



DISTANCE REMAINING SIGN

Technical Information

LUMACURVE Size 4 Distance Remaining Signs are certified by ETL/Intertek as compliant with specifications listed in FAA Advisory Circular 150/5345-44.

CONSTRUCTION & DESIGN:

Sign sides, top & bottom are aluminum panels bolted together. Legs of 2" schedule 80 aluminum tube run up each side of the sign. Lamps are mounted on an aluminum channel across the center of the sign. Access doors located on each side of the sign allow re-lamping. A standard L-823 cord & plug exits through a mounting leg. Overall dimensions are 53" wide x 12" deep (at deepest part of curve) x 54" high (including 6" ground clearance). All parts have a durable low luster finish, inside white and outside flat black. Face panels are curved and 48" square; they consist of clear polycarbonate plastic painted black on the inside. A translucent retro-reflective material is applied to the inside of the panel. Face panels display white 40" numbers on a black background. For Barrier Engagement signs, face panels display a 39" diameter non-reflective yellow dot on a black background. A drawing of the sign structure is available upon request. Refer to Taxiway & Runway Signs Technical Information sheet for detail on Size 5 Distance Remaining signs.

LIGHTING SYSTEMS:

Lighting systems are available for FAA styles 2 (4.8A – 6.6A), 3 (2.8A – 6.6A) and 5 (constant 5.5A input) applications. Style 5 systems are available with 4W LED lamps. Style 2 systems are available 4W LED lamps. Style 3 systems are available with 4W LED lamps. LED systems use qty 6 lamps. Request separate literature sheets on each system for further details. (**approved under FAA AC 150/5345-44L)

FRANGIBILITY & MOUNTING:

Sign legs consist of standard 2" aluminum pipe couplings connected to frangible couplings made of schedule 160 aluminum tubing. Frangible couplings screw into floor flanges (feet) or a base plate. The frangible couplings are designed to break at a total force on the sign of approx. 5200 ft/lbs, or the equivalent of approx. 1.0 psi.

INSTALLATION:

See FAA Advisory Circular 150/5340-18 for guidance. FAA recommends that signs be installed 60 – 75 feet from the runway pavement edge (The 75 ft distance is best for airports with wide body jet traffic). See Runway Distance Marker Installation Instructions for mounting guidance and recommended pad dimensions.

PACKING & SHIPPING:

Signs are packed in heavy double walled corrugated cartons suitable for export shipment. Carton dimensions are 55" by 56" by 12". Each sign has a packed weight of approximately 157 lbs and a volume of 22 cu/ft.

LUMACURVE AIRFIELD SIGNS

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