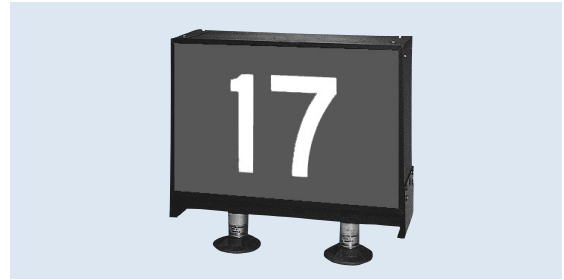


AGS-LED

Airside™ Guidance Sign

Compliances:

- FAA AC 150/5345-44: L-858
- Engineering Brief 67
- Unified Facilities Criteria UFC 3-535-01



Applications

Airside™ signs Model AGS-LED are designed for use on airport taxiways to mark taxi routes and intersections. Colors may be black on yellow, yellow on black, or white on red depending on the application as defined by the governing standard FAA AC 150/5345-44 and Engineering Brief 67. Black signs with white numerals are used to indicate distance remaining in thousands of feet of runway.

Features

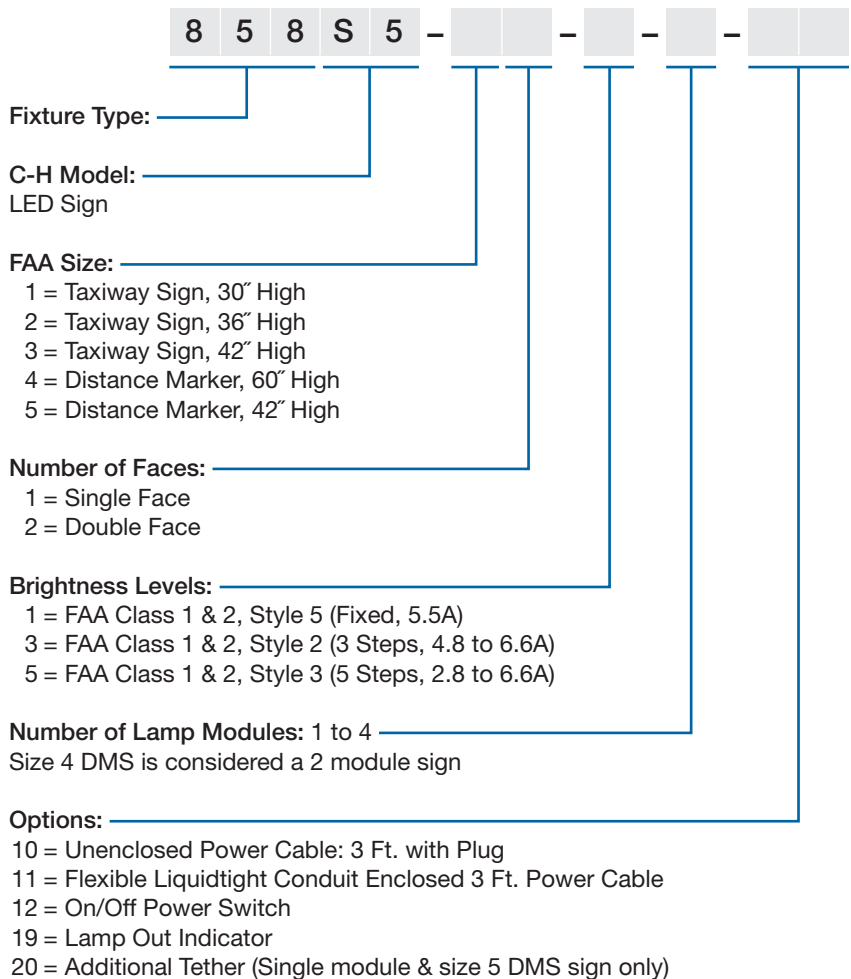


- ETL Pending
- Luxeon® LED
- Modular design with uniform leg spacing
- Only one externally mounted power supply
- Slip-in sign faces without sealants
- Frangible couplings may be pre-installed on pad and sign lowered onto them for easy installation
- Enclosed power entry through sign leg
- High strength aluminum extrusion housing mode 2 applications

Ordering Information

How to Order: To determine the number of modules to fit your message, contact Crouse-Hinds. For estimating purposes, use two characters per module. Do not count a 1 as a character except when the message contains an M or W. Maximum of four (4) modules per sign to comply with the FAA specification.

Order isolation transformer, transformer housing, coverplate and gasket or baseplate, and connector kit separately. The colors of the sign faces and the legends must be specified for each sign. Multiple messages and colors may appear on a sign face.



Technical Data

L858 LED Sign Load and Transformer Requirement

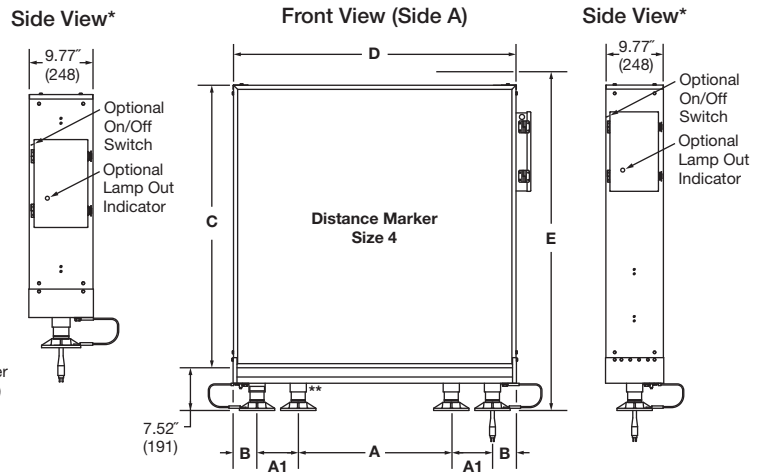
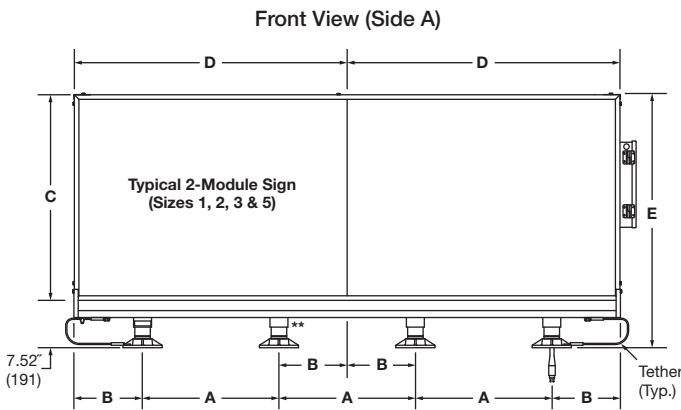
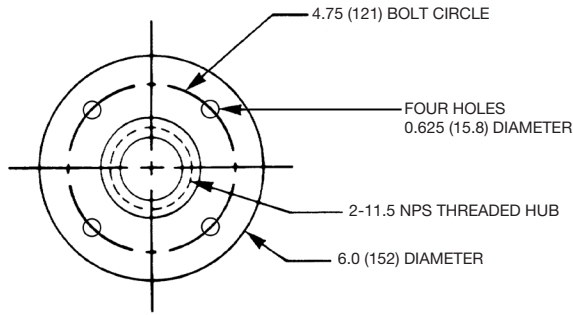
Style	Sign Size	Number of Modules	Power Factor (Primary Isolation Xfmr)	Isolation Transformer Type	
2	1	1	0.85	65W	
		2	0.88	65W	
		3	0.84	100W	
		4	0.87	100W	
	2	2	1	0.86	65W
			2	0.87	65W
			3	0.88	100W
			4	0.89	100W
	3	3	1	0.88	65W
			2	0.87	100W
			3	0.90	100W
			4	0.86	200W
	4	1	0.90	100W	
3	1	1	0.85	65W	
		2	0.88	65W	
		3	0.84	100W	
		4	0.87	100W	
	2	2	1	0.86	65W
			2	0.87	65W
			3	0.88	100W
			4	0.89	100W
	3	3	1	0.88	65W
			2	0.87	100W
			3	0.90	100W
			4	0.86	200W
	4	1	0.90	100W	
5	1	1	0.86	65W	
		2	0.88	65W	
		3	0.89	65W	
		4	0.91	65W	
	2	2	1	0.87	65W
			2	0.89	65W
			3	0.90	100W
			4	0.91	100W
	3	3	1	0.88	65W
			2	0.91	65W
			3	0.91	100W
			4	0.91	100W
	4	1	0.87	65W	

Note: Product information is subject to change without notice.



Dimensional Information

Floor Flange 25684-1



		Dimensions					
		A	A1	B	C	D	E
Size	1	14.60 (371)	—	7.30 (185)	22.13 (562)	29.20 (742)	26.76 (680)
	2	17.80 (452)	—	8.90 (226)	28.13 (715)	35.60 (904)	32.76 (832)
	3	20.90 (531)	—	11.40 (290)	34.13 (867)	43.69 (1110)	38.76 (985)
	4	26.00 (660)	7.00 (178)	4.00 (102)	50.63 (1286)	48.00 (1219)	55.26 (1404)
	5	20.90 (531)	—	11.40 (290)	34.13 (867)	43.69 (1110)	38.76 (985)

Dimensions: inches (mm)
 Instruction Manual: 1025

Sign Power Leg Orientation

When facing side A, the power entry is on the right. Orders should always specify the message orientation.

- * Typical for all signs.
- ** The sign includes floor flanges for all legs. Installation may vary: See the manual.

Shipping Weights and Volumes

		Modules							
		1		2		3		4	
		lbs. (kg.)	cu.ft. (cu.m.)	lbs. (kg.)	cu.ft. (cu.m.)	lbs. (kg.)	cu.ft. (cu.m.)	lbs. (kg.)	cu.ft. (cu.m.)
Size	1	65 (29.5)	5.7 (0.16)	130 (59.0)	11.4 (0.32)	195 (88.5)	17.1 (0.48)	260 (118)	22.8 (0.65)
	2	90 (40.8)	8.5 (0.24)	180 (81.6)	17.0 (0.48)	270 (122.5)	25.5 (0.72)	360 (163.3)	34.0 (0.96)
	3 & 5	115 (52.2)	11.3 (0.32)	230 (104.3)	22.6 (0.64)	345 (156.5)	34.0 (0.96)	460 (208.7)	45.3 (1.28)
	4	—	—	145 (65.8)	26.5 (0.75)	—	—	—	—

Accessories

Description	Part Number	Shipping Weight		Shipping Volume	
		Lbs.	Kg.	Cu.Ft.	Cu.M.
Base L-867, Class I, 24 inches deep	AC21242HX00301*	52.0	23.6	2.6	0.074
Base L-867, Class II (PLASTIC), 24 inches deep	900152*	16.0	7.3	2.6	0.074
Baseplate, 2 inch Hub	AP1932*	8.0	3.6	0.14	0.004
Consolidating Harness	26811-27				
Coverplate, 0.375 inches thick	AK100006	5.0	2.3	0.13	0.004
Gasket for Coverplate	10530287				
Isolation Transformer 65 watts, 6.6/6.6A	33003	15.0	6.8	0.7	0.019
Isolation Transformer 100 watts, 6.6/6.6A	33004	12.0	5.4	0.4	0.011
Isolation Transformer 100 watts, Style 5 (fixed brightness) 5.5/6.2A	33101	12.0	5.4	0.4	0.011
Isolation Transformer 200 watts, 6.6/6.6A	33006	16.0	7.3	0.4	0.011
Isolation Transformer 200 watts, Style 5 (fixed brightness) 5.5/6.2A	33102	16.0	7.3	0.4	0.011
Isolation Transformer 300 watts, (fixed brightness) 5.5/6.2A	33103	16.0	7.3	0.4	0.011
Isolation Transformer 300 watts, 6.6/6.6A	33010	23.0	10.4	0.6	0.017
Primary L-823 Connector Kit	823KP-D4-D4				
Secondary Cable Assembly, 2 meters	CAS1M-PR-B-2**				

* If the power leg is baseplate mounted directly on a base, only the AC21242HX00301 may be used with no gasket for the baseplate AP1932 to insure equal breakaway with the other legs. The base must be installed per the instruction manual, approximately 3/8 inch high with the lower edge of the base top flange level with the concrete. If the sign power leg is elbow mounted, base 900152 has conduit entries in the required positions.

** Other lengths available. The sign includes cable clamp 25003 and two 40762 retainers.

Renewal Parts

Part Number	Description	Part Number	Description
Blank Panel	60668*	Frangible Coupling: Size 4	62245-4
Bridge Rectifier	10047-3021	Frangible Coupling: Size 5	62245-3
Filter PCB	62279	Heatsink/LED Assembly	62288
Floor Flange	25684-1	Power Supply PCB	62277
Frangible Coupling: Size 1	62245-1	Sign Face, Retroreflective with Legend	62290-X*
Frangible Coupling: Size 2	62245-2	Tether	60728-1
Frangible Coupling: Size 3	62245-3		

* Dash number required for size and number of modules (contact factory). Add description of color and legend.

