



# MEDMASTER ENVELA®

## ME SERIES – TUNABLE WHITE LED

### PERFORMANCE

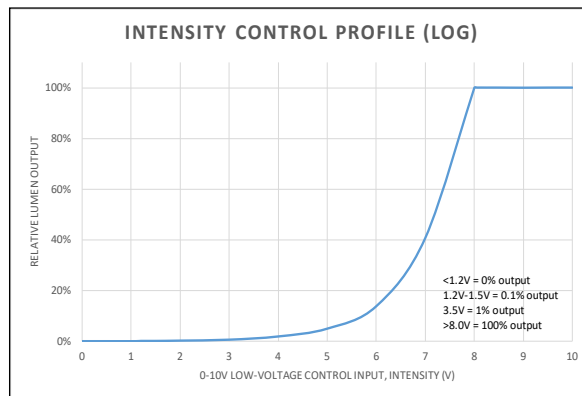
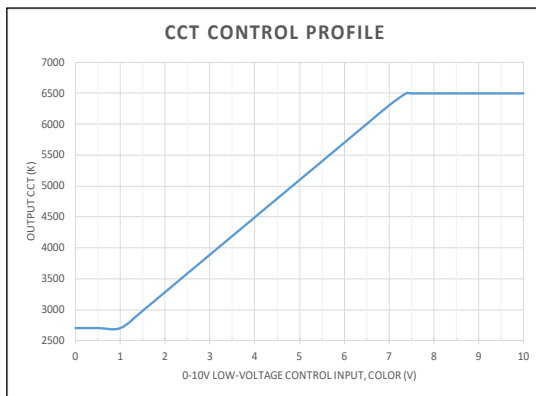
		Performance at 4000K Tuning			
Model	Lamp Type	Lumen Output (lm)	Efficacy (lm/W)	Input Power (W)	Estd. L70 LED Life (Hrs)
ME14	45T-27/65K8	5,605	122	46	80,000
	45T-27/65K9	4,518	98	46	80,000
ME22	45T-27/65K8	5,130	112	46	80,000
	45T-27/65K9	4,135	90	46	80,000
ME24	45T-27/65K8	5,853	127	46	80,000
	45T-27/65K9	4,717	103	46	80,000
	67T-27/65K8	8,756	129	68	80,000
	67T-27/65K9	7,253	107	68	80,000
	90T-27/65K8	11,373	124	92	60,000
	90T-27/65K9	9,166	100	92	60,000

Information subject to change without notice. Visit [www.kenall.com](http://www.kenall.com) for ies files additional information.

### PERFORMANCE SCALING, BY LAMP COLOR

CCT (K)	27/65K8					27/65K9				
	LUMEN SCALE FACTOR	Ra	R9	Rf	Rg	LUMEN SCALE FACTOR	Ra	R9	Rf	Rg
2700	0.92	83	10	83	97	0.95	92	57	89	98
3000	0.95	84	15	83	98	0.97	94	70	91	99
3500	0.99	86	23	84	98	0.99	95	77	92	99
4000	1.00	86	26	84	98	1.00	96	83	92	99
4600	1.00	86	28	84	98	1.00	96	90	92	100
5000	1.01	86	25	83	98	1.01	96	96	91	101
5700	0.99	85	23	82	98	0.99	96	96	91	100
6500	0.99	84	16	82	96	0.99	96	96	90	100

### CCT AND INTENSITY ADJUSTMENT PROFILE - ATW DRIVER TYPE



NOTE: The provided information is the typical expected performance of a single luminaire. Additional luminaires on the same 0-10V line may result in different control profiles. Fine tuning of system performance should be completed after installation is complete. To avoid CCT shift between luminaires, care should be taken to minimize voltage drop on the CCT Control line. It is recommended to limit the load on the CCT control circuit to twenty (20) 45T or ten (10) 67T/90T luminaires or less.



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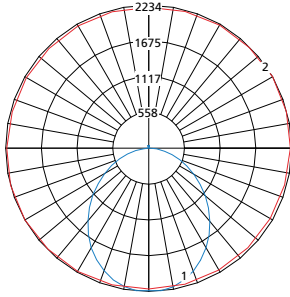
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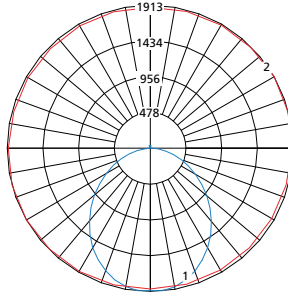
Model: ME14-G-45T-27-65K8-ATW-FA



Max Candela = 1908 Located At Horizontal Angle = 30, Vertical Angle = 5

1 - Vertical Plane Through Horizontal Angles (30 - 210) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

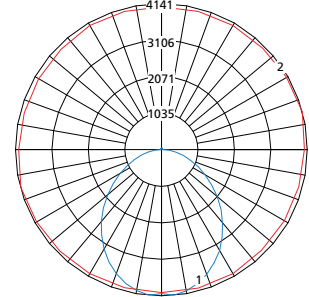
Model: ME22-G-45T-27-65K8-ATW-FA



Max Candela = 1908 Located At Horizontal Angle = 30, Vertical Angle = 5

1 - Vertical Plane Through Horizontal Angles (30 - 210) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

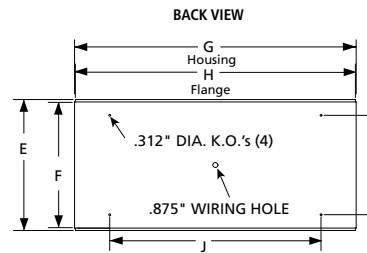
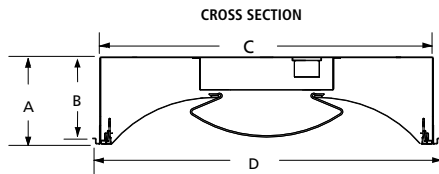
Model: ME24-G-90T-27-65K8-ATW-FA



Max Candela = 4337 Located At Horizontal Angle = 15, Vertical Angle = 5

1 - Vertical Plane Through Horizontal Angles (15 - 195) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

### DIMENSIONAL DATA



#### DIMENSIONAL DATA (IN INCHES)

	A	B*	C	D	E	F	G	H	I	J
<b>1x4</b>	6.30	5.93*	10.70	11.70	10.70	11.70	47.98	47.72	8.00	36.00
Recommended Ceiling Cut-Out 12.50x48.50 (Flange fixtures)										
<b>2x2</b>	6.30	5.93*	22.70	23.72	23.72	22.70	23.98	23.72	18.00	18.00
Recommended Ceiling Cut-Out 24.50x24.50 (Flange fixtures)										
<b>2x4</b>	6.30	5.93*	22.70	23.72	23.72	22.70	47.98	47.72	18.00	36.00
Recommended Ceiling Cut-Out 24.50x48.50 (Flange fixtures)										

\*ST Mounting Option Only



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