

# L-858 D-LUX Guidance Signs

Certified to FAA AC 15/5345-44 (Current Edition)  
FAA Engineering Brief No. 67

*Exclusively from AGM, these LED guidance signs are bright, durable and energy efficient*



## Highlights

- Easily replace traditional L-858 signs
- Each module is mounted on an evenly spaced pair of legs
- Slip-flanges hold the legs secure with almost no gap in the assembly
- Environmental forces are shared by legs and cabinet, and not concentrated on hardware
- Each rounded face is made from expertly formed acrylic
- Size 1 & 2 signs available with optional Herculens panel (Herculens panels come factory installed on size 3 D-Lux signs)
- Legend panels are connected by translucent panel joints, which are welded together with adhesive and additionally reinforced with stainless steel hardware
- Every module features a top that is designed to easily guide the edge of the panels into place when it is replaced after re-lamping, and is fixed to the sign with 2 turn fasteners - no tools are required for re-lamping
- Base model brightness controls use technology that has been proven for years in the field
- Optional Style U power control system - a passive, non-inductive design that exhibits near-unity power factors on all regulator steps
- Available in energy-saving LED



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

## General Catalog Numbers

D-□-□-□-□-□F-□

**Size**

- 1=Size 1
- 2=Size 2
- 3=Size 3
- 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
- K=LED Array\*
- U=TapSwitch w/ T10 Lamp
- A=T10 Style 5
- N=Unlighted

\*Not ETL Certified

**Options**

- 1=On/Off Switch
- S=LED Light Out Indicator
- P=View Port
- E=External Power Cord\*

\*Not ETL certified

**Faces**

- S=Single Face
- D=Double Face

**Modules**

- 1=1 Module
- 2=2 Modules
- 3=3 Modules
- 4=4 Modules

Example: D-3-3-H-3-SF-1 is a size 3 L-858 D-Lux sign, in style 3 with an LED board light option, 3 modules, single face, with an on/off switch



The Herculens is the most durable sign panel on the market today. It comes factory installed in AGM's patented Size 3 D-Lux brand rounded signs. More than 50% thicker than other panels, it is CNC-machined and expertly formed for a solid fit. The Herculens is unyielding to jet blast, even when used without internal bracing or other cabinet modifications.

The use of Herculens panels to upgrade Size 1, 2 and 3 Lumacurve® signs has been approved for AIP funding.

## Transformer Requirements

LED Board					
Size	Style	Modules	L-830 Transformer	VA Load	Power Factor
1	2	1.0	65W	39	.93
1	2	2.0	65W	44	.93
1	2	3.0	65W	49	.94
1	2	4.0	65W	54	.94
2	2	1.0	65W	41	.93
2	2	2.0	65W	49	.94
2	2	3.0	65W	56	.94
2	2	4.0	65W	65	.94
3	2	1.0	65W	44	.93
3	2	2.0	65W	54	.94
3	2	3.0	65W	65	.94
3	2	4.0	100W	77	.93
5	2	1.0	65W	44	.93
1	2	1.0	65W	39	.93
1	2	2.0	65W	44	.93
1	2	3.0	65W	49	.94
1	2	4.0	65W	54	.94
2	2	1.0	65W	41	.93
2	2	2.0	65W	49	.94
2	2	3.0	100W	57	.94
2	2	4.0	100W	69	.94
3	2	1.0	65W	44	.93
3	2	2.0	65W	54	.94
3	2	3.0	100W	69	.94
3	2	4.0	200W	77	.93
5	2	1.0	65W	44	.93
1	2	1.0	65W	39	.93
1	2	2.0	65W	44	.93
1	2	3.0	65W	49	.94
1	2	4.0	65W	54	.94
2	2	1.0	65W	41	.93
2	2	2.0	65W	49	.94
2	2	3.0	65W	56	.94
2	2	4.0	65W	65	.94
3	2	1.0	65W	44	.93
3	2	2.0	65W	54	.94
3	2	3.0	100W	69	.94
3	2	4.0	200W	77	.93
5	2	1.0	65W	44	.93

T10 Tapswitch					
Size	Style	Modules	L-830 Transformer	VA Load	Power Factor
1	2	1.0	100W	73	1.0
1	2	2.0	100W	100	1.0
1	2	3.0	100W	128	1.0
1	2	4.0	200W	155	1.0
2	2	1.0	100W	100	1.0
2	2	2.0	200W	155	1.0
2	2	3.0	300W	210	1.0
2	2	4.0	300W	261	1.0
3	2	1.0	100W	128	1.0
3	2	2.0	300W	210	1.0
3	2	3.0	300W	273	1.0
3	2	4.0	500W	368	1.0
1	2	1.0	100W	73	1.0
1	2	2.0	200W	102	1.0
1	2	3.0	300W	129	1.0
1	2	4.0	300W	157	1.0
2	2	1.0	200W	102	1.0
2	2	2.0	300W	157	1.0
2	2	3.0	500W	210	1.0
2	2	4.0	600W	293	1.0
3	2	1.0	300W	129	1.0
3	2	2.0	500W	210	1.0
3	2	3.0	600W <sup>2</sup>	312	1.0
3	2	4.0	800W <sup>2</sup>	390	1.0

<sup>2</sup> Use Y connector to add wattages of two L830s to achieve correct power

## Replacement Parts

Light Option	Part Number	Description
LED	C7-LVCV2	Low voltage power control module
	C7-LEDV2	LED modules
	C7-DRVR	LED driver module
	C7-BRG	Bridge rectifier
T10	D7-T10L	T10P 45W lamp
	C7-24A	Tapswitch (Style U only)