

FRESNEL LED Beacon

Extreme Operating Conditions



Description

The FRESNEL range of LED beacons by Vignal Lighting Group offers a quality beacon that can be used in extreme operating conditions that is both cost-effective with flexible options. These amber coloured beacons all have R10 certification and features a double flash LED light patterns at 15 FPM. The fixture draws a low 3.5W from 24V DC for the D14449 and D14450 model, whilst the Off-road D14746 model with its flexible 10-110V multi-volt range, draws only 1.5W at 12V DC, 3.6W at 24V DC, and 12W at 80V DC.

Built with a tough polycarbonate lens and compound thermoplastic housing (D14449 and D14450 models), and paired with flexible mounting options including: magnetic with cigarette lighter option (D14450 model), 3 screws option (D14449 model and Off-road D14746 model), the FRESNEL range of LED beacons offer unparalleled flexibility for material handling and construction machinery.

FRESNEL LED OFF ROAD BEACON

The FRESNEL LED OFF ROAD (D14746 model) has been developed for the specific needs of off road applications such as handling machines, tractors, loaders, excavators. Special attention has been paid to the thermal management of LEDs to ensure optimum service life and operation in the most extreme situations. The lens is glued for a better seal (IP69K).

Applications

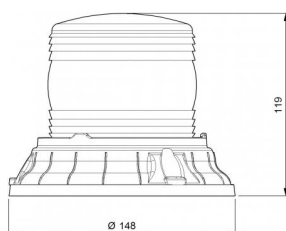
Utility Vehicles, Handling Machines, Tractors, Front-end Loaders, Excavators

Tech Specs

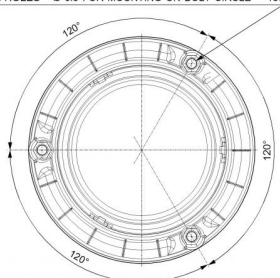
Bulb	LED
Colour	Amber
Consumption	3.5W @ 24V DC (D14449, D14450 models) 1.5W @ 12V DC, 3.6W @ 24V, 12W @ 80V DC (D14746 Offroad model)
Voltage	10-30V DC multivolt (D14449, D14450 models), 10-110V DC multivolt (D14746 Offroad model)
Flash Per Minute	15
Flash Patterns	Double Flash
Operating Temperature	-30°C to +50°C
Vibration Resistance	ISO16750-3 (D14746 Offroad model only)
EMC	ECE R10
Lens Material	Polycarbonate
Housing Material	Compound thermoplastic (D14449, D14450 models)
Connector	Naked cable extremity (200mm cable length), Wiring harness (D14746 Offroad model)
Mounting	3 screws (D14449, D14746 Offroad model), Magnetic with cigarette lighter (D14450)
IP Rating	IP69K (ISO 20653) for D14746 Offroad model only
Polarity	Protected against reverse voltage for D14746 Offroad model only
Lens	Hardened glass, plastic cover lens, plastic lens
Weight	0.97kg (D14449), 0.75kg (D14450), 0.26kg (D14746 Offroad model)
Dimensions	Diameter: 124mm, Height: 115mm (D14449) Diameter: 124mm, Height: 131mm (D14450) Diameter: 148mm, Height: 119mm (D14746 Offroad model)
Lifetime	> 20 000 hours for D14746 Offroad model only

Part No. Description

D14449	Amber, Double Flash, 3.5W, 10-30V DC multivolt, 3 screws mounting option
D14450	Amber, Double Flash, 3.5W, 10-30V DC multivolt, Magnetic with cigarette lighter option
D14746	Offroad Beacon, Amber, Double Flash, 1.5W @ 12V DC, 3.6W @ 24V, 12W @ 80V DC, 10-110V DC multivolt, 3 screws mounting option



N°3 HOLES Ø 6.5 FOR MOUNTING ON BOLT CIRCLE 130



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