



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
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ICAO I-Lux® LED
Taxiway and Runway Signs
CAT I / CAT II / CAT III

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

Compliance and Applications

Certified to meet ICAO Annex 14 standards.
Our I-Lux signs solidly and seamlessly integrate off-the-shelf parts and custom fabrication for strength and flexibility while minimizing operating costs.
Our LED signs consume up to 80% less power than signs using traditional lamps and up to 50% less power than other LED signs. With crisp, clean LED light and minimal bloom or ground splash, they are visually acquired more quickly and are much easier to read.

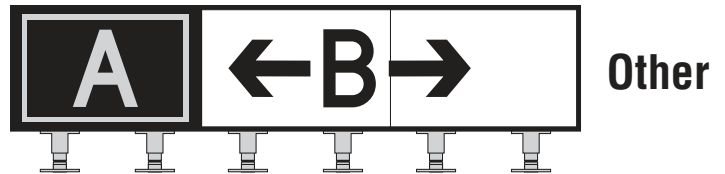
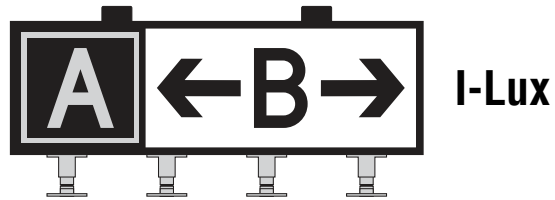
Features

- Solid, seamless construction for strength and reliable performance.
- Long-lasting, energy-efficient LEDs virtually eliminate ongoing maintenance.
- Lowest VA loads: Most efficient signs available.
- LEDs use 80% less power than traditional lamps.
- Crisp, clean light with minimal bloom or ground splash makes them easier to acquire and read.
- Quick, simple and less expensive to install.
- Bright, clear panels are highly impact resistant.

Construction

The platform for the I-Lux is a cabinet machined from solid, heavy gauge aluminum extrusion. Monolithic tops and bottoms are impervious to blowing rains, dirt, and snow because they are free of the gaps found in signs of modular construction. The I-Lux is inherently stronger than modular signs because it doesn't rely on the strength of the hardware used to piece modular signs together. The I-Lux is a smaller obstruction in the field than modular signs, presenting less inertial load on an aircraft should a collision occur. The seamless panels of the I-Lux display messages without distortion. They are free of the gaps and joints that weaken modular signs and allow penetration by wind, rain, dirt and snow. Bright and clear, I-Lux panels are up to 30 times more impact resistant than other brands.

Installations of our I-Lux virtually eliminate ongoing maintenance. The LED light engine provides remarkable reliability, eliminating the constant re-lamping required by traditional signs. You'll spend less time driving around the airfield, reducing opportunities for incursions, and gain valuable time for more important airfield maintenance tasks.



Sign Size and Legend Height

Sign Size	600mm	800mm
Legend Height	300mm	400mm
Mod 1.0 viewable length	915mm	1080mm

Visit our web site: www.flightlight.com



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Ordering Codes

Model	Sign Size	Lamp Type	Modules (length in mm)		Sign Faces	Optional Items
ICAO-I: ICAO ILUX	600: 600mm	H: LED Board	Size 600	Size 800	SF: Single Face	I: On/Off Switch (with cover)
	800: 800mm		1.0: 978	1143		P: View Port
			2.0: 1892	2225		S: LED Lamp Out Indicator
			3.0: 2807	3302		A: Alternate Leg Spacing
			4.0: 3721	4375		E: External Power Cord
						Y: Stepping Board
						Z: IP 54 Rating
						DC: DC Input
ICAO-I		H			SF	

L830 Requirements, VA Loads, Power Factors:

Power factors are measured on the primary of the corresponding L830 transformer. This takes into account the inherent deficiencies of the isolation transformer in the values. These ratings are subject to change without notice.

ICAO I-Lux 600mm CAT I / II / III Isolation Transformer Requirements, VA Loads, Power Factors

CCR	Modules	Isolation Transformer
	1.0	65W
5-Step	2.0	100W
2.8A -6.6A	3.0	200W
	4.0	500W

**These ratings are subject to change without notice.*

ICAO I-Lux 800mm CAT I / II / III Isolation Transformer Requirements, VA Loads, Power Factors

CCR	Modules	Isolation Transformer
	1.0	65W
5-Step	2.0	200W
2.8A -6.6A	3.0	500W
	4.0	2 x 500W ¹

**These ratings are subject to change without notice.*

¹ Use Y connector to add wattages of two L830s to achieve correct power

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