

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXC-CW-0-277E8-35WH-1.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 3609-2.0  
 [ECN] 3658  
 [TESTLAB] Tempo LLC  
 [ISSUEDATE] 10/26/2018 3:16:15 PM  
 [MANUFAC] Tempo LLC  
 [LUMCAT] pFXC-CW-0-277E8-35WH-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] 277.04 VAC, 0.03 A, 0.9253 PF, 8% ATHD

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	688
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	8.08
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)	0.42 ft
Luminous Width (90-270)	0.92 ft
Luminous Height	0.42 ft



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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	77	102	37
55	139	188	44
65	353	361	58
75	2403	860	84
85	6305	2851	136

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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>	0.59	0.61	0.62	0.62	0.62	0.65	0.67	0.69	0.71	0.72
<b>20.0</b>	1.34	1.39	1.41	1.43	1.44	1.42	1.38	1.31	1.24	1.15
<b>30.0</b>	2.14	2.25	2.32	2.36	2.39	2.46	2.48	2.42	2.33	2.20
<b>40.0</b>	3.12	3.40	3.60	3.85	4.08	4.19	4.26	4.23	4.01	3.78
<b>45.0</b>	3.84	4.21	4.48	4.94	5.23	5.53	5.67	5.57	5.46	5.17
<b>50.0</b>	4.91	5.34	5.78	6.33	6.80	7.24	7.46	7.55	7.38	6.87
<b>55.0</b>	6.88	7.34	7.91	8.45	9.08	9.49	9.89	9.89	9.86	9.44
<b>60.0</b>	10.34	10.81	11.46	12.17	12.61	13.22	13.35	13.53	13.18	12.53
<b>65.0</b>	16.64	17.12	17.79	18.40	18.98	19.22	19.13	18.79	18.47	17.34
<b>67.5</b>	24.92	25.29	25.60	25.38	24.24	24.79	23.25	23.46	21.92	20.03
<b>70.0</b>	40.94	41.61	40.34	39.06	37.05	33.28	33.15	29.51	26.64	24.90
<b>72.5</b>	65.29	64.81	62.87	58.95	56.16	52.93	46.55	41.25	38.15	31.25
<b>75.0</b>	104.27	101.70	98.26	94.86	86.56	79.57	70.60	64.62	51.80	38.15
<b>77.5</b>	153.13	148.97	143.87	136.95	129.16	116.41	106.88	91.21	72.45	54.36
<b>80.0</b>	194.97	191.27	186.46	179.88	170.35	158.48	144.32	124.20	104.03	75.03
<b>82.5</b>	222.64	219.82	216.39	211.34	204.14	191.26	174.20	157.63	136.94	97.22
<b>85.0</b>	242.03	239.41	236.69	232.90	226.17	214.27	201.57	185.00	159.21	112.27
<b>87.5</b>	260.80	257.16	254.70	250.78	244.37	233.07	218.64	201.29	175.31	125.75
<b>90.0</b>	276.33	275.13	272.81	268.76	261.92	249.90	234.17	216.24	189.48	136.84
<b>92.5</b>	295.52	291.02	288.86	284.58	277.07	264.57	248.38	229.61	202.35	148.92
<b>95.0</b>	311.09	307.04	304.17	299.38	291.56	278.39	261.39	241.77	213.18	158.15
<b>97.5</b>	326.07	322.53	318.87	313.76	305.39	291.53	273.69	252.97	224.04	167.00
<b>100.0</b>	339.83	336.92	332.52	326.98	318.10	303.55	285.34	263.16	232.93	176.86
<b>102.5</b>	351.56	349.03	344.54	339.00	329.30	314.41	294.51	271.90	241.79	185.66
<b>105.0</b>	360.94	358.24	354.25	347.84	338.32	322.50	302.22	278.12	246.32	193.18
<b>107.5</b>	367.25	364.80	361.23	354.91	344.29	328.04	307.14	283.09	250.86	200.25
<b>110.0</b>	369.93	368.04	364.67	357.98	347.39	331.08	309.14	284.28	254.14	205.22
<b>112.5</b>	369.71	368.57	364.75	357.72	347.53	329.77	309.02	282.83	252.47	210.85
<b>115.0</b>	365.45	364.45	360.82	353.91	342.46	326.34	304.64	280.62	250.00	210.85
<b>117.5</b>	356.99	356.40	352.86	345.93	334.62	319.33	298.06	274.72	247.66	212.18
<b>120.0</b>	345.12	344.84	341.24	334.43	324.09	308.90	290.09	268.07	244.04	215.24
<b>122.5</b>	331.50	331.08	327.85	321.46	312.05	297.95	281.94	261.45	239.05	213.97
<b>125.0</b>	316.59	316.69	313.62	307.97	299.22	287.64	272.46	254.95	234.34	211.08
<b>127.5</b>	302.92	302.77	299.99	295.09	287.46	277.54	263.86	247.80	230.50	208.94
<b>130.0</b>	289.83	289.63	287.44	283.35	276.68	267.68	255.74	240.98	225.27	208.15
<b>132.5</b>	277.67	277.80	275.83	272.66	266.36	258.38	247.68	234.77	220.42	205.82
<b>135.0</b>	266.88	267.00	265.26	261.71	256.85	249.44	239.98	229.27	216.59	202.88
<b>137.5</b>	256.15	256.44	255.11	252.14	248.14	241.56	233.32	223.85	213.18	200.04
<b>140.0</b>	246.08	246.51	245.50	243.11	239.37	234.82	227.27	218.45	208.47	196.77
<b>142.5</b>	237.34	237.75	237.06	235.26	231.91	227.47	221.29	212.98	202.91	192.34
<b>145.0</b>	229.25	229.66	229.11	227.39	224.25	219.82	214.19	206.20	197.23	187.58
<b>147.5</b>	221.09	221.44	220.95	219.13	215.95	211.51	206.13	199.97	191.54	182.45
<b>150.0</b>	212.21	212.44	211.71	209.97	206.99	203.16	198.11	192.43	185.90	177.66
<b>152.5</b>	202.88	202.97	202.21	200.59	198.16	194.33	189.95	184.94	179.24	172.69
<b>155.0</b>	193.00	193.15	192.50	191.13	188.89	185.90	182.00	177.36	172.03	165.84
<b>157.5</b>	183.50	183.98	183.03	181.75	179.77	177.34	173.69	169.36	164.33	158.63
<b>160.0</b>	174.12	174.51	173.65	172.47	170.68	168.13	164.97	160.97	156.45	151.42
<b>162.5</b>	164.85	165.04	164.13	162.94	161.48	158.81	155.88	152.53	148.44	143.82
<b>165.0</b>	154.18	154.37	153.54	152.58	150.98	148.88	146.59	143.34	140.16	135.83
<b>167.5</b>	142.83	143.05	142.34	141.43	140.07	138.31	136.17	133.59	130.39	126.88
<b>170.0</b>	131.06	131.25	130.61	129.77	128.60	127.15	125.27	122.98	120.28	117.23
<b>172.5</b>	118.15	118.29	117.82	117.20	116.27	114.98	113.44	111.62	109.59	107.37
<b>175.0</b>	104.76	104.86	104.94	104.20	103.65	102.91	101.98	100.89	99.60	98.14

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**CANDELA TABULATION - (Cont.)**

<b>177.5</b>	92.54	92.58	92.62	92.65	91.95	91.58	91.12	90.59	90.39	89.35
<b>180.0</b>	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

**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>	0.76	0.76	0.77	0.78	0.77	0.77	0.76	0.78	0.80	0.76
<b>20.0</b>	1.07	1.00	0.93	0.93	0.97	0.97	0.99	1.00	0.99	0.98
<b>30.0</b>	2.03	1.87	1.67	1.39	1.18	1.13	1.15	1.19	1.19	1.15
<b>40.0</b>	3.52	3.21	2.83	2.41	1.99	1.47	1.31	1.32	1.32	1.25
<b>45.0</b>	4.67	4.13	3.66	3.11	2.60	1.96	1.40	1.36	1.35	1.29
<b>50.0</b>	6.33	5.56	4.80	4.08	3.29	2.53	1.58	1.41	1.37	1.34
<b>55.0</b>	8.55	7.38	6.32	5.28	4.34	3.30	2.15	1.53	1.48	1.41
<b>60.0</b>	11.68	10.30	8.66	6.97	5.49	4.25	2.82	1.64	1.58	1.45
<b>65.0</b>	15.56	13.69	11.69	9.39	7.23	5.46	3.70	1.99	1.70	1.56
<b>67.5</b>	18.34	16.08	13.61	10.92	8.34	6.11	4.17	2.20	1.76	1.62
<b>70.0</b>	21.62	18.60	15.59	12.47	9.42	6.76	4.65	2.43	1.81	1.68
<b>72.5</b>	25.22	21.26	17.65	14.21	10.78	7.63	5.13	2.75	1.94	1.78
<b>75.0</b>	29.85	24.65	20.38	16.35	12.31	8.63	5.60	3.07	2.07	1.89
<b>77.5</b>	37.66	28.61	23.20	18.52	13.89	9.60	6.08	3.38	2.19	1.99
<b>80.0</b>	46.46	32.75	26.05	20.69	15.47	10.61	6.55	3.71	2.32	2.09
<b>82.5</b>	55.87	37.10	29.12	23.15	17.42	12.02	7.52	4.06	2.46	2.21
<b>85.0</b>	64.34	41.80	32.40	25.76	19.56	13.55	8.41	4.40	2.60	2.33
<b>87.5</b>	72.78	46.54	35.68	28.35	21.50	14.95	9.29	4.76	2.74	2.44
<b>90.0</b>	79.91	50.84	38.76	30.82	23.44	16.34	10.18	5.10	2.87	2.56
<b>92.5</b>	88.50	56.24	42.27	33.66	25.91	18.50	12.01	6.64	3.90	3.19
<b>95.0</b>	95.28	60.96	45.52	36.35	28.37	20.65	13.83	8.19	4.93	3.81
<b>97.5</b>	101.31	65.37	48.67	38.98	30.57	22.60	15.65	9.72	5.96	4.45
<b>100.0</b>	110.79	71.04	52.09	41.58	32.85	24.63	17.31	11.26	6.98	5.09
<b>102.5</b>	119.09	76.66	55.53	44.15	35.15	26.95	19.65	13.29	8.91	6.69
<b>105.0</b>	125.69	81.48	58.55	46.56	37.36	29.27	21.95	15.37	10.85	8.29
<b>107.5</b>	135.23	87.67	61.21	48.81	39.54	31.50	24.20	17.44	12.78	9.91
<b>110.0</b>	145.12	96.50	67.30	52.02	41.89	33.76	26.40	19.46	14.71	11.53
<b>112.5</b>	154.36	103.69	72.44	55.38	44.57	36.12	28.50	21.72	16.86	13.54
<b>115.0</b>	159.99	109.14	76.87	58.18	46.88	38.39	30.56	23.94	19.01	15.55
<b>117.5</b>	166.64	119.85	83.42	60.60	49.16	40.53	32.60	26.23	21.16	17.52
<b>120.0</b>	174.48	131.01	95.27	70.44	54.58	43.74	34.92	28.32	23.31	19.49
<b>122.5</b>	183.02	142.08	106.39	79.45	61.54	48.60	38.89	31.47	25.89	21.71
<b>125.0</b>	183.33	150.20	115.58	87.53	67.80	53.12	42.42	34.51	28.47	24.01
<b>127.5</b>	184.07	154.77	124.00	94.92	73.32	57.21	46.09	37.57	31.04	26.17
<b>130.0</b>	186.39	160.57	132.83	106.28	83.36	64.39	50.61	40.69	33.62	28.58
<b>132.5</b>	190.27	167.52	142.09	117.49	95.11	76.03	61.33	49.32	40.40	33.93
<b>135.0</b>	188.09	172.84	151.87	128.53	106.55	87.59	71.63	57.73	47.18	39.45
<b>137.5</b>	185.87	170.82	155.02	137.98	117.56	98.72	81.46	65.96	53.97	44.95
<b>140.0</b>	183.75	169.15	154.47	138.44	121.91	106.31	90.22	73.79	60.75	50.57
<b>142.5</b>	180.69	167.91	154.07	139.56	123.75	108.88	92.95	77.64	64.84	54.55
<b>145.0</b>	177.01	166.43	153.59	139.83	125.57	111.27	95.90	81.42	68.94	58.39
<b>147.5</b>	172.95	163.23	151.97	140.57	127.29	113.31	98.80	85.12	73.04	62.44
<b>150.0</b>	168.85	159.08	148.95	138.16	126.83	114.48	101.27	88.56	77.13	66.44
<b>152.5</b>	164.15	155.04	145.63	135.55	124.58	112.74	100.60	89.15	78.40	68.24
<b>155.0</b>	158.89	150.87	142.22	132.75	121.97	111.02	100.03	89.66	79.67	70.11
<b>157.5</b>	152.42	145.72	138.33	129.20	119.35	109.31	99.42	90.54	80.94	72.05
<b>160.0</b>	145.76	139.54	132.46	124.24	115.91	107.32	99.09	90.48	82.21	74.05
<b>162.5</b>	138.72	133.23	126.12	119.07	112.07	104.28	96.69	89.53	82.21	74.98
<b>165.0</b>	130.99	125.63	120.18	113.58	107.28	100.91	94.66	88.53	82.21	75.98

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167.5	122.85	118.24	113.26	108.12	102.99	97.76	92.62	87.55	82.21	77.35
170.0	114.30	110.20	106.58	102.65	99.11	94.58	90.64	86.56	82.20	77.98
172.5	105.03	102.51	99.79	96.92	94.04	91.39	88.21	85.06	81.81	78.58
175.0	96.59	94.96	93.29	91.44	89.62	87.72	85.71	83.90	81.43	79.21
177.5	88.65	88.18	87.04	86.17	85.22	84.21	83.51	82.11	81.03	79.92
180.0	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

**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	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	1.34	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	1.37	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	1.46	1.32	1.21	1.17	0.00	0.00	0.00	0.00	0.00	0.00
67.5	1.49	1.35	1.24	1.18	0.00	0.00	0.00	0.00	0.00	0.00
70.0	1.53	1.37	1.29	1.22	0.00	0.00	0.00	0.00	0.00	0.00
72.5	1.61	1.45	1.34	1.25	0.00	0.00	0.00	0.00	0.00	0.00
75.0	1.70	1.53	1.40	1.28	0.00	0.00	0.00	0.00	0.00	0.00
77.5	1.79	1.61	1.45	1.31	1.18	0.00	0.00	0.00	0.00	0.00
80.0	1.87	1.68	1.51	1.33	1.18	1.13	0.00	0.00	0.00	0.00
82.5	1.97	1.76	1.56	1.35	1.19	1.13	0.00	0.00	0.00	0.00
85.0	2.06	1.83	1.60	1.37	1.22	1.13	0.00	0.00	0.00	0.00
87.5	2.16	1.89	1.64	1.39	1.24	1.14	0.00	0.00	0.00	0.00
90.0	2.26	1.96	1.68	1.41	1.27	1.16	1.12	1.05	0.00	0.00
92.5	2.61	2.21	1.87	1.56	1.36	1.21	1.14	1.07	0.00	0.00
95.0	2.97	2.47	2.07	1.71	1.47	1.25	1.16	1.10	1.00	0.97
97.5	3.34	2.72	2.28	1.87	1.56	1.31	1.17	1.13	1.00	0.97
100.0	3.75	3.03	2.54	2.14	1.78	1.46	1.28	1.18	1.05	0.97
102.5	4.75	3.66	3.00	2.54	2.15	1.68	1.40	1.24	1.10	1.01
105.0	5.78	4.32	3.49	2.96	2.54	1.89	1.54	1.33	1.19	1.03
107.5	6.87	5.00	4.01	3.36	2.93	2.16	1.76	1.47	1.29	1.07
110.0	8.03	5.89	4.74	3.99	3.47	2.54	2.03	1.66	1.40	1.14
112.5	9.94	7.16	5.78	4.76	4.02	2.96	2.38	1.87	1.58	1.26
115.0	11.95	8.55	6.89	5.57	4.66	3.37	2.71	2.10	1.76	1.45
117.5	13.93	9.96	8.00	6.40	5.39	4.16	3.16	2.38	1.98	1.65
120.0	16.00	11.54	9.17	7.38	6.23	5.05	3.70	2.68	2.23	1.82
122.5	17.92	13.33	10.43	8.41	7.07	5.93	4.36	3.16	2.53	2.11
125.0	19.84	15.30	11.77	9.57	8.03	6.73	5.07	3.81	3.02	2.49
127.5	21.79	17.42	13.22	10.85	8.78	7.18	5.61	4.38	3.68	2.94
130.0	24.01	19.47	14.61	11.70	9.49	7.78	6.06	4.83	4.12	3.48
132.5	27.50	21.39	16.12	12.71	10.28	8.60	6.63	5.33	4.54	3.98
135.0	31.59	23.67	17.86	13.88	11.21	9.41	7.49	6.03	4.98	4.42
137.5	35.84	26.28	19.80	15.41	12.14	10.13	8.52	7.06	5.59	5.00
140.0	40.61	29.31	21.79	16.78	13.21	10.89	9.41	8.09	6.64	5.61
142.5	45.24	32.81	24.02	18.52	14.57	11.82	10.24	8.82	7.44	6.35
145.0	49.35	36.92	26.67	20.63	16.26	13.08	10.84	9.36	8.14	7.05
147.5	53.78	41.70	30.50	23.05	18.18	14.32	11.67	9.97	8.70	7.66
150.0	57.86	46.66	34.06	25.40	19.86	15.86	12.90	10.81	9.41	8.20
152.5	60.47	50.68	38.97	28.66	22.21	17.82	14.57	12.19	10.28	8.94
155.0	62.34	54.40	43.66	33.23	25.45	20.40	16.66	13.82	11.64	10.02

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXC-CW-0-277E8-35WH-1.IES**

**CANDELA TABULATION - (Cont.)**

157.5	64.58	57.85	49.24	38.97	30.33	23.66	19.25	16.03	13.64	11.66
160.0	66.83	61.11	53.83	44.93	36.05	28.67	23.05	19.07	16.26	14.08
162.5	68.42	62.95	57.42	50.68	42.91	35.51	29.21	24.13	20.23	17.50
165.0	70.50	65.15	60.88	55.64	49.90	43.74	37.88	32.31	27.45	23.64
167.5	72.01	67.52	63.58	59.78	55.81	51.37	46.59	41.67	37.45	33.28
170.0	73.91	70.47	66.65	63.53	60.55	57.54	54.47	51.46	47.95	44.75
172.5	75.46	72.47	70.02	67.20	64.92	62.76	60.71	58.74	56.85	55.04
175.0	77.09	75.01	73.05	71.24	69.55	67.97	66.54	65.38	64.08	63.37
177.5	78.80	77.74	76.70	75.97	74.72	73.79	72.97	72.24	71.58	71.18
180.0	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00

**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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.88	0.79	0.00	0.00	0.00	0.00	0.00
100.0	0.90	0.79	0.70	0.00	0.00	0.00	0.00
102.5	0.90	0.79	0.70	0.63	0.60	0.00	0.00
105.0	0.90	0.78	0.73	0.63	0.61	0.52	0.00
107.5	0.96	0.81	0.71	0.63	0.57	0.54	0.54
110.0	1.04	0.86	0.73	0.65	0.61	0.54	0.54
112.5	1.13	0.93	0.79	0.68	0.63	0.52	0.60
115.0	1.22	1.04	0.88	0.74	0.71	0.55	0.74
117.5	1.37	1.19	1.00	0.82	0.74	0.65	1.01
120.0	1.57	1.37	1.17	0.99	0.85	0.86	1.27
122.5	1.80	1.58	1.40	1.24	1.15	1.21	1.56
125.0	2.13	1.88	1.72	1.54	1.54	1.69	2.01
127.5	2.60	2.36	2.14	1.97	1.93	2.10	2.47
130.0	3.21	2.70	2.56	2.47	2.34	2.49	2.86
132.5	3.58	3.11	2.82	2.84	2.82	2.88	3.10
135.0	3.97	3.53	3.20	3.31	3.39	3.19	3.14
137.5	4.57	4.05	3.76	3.78	3.81	3.55	3.34
140.0	5.28	4.84	4.37	4.22	4.12	3.86	3.65
142.5	5.86	5.40	4.88	4.59	4.36	4.09	3.84
145.0	6.30	5.63	5.12	4.73	4.42	4.13	3.84

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXC-CW-0-277E8-35WH-1.IES**

**CANDELA TABULATION - (Cont.)**

<b>147.5</b>	6.70	5.95	5.36	4.86	4.48	4.14	3.82
<b>150.0</b>	7.20	6.36	5.71	5.17	4.76	4.34	3.98
<b>152.5</b>	7.85	6.90	6.16	5.59	5.17	4.75	4.40
<b>155.0</b>	8.80	7.79	6.92	6.32	5.82	5.37	5.01
<b>157.5</b>	10.19	9.07	8.23	7.44	6.83	6.36	5.99
<b>160.0</b>	12.34	11.01	9.90	9.06	8.39	7.87	7.47
<b>162.5</b>	15.66	13.94	12.64	11.62	10.83	10.23	9.80
<b>165.0</b>	20.61	18.57	16.98	15.60	14.72	14.07	13.65
<b>167.5</b>	29.89	27.10	24.90	23.48	21.92	21.05	20.60
<b>170.0</b>	41.83	39.53	37.10	35.42	34.16	33.32	32.91
<b>172.5</b>	53.38	51.74	50.57	49.17	48.29	47.70	47.41
<b>175.0</b>	62.08	61.38	60.53	59.93	59.48	59.18	59.02
<b>177.5</b>	70.44	69.98	69.59	69.27	69.03	68.87	68.79
<b>180.0</b>	80.00	80.00	80.00	80.00	80.00	80.00	80.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXC-CW-0-277E8-35WH-1.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	0.17	N.A.	0.00
0-30	0.56	N.A.	0.10
0-40	1.40	N.A.	0.20
0-60	6.39	N.A.	0.90
0-80	41.29	N.A.	6.00
0-90	105.53	N.A.	15.30
10-90	105.51	N.A.	15.30
20-40	1.23	N.A.	0.20
20-50	2.89	N.A.	0.40
40-70	12.47	N.A.	1.80
60-80	34.90	N.A.	5.10
70-80	27.42	N.A.	4.00
80-90	64.24	N.A.	9.30
90-110	185.11	N.A.	26.90
90-120	284.28	N.A.	41.30
90-130	372.54	N.A.	54.20
90-150	508.58	N.A.	74.00
90-180	582.12	N.A.	84.70
110-180	397.01	N.A.	57.70
0-180	687.65	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	0.02
10-20	0.15
20-30	0.39
30-40	0.84
40-50	1.66
50-60	3.33
60-70	7.48
70-80	27.42
80-90	64.24
90-100	86.02
100-110	99.09
110-120	99.17
120-130	88.26
130-140	75.70
140-150	60.34
150-160	41.76
160-170	23.93
170-180	7.85

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PFXC-CW-0-277E8-35WH-1.IES**

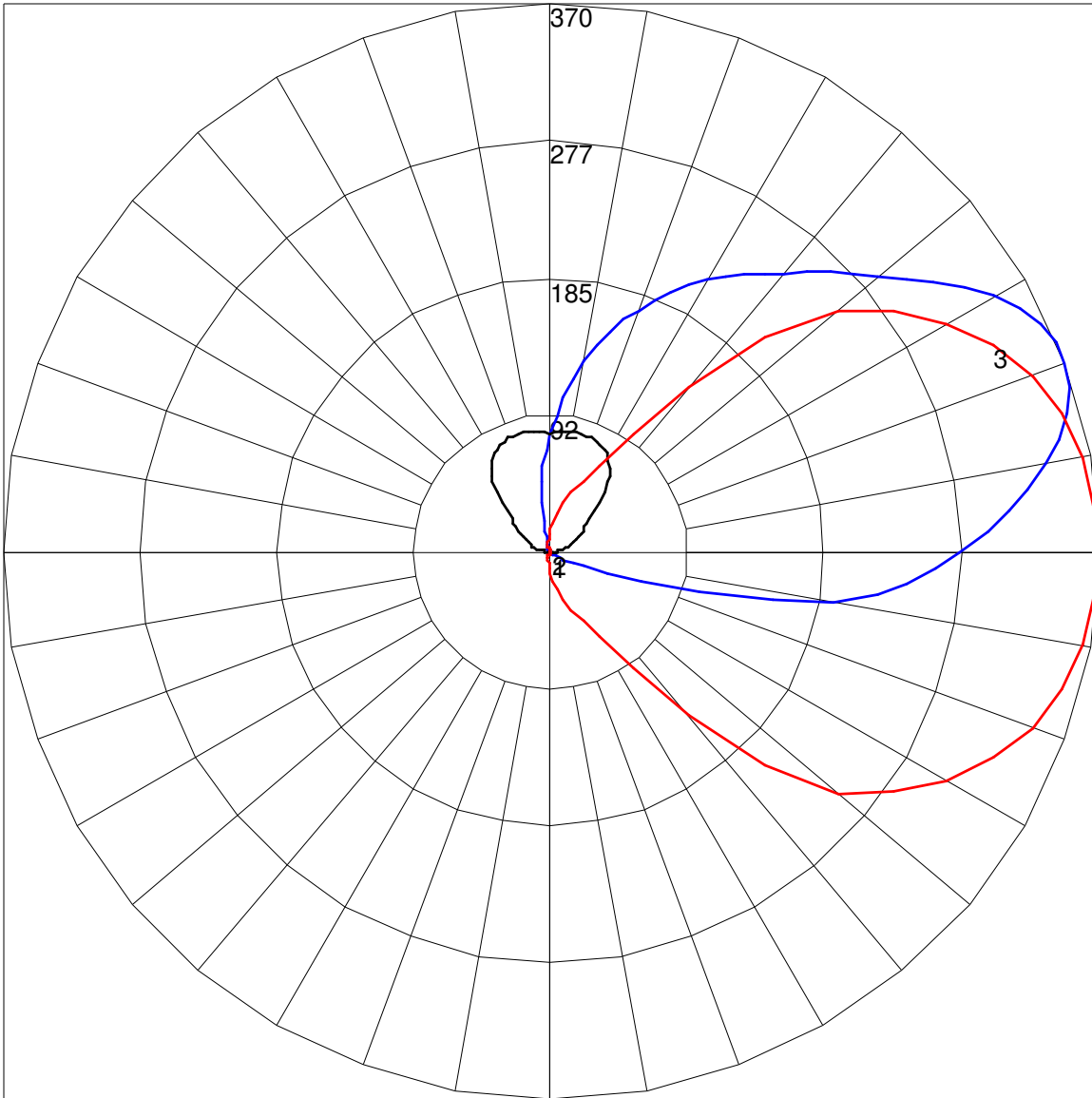
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	13	5
2	77	69	62	56	67	60	54	48	43	38	35	27	24	21	12	10	9	2
3	70	60	52	45	61	52	45	40	37	32	28	23	20	17	10	8	7	1
4	64	53	44	38	55	46	38	33	32	28	24	20	17	14	9	7	6	1
5	58	46	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	20	16	34	24	18	14	17	13	10	11	8	6	5	4	2	0



POLAR GRAPH



Maximum Candela = 369.93 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.)