

EVFT Illuminator™ Long Twin Tube Fluorescent Luminaires

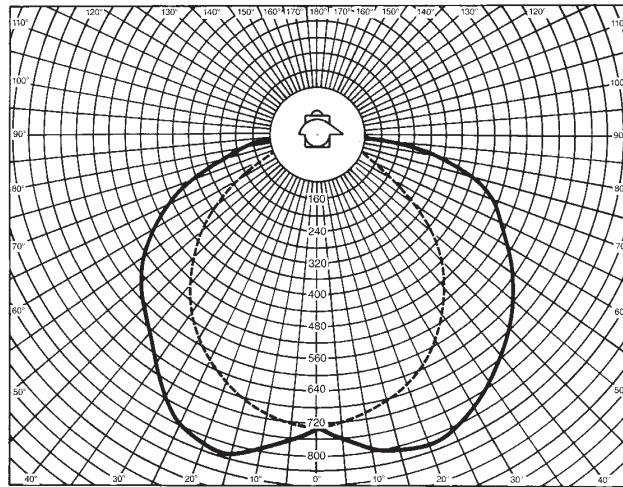
Photometric Data

6L

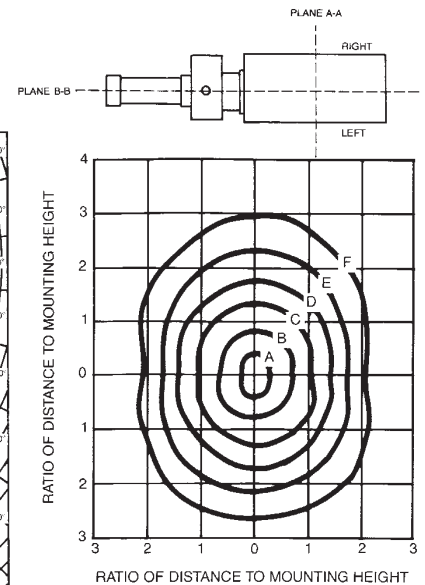
Illuminator two lamp luminaire with Reflector (without Guard)

Lamps: (2) 39 watt BIAx* fluorescent

DEGREES	CANDELAS in Plane A-A		Plane B-B
	LEFT	RIGHT	SIDE
0	729	729	729
10	792	797	703
20	820	821	658
30	757	777	582
40	648	709	488
50	567	632	370
60	474	535	239
70	340	469	109
80	201	312	21
90	102	116	
100	9	7	
110			
120			
130			
140			
150			
160			
170			
180			



LEGEND
 — PLANE A-A ACROSS LAMP AXIS
 - - - PLANE B-B ALONG LAMP AXIS



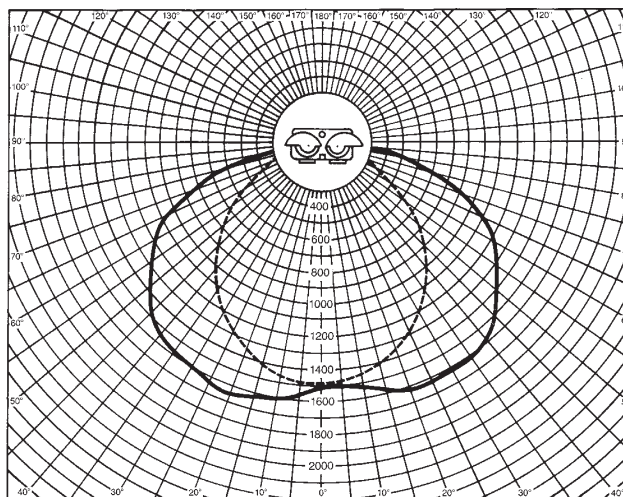
Footcandle Values for Isofootcandle Lines
MTG. HT

(FT)	A	B	C	D	E	F
8	10.0	5.00	2.00	1.00	0.50	0.25
10	6.4	3.20	1.28	0.64	0.32	0.16
12	4.4	2.22	0.89	0.44	0.22	0.11
16	2.5	1.25	0.50	0.25	0.13	0.06

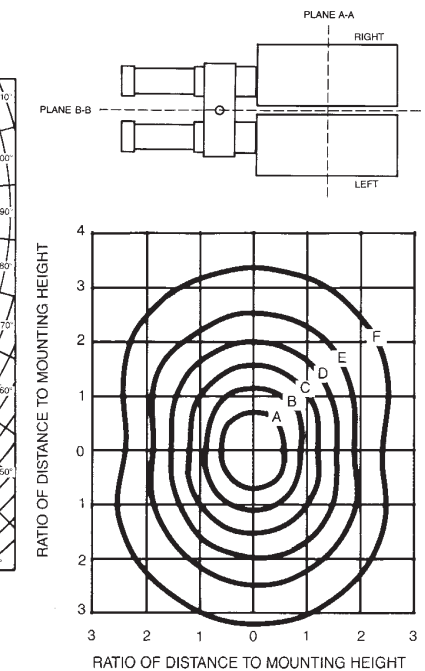
Illuminator four lamp luminaire with Reflectors (without Guards)

Lamps: (4) 39 watt BIAx* fluorescent

DEGREES	CANDELAS in Plane A-A		Plane B-B
	LEFT	RIGHT	SIDE
0	1486	1486	1486
10	1601	1520	1448
20	1633	1615	1346
30	1570	1602	1199
40	1530	1558	1000
50	1343	1390	763
60	1162	1208	492
70	803	921	225
80	375	488	45
90	136	168	2
100	13	18	1
110	2	6	
120	1	4	
130			
140	2		1
150		1	1
160			1
170	2	1	1
180	2	2	2



LEGEND
 — PLANE A-A ACROSS LAMP AXIS
 - - - PLANE B-B ALONG LAMP AXIS



Footcandle Values for Isofootcandle Lines
MTG. HT

(FT)	A	B	C	D	E	F
10	8.0	4.00	2.00	1.00	0.50	0.20
12	5.6	2.78	1.39	0.69	0.35	0.14
16	3.1	1.56	0.78	0.39	0.20	0.08
20	2.0	1.00	0.50	0.25	0.13	0.05

* BIAx is a trademark of the General Electric Company.

EVFT Illuminator™
Long Twin Tube
Fluorescent Luminaires

LUMINAIRE: EVFT 22320 with RAR1 Reflector
Lamps: Two (2) F39BX/SPX35/RS
Lumen Rating: 2900 Lumens/Lamp

Effective Floor Cavity Reflectance 20%
 % Reflectance

Eff. Ceil.	Wall	Room Cavity Ratio										
		0	1	2	3	4	5	6	7	8	9	10
80	70	.51	.46	.41	.38	.34	.31	.29	.26	.24	.22	.21
	50	.51	.44	.38	.33	.29	.25	.23	.20	.18	.16	.15
	30	.51	.41	.35	.29	.25	.21	.19	.16	.14	.13	.11
	10	.51	.40	.32	.26	.22	.18	.16	.14	.12	.10	.09
70	70	.49	.45	.40	.37	.33	.30	.28	.26	.24	.22	.20
	50	.49	.43	.37	.32	.28	.25	.22	.20	.18	.16	.14
	30	.49	.41	.34	.29	.25	.21	.18	.16	.14	.12	.11
	10	.49	.39	.31	.26	.22	.18	.16	.14	.12	.10	.09
50	50	.47	.41	.35	.31	.27	.24	.21	.19	.17	.15	.14
	30	.47	.39	.33	.28	.24	.21	.18	.16	.14	.12	.11
	10	.47	.38	.31	.26	.22	.18	.16	.13	.12	.10	.09
	0	.43	.35	.28	.24	.20	.17	.14	.12	.10	.09	.08
30	50	.45	.39	.34	.30	.26	.23	.21	.19	.17	.15	.14
	30	.45	.38	.32	.27	.24	.20	.18	.16	.14	.12	.11
	10	.45	.37	.30	.25	.21	.18	.15	.13	.11	.10	.09
	0	.43	.35	.28	.24	.20	.17	.14	.12	.10	.09	.08
10	50	.43	.37	.33	.29	.25	.22	.20	.18	.16	.14	.13
	30	.43	.36	.31	.27	.23	.20	.17	.15	.13	.12	.10
	10	.43	.35	.29	.25	.21	.18	.15	.13	.11	.10	.08
	0	.43	.35	.28	.24	.20	.17	.14	.12	.10	.09	.08

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

LUMINAIRE: EVFT 24320 with RAR1 & RAL1 Reflectors
Lamps: Four (4) F39BX/SPX35/RS
Lumen Rating: 2900 Lumens/Lamp

Effective Floor Cavity Reflectance 20%
 % Reflectance

Eff. Ceil.	Wall	Room Cavity Ratio										
		0	1	2	3	4	5	6	7	8	9	10
80	70	.48	.44	.40	.37	.33	.30	.28	.26	.24	.22	.20
	50	.48	.42	.37	.32	.29	.25	.22	.20	.18	.16	.15
	30	.48	.40	.34	.29	.25	.21	.19	.16	.14	.13	.11
	10	.48	.39	.31	.26	.22	.19	.16	.14	.12	.10	.09
70	70	.47	.43	.39	.36	.33	.29	.27	.25	.23	.21	.20
	50	.47	.41	.36	.32	.28	.25	.22	.20	.18	.16	.14
	30	.47	.40	.33	.29	.25	.21	.18	.16	.14	.12	.11
	10	.47	.38	.31	.26	.22	.18	.16	.14	.12	.10	.09
50	50	.45	.39	.34	.30	.27	.24	.21	.19	.17	.15	.14
	30	.45	.38	.32	.28	.24	.21	.18	.16	.14	.12	.11
	10	.45	.37	.30	.26	.22	.18	.16	.14	.12	.10	.09
	0	.43	.35	.28	.24	.20	.17	.14	.12	.10	.09	.08
30	50	.43	.38	.33	.29	.26	.23	.20	.18	.17	.15	.14
	30	.43	.37	.31	.27	.23	.20	.18	.16	.14	.12	.11
	10	.43	.36	.30	.25	.21	.18	.16	.13	.12	.10	.09
	0	.43	.35	.28	.24	.20	.17	.14	.12	.10	.09	.08
10	50	.41	.36	.32	.28	.25	.22	.20	.18	.16	.14	.13
	30	.41	.35	.30	.26	.23	.20	.17	.15	.13	.12	.11
	10	.41	.35	.29	.25	.21	.18	.15	.13	.12	.10	.09
	0	.41	.34	.28	.24	.20	.17	.15	.13	.11	.09	.08

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES