



Manufacturer of the First FAA Sign In 1955

VA Loading & Power Factors

Certified to current FAA Advisory Circular 150/5345-44

Specification for Runway and Taxiway Signs

View our Certificate of Conformance

Sign Size & Module Length Lamps		LED Lighting Systems									
		FAA Style 2 (4.8A-6.6A) 4W LED			FAA Style 3 (2.8A-6.6A) 4W LED			FAA Style 5 (5.5A) 4W LED			
		Isol Xfmr	Max VA	Pwr Factr	Isol Xfmr	Max VA	Pwr Factr	Isol Xfmr	Max VA	Pwr Factr	
Size 1, 1-mod	2	45W	47	0.93	45W	47	0.93	45W	37	0.94	
	2-mod	4	100W	59	0.88	100W	58	0.88	100W	47	0.91
	3-mod	6	100W	66	0.90	100W	66	0.90	100W	54	0.93
	4-mod	8	100W	73	0.92	100W	72	0.92	100W	61	0.94
Size 2, 1-mod	3	100W	57	0.87	100W	56	0.87	100W	44	0.89	
	2-mod	6	100W	66	0.90	100W	66	0.90	100W	54	0.93
	3-mod	9	100W	76	0.92	100W	76	0.92	100W	64	0.94
	4-mod	12	100W	86	0.94	100W	86	0.94	100W	75	0.96
Size 3, 1-mod	3	100W	57	0.87	100W	56	0.87	100W	44	0.89	
	2-mod	6	100W	66	0.90	100W	66	0.90	100W	54	0.93
	3-mod	9	100W	76	0.92	100W	76	0.92	100W	64	0.94
	4-mod	12	100W	86	0.94	100W	86	0.94	100W	75	0.96
Size 5, 1-mod	3	100W	57	0.87	100W	56	0.87	100W	44	0.89	
Size 4, 1-mod	6	100W	66	0.90	100W	66	0.90	100W	54	0.93	

Sign Size & Module Length Lamps		XTL Lighting Systems						
		FAA Style 2 (4.8A-6.6A) XTL 20W Quartz			FAA Style 3 (2.8A-6.6A) XTL 20W Quartz			
		Isol Xfmr	Max VA	Pwr Factr	Isol Xfmr	Max VA	Pwr Factr	
Size 1, 1-mod	1	100W	71	0.89	100W	71	0.89	
	2-mod	2	100W	79	0.93	200W	78	0.92
	3-mod	3	200W	102	0.93	300W	107	0.91
	4-mod	4	200W	127	0.93	300W	131	0.92
Size 2, 1-mod	2	100W	79	0.93	200W	78	0.92	
	2-mod	4	200W	127	0.93	300W	131	0.92
	3-mod	6	300W	167	0.93	500W	174	0.92
	4-mod	8	300W	214	0.94	600W**	222	0.93
Size 3, 1-mod	2	100W	79	0.93	200W	78	0.92	
	2-mod	4	200W	127	0.93	300W	131	0.92
	3-mod	6	300W	167	0.93	500W	174	0.92
	4-mod	8	300W	214	0.94	600W**	222	0.93
Size 5, 1-mod	2	100W	79	0.93	200W	78	0.92	
Size 4, 1-mod	4	200W	127	0.93	300W	131	0.92	

* For less than ideal circuits, we recommend an upsized transformer to ensure adequate power to the sign.

**A Siamese pigtail with two male L-823 plugs and one tennis ball female receptacle is supplied with these signs for connection to two isolation transformers making the required wattage sum.

Standard Signs, Inc.

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Sign Size & Module Length Lamps		Traditional Lighting Systems, Style 5						
		FAA Style 5 (Constant 5.5A) 45W/T10P			FAA Style 5 (Constant 5.5A) 45W EXM Qtz			
		Isol Xfmr	Max VA	Pwr Factr	Isol Xfmr	Max VA	Pwr Factr	
Size 1, 1-mod	1	45W	33	0.99	45W	39	0.99	
	2-mod	2	100W	65	0.99	100W	71	0.99
	3-mod	3	100W	93	0.99	100W	101	0.99
	4-mod	4	200W	127	0.99	200W	141	0.99
Size 2, 1-mod	2	100W	65	0.99	100W	71	0.99	
	2-mod	4	200W	127	0.99	200W	141	0.99
	3-mod	6	200W	181	0.98	200W	192	0.98
	4-mod	8	300W	236	1.00	300W	261	1.00
Size 3, 1-mod	2	100W	65	0.99	100W	71	0.99	
	2-mod	4	200W	127	0.99	200W	141	0.99
	3-mod	6	200W	181	0.98	200W	192	0.98
	4-mod	8	300W	236	1.00	300W	261	1.00
Size 5, 1-mod	2	100W	65	0.99	100W	71	0.99	
Size 4, 1-mod	4	200W	127	0.99	200W	141	0.99	

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