



Compliance with Standards

CAAC: MH/T 6008
 ICAO: DOC 9157, Part 5, Para. 3.2
 IEC: TS 61823
 FAA: AC 150/5345-47

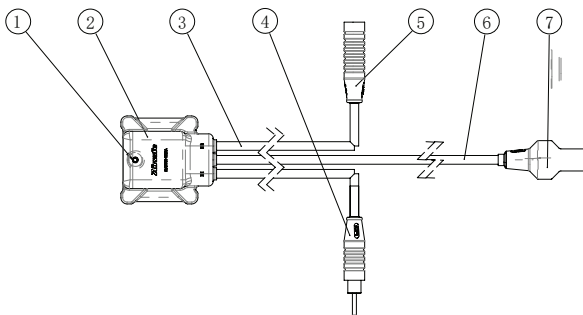
Application/Use

Airport runway, taxiway or apron
 2.8-6.6A constant current input circuit

Features

- All series of specifications, structure, electrical and other properties meet the requirements of FAA, ICAO and IEC;
- Use international standard plugs and sockets to meet the connecting requirements of FAA standard lamps;
- Made of special rubber and plastic materials, super anti-aging performance, corrosion resistance, kerosene resistance, urea resistance, to ensure long-term stability of high insulation and reliability;
- Use integral injection process to ensure the joint parts of the connector are firmly connected with the body;
- The internal frame is designed to ensure that the primary coil and the secondary coil are fully isolated;
- The use of high quality silicon steel sheet greatly guarantees the electrical performance of the product.
- 15KV high voltage resistance, hot insulation resistance greater than 7500 MEG, leakage current less than 2 A;
- The earthing resistance is less than 4 Ω. The grounding is reliable and high degree of safety;
- The working temperature is -55 °C to +65 °C, stable work performance;
- With earthing or non grounding type can be selected by users;
- Special socket / plug protector to ensure plug and socket are free from moisture and dust.

Structure

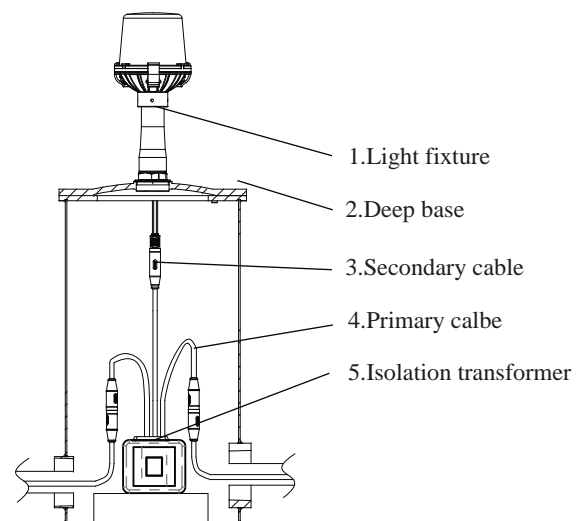


1. Ground Nut M5 (Earthing Type)
2. Isolation transformer body
3. Primary plug / socket cable
4. Style 2 Primary plug
5. Style 9 Primary socket
6. Secondary socket cable
7. Style 8 Secondary socket

Ordering Information

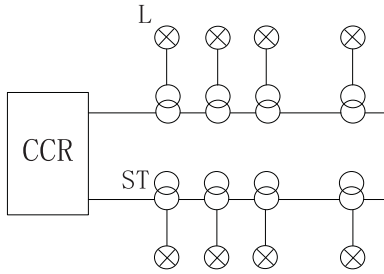
ITF-XXX-066/066-X	
Type	ITF = Isolation Transformer
Power	015 = 15W 025 = 25W 045 = 45W 050 = 50W 065 = 65W 100 = 100W 150 = 150W 200 = 200W 300 = 300W
Electric current	Input/Output = 6.6A/6.6A
Grounding	E = With Grounding N = Without Grounding

Installation



* Detailed installation information refer to the product instructions

Wiring diagram

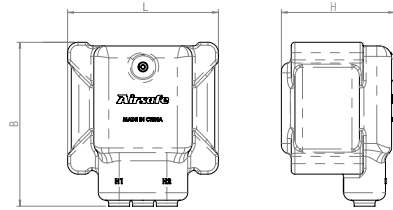


CCR: Constant Current Regulator

L: Light Fixtures

ST: Series connection isolation transformer

Packing Data



Type	B(mm)	L(mm)	H(mm)
15W	110	101.2	76
25W	110	101.2	85
45W	126.5	121	90.7
50W	126.5	121	90.7
65W	126.5	121	102.7
100W	134	130	100.7
150W	141.5	139	110.7
200W	157.5	158.2	111
300W	157.5	158.2	131

Accessories

Please refer to the below form for plugs and packages matching the isolation transformer.

Type	Order No.	Remarks
Secondary Calbe Plug (A4)	971733	Style 4 Combined Kit, Recommend to use *
Primary cable plug & plug kit (A3 A10)	971730	Style 3 Style 10 Combined Kit, Recommend to use *
Secondary Calbe Plug (A6)	70603	Style 6
Secondary Calbe Plug (A2)	70206	Style 2
Secondary Calbe Plug (A9)	70906	Style 9
ITF thermoplastics accessories kit	970001	Contain connector style 2 style 9 style 6 & installation accessories

Technical Data

FAA Specified number	Type (W)	Main Circuit current	Power factor	Power	Pressure resistance (V)	Full load current of secondary circuit (A)	Open circuit voltage of secondary circuit (V)
L-830/8 31- 16	10/15	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<8
L-830/8 31- 17	20/15	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<8
L-830/8 31- 1	30/15	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<25
N/A	50	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<25
L-830/8 31- 3	65	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<30
L-830/8 31- 4	100	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<70
L-830/8 31- 18	150	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<70
L-830/8 31- 6	200	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<100
L-830/8 31- 10	300	6.6 A	≥0.95	≥70	5000	6.53 - 6.67	<135