

AGM Sign VA Loads, Power Factor & Required L830

AGM D-Lux LED VA Loads					
Sign Size	Style	Sign No. of Modules	L830 Transformer	Power Factor	Volt Amp - VA Load
1	2,3 &5	1	45	1.0	30
1	2,3&5	2	65	1.0	60
1	2,3&5	3	65	1.0	70
1	2,3&5	4	100	1.0	80
2	2,3&5	1	65	1.0	60
2	2,3&5	2	100	1.0	70
2	2,3&5	3	100	1.0	100
2	2,3&5	4	200	1.0	120
3	2,3&5	1	65	1.0	60
3	2,3&5	2	100	1.0	70
3	2,3&5	3	100	1.0	100
3	2,3&5	4	200	1.0	120
4*	2,3&5	1	65	1.0	60

*Size 4 is I-Lux Series Design

D-Lux T-10 (Style 2 LPF)					
Sign Size	Style	Sign No. of Modules	L830 Transformer	Power Factor	Volt Amp - VA Load
1	2	1	45	0.78	63
1	2	2	100	0.65	167
1	2	3	200	0.66	196
1	2	4	200	0.70	219
2	2	1	100	0.65	167
2	2	2	200	0.70	219
2	2	3	300	0.75	387
2	2	4	300	0.66	554
3	2	1	200	0.66	196
3	2	2	300	0.85	333
3	2	3	500	0.72	623
3	2	4	500	0.65	840

These ratings are subject to improvement without notice.

AGM D-Lux T-10 & Tapswitch					
Sign Size	Style	Sign No. of Modules	L830 Transformer	Power Factor	Volt Amp - VA Load
1	2	1	100	1.0	60
1	2	2	100	1.0	87
1	2	3	100	1.0	112
1	2	4	200	1.0	148
2	2	1	100	1.0	87
2	2	2	200	1.0	148
2	2	3	300	1.0	195
2	2	4	300	1.0	243
3	2	1	100	1.0	112
3	2	2	300	1.0	195
3	2	3	300	1.0	275
3	2	4	500	1.0	370

1	3	1	100	1.0	65
1	3	2	200	1.0	95
1	3	3	300	1.0	117
1	3	4	300	1.0	152
2	3	1	200	1.0	95
2	3	2	300	1.0	152
2	3	3	500	1.0	210
2	3	4	600	1.0	249
3	3	1	300	1.0	117
3	3	2	500	1.0	210
3	3	3	600	1.0	280
3	3	4	800	1.0	370

D-Lux T-10 Style 5					
Sign Size	Style	Sign No. of Modules	L830 Transformer	Power Factor	Volt Amp - VA Load
1	5	1	45	1.0	35
1	5	2	100	1.0	65
1	5	3	200	1.0	95
1	5	4	200	1.0	122
2	5	1	100	1.0	65
2	5	2	200	1.0	122
2	5	3	300	1.0	166
2	5	4	300	1.0	219
3	5	1	200	1.0	95
3	5	2	300	1.0	166
3	5	3	500	1.0	249
3	5	4	500	1.0	328

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AGM I-Lux MR16 & Tapswitch

Sign Size	Style	Sign No. of Modules	L830 Transformer	Power Factor	Volt Amp - VA Load
ALL	2	1	100	1.0	75
ALL	2	1.5	200	1.0	117
ALL	2	2	200	1.0	117
ALL	2	2.5	300	1.0	160
ALL	2	3	300	1.0	160
ALL	2	3.5	500	1.0	225
ALL	2	4	500	1.0	225
ALL	3	1	100	1.0	75
ALL	3	1.5	300	1.0	125
ALL	3	2	300	1.0	125
ALL	3	2.5	500	1.0	170
ALL	3	3	500	1.0	170
ALL	3	3.5	500	1.0	225
ALL	3	4	500	1.0	225

AGM I-Lux MR16 w/ Coil & Shunt

Sign Size	Style	Sign No. of Modules	L830 Transformer	Power Factor	Volt Amp - VA Load
ALL	2	1	100	0.83	78
ALL	2	1.5	100	0.83	144
ALL	2	2	100	0.83	144
ALL	2	2.5	200	0.80	212
ALL	2	3	200	0.80	212
ALL	2	3.5	300	0.76	280
ALL	2	4	300	0.76	280
ALL	3	1	100	0.53	145
ALL	3	1.5	300	0.50	260
ALL	3	2	300	0.50	260
ALL	3	2.5	300	0.48	385
ALL	3	3	300	0.48	385
ALL	3	3.5	500	0.40	585
ALL	3	4	500	0.40	585

AGM I-Lux MR16 Style 5

Sign Size	Style	Sign No. of Modules	L830 Transformer	Power Factor	Volt Amp - VA Load
ALL	5	1	45	1.0	68
ALL	5	1.5	100	1.0	117
ALL	5	2	100	1.0	117
ALL	5	2.5	200	1.0	161
ALL	5	3	200	1.0	161
ALL	5	3.5	300	1.0	211
ALL	5	4	300	1.0	211

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