

TECHNICAL DATA SHEET

The X194 Xenon beacons can be combined with a multi-tone audible warning device. The unit is suitable for direct wall mounting or via a conduit box and comes in two back box colours, Red or White. The combined unit is ideal for general signalling applications including Fire, Security and Process Control.

Part Code:	Voltage:	Light Source:	Current:
X194-02	24v Dc	Xenon 2.5J	180mA
X194-05	230v Ac	Xenon 5J	110mA
Sounder	24v Dc	-	42 mA*
Sounder	230v Ac	-	12 mA*

* Note: Sounder is supplied factory set to Tone 3, 800-970Hz (BS Fire tone) see separate leaflet. Current consumption varies on tone selection.

The beacon part codes above are the starting point and require suffixes to be added to finalise the product code, see examples below:

Back Box Selection

'RD' = Red back box beacons only

'RS' = Red back box and Red sounder

'WH' = White back box beacons only

'WS' = White back box and White sounder

Lens Colour Selection

01 = Amber, 02 = Red, 03 = Blue, 04 = Green, 05 = Clear.

Part Code Example:

X194-02RS-01 = 24v Red base beacon with sounder, beacon fitted with Amber lens.

X194-05WH-05-02 = 230v White base beacons fitted with one Clear & one Red Lens.

Key Features include:

Barrier strip accepts up to 2.5mm² and incorporates wire protectors. Note: No 'loop in' 'loop out' terminals are provided, for daisy chain applications the combined wire size must not exceed 2.5mm².

- Operating Voltages: 24v Dc (20-27.5) 230v Ac (180-240)
- Protection: Weatherproof to IP65.
- Material: VO rated ABS back box & UV Stable Polycarbonate lenses.
- Cable Entries: Beacon only stack 4 x M20 (1 top and bottom, 2 rear).
Beacon and Sounder stack 3 x M20 (1 top and bottom, 1 rear).
- Rating: Continuous
- Output: Beacon: Flash rate 1Hz (60 flashes per minute).
Sounder: Tone selectable (32 tones) Maximum output 112dB at 1 Metre (tone dependant) with volume control to give 10dB reduction on any set tone.



INSTALLATION & TECHNICAL INFORMATION

PLEASE READ PRIOR TO INSTALLATION



X194 Series - (Xenon/Strobe)

VISUAL AND AUDIBLE COMBINATION SIGNALLING DEVICES

APPROVALS AND
CONFORMITIES



Website: www.moflash.com

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INSTALLATION DATA SHEET

A barrier strip is located in the base of the beacon to allow for connection and control of the units. Carefully prise the lens from its back box to gain access.

Remove either the top or rear M20 conduit knockout to allow for incoming cabling access.

Fit a suitable cable gland (not supplied).

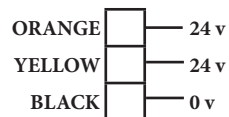
Remove the appropriate fixing hole knockouts in the base and using the sealing gasket provided fit onto the required surface using 4mm diameter fasteners (not supplied). The beacon(s) should always be mounted above the sounder, when fitted.

Internal connections to the barrier strip will vary depending on the units in the stack, lead colours are:

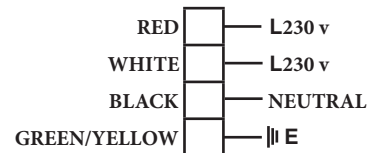
	DC unit	AC unit
Common	Black (-)	Black (N)
Earth		Green/Yellow
Sounder	(+)	Yellow (L)
Beacon Amber Lens	(+)	Orange (L)
Beacon Red Lens	(+)	Red (L)
Beacon Blue Lens	(+)	Blue (L)
Beacon Green Lens	(+)	Green (L)
Beacon Clear Lens	(+)	White (L)

Example – Internal connections to barrier strip - see code prefixes on back page.

eg: X194-02RS-01



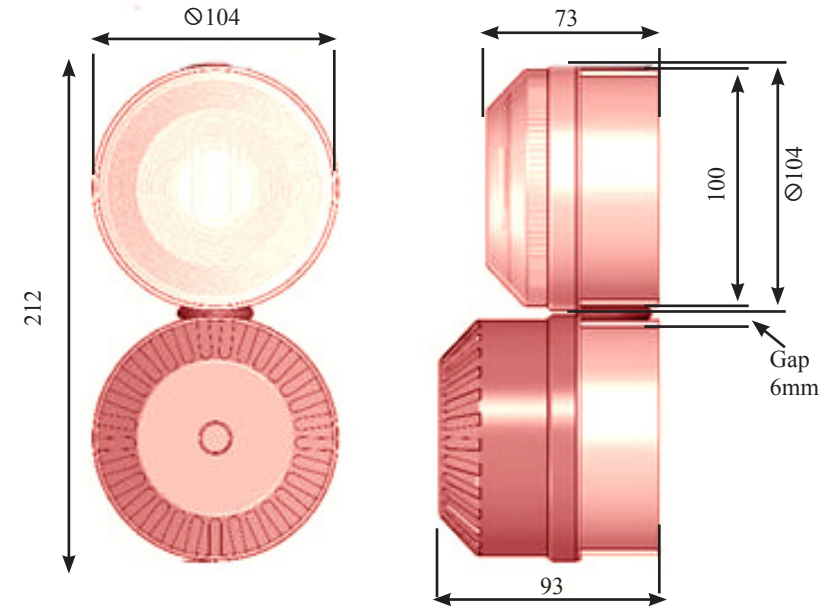
eg: X194-05WH-05-02



Ensure 'O' ring is located correctly on the base. Snap lens over back box spigot, ensuring lens screws align with holes in box, secure lens with 2 x No2 self-tapping screws (supplied).

- Installation must be carried out, in accordance with the latest codes and regulations, by a qualified electrician.
- Do not handle electronic components whilst wiring up.
- Avoid moist or wet environmental conditions when installing the unit.
- Ensure power to the unit has been turned Off for at least 5 minutes before attempting to remove the beacon lens.
- The lens material of the beacon(s) is polycarbonate plastic.
Do not clean with petroleum based cleaners.
- Avoid mounting the combined unit in areas where it is subject to excessive vibration.

VISUAL AND AUDIBLE SIGNALLING DEVICE



Mount in this alignment, using fixing Beacon Back Box only.

