency	Notes	Approvals
1	Flashing	125 fpm	Quad	R65
2	Flashing	125 fpm	Double	R65
3	Flashing	125 fpm	Single	R65
4	Flashing	180 fpm	Quad	R65
5	Flashing	180 fpm	Single	R65
6	Flashing	75 fpm	Single	CAP168
7	Revolving	75 rpm	Single	
8	Revolving	125 rpm	Single	
9	Revolving	75 rpm	Quad	
10	Revolving	75 rpm	Double	
11	Revolving	125 rpm	Quad	
12	Revolving	125 rpm	Double	
13	Alternating	90 fpm	Quad	
14	Alternating	90 fpm	Double	
15	Alternating	90 fpm	Single	
16	Alternating	180 fpm	Quad	
17	Alternating	180 fpm	Double	
18	Alternating	180 fpm	Single	
19	Alternating	90 fpm	Quad	
20	Alternating	90 fpm	Double	
21	Alternating	90 fpm	Single	
22	Alternating	180 fpm	Quad	
23	Alternating	180 fpm	Double	
24	Alternating	180 fpm	Single	
25	Steady on	n/a		

Warning!

- This product must be installed by persons competent in vehicle electrical installations.
- Care should be taken to ensure that water ingress cannot occur through mounting or wiring holes.
- Regularly inspect the product to confirm correct operation.
- DO NOT stare directly into the light it produces as permanent damage to the eyes may result.
- Use only a mixture of soap and water to clean this product.
- DO NOT direct a high-pressure water jet at this product.
- DO NOT allow solvents; fuels; acetone-based cleaners etc. to come into contact with this product.

HAZTEC 3-3651 High-Profile LED Beacon

Thank you for purchasing this Haztec product. Before proceeding with installation, it is essential to read and understand this instruction booklet.



- High-profile LED beacon
- Fresnel lens
- Choice of lens colours
- Choice of LED colours for each level
- Three-point fixing or magnetic mounting
- User-selectable flash pattern
- Dim mode
- Cruise mode
- Synchronise capable
- R65 versions available

Basic operating specifications

Supply voltage range	10-30V DC
Maximum current draw per level @ 12.5V DC	2.2 A
Operating temperature range	-30°C to 55°C
Maximum road speed for magnetic mount beacons	124mph / 200km/h
ECE R65	Model specific

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Connection instructions: Single-level beacon

Wire	Connect to	Function
Black	Permanent negative [-]	Earth/Ground
Red	Positive [+] via switch and fuse	Main feed [note: cruise lamp operates]
Blue	Positive [+] via switch/fuse	Operates flash pattern
Green	Positive [+] via switch/fuse	Dim mode [50% intensity]
White	See 'Selecting flash patterns'	
Yellow	See 'Synchronising multiple lamps'	
Orange	See 'Synchronising multiple lamps'	

Selecting flash pattern

- Connect the lamp so that the flash pattern operates.
- Briefly tap the **white** wire to positive [+] for:
 - < 1 second to advance to next flash pattern
 - 1~3 seconds return to previous flash pattern
 - 3~5 seconds reset to program no. 25

Synchronising multiple lamps for simultaneous or alternating flash

- Set all lamps to the same flash pattern.
- Disconnect the power.
- Connect together the yellow wires from all lamps.
- Reconnect the power.
- Check for correct operation.
- Any lamp with the orange wire connected to [+] will flash alternately to those lamp/s with orange wire disconnected.

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Connection instructions: Dual-level beacon

Wire	Connect to	Function
Black	Permanent negative [-]	Earth/Ground
Red with black	Positive [+] via switch and fuse	Main feed upper level [note:cruise lamp operates]
Red with white	Positive [+] via switch and fuse	Main feed lower level [note:cruise lamp operates]
Violet	Positive [+] via switch and fuse	Operates flash pattern [both levels]
Green	Positive [+] via switch and fuse	Dim mode [50% intensity]
Blue	See 'Selecting flash patterns'	
Yellow	See 'Synchronising multiple lamps'	
Orange	See 'Synchronising multiple lamps'	
Brown	See 'Synchronising multiple lamps'	

Selecting flash pattern/s

- Select flash pattern on one level at a time.
- Operate the flash pattern of either the upper or lower level, as per connection instructions
- Briefly tap the **blue** wire to positive [+] for:
 - < 1 second to advance to next flash pattern
 - 1~3 seconds return to previous flash pattern
 - 3~5 seconds reset to pattern no. 25

Synchronising upper and lower levels within one beacon

- The default setting is the upper and lower levels are synchronised for a simultaneous flash
- To change to an alternating flash, connect either the brown or the orange wire to positive [+]

Synchronising multiple lamps for simultaneous flash

- Set all lamps to the same flash pattern.
- Disconnect the power.
- Connect together the yellow wires from all lamps.
- Reconnect the power.
- Check for correct operation.

Synchronising two or more lamps for alternating flash

Where upper and lower levels flash simultaneously

- Set all lamps to the same flash pattern.
- Disconnect the power.
- Connect together the yellow wires from all lamps.
- Connect the orange wire and the brown wire from one of the lamps to positive [+]
- Reconnect the power.
- Check for correct operation.

Where upper and lower levels flash alternately

- Set all lamps to the same flash pattern.
- Disconnect the power.
- Connect together the yellow wires from all lamps.
- Connect the orange wire from one of the lamp to positive [+]
- Connect the brown wire from the other lamp to positive [+]
- Reconnect the power supply to all units
- Check for correct operation.