

# MINELUX WARNING BEACONS

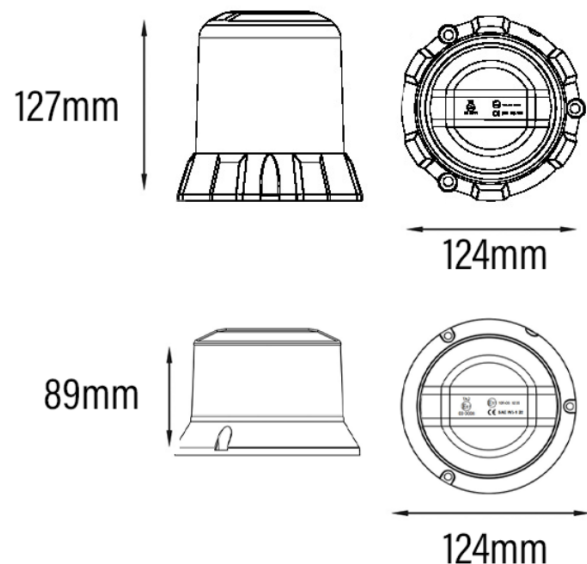


## SPECIFICATIONS

SKU	Housing Colour	Housing Height	Lens Colour	LED Colour	POWER	DIMENSIONS
B6MLBAH	Amber	High	Amber	Amber	96 WATT	127mm x 124mm
B6MLBBH	Blue	High	Blue	Blue	96 WATT	127mm x 124mm
B6MLBRH	Red	High	Red	Red	96 WATT	127mm x 124mm
B6MLBAM	Amber	Medium	Amber	Amber	72 WATT	89mm x 124mm

## SHARED SPECS

LED POWER	5W LED Chips
FLASH PATTERNS	12
HOUSING MATERIAL	Diecast Aluminum
LENS MATERIAL	GE Lexan Polycarbonate
MOUNTING	Surface Mount
OPERATING VOLTAGE	10-30V DC
LED LIFESPAN	30,000 hours
CISPR RATING	CISPR 25 Class 5
ECE Rating	ECE R65 Class 2
SAE Rating	SAE J845 Class 1



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## WIRING FOR MINELUX BEACONS

Wire Colour	Wire Function	Function Note
Red	Positive VDC	12-24VDC
Black	Negative Ground	
Yellow	Flash Pattern and SYNC	Short touch to positive VDC cycle to the next pattern. Touch for 5 seconds to return to the first pattern.
Green	Asynchronous	Amber

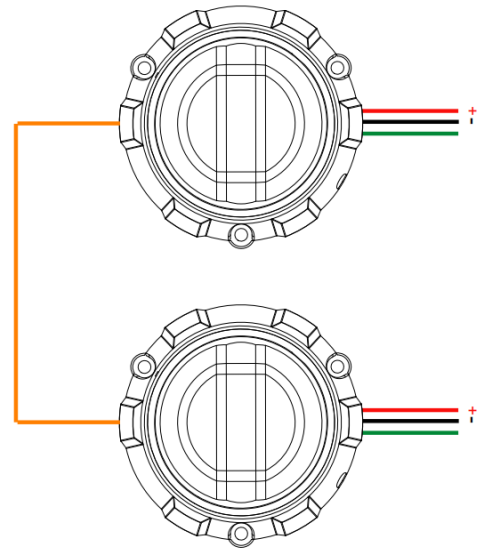
## MULTIPLE UNIT SYNCING

### Synchronized Flash Setting

1. Connect all the Yellow wires together and touch them to the positive terminal for 5 seconds. All the lights will reset to the first flash pattern and will flash in sync.
2. Briefly touch the Yellow wires to the positive terminal to move to the next flash pattern.

### Asynchronous Flash Setting

1. Connect all the Green wires of the light or lights you want to flash asynchronously to the positive terminal. These lights will now flash out of sync. For example, if you are using two units you would only connect the Green wire on one of the units.
2. To reset the asynchronous lights, follow the synchronized flash steps by connecting the Yellow wires as outlined above.



## SURFACE MOUNTING

1. Place the provided gasket in the desired installation location, then mark and drill the three screw mounting points along the outer edge.
2. If you prefer a hidden wire installation, mark and drill a 10mm or larger hole centred at the unit's location to feed the wires through.
3. Remove any debris left from the drilling.
4. Position the gasket in place.
5. For a hidden wire installation, feed the cable through the centre hole in both the gasket and the mounting surface.
6. Place the beacon unit on top of the gasket, ensuring the mounting holes on the housing align with the drilled holes.
7. Secure the unit using the provided mounting screws.
8. Connect the wires as indicated in the wiring table above.

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## FLASH PATTERNS

Flash Pattern Number	Flash Pattern	FPM (Flashes Per Minute)	MS (Milliseconds)
1	Single Flash (100% brightness)	150	400ms
2	Single Flash (50% brightness)	150	400ms
3	Double Flash (100% brightness)	150	400ms
4	Double Flash (50% brightness)	150	400ms
5	Slow Single Flash	75	800ms
6	Triple Flash	120	500ms
7	Quadruple Flash	120	500ms
8	Quintuple Flash	120	500ms
9	Rotation	125	480ms
10	Quintuple Flash (slow)	61	990ms
11	Strobe Flash	600	100ms
12	Cruise (30% brightness)		

1. **FPM** refers to the number of cycles per minute.
2. **MS** is the duration of each flash or cycle in milliseconds.

## FINAL NOTES

1. Only a qualified auto-electrician should install this product. Do **not** attempt installation if you are unsure.
2. Failure to use the specified installation parts or hardware will void the product warranty.
3. To ensure this product operates at optimum efficiency, a proper electrical connection to ground must be established.
4. Do **not** install or operate this safety product without first reading and fully understanding the safety information provided in this manual.
5. **IMPORTANT!** This unit is a safety device and should be connected to its own separate, fused power point to ensure it continues to operate in the event of failure of any other electrical accessory.