

Airfield lighting lamp range



THORN EMI Ref		AF 1/1	AF 1/2	AF 1/3	AF 1/4	AF 2/1
DOE Ref		—	EL 60	EL 50	EL 50TH	EL 55
LIF Ref		J 1/45	J 1/53	J 1/33	J 1/61	J 1/48
Volts/Amp		6.6A	8.33A	8.33A	8.33A	6.6A
Watts		200	200	100	100	200
Cap		P28S	P28S	BA20S	BA20S	P28S
Burning position**		VBD	VBD ± 90°	VBD ± 90°	VBD ± 90°	VBD ± 135°
Dimensions (mm)*	Dia max	46	82	61	12	82
	O/L max	135	130	93	80	130
	LCL nom	55.5	55.5	43	43	55.5
Average life (hours)		300	200	50	750	200
Lumens		4500	3700	2100	2100	3700



THORN EMI Ref		AF 2/2	AF 3/1	AF 3/2	AF 3/3	AF 4/1
DOE Ref		EL 39	EL 56	EL 57	EL 63	—
LIF Ref		J 1/52	J 1/35	J 1/29	J 1/41	J 1/1
Volts/Amp		8.33A	8.33A	8.33A	6.6A	6.6A
Watts		200	100	100	200	30
Cap		P28S	P28S	P30S	P30S	BA20S
Burning position**		VBD ± 135°	VBD	VBD	VBD	VBD
Dimensions (mm)*	Dia max	82	66	33	33	39
	O/L max	130	112	90	90	69
	LCL nom	55.5	55.5	28.5	30	31
Average life (hours)		200	50	50	100	50
Lumens		3700	2300	2100	4600	390

*Lamps not shown to scale.

**VBD = Vertical, base down.



THORN EMI Ref	AF 4/2	AF 4/3	AF 5/1	AF 5/4	AF 5/5
DOE Ref	—	EL 40	EL 36	—	EL 36TH
LIF Ref	J 1/15	J 1/7	J 1/6	J 1/62	J 1/60
Volts/Amp	6.6A	6.0A	6.0A	6.0A	6.0A
Watts	45	36	36	36	36
Cap	BA20S	BA20S	B15D/17	G6.35	B15D/17
Burning position**	VBD	VBD	Any	VBD ± 90°	Any
Dimensions (mm)*	Dia max	39	39	11	12
	O/L max	69	69	58	42
	LCL nom	31	30	28.5	30.5
Average life (hours)	1000	100	100	600‡	750
Lumens	585	560	570	610	610



THORN EMI Ref	AF 6/1	AF 6/2	AF 6/5E†	AF 6/5T	AF 7/2
DOE Ref	—	—	—	—	—
LIF Ref	J 1/9	J 1/10	J 1/21	J 1/21	J 1/37
Volts/Amp	6.6A	6.6A	6.6A	6.6A	6.6A
Watts	45	45	100	100	200
Cap	G6.35	PG 16 × 20	PG 16 × 20	PG 16 × 20	PG 16 × 20
Burning position**	Any	VBD ± 90°	VBD ± 90°	VBD ± 90°	VBD ± 90°
Dimensions (mm)*	Dia max	11	12	12	12
	O/L max	35	49.75	58.75	58.75
	LCL nom	25	21	22.15	22.15
Average life (hours)‡	600‡	600‡	600‡	600‡	600‡
Lumens	750	800	2100	2100	4800



THORN EMI Ref	—	—	—	AF 9/2	AF 9/3
DOE Ref	—	—	—	—	EL 61
LIF Ref	J 1/39	J 1/58	J 1/59	J 1/63	J 1/54
Volts/Amp	6.6A	6.6A	6.0A	6.6A	16.6A
Watts	200	100	36	200	200
Cap	G6.35	G6.35	G6.35	Screw terminals	Screw terminals
Burning position**	VBD ± 90°	VBD ± 90°	VBD ± 90°	Horizontal	Horizontal
Dimensions (mm)*	Dia max	13.5	13.5	11.0	11.0
	O/L max	47.0	47.0	47.0	47.0
	LCL nom	33.0	33.0	33.0	33.0
Average life (hours)	600‡	600‡	600‡	1000	1000
Lumens	4700	2300	700	—	—

*Lamps not shown to scale.

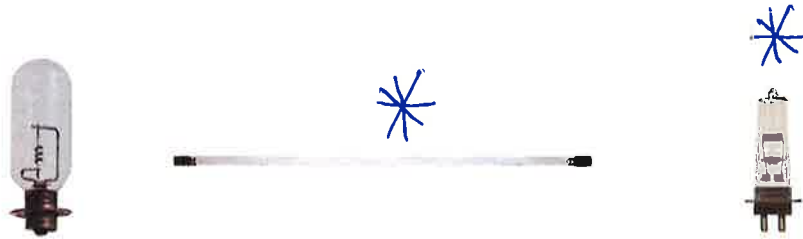
**VBD = Vertical, base down.

†Part etched.

‡600 hours average life within fitting at full intensity. Corresponds to average bench life of 1000 hours.



THORN EMI Ref		AF 11/1	—	—	—	—
DOE Ref		—	EL 41(V1/3)	EL 66	—	EL 38(V1/7)
LIF Ref		—	J 1/30	J 1/17	J 1/57	J 1/55
Volts/Amp		240V	8.33A	4.17A	6.6A	240V
Watts		65	100	50	45	250
Cap		E27/27	BA20S	E27	G6.35	P28S
Burning position**		Any	VBD ± 90°	Any	VBD ± 90°	VBD ± 135°
Dimensions (mm)*	Dia max	61	50.5	65	12	82
	O/L max	110	76	96	50	130
	LCL nom	65	35	48	33	55.5
Average life (hours)		1000	100	1000	600‡	500
Lumens		510	2100	725	800	3350



THORN EMI Ref		—	98-4501	—
DOE Ref		EL 65	Medium Intensity Neon	—
LIF Ref		J 1/49	Hazard Beacon	J 1/70
Volts/Amp		8.33A	Special control gear required	6.6A
Watts		200	160	100
Cap		P30S	G13-10×24	PG 16 × 20
Burning position**		VBD	Horizontal	VBD ± 90°
Dimensions (mm)*	Dia max	33	27	12
	O/L max	90	909	54
	LCL nom	30	—	22.5
Average life (hours)		100	4000 static or 3 × 10 ⁷ flashes	600‡
Lumens		4600	1850	2300

*Lamps not shown to scale.

‡600 hours average life within fitting at full intensity. Corresponds to average bench life of 1000 hours.

**VBD = Vertical, base down.

* Plus PK 30d LAMPS
 * " P28s LAMPS

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