

REPORT NUMBER: 2030
 ISSUE DATE: 10/23/07
 PREPARED FOR: Progress Lighting
 CATALOG NUMBER: 3410-09
 LUMINAIRE: 8 "CEILING FITTER
 LAMP: 2 - A19/60W/STD - GE

Tested under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. 25.9c, 114.6V, 119W, .98A.

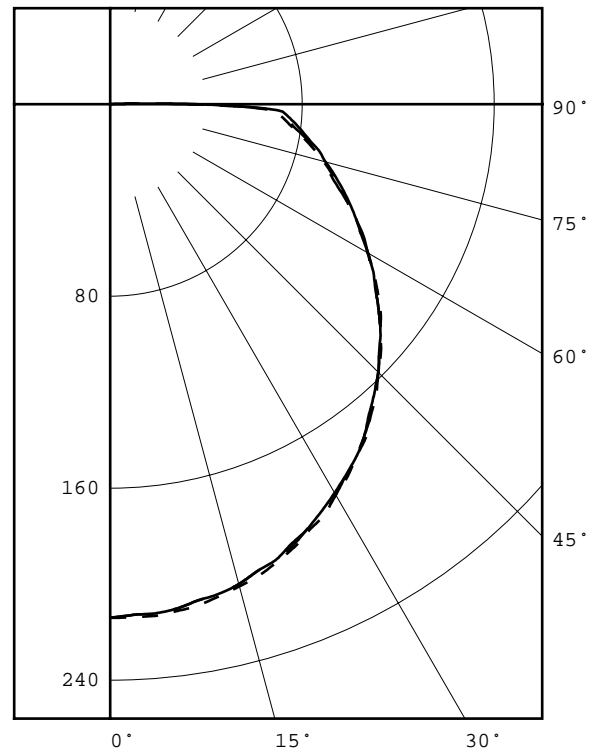
MOUNTING: HORIZONTAL
 REPORT IS BASED ON 775 LUMENS PER LAMP.

CANDELA DISTRIBUTION						FLUX
	0.0	45.0	90.0	135.0	180.0	
0	214	214	214	214	214	
5	214	214	213	213	213	20
15	208	207	207	207	207	59
25	196	195	195	195	195	90
35	179	179	179	179	179	112
45	158	158	158	158	158	122
55	136	135	135	135	135	121
65	113	113	113	113	112	112
75	92	92	93	93	92	98
85	73	74	76	75	74	82
90	65	66	68	67	67	

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	169	10.9	20.7
0- 40	281	18.1	34.5
0- 60	525	33.8	64.3
0- 90	816	52.6	100.0
90-180	0	0.0	0.0
0-180	816	52.6	100.0

TOTAL LUMINAIRE EFFICIENCY = 52.6 %

CIE TYPE - DIRECT
 PLANE : 0-DEG 90-DEG 180-DEG
 SPACING CRITERIA : 1.3 1.3 1.3



LEGEND:
 0-deg: - - - - -
 90-deg: _____
 180-deg: - - - - -

Checked
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CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	214	214	214	214	214	214	214	214	214
2.5	214	214	214	214	213	213	213	213	213
5.0	214	214	214	213	213	213	213	213	213
7.5	213	213	212	212	212	212	210	212	212
10.0	212	211	211	211	210	210	210	210	210
12.5	210	210	209	209	209	209	209	209	209
15.0	208	208	207	207	207	207	207	207	207
17.5	206	206	205	205	204	205	205	205	204
20.0	203	203	202	202	202	202	202	202	202
22.5	200	199	199	199	198	199	199	199	199
25.0	196	196	195	196	195	195	195	195	195
27.5	193	192	192	192	191	192	192	192	192
30.0	188	188	188	188	187	188	188	188	188
32.5	184	184	183	184	183	183	183	183	183
35.0	179	179	179	179	179	179	179	179	179
37.5	175	175	174	174	174	174	174	174	174
40.0	169	169	169	169	168	169	169	169	169
42.5	164	164	163	164	163	163	163	163	163
45.0	158	158	158	158	158	158	158	158	158
47.5	153	153	152	152	152	152	152	152	152
50.0	147	147	147	147	147	146	147	147	147
52.5	142	141	141	141	141	141	141	141	141
55.0	136	136	135	135	135	135	135	135	135
57.5	130	130	130	130	130	129	129	130	129
60.0	124	124	124	124	124	124	124	124	124
62.5	118	118	118	119	119	118	118	118	118
65.0	113	113	113	113	113	113	113	113	112
67.5	107	107	107	108	108	108	107	107	107
70.0	102	102	102	102	103	102	102	102	101
72.5	97	96	97	98	98	98	97	97	96
75.0	92	92	92	93	93	93	93	92	92
77.5	87	87	87	88	89	89	88	87	87
80.0	82	82	83	84	84	84	84	83	83
82.5	77	78	78	80	80	80	79	79	78
85.0	73	73	74	76	76	76	75	75	74
87.5	69	69	70	72	72	72	71	71	71
90.0	65	65	66	68	68	68	67	67	67

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ZONAL LUMEN SUMMARY

0- 5	5.
5- 10	15.
10- 15	25.
15- 20	34.
20- 25	42.
25- 30	49.
30- 35	54.
35- 40	58.
40- 45	60.
45- 50	62.
50- 55	61.
55- 60	60.
60- 65	57.
65- 70	54.
70- 75	51.
75- 80	47.
80- 85	43.
85- 90	39.

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	63	63	63	63	61	61	61	61	58	58	58	56	56	56	54	54	54	53	53
1	55	52	48	46	53	50	47	45	48	46	43	46	44	42	44	42	41	39	39
2	49	44	39	36	48	43	39	35	41	37	34	39	36	33	37	35	33	31	31
3	44	38	33	29	43	37	32	28	35	31	28	34	30	27	32	29	27	26	26
4	40	33	28	24	39	33	28	24	31	27	23	30	26	23	29	25	23	21	21
5	37	30	24	20	36	29	24	20	28	23	20	27	23	20	26	22	19	18	18
6	34	26	21	18	33	26	21	17	25	21	17	24	20	17	23	20	17	16	16
7	32	24	19	15	31	23	19	15	23	18	15	22	18	15	21	18	15	14	14
8	29	22	17	14	29	21	17	14	21	16	13	20	16	13	19	16	13	12	12
9	27	20	15	12	27	20	15	12	19	15	12	18	15	12	18	14	12	11	11
10	26	18	14	11	25	18	14	11	18	14	11	17	13	11	17	13	11	10	10

ALL CANDELA, LUMENS, LUMINANCE, COEFFICIENT OF UTILIZATION AND VCP VALUES IN THIS REPORT ARE BASED ON RELATIVE PHOTOMETRY WHICH ASSUMES A BALLAST FACTOR OF 1.000. ANY CALCULATIONS PREPARED FROM THESE DATA SHOULD INCLUDE AN APPROPRIATE BALLAST FACTOR.