Weldex 35W Heavy Duty Amber LED Beacon

WDBL-90R35W-BK | Amber | 175 x 132.8mm | 5 Patterns

Heavy duty 35W amber LED beacon with a cast metal cap and thick cast base in black. Supplied rotating, with four more patterns selectable on the mode wire. Moulded rubber gasket, bolt covers, and bolts supplied for both hole patterns.

SKU: WDBL-90R35W-BK **Certifications:** ECE R65, ECE R10, SAE J845



5	10-36V DC	0.4A to 2.9A	IP69K
SELECTABLE PATTERNS	VOLTAGE RANGE	DRAW AT 12V, BY PATTERN	INGRESS PROTECTION

SPECIFICATIONS

Power and Draw	35W maximum; 0.4A to 2.9A at 12V DC, varies with pattern
Light and Lens	Amber, 360-degree; impact-resistant polycarbonate lens, sealed (not replaceable)
Patterns	5: rotating (default), single flash, flash and short pulse, triple flash, quad flash
Voltage	10-36V DC
Mounting	Holes at 120 degrees. From the top: 3 x 6mm through holes on 150mm PCD, removable covers over the bolt recesses keep dirt off the bolt heads. From underneath: 6 x M4 tapped holes (3 on 107mm PCD, 3 on 130mm PCD). Moulded high-density rubber gasket (not a foam cut-out) helps cushion vibration
Hardware Supplied	3 x M5 x 20 sems bolts with 20mm washers and nylon nuts (top fixing); 3 x M4 x 13 sems bolts with 15.5mm washers (fixing from underneath)
Housing	Cast metal cap and thick cast base, black, multi-stage paint coating
Protection	IP69K, -40 to +60 degrees C operating range
Dimensions	175mm across base x 132.8mm height (130mm lens), 1163g with rubber gasket
Approvals	Listed in Weldex product data: ECE R65, ECE R10, CISPR 25 Class 5, SAE J845
Warranty	Manufacturer warranty, 3 years (Weldex), claims handled through UAGS

WIRING AND OPERATION

Installation by a competent installer. 600mm 3-core lead.
Female spade connectors on blue and brown, bare end on the mode wire.

Blue	DC input, positive (10-36V DC).
Brown	Ground. Connected to the metal base.
Green/yellow	Mode wire. Powered, connect to positive: it steps through patterns at about 1Hz, one flash each. Disconnect after flash 1 to 5 to select that pattern. Do not hold past flash 5 (LEDs stay off).

DEPLOYMENT

Suits mining vehicles and plant, traffic control vehicles, civil fleet vehicles, utility vehicles and council maintenance vehicles. Runs on 10-36V DC for 12V and 24V systems. Set the pattern before mounting; it is remembered at power-up, and reconnecting the mode wire restarts selection. Only pattern 1 (rotating) is approved for use in Europe. The negative is connected to the metal base, so switch the positive with a relay, not a negative-switched controller. Fits the UAGS 175mm Offset Beacon Mounting Bracket. Vehicle lighting requirements may vary by vehicle type, registration category and jurisdiction.

ORDERING	Available from UAGS (SKU WDBL-90R35W-BK); current pricing at uags.com.au. Trade accounts and bulk pricing available on request: (03) 8750 0926 or sales@uags.com.au.