

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXCR-CW-277E5-35WH-1.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 3283  
 [ECN] 3075  
 [TESTLAB] Tempo LLC  
 [ISSUEDATE] 11/3/2017 9:47:26 AM  
 [MANUFAC] Tempo LLC  
 [LUMCAT] pFXCR-CW-277E5-35WH-1  
 [LUMINAIRE] White aluminum housing with lightly frosted lens  
 [LAMP] Twelve (12) white LEDs (3500K) with semi-specular micro reflector and white micro-baffle  
 [ELECTRICALS] 277.14 VAC, 0.02 A, 0.9861 PF, 10% ATHD

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	436
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	5.03
Ballast Factor	1.00
CIE Type	Semi-Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.04 ft
Luminous Width (90-270)	0.92 ft
Luminous Height	0.04 ft



**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	337	461	176
55	719	1015	277
65	2064	2374	505
75	14289	7113	1091
85	38121	25488	3517

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**CANDELA TABULATION**

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
<b>0.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>10.0</b>	0.10	0.10	0.10	0.11	0.10	0.10	0.11	0.11	0.11	0.11
<b>20.0</b>	0.32	0.33	0.32	0.32	0.31	0.30	0.30	0.29	0.27	0.25
<b>30.0</b>	0.69	0.71	0.73	0.74	0.75	0.75	0.74	0.71	0.67	0.64
<b>40.0</b>	1.27	1.35	1.42	1.48	1.55	1.57	1.58	1.55	1.47	1.36
<b>45.0</b>	1.69	1.82	1.91	2.05	2.16	2.24	2.27	2.22	2.14	2.01
<b>50.0</b>	2.32	2.49	2.67	2.84	2.99	3.11	3.16	3.18	3.08	2.86
<b>55.0</b>	3.55	3.73	3.92	4.11	4.31	4.41	4.48	4.41	4.39	4.24
<b>60.0</b>	5.61	5.81	6.07	6.32	6.42	6.54	6.45	6.41	6.19	6.03
<b>65.0</b>	9.72	9.99	10.23	10.34	10.40	10.26	9.89	9.47	9.34	9.19
<b>67.5</b>	14.74	15.18	15.25	14.88	13.88	13.81	12.50	12.28	11.39	11.06
<b>70.0</b>	24.04	24.88	24.23	23.24	21.80	19.27	18.60	16.02	14.34	14.66
<b>72.5</b>	38.68	39.12	38.15	35.54	33.67	31.26	26.97	23.39	21.73	19.27
<b>75.0</b>	62.01	61.82	59.84	57.54	52.39	47.96	41.76	37.89	30.86	24.52
<b>77.5</b>	90.55	89.66	87.16	83.09	78.06	70.38	64.00	54.83	43.99	35.01
<b>80.0</b>	115.31	114.42	111.80	107.92	102.47	95.38	87.39	74.67	62.87	48.67
<b>82.5</b>	133.04	132.22	130.11	126.82	122.39	115.53	105.53	95.04	83.35	63.89
<b>85.0</b>	146.34	145.67	143.83	141.06	136.87	130.49	123.07	112.81	98.21	74.38
<b>87.5</b>	160.23	159.40	157.56	154.73	150.26	144.25	136.12	125.24	109.75	84.18
<b>90.0</b>	175.03	174.29	172.46	169.17	164.29	157.77	148.77	137.33	120.57	92.99
<b>92.5</b>	186.80	185.00	182.89	179.26	174.07	167.28	158.00	145.84	128.65	100.67
<b>95.0</b>	197.52	195.34	193.18	189.41	183.75	176.45	166.49	153.58	135.45	106.59
<b>97.5</b>	207.39	205.62	203.16	199.11	193.22	185.33	174.67	161.14	142.40	112.14
<b>100.0</b>	216.54	214.98	212.32	208.09	202.20	193.47	182.47	168.11	148.40	118.22
<b>102.5</b>	225.26	223.71	220.85	216.29	209.79	200.94	188.89	173.96	154.21	123.79
<b>105.0</b>	232.19	230.54	227.48	222.37	215.76	206.56	194.31	178.08	157.33	128.36
<b>107.5</b>	236.97	235.25	232.22	227.04	219.66	209.97	197.38	181.27	160.61	131.50
<b>110.0</b>	239.07	237.57	234.40	228.98	221.22	211.75	198.20	182.05	162.62	133.28
<b>112.5</b>	238.99	237.42	234.13	228.53	220.99	210.48	197.83	181.16	161.44	135.60
<b>115.0</b>	235.70	234.40	231.40	225.75	217.73	207.84	194.78	179.60	159.78	135.75
<b>117.5</b>	230.05	228.99	226.02	220.65	213.01	203.26	190.51	175.45	158.24	136.16
<b>120.0</b>	222.36	221.46	218.73	213.57	206.70	196.88	185.38	170.86	155.66	137.08
<b>122.5</b>	213.10	212.37	209.85	205.27	198.90	189.75	179.53	166.49	152.06	135.50
<b>125.0</b>	203.28	202.76	200.43	196.34	190.37	182.89	173.00	161.82	148.44	133.28
<b>127.5</b>	194.07	193.63	191.45	187.93	182.61	175.94	167.05	156.84	145.70	131.59
<b>130.0</b>	185.52	185.12	183.28	179.90	175.10	168.97	161.42	152.01	141.76	130.56
<b>132.5</b>	177.27	176.89	175.06	172.41	167.97	162.75	155.89	147.46	138.08	128.62
<b>135.0</b>	169.21	168.98	167.43	164.95	161.34	156.32	150.24	143.20	134.97	126.35
<b>137.5</b>	162.09	161.76	160.34	158.08	155.10	150.52	145.18	139.08	132.47	124.38
<b>140.0</b>	155.23	154.96	153.81	151.95	149.07	145.56	140.92	135.46	129.33	122.42
<b>142.5</b>	149.42	149.18	148.27	146.65	144.04	140.99	136.93	131.92	125.87	119.61
<b>145.0</b>	144.10	143.92	143.09	141.67	139.31	136.30	132.51	127.70	122.27	116.38
<b>147.5</b>	138.82	138.65	137.98	136.45	134.15	131.12	127.63	123.61	118.50	112.78
<b>150.0</b>	133.21	133.00	132.17	130.68	128.55	126.00	122.75	119.04	114.56	109.09
<b>152.5</b>	127.15	126.94	126.20	124.91	123.20	120.80	117.72	114.11	109.96	104.90
<b>155.0</b>	121.15	121.01	120.36	119.20	117.45	115.18	112.35	108.79	104.69	100.20
<b>157.5</b>	114.69	114.80	113.91	112.77	111.16	109.15	106.36	103.04	99.42	95.67
<b>160.0</b>	107.39	107.56	106.79	105.81	104.36	102.45	100.21	97.63	94.49	91.02
<b>162.5</b>	100.18	100.31	99.70	98.89	98.00	96.32	94.45	92.15	89.45	86.62
<b>165.0</b>	93.46	93.57	93.06	92.43	91.43	90.11	88.65	86.70	84.87	82.18
<b>167.5</b>	86.88	86.95	86.48	85.89	85.09	84.04	82.74	81.20	79.37	77.42
<b>170.0</b>	80.31	80.35	79.95	79.45	78.76	77.90	76.89	75.65	74.20	72.56
<b>172.5</b>	73.42	73.46	73.15	72.76	72.20	71.50	70.67	69.68	68.54	67.23
<b>175.0</b>	66.00	66.03	66.05	65.53	65.12	64.61	64.02	63.32	62.56	61.71

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**CANDELA TABULATION - (Cont.)**

<b>177.5</b>	58.20	58.21	58.23	58.24	57.75	57.49	57.16	56.78	56.63	55.83
<b>180.0</b>	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00

**Vert. Angles**      **Horizontal Angles**

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
<b>0.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>10.0</b>	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.12	0.11	0.11
<b>20.0</b>	0.23	0.21	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.19
<b>30.0</b>	0.58	0.53	0.46	0.38	0.32	0.29	0.30	0.30	0.30	0.31
<b>40.0</b>	1.26	1.13	0.98	0.82	0.68	0.49	0.42	0.42	0.41	0.42
<b>45.0</b>	1.80	1.59	1.39	1.17	0.95	0.71	0.49	0.46	0.46	0.45
<b>50.0</b>	2.66	2.33	1.98	1.64	1.31	1.00	0.60	0.52	0.51	0.48
<b>55.0</b>	3.88	3.34	2.81	2.31	1.84	1.40	0.90	0.62	0.60	0.57
<b>60.0</b>	5.78	5.10	4.24	3.33	2.54	1.93	1.26	0.73	0.71	0.66
<b>65.0</b>	8.48	7.40	6.32	4.93	3.70	2.71	1.80	0.96	0.83	0.80
<b>67.5</b>	10.57	9.28	7.80	6.07	4.49	3.16	2.09	1.11	0.90	0.86
<b>70.0</b>	13.32	11.33	9.43	7.30	5.29	3.65	2.40	1.26	0.96	0.93
<b>72.5</b>	16.50	13.58	11.21	8.74	6.35	4.32	2.78	1.46	1.06	1.04
<b>75.0</b>	20.39	16.35	13.41	10.52	7.62	5.12	3.17	1.68	1.17	1.14
<b>77.5</b>	26.15	19.60	15.78	12.39	8.96	5.94	3.59	1.90	1.29	1.25
<b>80.0</b>	32.80	23.13	18.28	14.36	10.37	6.82	4.03	2.15	1.40	1.37
<b>82.5</b>	40.08	26.83	20.91	16.43	11.97	7.98	4.81	2.46	1.52	1.48
<b>85.0</b>	46.14	30.50	23.65	18.62	13.76	9.27	5.59	2.78	1.65	1.59
<b>87.5</b>	52.41	34.32	26.49	20.89	15.46	10.51	6.40	3.12	1.78	1.71
<b>90.0</b>	58.04	37.98	29.30	23.15	17.24	11.81	7.25	3.47	1.91	1.84
<b>92.5</b>	63.53	41.53	31.76	25.13	18.99	13.30	8.50	4.55	2.59	2.25
<b>95.0</b>	67.91	44.63	34.03	26.97	20.74	14.80	9.76	5.64	3.27	2.66
<b>97.5</b>	71.90	47.54	36.21	28.77	22.25	16.15	11.01	6.73	3.94	3.07
<b>100.0</b>	77.94	51.43	38.55	30.56	23.85	17.57	12.16	7.81	4.61	3.49
<b>102.5</b>	83.26	55.25	40.93	32.40	25.53	19.23	13.77	9.22	5.98	4.51
<b>105.0</b>	87.63	58.39	43.04	34.12	27.15	20.88	15.34	10.69	7.34	5.53
<b>107.5</b>	92.89	62.13	44.89	35.70	28.71	22.44	16.88	12.14	8.70	6.57
<b>110.0</b>	98.16	67.49	48.64	37.80	30.38	24.07	18.41	13.56	10.07	7.60
<b>112.5</b>	103.13	71.95	51.77	39.99	32.32	25.87	20.11	15.22	11.58	8.93
<b>115.0</b>	105.72	75.50	54.48	41.89	33.97	27.64	21.77	16.86	13.10	10.28
<b>117.5</b>	108.58	80.86	58.15	43.57	35.67	29.37	23.37	18.54	14.61	11.61
<b>120.0</b>	111.96	86.51	64.68	49.40	39.08	31.71	25.13	20.06	16.13	12.94
<b>122.5</b>	115.75	92.34	70.86	54.72	43.33	34.88	28.11	22.53	18.13	14.58
<b>125.0</b>	115.78	96.78	75.98	59.53	47.17	38.00	30.83	24.92	20.12	16.31
<b>127.5</b>	115.99	98.86	80.58	63.88	50.63	40.97	33.69	27.32	22.12	17.91
<b>130.0</b>	117.01	101.71	85.14	69.68	55.84	45.06	36.61	29.66	24.11	19.68
<b>132.5</b>	118.72	105.03	89.97	75.32	61.65	50.42	41.68	34.00	27.47	22.50
<b>135.0</b>	117.33	107.58	94.89	80.81	67.13	55.75	46.59	38.23	30.84	25.44
<b>137.5</b>	115.84	106.15	96.21	85.30	72.21	60.79	51.27	42.33	34.20	28.35
<b>140.0</b>	114.29	105.05	95.35	84.82	74.03	64.32	55.56	46.23	37.56	31.31
<b>142.5</b>	112.29	103.93	94.30	84.74	74.66	65.78	57.21	48.42	39.83	33.53
<b>145.0</b>	109.59	102.11	93.20	84.17	75.41	67.25	59.02	50.58	42.10	35.63
<b>147.5</b>	106.31	99.22	91.56	84.08	76.22	68.67	60.75	52.71	44.37	37.88
<b>150.0</b>	102.76	96.07	89.30	82.56	75.95	69.56	62.19	54.72	46.63	40.12
<b>152.5</b>	99.11	93.12	86.97	80.95	74.99	68.78	62.02	54.93	47.40	41.22
<b>155.0</b>	95.56	90.15	84.85	79.39	73.97	68.13	61.80	55.10	48.16	42.32
<b>157.5</b>	91.35	87.04	82.49	77.89	72.86	67.36	61.48	55.55	48.92	43.48
<b>160.0</b>	87.41	83.65	79.70	75.63	71.26	66.35	61.31	55.37	49.68	44.64
<b>162.5</b>	83.53	80.36	76.72	73.06	69.30	64.64	59.91	54.85	49.80	45.25
<b>165.0</b>	79.43	76.62	73.79	70.31	66.62	62.73	58.70	54.28	49.90	45.94

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167.5	75.33	72.97	70.29	67.30	64.14	60.97	57.46	53.68	50.02	46.86
170.0	70.96	68.74	66.51	64.08	61.97	59.03	56.16	53.06	50.12	47.36
172.5	65.74	64.15	62.51	60.76	58.81	56.97	54.49	52.18	49.93	47.83
175.0	60.72	59.63	58.46	57.18	55.79	54.33	52.82	51.52	49.74	48.30
177.5	55.27	54.90	54.04	53.38	52.66	51.92	51.39	50.35	49.55	48.82
180.0	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00

**Vert. Angles**      **Horizontal Angles**

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
20.0	0.19	0.19	0.18	0.18	0.18	0.18	0.17	0.16	0.15	0.14
30.0	0.30	0.29	0.30	0.30	0.28	0.25	0.24	0.22	0.21	0.20
40.0	0.41	0.40	0.40	0.38	0.36	0.34	0.32	0.30	0.27	0.26
45.0	0.45	0.44	0.43	0.41	0.41	0.41	0.38	0.35	0.33	0.29
50.0	0.49	0.48	0.48	0.45	0.43	0.43	0.44	0.44	0.41	0.39
55.0	0.54	0.52	0.50	0.48	0.46	0.46	0.47	0.50	0.49	0.47
60.0	0.60	0.56	0.51	0.52	0.50	0.51	0.53	0.57	0.58	0.55
65.0	0.72	0.65	0.59	0.56	0.55	0.55	0.56	0.62	0.66	0.64
67.5	0.78	0.71	0.64	0.60	0.58	0.57	0.58	0.62	0.67	0.68
70.0	0.85	0.76	0.69	0.64	0.61	0.60	0.60	0.65	0.72	0.72
72.5	0.95	0.83	0.75	0.67	0.65	0.62	0.63	0.66	0.73	0.74
75.0	1.05	0.92	0.81	0.72	0.66	0.64	0.65	0.68	0.75	0.77
77.5	1.16	1.02	0.87	0.75	0.69	0.67	0.67	0.69	0.77	0.81
80.0	1.26	1.12	0.94	0.80	0.71	0.71	0.68	0.70	0.78	0.82
82.5	1.38	1.22	1.01	0.85	0.74	0.74	0.70	0.70	0.80	0.83
85.0	1.50	1.33	1.09	0.90	0.77	0.75	0.72	0.72	0.80	0.84
87.5	1.62	1.43	1.17	0.94	0.79	0.76	0.75	0.73	0.80	0.85
90.0	1.76	1.55	1.26	0.99	0.83	0.78	0.77	0.75	0.80	0.86
92.5	1.98	1.71	1.40	1.11	0.91	0.82	0.80	0.77	0.82	0.87
95.0	2.20	1.87	1.54	1.24	1.00	0.87	0.82	0.79	0.83	0.87
97.5	2.43	2.04	1.69	1.36	1.10	0.91	0.86	0.81	0.85	0.87
100.0	2.68	2.23	1.85	1.50	1.24	0.99	0.91	0.86	0.86	0.88
102.5	3.28	2.61	2.12	1.71	1.42	1.11	0.97	0.92	0.88	0.88
105.0	3.90	3.01	2.41	1.93	1.60	1.21	1.04	0.96	0.91	0.86
107.5	4.56	3.42	2.73	2.14	1.77	1.34	1.15	1.02	0.94	0.87
110.0	5.27	3.94	3.15	2.50	2.09	1.55	1.29	1.10	1.01	0.91
112.5	6.41	4.66	3.72	2.93	2.41	1.79	1.47	1.20	1.08	0.95
115.0	7.61	5.47	4.33	3.41	2.77	2.04	1.67	1.35	1.18	1.02
117.5	8.80	6.27	4.96	3.89	3.18	2.52	1.93	1.52	1.31	1.12
120.0	10.08	7.20	5.66	4.47	3.70	3.00	2.26	1.73	1.45	1.23
122.5	11.38	8.32	6.41	5.12	4.23	3.54	2.69	2.05	1.66	1.42
125.0	12.71	9.52	7.22	5.80	4.78	4.02	3.11	2.42	1.97	1.63
127.5	14.09	10.81	8.12	6.56	5.29	4.34	3.45	2.74	2.32	1.92
130.0	15.56	12.04	9.00	7.13	5.74	4.74	3.77	3.08	2.63	2.26
132.5	17.34	13.15	9.94	7.77	6.25	5.23	4.12	3.40	2.90	2.57
135.0	19.50	14.40	11.01	8.53	6.86	5.75	4.68	3.85	3.21	2.86
137.5	21.68	15.79	12.15	9.50	7.49	6.24	5.28	4.48	3.64	3.27
140.0	24.20	17.34	13.20	10.30	8.19	6.74	5.83	5.07	4.29	3.72
142.5	26.92	19.10	14.31	11.31	9.01	7.37	6.37	5.52	4.80	4.22
145.0	29.33	21.33	15.58	12.46	10.04	8.18	6.82	5.92	5.23	4.66
147.5	31.99	23.93	17.49	13.66	11.12	8.94	7.40	6.37	5.62	5.05
150.0	34.53	26.83	19.35	14.73	12.00	9.85	8.21	6.96	6.13	5.41
152.5	36.36	29.39	22.13	16.36	13.09	10.89	9.16	7.87	6.72	5.91
155.0	37.65	31.97	25.00	18.76	14.63	12.11	10.28	8.78	7.58	6.62

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXCR-CW-277E5-35WH-1.IES**

**CANDELA TABULATION - (Cont.)**

157.5	39.18	34.40	28.47	22.12	17.06	13.66	11.50	9.92	8.70	7.63
160.0	40.66	36.81	31.65	25.86	20.41	16.17	13.30	11.34	9.96	8.90
162.5	41.58	38.28	34.39	29.75	24.74	20.11	16.43	13.77	11.87	10.50
165.0	42.82	39.81	37.04	33.41	29.43	25.41	21.69	18.16	15.43	13.47
167.5	43.72	41.25	38.95	36.50	33.78	30.72	27.42	24.29	21.58	18.92
170.0	44.88	42.88	40.82	39.01	37.13	35.13	33.01	31.01	28.55	26.44
172.5	45.86	44.05	42.60	41.07	39.78	38.52	37.25	35.99	34.75	33.53
175.0	46.94	45.66	44.44	43.31	42.31	41.45	40.65	39.99	39.26	38.86
177.5	48.09	47.41	46.77	46.31	45.55	45.00	44.47	43.99	43.54	43.27
180.0	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00

**Vert. Horizontal Angles**  
**Angles**

	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.10	0.10	0.10	0.10	0.10	0.10	0.10
20.0	0.13	0.13	0.13	0.12	0.12	0.12	0.11
30.0	0.19	0.18	0.18	0.16	0.16	0.16	0.16
40.0	0.23	0.22	0.22	0.21	0.20	0.20	0.20
45.0	0.30	0.28	0.25	0.23	0.22	0.23	0.24
50.0	0.36	0.32	0.29	0.27	0.27	0.27	0.28
55.0	0.42	0.38	0.33	0.31	0.30	0.29	0.29
60.0	0.50	0.46	0.38	0.35	0.33	0.33	0.31
65.0	0.61	0.52	0.43	0.38	0.37	0.33	0.35
67.5	0.64	0.53	0.43	0.38	0.38	0.36	0.36
70.0	0.67	0.58	0.45	0.41	0.40	0.38	0.36
72.5	0.71	0.60	0.49	0.41	0.41	0.38	0.37
75.0	0.73	0.62	0.49	0.42	0.43	0.40	0.37
77.5	0.76	0.63	0.52	0.44	0.43	0.41	0.39
80.0	0.79	0.64	0.50	0.45	0.44	0.43	0.40
82.5	0.79	0.65	0.53	0.45	0.44	0.43	0.40
85.0	0.80	0.67	0.53	0.47	0.44	0.46	0.36
87.5	0.80	0.68	0.54	0.46	0.47	0.47	0.37
90.0	0.81	0.68	0.55	0.47	0.45	0.49	0.44
92.5	0.81	0.66	0.52	0.44	0.45	0.44	0.36
95.0	0.83	0.66	0.52	0.44	0.44	0.40	0.36
97.5	0.82	0.67	0.51	0.43	0.43	0.39	0.37
100.0	0.83	0.67	0.50	0.42	0.38	0.36	0.35
102.5	0.81	0.68	0.49	0.39	0.37	0.36	0.32
105.0	0.81	0.68	0.51	0.41	0.37	0.36	0.33
107.5	0.79	0.68	0.53	0.42	0.38	0.36	0.36
110.0	0.81	0.69	0.55	0.44	0.41	0.39	0.36
112.5	0.83	0.71	0.58	0.47	0.41	0.39	0.39
115.0	0.88	0.76	0.61	0.52	0.43	0.41	0.55
117.5	0.97	0.80	0.68	0.56	0.49	0.47	0.74
120.0	1.07	0.92	0.78	0.65	0.61	0.59	0.86
122.5	1.21	1.06	0.92	0.78	0.77	0.83	1.07
125.0	1.42	1.26	1.14	1.03	1.01	1.12	1.35
127.5	1.74	1.54	1.44	1.36	1.29	1.40	1.62
130.0	2.08	1.81	1.71	1.67	1.60	1.71	1.93
132.5	2.33	2.08	1.92	1.97	1.96	2.02	2.14
135.0	2.62	2.37	2.21	2.27	2.38	2.29	2.27
137.5	3.05	2.76	2.61	2.63	2.67	2.55	2.48
140.0	3.53	3.30	3.02	2.95	2.93	2.78	2.68
142.5	3.97	3.68	3.41	3.29	3.13	2.97	2.84
145.0	4.26	3.88	3.61	3.42	3.24	3.07	2.93

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>147.5</b>	4.51	4.09	3.77	3.52	3.32	3.12	2.95
<b>150.0</b>	4.81	4.35	3.99	3.70	3.46	3.26	3.07
<b>152.5</b>	5.27	4.72	4.27	3.97	3.73	3.51	3.32
<b>155.0</b>	5.87	5.29	4.79	4.45	4.19	3.94	3.76
<b>157.5</b>	6.78	6.13	5.59	5.15	4.81	4.54	4.32
<b>160.0</b>	8.02	7.30	6.66	6.19	5.82	5.55	5.35
<b>162.5</b>	9.58	8.75	8.11	7.60	7.17	6.84	6.60
<b>165.0</b>	11.99	11.00	10.20	9.50	9.06	8.74	8.52
<b>167.5</b>	16.88	15.30	14.12	13.38	12.61	12.17	11.94
<b>170.0</b>	24.59	23.23	21.70	20.63	19.84	19.34	19.12
<b>172.5</b>	32.43	31.39	30.68	29.72	29.14	28.77	28.61
<b>175.0</b>	38.09	37.68	37.15	36.79	36.51	36.32	36.23
<b>177.5</b>	42.83	42.55	42.32	42.13	41.99	41.89	41.84
<b>180.0</b>	49.00	49.00	49.00	49.00	49.00	49.00	49.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXCR-CW-277E5-35WH-1.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	0.05	N.A.	0.00
0-30	0.19	N.A.	0.00
0-40	0.54	N.A.	0.10
0-60	3.00	N.A.	0.70
0-80	24.13	N.A.	5.50
0-90	64.56	N.A.	14.80
10-90	64.56	N.A.	14.80
20-40	0.49	N.A.	0.10
20-50	1.26	N.A.	0.30
40-70	6.73	N.A.	1.50
60-80	21.13	N.A.	4.80
70-80	16.87	N.A.	3.90
80-90	40.43	N.A.	9.30
90-110	120.34	N.A.	27.60
90-120	184.63	N.A.	42.40
90-130	241.41	N.A.	55.40
90-150	326.37	N.A.	74.90
90-180	371.31	N.A.	85.20
110-180	250.98	N.A.	57.60
0-180	435.88	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	0.01
10-20	0.04
20-30	0.14
30-40	0.35
40-50	0.77
50-60	1.69
60-70	4.26
70-80	16.87
80-90	40.43
90-100	55.81
100-110	64.53
110-120	64.29
120-130	56.78
130-140	47.68
140-150	37.28
150-160	25.57
160-170	14.53
170-180	4.84

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXCR-CW-277E5-35WH-1.IES**

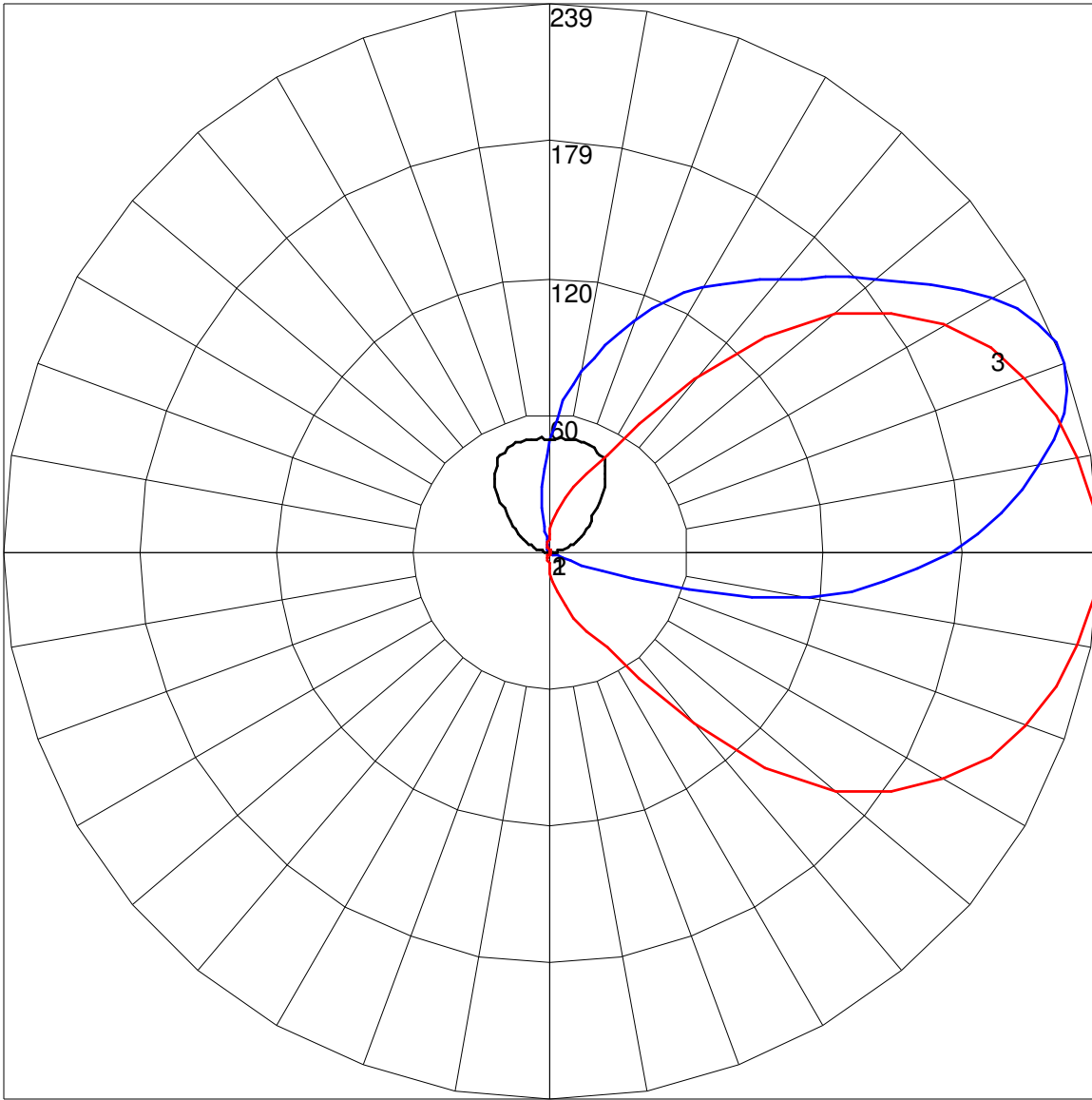
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	99	99	99	99	87	87	87	87	64	64	64	43	43	43	24	24	24	15
1	86	80	75	70	75	70	65	61	50	47	44	32	30	28	15	14	12	4
2	77	69	62	56	67	60	54	48	42	38	35	27	24	21	12	10	9	2
3	70	60	52	45	60	52	45	40	37	32	28	23	20	17	10	8	7	1
4	64	53	44	38	55	46	39	33	32	27	24	20	17	14	9	7	5	1
5	58	47	38	32	50	40	33	28	29	24	20	18	15	12	8	6	5	0
6	54	41	33	27	46	36	29	24	26	21	17	16	13	10	7	5	4	0
7	49	37	29	24	43	32	25	21	23	18	15	15	11	9	7	5	3	0
8	46	33	26	20	39	29	23	18	21	16	13	13	10	8	6	4	3	0
9	42	30	23	18	37	26	20	16	19	14	11	12	9	7	6	4	3	0
10	39	28	21	16	34	24	18	14	17	13	10	11	8	6	5	3	2	0



POLAR GRAPH



Maximum Candela = 239.07 Located At Horizontal Angle = 0, Vertical Angle = 110  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 3 - Horizontal Cone Through Vertical Angle (110) (Through Max. Cd.)