# 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 if 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 nearunity power factors on all regulator steps
- Available in energy-saving LED



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

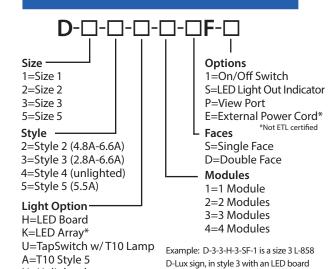
solid fit. The Herculens is unyielding to jet blast, even when used without internal bracing or other cabinet modifications.

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





### **General Catalog Numbers**



light option, 3 modules, single face, with

an on/off switch

N=Unlighted

\*Not ETL Certified

# **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	65W	65	.94
3	2	4.0	100W	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>&</sup>lt;sup>2</sup> Use Y connector to add wattages of two L830s to achieve correct power

### **Replacement Parts**

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