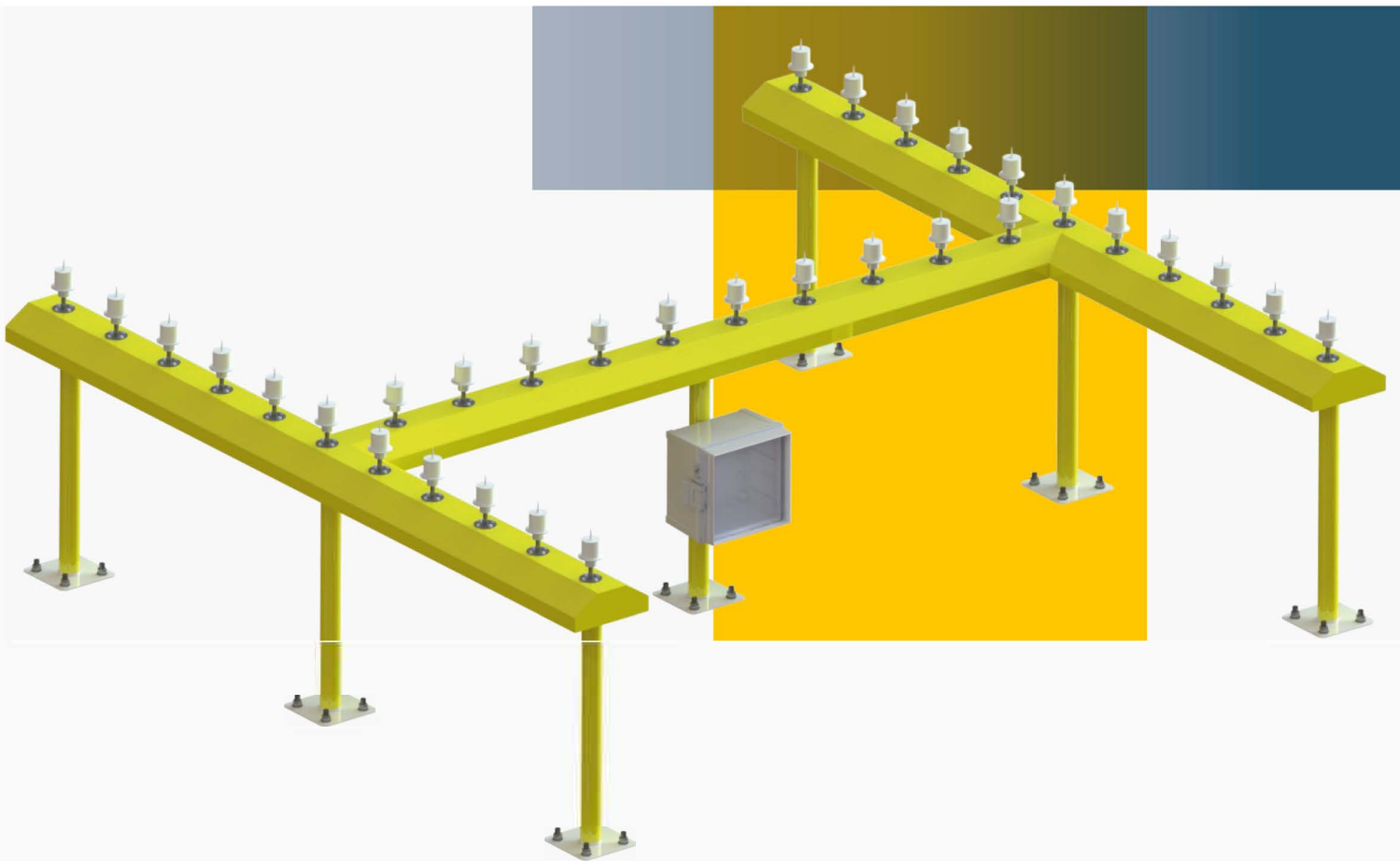


Model GEO-LDIH

FRANGIBLE LANDING DIRECTION INDICATOR LANDING (H)



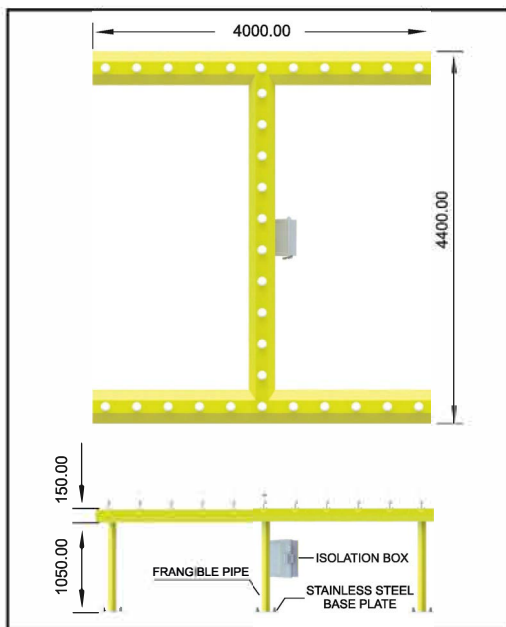
Airport Weather Observation System Towers and Landing Direction Indicator (Landing H) in Compliance for Full Impact Testing with ICAO guidelines Aerodrome Design Manual Part-6, chapter 5 and US Department of Transportation, FAA Advisory Circular No 150/5345-45C, April 2007

DATASHEET

Equipment: Frangible landing direction indicator (Landing H) conforming to ICAO Annex 14 volume I

Model No.: LDI -4000

Application & Specification: 'H' Indicator provided for day and night operation for signal showing the correct landing direction of runways. Its lights are arranged in rows to form the refer 'T' illuminated rows of the indicator



Body:	Frangible Pole structure with Aluminum structure for light mountings
Dimensions:	1200 mm light height, 4000 mm x 4400 mm
Body Colour:	Aviation Yellow, 2 part PU paint with UV protection.
Lights:	White LED lamps with mounting flanges, IP-66 dust & moisture proof
	Product Compliance : As per ICAO Aerodrome standards - aerodrome design & operators manual page 61 & 62 5.1.2.2 & 5.1.2.3
	Lamp life : 50,000 burning Hrs
	Number of Lights : 32
Isolation box Enclosure:	UV protected IP65 Enclosure, make FIBOX Germany
Control box Enclosure:	Rittal IP65 Nema 4 Enclosure with CMS & manual control, Feedback line provided for CMS control with power contactor, indicators and remote connection facility
Base Plate:	Stainless Steel base hinge plate; IS 316
Foundation bolts:	Set of foundation Bolts
Warranty:	2 years on complete System including lights Change in any colour warranted for 3 years



CERTIFICATION

Third party full crash test certificate as per compliance for full impact testing with ICAO guidelines Aerodrome design manual Part-6, chapter 5 and US department of transportation, FAA Advisory circular No 150/5345, April 2007

COMPLIANCE

- Compliance with FAA AC 150/5345-45C and Compliance with ICAO guidelines Aerodrome Design Material Part-6 Frangibility Doc 9157 First Edition – 2006 chapter 5.
- Wind load deflection test
- Salt Spray Test as per MIL-STD- 810F & ISO 9227: 2017
- Temperature Resistance Test -35°C to +55° C
- Flammability Test IS : 6746 - 1994
- Di-Electric Strength Test : ASTM D 149:2009.
- UV Resistance Test ASTM G 154 : 2016/IS-14887
- Tensile Strength Test : ASTM D638
- Flexural Strength Test : ASTM D790
- Flame Spread & Smoke develop Index test ASTM E84

Specifications/technical details included are subject to change without notice.