



ptitech
LED BEACON

EN



Instructions, Specification and Warranty Details

P/Nos. OPT-85660X, OPT-85662X, OPT-85664X,
OPT-85666X, OPT-85668X.



* X signifies the colours. e.g.
OPT-85660AG = Amber/Green

WARNING



Read carefully and understand all instructions before operating.

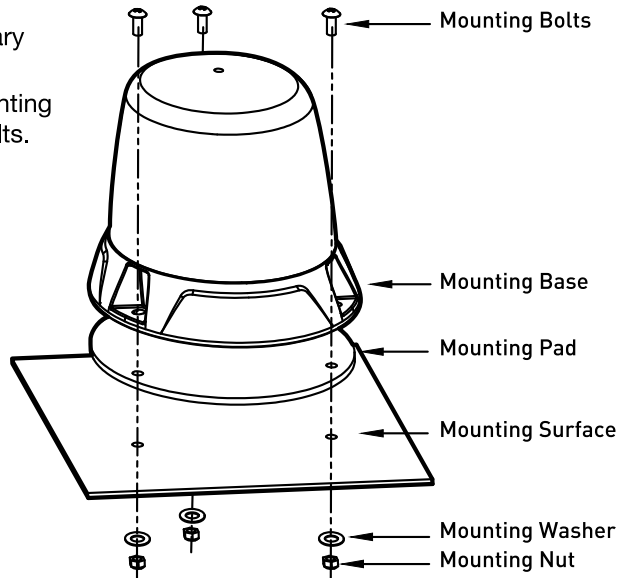
- It is not recommended to use magnetically mounted warning devices on the outside of a vehicle in motion. Usage is at the sole risk and responsibility of the user.
- Risk of electrical shock; do not use in an environment with gas, combustible or explosive materials, or hot objects.
- Do not open, repair or modify.
- Use only under the recommended voltage and frequency requirements.
- Do not look directly at the light, as this will result in dazzling.
- Minimum distance from lighted objects 0.1m.
- The specification in this manual is based on standard lab testing, different environments may influence the data.
- **California Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm. For more information, please visit www.P65Warnings.ca.gov

FEATURES

- True rotating beacon with the benefits of LED technology.
- 10-33V multi-volt DC input to suit most applications.
- Stepper motor for reliable and quiet operation (no gears).
- Heavy duty die cast aluminium base and virtually unbreakable polycarbonate lens.
- SAE and ECE approved.

INSTALLATION – FLANGE BASE

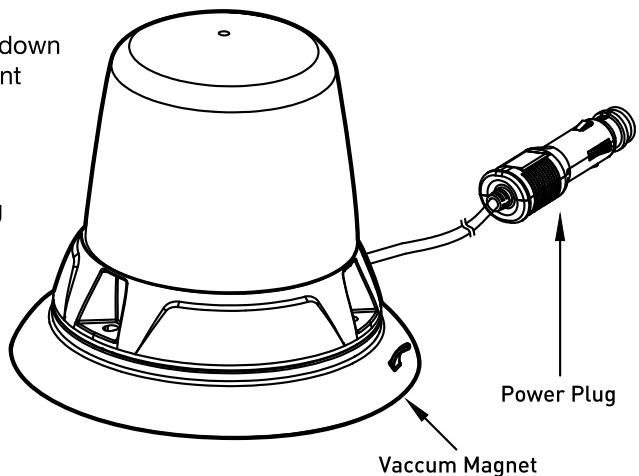
- 1 Mark wire access and mounting holes on the mounting surface by using the mounting pad.
- 2 Drill the mounting holes accordingly.
- 3 Drill the wire access holes, deburr and feed the wire through.
- 4 Make and test all necessary connection.
- 5 Secure beacon onto mounting surface with mounting bolts.



Note: Dual colour beacon should be wired through a changeover relay/switch, so either the red or yellow wire are powered – not both.

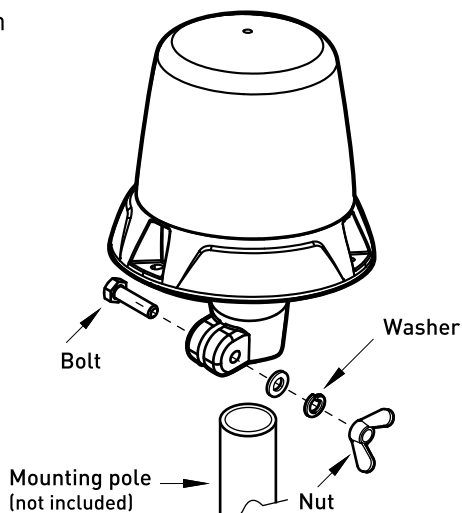
INSTALLATION – VACUUM MAGNETIC BASE

- 1 Position lamp on a suitable surface and push the lamp down to engage the vacuum mount
- 2 Insert cigarette plug in to a suitable socket
- 3 Operate the beacon via the switch on the cigarette plug
- 4 Do not exceed 120KM/H



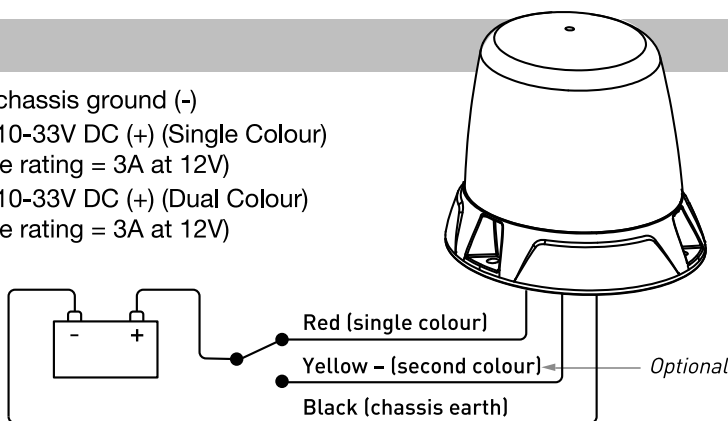
INSTALLATION – FIXED DIN AND FLEXIBLE DIN MOUNT

- 1 Position pipe mount connecting piece on a suitable surface and secure (Use part number P-85491 – sold separately)
- 2 Insert lamp into pipe mount connecting piece and secure by tightening the wing nut located on the lamp



WIRING

- BLACK** To chassis ground (-)
- RED** To 10-33V DC (+) (Single Colour)
(fuse rating = 3A at 12V)
- YELLOW** To 10-33V DC (+) (Dual Colour)
(fuse rating = 3A at 12V)



PARTS AVAILABLE

OPT-85690A	Optitech Lens Amber
OPT-85690C	Optitech Lens Clear
OPT-85690R	Optitech Lens Red
OPT-85690G	Optitech Lens Green
OPT-85690B	Optitech Lens Blue
OPT-85698	Mag Base T/S Optitech
OPT-85699	Fixed Din Base T/S Optitech
OPT-85699F	Flex Din Base T/S Optitech
OPT-85699SB	Single Bolt Base T/S Optitech
P-85491	Pole Mount Connector

TECHNICAL SPECIFICATIONS

LED	6 x 5W	Width	154mm / 6.06"
Housing Material	Aluminium Base	Height	139mm / 5.47"
Lens Material	Polycarbonate	Depth	154mm / 6.06"
Mounting	3-Bolt Flange	PCD	130mm / 5.12"
Operating Temp.	-22°F – 176°F (-30°C – + 80°C)	Shock/Vibration	ISO 16750-3, IEC 60068-2-64
Voltage	10–33V DC	Approvals	CE, ROHS, REACH
Wattage (W)	30W	IP Rating	IP-67
Amperage	1A @ 12V	ECE Ratings	ECE R65 TA1, ECE R10
Weight	0.33kg / 0.73lbs	EMC Approval	CISPR25 Class 3
		SAE Compliance	J845 Class 1, W3-1

WARRANTY TERMS & CONDITIONS:

1. Warranty items will be replaced or repaired to working condition and returned without cosmetic alterations.
2. A proof of purchase is required to validate all warranty claims. The warranty period is valid starting from the original date of purchase.
3. All products must have been purchased through a Vision X Authorized Dealer/Reseller to be eligible for warranty.
4. Damage resulting from any improper installation, accident, abuse, neglect or normal wear are not covered under warranty.
5. Any product used in mining applications is warranted for one year only.
6. Actions which void the warranty include:
 - a. Opening of the lighting fixture
 - b. Cutting any connectors or cords
 - c. Broken Glass
 - d. Damage caused by physical abuse
 - e. Lights operated in environments outside their stated specifications*
7. All customer warranties should be handled through the Dealer/Reseller the product was originally purchased from. The customer is responsible for delivery to the Vision X Returns in Auburn, Washington.
8. If a product is deemed not covered under warranty, customer will be responsible for the return shipping charges.
9. Items not covered under warranty can be repaired at the customer's expense for parts and labor, at the discretion of Vision X Lighting, who will provide an estimated repair cost before proceeding with the repair.

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For more info visit

www.visionxusa.com