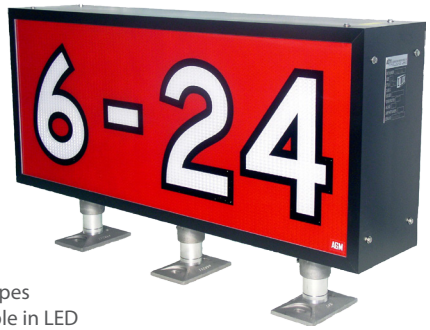
AirportLightingCompany

I-Lux Guidance Sign LED



All FAA Sizes, FAA Types
and FAA Styles are available in LED

Compliances (Current Editions)

FAA: AC 150/5345-44; Engineering Brief No. 67, ETL Certified

ICAO: Annex 14 Sixth Edition

Canada: TP312

Intertek

Key Features

- The average LED life is 100,000 hours high intensity / 180,000 hours under typical operating conditions.
- Easily replace traditional L-858 signs
- Solidly & seamlessly integrate off-the-shelf parts and custom fabrication for strength & flexibility while minimizing operating costs
- Platform for cabinet machined from solid, heavy-gauge aluminum construction
- Free of gaps and joints that weaken modular signs and allow penetration of wind, rain, dirt and snow
- Inherently stronger than modular signs because it doesn't rely on the strength of hardware used to piece modular signs together
- I-Lux is as short as possible because it is made per FAA lettering specifications & not artificially lengthened over seams and gaps
- AGM's I-Lux is the only airfield sign available in half module sizing
- Quick and economical installation, with smaller excavation, less concrete, and fewer legs to bolt to the pad
- Smaller obstruction in the field than modular signs, presenting less inertial load on aircrafts should a collision occur
- Seamless panels display messages without distortion
- Highly impact resistant, up to 30 times more than other brands
- No tools required for re-lamping
- Base model brightness controls use technology that has been proven for years in the field

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Specifications

General Catalog Numbers

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Size
1 = Size 1
2 = Size 2
3 = Size 3
4 = Size 4
5 = Size 5

Style
2 = Style 2 (4.8A-6.6A)
3 = Style 3 (2.8A-6.6A)
4 = Style 4 (unlighted)
5 = Style 5 (5.5A)

Light Option
H=LED Board
N=Unlighted

Modules
10 = 1.0 Module
15 = 1.5 Modules
20 = 2.0 Modules
25 = 2.5 Modules
30 = 3.0 Modules
35 = 3.5 Modules
40 = 4.0 Modules

Faces
S = Single Face
D = Double Face

Options
1 = On/Off Switch
3 = Mode 3
(If blank: Mode 2)
S = LED Light Out Indicator
P = View Port
E = External Power Cord*

**Not ETL Certified*

Example: I32H30.0SF-1 is a size 3 L-858 I -Lux sign in style 2, with an LED light option, 3.0 modules, single face, mode 2 with an on/off switch

I-Lux Size 4 (LED Board Light Option)

Style	L-830 Transformer	VA Load	Power Factor
2	65W	49	.94
3	65W	44	.94
5	65W	44	.94

Replacement Parts (LED Light Option)

Part Number	Description
C7-LVCV2	Low voltage power control module
I7-LEDV2	LED board with optics
C7-DRVR	LED driver module
C7-BRG	Bridge rectifier

Transformer Requirements: LED Board

Size	Style	Modules	L-830 Transformer	VA Load	Power Factor
1	2	1.0	65W	39	.93
1	2	1.5 & 2.0	65W	44	.93
1	2	2.5 & 3.0	65W	49	.94
1	2	3.5 & 4.0	65W	54	.94
2	2	1.0	65W	44	.93
2	2	1.5 & 2.0	65W	54	.94
2	2	2.5 & 3.0	65W	65	.94
2	2	3.5 & 4.0	100W	77	.93
3	2	1.0	65W	49	.94
3	2	1.5 & 2.0	65W	65	.94
3	2	2.5 & 3.0	100W	83	.93
3	2	3.5 & 4.0	100W	95	.93
5	2	1.0	65W	49	.94

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Specifications

Transformer Requirements: LED Board

Size	Style	Modules	L-830 Transformer	VA Load	Power Factor
1	3	1.0	65W	39	.93
1	3	1.5 & 2.0	65W	44	.93
1	3	2.5 & 3.0	65W	49	.94
1	3	3.5 & 4.0	65W	54	.94
2	3	1.0	65W	44	.93
2	3	1.5 & 2.0	65W	54	.94
2	3	2.5 & 3.0	100W	69	.93
2	3	3.5 & 4.0	200W	77	.92
3	3	1.0	65W	49	.94
3	3	1.5 & 2.0	100W	69	.93
3	3	2.5 & 3.0	200W	83	.92
3	3	3.5 & 4.0	200W	95	.92
5	3	1.0	65W	49	.94
1	5	1.0	65W	32	.94
1	5	1.5 & 2.0	65W	34	.94
1	5	2.5 & 3.0	65W	41	.94
1	5	3.5 & 4.0	65W	50	.93
2	5	1.0	65W	34	.94
2	5	1.5 & 2.0	65W	50	.94
2	5	2.5 & 3.0	65W	58	.93
2	5	3.5 & 4.0	100W	69	.93
3	5	1.0	65W	41	.94
3	5	1.5 & 2.0	65W	58	.93
3	5	2.5 & 3.0	100W	73	.93
3	5	3.5 & 4.0	100W	88	.92
5	5	1.0	65W	41	.94