



Airport**Lighting**Company

D-LUX™ Guidance Signs LED



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

Compliances (Current Editions)

FAA: AC 150/5345-44 and Engineering Brief No. 67

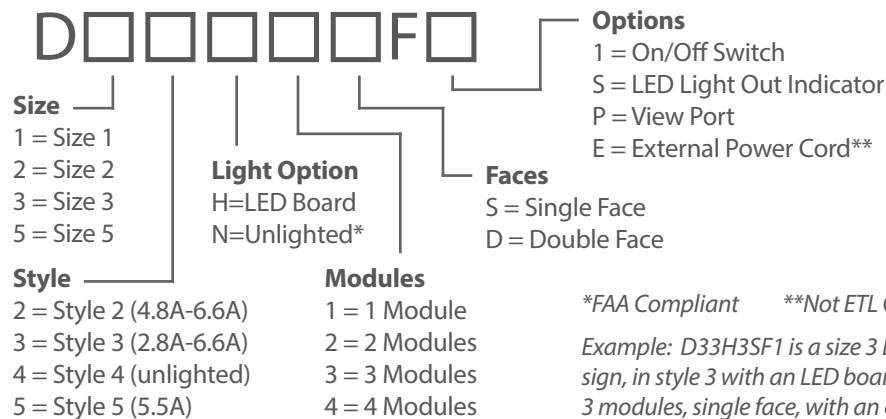


The Herculens is the most durable sign panel on the market today. It comes factory installed in ALC's patented Size 3 D-Lux brand rounded signs. More than 50% thicker than other panels, it is CNC-machined and expertly formed for a solid fit. The Herculens is unyielding to jet blast, even when used without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

Key Features

- Easily replace traditional L-858 signs
- Modules are mounted on 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
- 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

General Catalog Numbers





Specifications

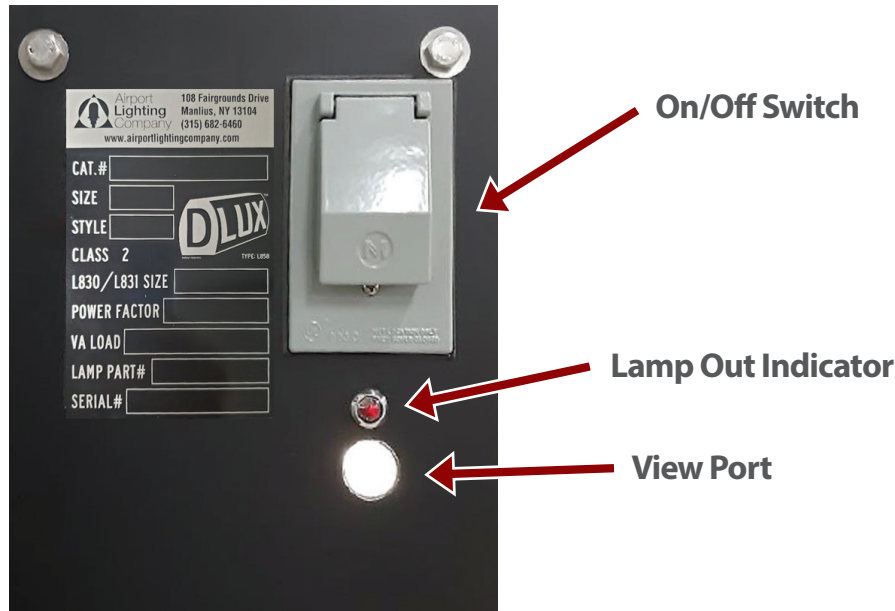
Transformer Requirements: LED Board

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	3	1.0	65W	39	.93
1	3	2.0	65W	44	.93
1	3	3.0	65W	49	.94
1	3	4.0	65W	54	.94
2	3	1.0	65W	41	.93
2	3	2.0	65W	49	.94
2	3	3.0	100W	57	.94
2	3	4.0	100W	69	.94
3	3	1.0	65W	44	.93
3	3	2.0	65W	54	.94
3	3	3.0	100W	69	.94
3	3	4.0	200W	77	.93
5	3	1.0	65W	44	.93
1	5	1.0	65W	39	.93
1	5	2.0	65W	44	.93
1	5	3.0	65W	49	.94
1	5	4.0	65W	54	.94
2	5	1.0	65W	41	.93
2	5	2.0	65W	49	.94
2	5	3.0	65W	56	.94
2	5	4.0	65W	65	.94
3	5	1.0	65W	44	.93
3	5	2.0	65W	54	.94
3	5	3.0	65W	65	.94
3	5	4.0	100W	77	.93
5	5	1.0	65W	44	.93

Replacement Parts (LED Light Option)

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

L-858 D-Lux & I-Lux Sign Options



(placement of devices may vary depending on Sign Type and Size)

On/Off Switch, Option 1 – Part Number D7-SWA, I7-SWA, I7-SWA-4

The Isolating Safety Switch allows the guidance sign power control and circuitry to be isolated from the airfield constant current regulator (CCR) circuit, providing a greater measure of safety when performing maintenance. This allows the rest of the airfield circuitry to remain illuminated to maintain necessary visual guidance to pilots. The isolating switch is a IP67 rated, 15A bat style toggle switch and includes a weatherproof cover that provides additional protection against mechanical damage. I7-SWA-4 will only be used on I-LUX Size 4 signs.

Lamp Out Indicator, Option S – Part Number C7-CBLOI

The Lamp Out Indicator is designed to aid maintenance staff in determining if a sign is not operating within specification. The C7-CBLOI will consist of a LED monitor circuit board and Indicator LED. C7-CBLOIH36 wire harness will be used in conjunction with the C7-CBLOI on D-LUX signs. Per the FAA Engineering Brief 67D, system must turn off upon 25% failure of LEDs. The Red Lamp Out Indicator will illuminate if the 25% has been exceeded and the sign is out. This will alert maintenance so that the LEDs within the sign can be addressed.

View Port, Option P – Part Number C8-WPLG

The View Port is designed to aid maintenance staff in detection that the sign is lit. This small transparent polycarbonate plug is placed on the end of the sign closest to the pavement so that you can easily see when passing by that sign that the lights are on.