

FATOM-LED

LED Final Approach & Takeoff Light

Compliance with Standards

CAAC:AC-137-CA-2017-01-R1
 SAC: GB/T 7256
 ICAO: Annex 14, Volume II
 FAA: AC 150/5345-46 & EB NO.87

Application/Use

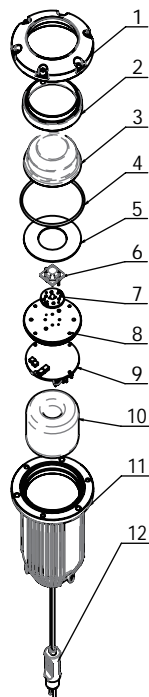
Final Approach & Takeoff Light of Heliport

Features

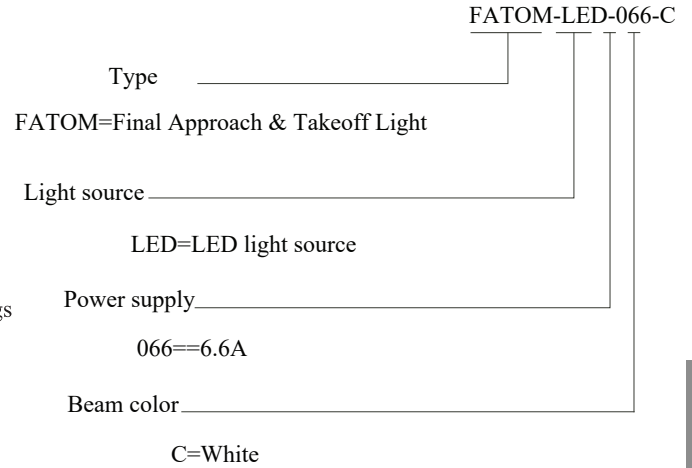
- Long working life LED, energy conversation, maintenance-free, which brings enormous economic benefits to customers;
- Special designed LED lens is adopted to greatly improve LED light efficiency;
- Patented prism structural design and manufacturing process to ensure excellent optical performance;
- Strict LED color management to ensure the consistency of light color;
- High reliability electronic components to match LED as long as possible;
- Bevel design of prism to prevent snow accumulation;
- Frangible parts are processed by high precision machine tools, T6 heat treatment to ensure stable performance;
- Main structure is made of corrosion-resistant aluminum alloy with electrostatic powder coating, all fasteners are made of stainless steel, suitable for harsh environment application;
- Consistent dimming curve to comply with FAA standard;
- The main body of the light fittings is designed with sealing, long service life, simple and safe maintenance.

Structure

- 1.Upper cover
- 2.Prism gasket sleeve
- 3.Prism
- 4.Light body gasket
- 5.Prism gasket
- 6.LED lamp assy lens
- 7.LED lamp assy
- 8.Prism pressing bracket
- 9.Driver
- 10.transformer
- 11.Light body
- 12.A6 Plug

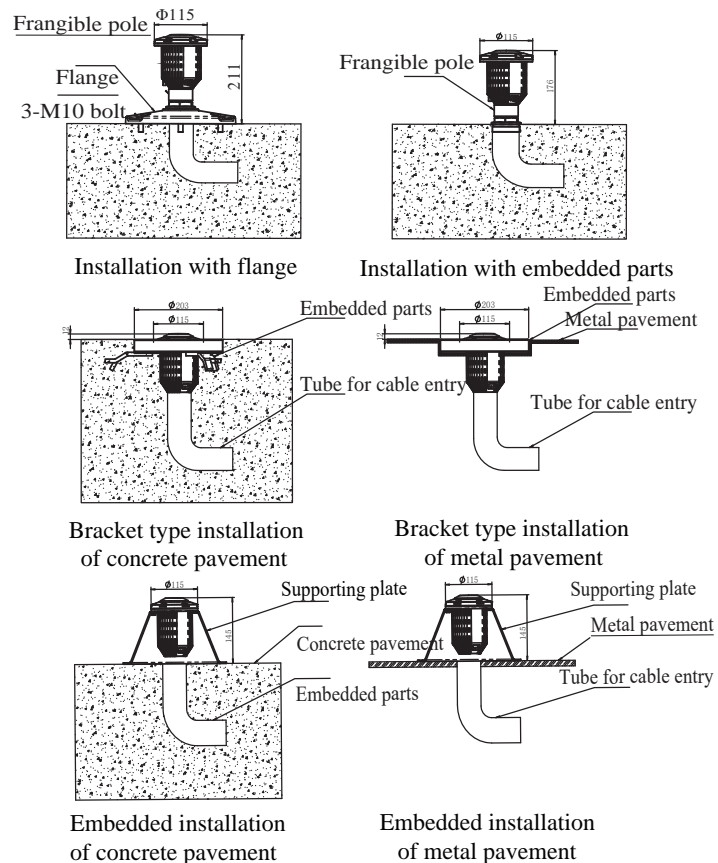


Ordering Information



* Please provide detailed installation info while ordering, spare parts and accessories should be separately ordered with specific order no.

Installation



* Please find detailed information in installation manual

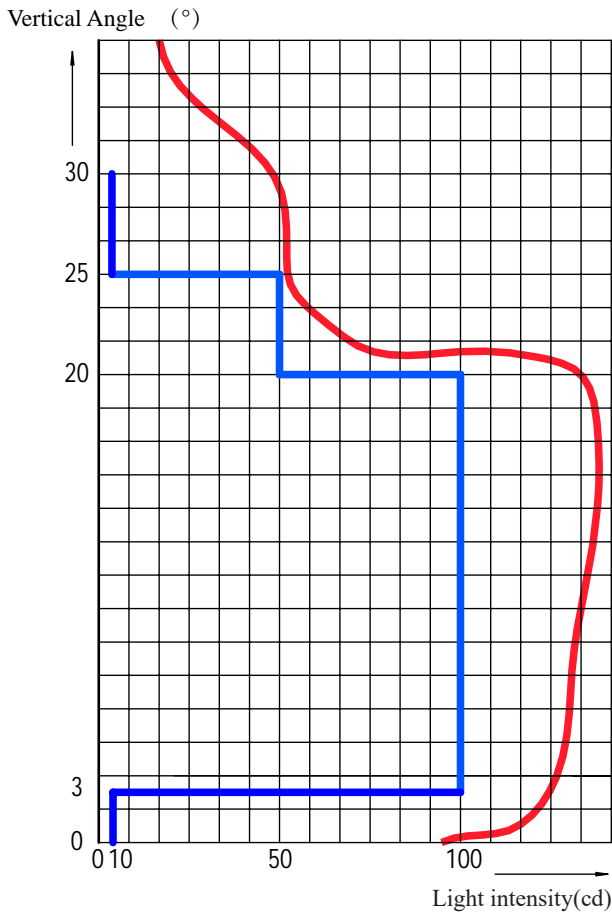
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Specifications

Light source: one White LED particle
 Power : 22 VA
 IP Grade: IP65

Photometric Data



LED Final Approach & Takeoff Light(white),
 AC-137-CA chapter 5.2.1.5
 (vertical coverage of main beam 0° - 30°)

Application		Main Bean		Color	Required Min.	Actual Min.
		H	V			
FATOM	AC-137-CA 5.2.1.5	360°	0°- 3°	white	10	145
		360°	3°-20°	white	100	162
		360°	20°-25°	white	50	73
		360°	25°-30°	white	10	56

Spare Parts

Struc No	Part Name	Order No	Description
2	Prism gasket sleeve	43115	LED omni- prism gasket sleeve
3	Prism	31113	Omni- prism (LED1-6°)
4	Light body gasket	41187	O-ring 85×2.65
5	Prism pressing gasket	43311	Prism gasket 81
7	LED lamp assy	79263	LED white
9	Driver	79133	6.6A
10	Transformer	ITF-025-066	25W
12	A6 plug	70602	M12

Accessories

No	Order No	Description
1	PLG6	A7 two core socket (assembly) - flat 1130
2	FL-10	Flange 240
3	54101	Hexagonal wrench for frangible pole of elevated lighting fixture
4	924231	Frangible Pole (HX)
5	4660X	Supporting plate 255X118
6	60905	Embedded parts 203

Packing Data

Packaging: 4pc/box
 Net weight: 1.3 KG/box
 Gross weight: 5.2 KG/box
 Volume: 300*255*380 mm³

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