



LED Landing Direction Indicator Lamp [Landing T / H lamp]

Profile:

Since 2007 Ray Dynamics is one of the leading manufacturers of LED based Aviation Obstacle Lighting products as per ICAO norms an flight simulator trainer devices in LED lighting history RAY DYNAMICS products stands as a pioneer and is a part of our effort to constantly provide the Indian market with high quality products and services. Riding on this segment with esteemed customer support and geared up to spice the competition with its impulsive products. Having maintained a leading Image by leveraging high quality technology with its thorough understanding of the Indian market, Ray Dynamics is confident that its products will fascinate the users across India with agility, comfort and affordable price. This will provide impetus to Ray Dynamics aim to capitalize on the emerging opportunities in the Indian next generation industry and maintain its competitiveness across all market segments.

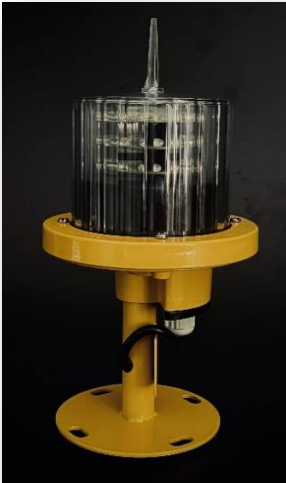
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LED Landing Direction Indicator (Landing T / H lamp)



*NOTE: Image is for purely illustrative purpose only.
Actual final product may vary in design and tech spec...*

Salient Features:

- LED based solid state technology
- Compliance as per ICAO Annex-14 / 5.1.2
- Degree of protection: IP66
- Long life time 50K hours LED life expectancy
- Wide operating voltage / Low power consumption
- Stabilized high efficacy WHITE LED's
- Lightweight and compact with integrated bird spike protection
- Low wind load factor
- Wide operating temperature
- Omnidirectional white light output
- Option: with or without base mount flange
- Lab Tested



Technical Specification: Landing Direction Indicator (Landing H/T Lamp) LTL-5W-UI

PHYSICAL CHARECTERESTICS	
Main Frame body	LM-6 Grade Aluminum alloy
Coating	PP grade powder coat YELLOW
Light engine lens / UV	Poly Carbonate UL94-V UV resistance
Lens design	Patented secondary optics design with bird spike
Hardware's	Stainless steel Grade 306
PCB's	Glass epoxy FR-IV grade UVLO94 flammability
Ingress Protection (IP)	IP-66 as per (CI 10 & 5 of IEC 60529)
Gaskets	Ozone resistant all weather anti cracking material
Fixing	¾ inch BSP threaded bottom Hub / Fixing ¾ feet pole with base round flange OPTIONAL
Product weight	1.5 Kgs appx (without fixing pole & flange)
Operating temperatures	-20 Deg C to +60 Deg C is:9000(Part 3/sec5):1977
OPTICAL & ELECTRICAL CHARECTERESTICS	
Light Engine	Hi efficiency water clear WHITE LED with steady light output
LED Life expectancy	50,000 burning hours *(under standard conditions)
Beam spread and Candela level	Omni directional 80 & 90 candela's
Compliance	In accordance with ICAO Annexure-14 Vol-I - 5.1.2 to 5.1.2.3 requirements
Photometric category	As per ICAO 5.1.2 to 5.1.2.3 requirements
Mains Input Voltage & operating band	230V AC 50/60Hz (90-260v AC)
Input Wattage	8.8 watts @ 230vAC50Hz
Power supply management	Fully solid state PWM based CV/CC architecture with wide universal input voltage acceptance
LED Circuit Redundancy	Series parallel with solid bus connect type
Cable entry and Glands	Weather proof PG13 Polyamide weather proof type
Day Night sensor	Optional
LAB TESTS (Ref Lab test certificate WO/NO/14568)	
Dry Test	IS:9000 (Part3/Sec5) 1977
Cold Test	IS:9000 (Part3/Sec4) 1977
Salt Mist Test	IS:9000 (Part XI) : 1983
Ingress Protection	IP-66 (IEC 60529)
Insulation Resistance at 500VDC	42.73 G Ohms
Di Electric Strength	1KV for 1Min between terminal & body
Patents & Trademarks	LENS & Wireless hardware are under patent and RAYDYNAMICS is registered trademark
Model Number / Make	LTL-5W-UI / Ray Dynamics
Country of origin / Manufacturing	INDIA
Note: All specifications/dimensions are subject to change due continual R&D efforts in manufacturing	



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