Weldex 30W Amber LED Rotating Beacon

WDBL-91R30WR | Amber | 140 x 70mm | IP69K

Low-profile 30W amber LED rotating beacon, 140mm diameter and 70mm high, for height-restricted mounting positions. Single rotating pattern with no programming, heavy duty alloy base, moulded rubber gasket fitted and three M4 screws supplied.

SKU: WDBL-91R30WR **Certifications:** ECE R65, ECE R10, SAE J845 Class 1



140 x 70mm	10-36V DC	0.89A at 13.8V	IP69K
DIAMETER x HEIGHT	VOLTAGE RANGE	MEASURED DRAW, ROTATING	INGRESS PROTECTION

SPECIFICATIONS

Model	WDBL-91R30W (rotating version)
Power	30W model; 12.3W measured in rotating mode
Current Draw	0.89A at 13.81V (rotating mode, measured by UAGS)
Light Colour	Amber, 360-degree coverage
Lens	Impact-resistant polycarbonate, sealed (not replaceable)
Pattern	Single rotating pattern
LED Lifespan	50,000 hours
Voltage	10-36V DC
Mounting	Surface mount, fixed from underneath into tapped holes at 120 degrees: 3 x M4 on 107mm PCD or 3 x M5 on 130mm PCD; moulded high-density rubber gasket fitted (not a foam cut-out), helps cushion vibration
Hardware Supplied	3 x M4 x 12 sems machine screws (flat and spring washers fitted)
Housing	Heavy duty cast alloy base, multi-stage paint coating; polycarbonate lens forms the top
Ingress Protection	IP69K, 60G vibration rating, -40 to +80 degrees C operating range
Dimensions	140mm diameter x 70mm height
Weight	685g (beacon with rubber gasket)
Approvals	Listed in Weldex product data: ECE R65, ECE R10, SAE J845 Class 1, CISPR 25 Class 5, RoHS
Warranty	Manufacturer warranty, 3 years (Weldex), claims handled through UAGS

WIRING AND OPERATION

Installation by a competent installer. 600mm 2-core lead with female spade connectors fitted. No plug.

Red	Positive supply (10-36V DC).
Black	Negative (ground). Connected to the metal base.

DEPLOYMENT

Suits traffic control vehicles, civil fleet vehicles, utility vehicles, council maintenance vehicles and plant where a low profile is needed. Runs on 10-36V DC for 12V and 24V systems. The negative is connected to the metal base, so a negative-switched controller or arrow board output will not switch it off. Switch the positive supply with a relay instead. Fits the UAGS 175mm Offset Beacon Mounting Bracket. For selectable flash patterns and a heavier duty build, see the Weldex 35W beacon. Vehicle lighting requirements may vary by vehicle type, registration category and jurisdiction.

ORDERING Available from UAGS (SKU WDBL-91R30WR); current pricing at uags.com.au. Trade accounts and bulk pricing available on request: (03) 8750 0926 or sales@uags.com.au.