

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PFXCR-CW-277E8-35WH-1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 3281
 [ECN] 3075
 [TESTLAB] Tempo LLC
 [ISSUEDATE] 11/2/2017 1:04:15 PM
 [MANUFAC] Tempo LLC
 [LUMCAT] pFXCR-CW-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] 277.08 VAC, 0.03 A, 0.9874 PF, 11% ATHD

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	652
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	8.02
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	521	704	275
55	1086	1544	425
65	3092	3479	779
75	21270	10426	1716
85	57192	38088	5414

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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>
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17
20.0	0.49	0.50	0.50	0.50	0.50	0.49	0.47	0.44	0.42	0.40
30.0	1.08	1.11	1.12	1.14	1.15	1.16	1.13	1.09	1.03	0.97
40.0	1.96	2.07	2.16	2.28	2.38	2.41	2.41	2.36	2.24	2.08
45.0	2.61	2.79	2.92	3.14	3.28	3.40	3.45	3.37	3.28	3.07
50.0	3.53	3.79	4.02	4.31	4.54	4.72	4.78	4.83	4.72	4.41
55.0	5.36	5.63	5.95	6.21	6.52	6.66	6.78	6.65	6.63	6.45
60.0	8.45	8.78	9.18	9.55	9.70	9.87	9.74	9.66	9.28	9.00
65.0	14.56	14.94	15.35	15.52	15.64	15.46	14.94	14.33	13.94	13.47
67.5	22.18	22.73	22.80	22.26	20.80	20.80	18.87	18.60	17.08	16.11
70.0	35.97	37.14	36.10	34.68	32.56	28.94	27.98	24.30	21.48	21.44
72.5	57.54	58.18	56.67	52.92	50.20	46.73	40.46	35.25	32.44	28.21
75.0	92.31	91.93	88.98	85.65	77.91	71.63	62.40	56.73	45.98	35.94
77.5	134.91	133.63	129.73	123.69	116.15	104.98	95.52	81.87	65.53	51.73
80.0	172.37	170.73	166.70	160.77	152.75	142.34	130.30	111.62	93.77	72.28
82.5	199.25	197.95	194.39	189.50	183.01	172.66	157.92	142.27	124.35	95.14
85.0	219.55	218.35	215.37	211.12	204.96	195.47	184.42	169.00	146.78	111.15
87.5	240.87	238.93	236.10	231.77	225.05	216.17	204.17	187.69	164.28	126.24
90.0	261.98	260.70	258.21	253.45	246.12	236.45	223.26	205.99	180.61	139.89
92.5	280.16	276.90	273.86	268.62	260.70	250.67	237.02	218.78	192.79	151.33
95.0	296.04	292.56	289.16	283.40	275.19	264.31	249.74	230.47	203.04	160.18
97.5	310.91	308.51	304.48	298.15	289.39	277.94	262.08	241.84	213.50	168.48
100.0	325.45	323.01	318.85	312.32	303.05	290.43	273.88	252.32	222.49	177.15
102.5	338.77	336.35	331.86	325.19	314.94	301.79	283.64	261.12	231.28	185.24
105.0	349.66	347.15	342.25	334.34	324.33	310.36	291.89	267.23	235.96	192.00
107.5	356.62	354.07	349.29	341.47	330.50	315.55	296.37	271.81	240.65	196.63
110.0	360.24	357.67	352.71	344.35	333.05	318.04	297.70	272.83	243.53	198.97
112.5	360.18	357.42	352.21	343.90	332.34	316.10	296.85	271.57	241.80	202.42
115.0	355.09	352.69	347.83	339.22	327.11	311.79	291.91	269.33	239.18	202.63
117.5	346.15	343.99	339.35	331.29	319.53	304.63	285.42	262.74	236.84	203.43
120.0	333.72	332.47	327.98	319.97	309.55	294.77	277.49	255.70	232.95	204.72
122.5	319.26	318.33	314.32	307.30	297.65	283.86	268.49	249.04	227.39	202.58
125.0	304.35	303.42	299.87	293.58	284.50	273.39	258.54	242.04	222.14	199.15
127.5	289.73	289.10	285.84	280.68	272.75	262.73	249.54	234.44	218.11	196.54
130.0	276.90	276.16	273.33	268.49	261.47	252.35	240.89	227.11	212.00	194.99
132.5	264.36	263.76	260.99	257.23	250.54	242.70	232.63	220.25	205.98	191.61
135.0	252.60	252.05	249.52	245.91	240.59	233.27	224.29	213.51	201.08	188.12
137.5	241.97	241.39	239.23	235.82	231.33	224.58	216.45	207.12	197.19	185.24
140.0	231.42	231.17	229.39	226.56	222.29	216.91	209.84	201.64	192.64	182.31
142.5	222.67	222.34	220.96	218.55	214.69	210.02	203.96	196.50	187.49	178.35
145.0	214.60	214.35	213.18	211.09	207.61	202.99	197.44	190.20	182.16	173.32
147.5	206.51	206.40	205.54	203.28	199.91	195.43	190.08	184.09	176.37	167.73
150.0	198.02	197.86	196.82	194.70	191.43	187.48	182.68	177.09	170.29	162.24
152.5	188.73	188.54	187.51	185.72	183.14	179.64	175.11	169.63	163.48	155.95
155.0	180.00	179.78	178.82	177.22	174.72	171.22	167.03	161.79	155.68	148.90
157.5	170.15	170.38	169.28	167.64	165.28	162.27	158.25	153.26	147.73	142.06
160.0	159.77	160.01	158.86	157.43	155.27	152.43	148.96	144.97	140.37	135.06
162.5	148.84	149.05	148.17	146.97	145.60	143.09	140.36	136.87	132.74	128.40
165.0	138.81	138.99	138.24	137.34	135.66	133.78	131.44	128.49	125.77	121.84
167.5	128.91	128.99	128.22	127.29	126.13	124.62	122.66	120.31	117.68	114.76
170.0	118.92	118.98	118.45	117.77	116.78	115.45	113.89	112.10	110.03	107.62
172.5	108.85	108.91	108.45	107.86	107.04	106.00	104.78	103.19	101.53	99.57
175.0	97.53	97.58	97.63	96.88	96.32	95.58	94.69	93.64	92.49	91.23

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177.5	86.08	86.11	86.12	86.15	85.40	84.99	84.50	83.93	83.70	82.54
180.0	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00

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>
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.16
20.0	0.37	0.34	0.30	0.29	0.31	0.32	0.33	0.33	0.32	0.30
30.0	0.89	0.80	0.71	0.59	0.50	0.47	0.47	0.47	0.47	0.47
40.0	1.94	1.73	1.50	1.26	1.02	0.76	0.63	0.61	0.63	0.63
45.0	2.77	2.45	2.11	1.76	1.43	1.08	0.75	0.70	0.72	0.70
50.0	4.04	3.55	3.01	2.50	1.98	1.51	0.92	0.81	0.80	0.77
55.0	5.96	5.07	4.27	3.50	2.80	2.10	1.36	0.95	0.92	0.88
60.0	8.79	7.73	6.38	5.02	3.84	2.90	1.92	1.11	1.04	1.02
65.0	12.71	11.22	9.50	7.46	5.57	4.06	2.70	1.47	1.28	1.21
67.5	15.75	14.09	11.76	9.20	6.75	4.74	3.14	1.69	1.41	1.31
70.0	19.82	17.24	14.31	11.08	7.98	5.47	3.61	1.94	1.54	1.41
72.5	24.52	20.64	17.07	13.25	9.61	6.49	4.19	2.25	1.69	1.56
75.0	30.34	24.80	20.32	15.91	11.52	7.69	4.80	2.58	1.84	1.73
77.5	38.99	29.61	23.83	18.73	13.54	8.95	5.44	2.93	2.00	1.90
80.0	49.03	34.77	27.49	21.68	15.66	10.29	6.12	3.31	2.16	2.08
82.5	60.04	40.22	31.39	24.79	18.07	12.03	7.28	3.77	2.34	2.27
85.0	69.26	45.68	35.47	28.05	20.74	13.97	8.41	4.26	2.54	2.46
87.5	78.83	51.32	39.69	31.43	23.26	15.82	9.58	4.76	2.73	2.66
90.0	87.46	56.74	43.87	34.80	25.89	17.76	10.82	5.29	2.93	2.86
92.5	95.55	62.00	47.53	37.74	28.50	20.00	12.71	6.89	3.95	3.46
95.0	101.91	66.60	50.90	40.48	31.11	22.22	14.60	8.50	4.96	4.06
97.5	107.66	70.85	54.14	43.17	33.38	24.23	16.50	10.10	5.97	4.66
100.0	116.63	76.61	57.59	45.84	35.77	26.33	18.21	11.69	6.98	5.27
102.5	124.55	82.36	61.15	48.51	38.27	28.81	20.62	13.81	9.01	6.81
105.0	131.00	87.08	64.28	51.05	40.68	31.27	22.98	16.00	11.05	8.34
107.5	138.74	92.62	67.03	53.39	42.97	33.60	25.31	18.18	13.07	9.88
110.0	146.55	100.54	72.47	56.43	45.48	36.00	27.63	20.32	15.10	11.43
112.5	153.89	107.31	77.01	59.60	48.31	38.66	30.12	22.79	17.33	13.40
115.0	157.85	112.44	80.86	62.30	50.70	41.25	32.57	25.20	19.56	15.38
117.5	162.02	120.29	86.15	64.76	53.18	43.77	34.94	27.68	21.78	17.33
120.0	166.99	128.59	95.92	73.21	58.17	47.16	37.53	29.92	24.01	19.30
122.5	172.39	137.13	105.05	81.03	64.35	51.84	41.84	33.51	26.95	21.73
125.0	172.33	143.68	112.67	88.08	69.93	56.35	45.72	36.99	29.89	24.29
127.5	172.61	146.92	119.44	94.51	74.87	60.60	49.82	40.47	32.83	26.65
130.0	173.97	151.14	126.25	103.18	82.60	66.57	54.13	43.86	35.77	29.26
132.5	176.74	156.25	133.40	111.74	91.27	74.50	61.62	50.28	40.68	33.36
135.0	174.70	160.12	140.97	119.84	99.44	82.30	68.83	56.53	45.59	37.64
137.5	172.53	157.86	143.01	126.62	107.00	89.77	75.75	62.62	50.49	41.85
140.0	170.35	156.21	141.76	125.92	109.62	94.97	82.13	68.42	55.40	46.15
142.5	167.23	154.63	140.17	125.67	110.69	97.33	84.64	71.70	58.79	49.42
145.0	163.12	151.93	138.52	124.85	111.75	99.66	87.39	74.92	62.19	52.53
147.5	158.25	147.58	135.97	124.86	113.06	101.82	90.00	78.08	65.58	55.85
150.0	152.85	142.75	132.56	122.63	112.68	103.11	92.15	81.07	68.98	59.16
152.5	147.28	138.26	129.08	120.12	111.29	102.09	91.92	81.40	70.08	60.77
155.0	141.86	133.84	125.97	117.70	109.76	101.06	91.59	81.64	71.17	62.42
157.5	135.61	129.13	122.41	115.42	108.01	99.91	91.07	82.26	72.27	64.13
160.0	129.64	124.09	118.07	112.15	105.64	98.30	90.73	81.92	73.37	65.87
162.5	123.84	119.04	113.75	108.34	102.80	95.79	88.61	81.16	73.53	66.78
165.0	117.73	113.59	109.44	104.31	98.71	92.87	86.85	80.33	73.70	67.80

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CANDELA TABULATION - (Cont.)

167.5	111.72	108.25	104.29	99.76	94.99	90.19	85.04	79.47	73.87	69.20
170.0	105.34	101.88	98.50	94.86	91.67	87.40	83.12	78.59	74.03	69.92
172.5	97.30	94.93	92.46	89.88	87.06	84.26	80.66	77.24	73.77	70.62
175.0	89.80	88.23	86.51	84.55	82.52	80.40	78.18	76.20	73.52	71.37
177.5	81.73	81.20	79.95	78.97	77.90	76.76	75.95	74.43	73.25	72.16
180.0	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00

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	0.16	0.16	0.15	0.15	0.16	0.16	0.16	0.17	0.17	0.17
20.0	0.28	0.28	0.28	0.29	0.28	0.27	0.26	0.25	0.24	0.22
30.0	0.47	0.45	0.45	0.45	0.43	0.40	0.38	0.35	0.34	0.31
40.0	0.63	0.62	0.64	0.61	0.57	0.56	0.52	0.51	0.48	0.43
45.0	0.69	0.70	0.70	0.66	0.64	0.64	0.60	0.57	0.57	0.53
50.0	0.74	0.77	0.73	0.70	0.69	0.66	0.65	0.70	0.70	0.62
55.0	0.84	0.82	0.78	0.76	0.71	0.72	0.74	0.77	0.78	0.76
60.0	0.95	0.88	0.79	0.79	0.78	0.79	0.81	0.86	0.92	0.90
65.0	1.14	1.02	0.90	0.87	0.87	0.86	0.87	0.92	1.02	1.05
67.5	1.22	1.10	0.97	0.92	0.89	0.89	0.91	0.99	1.05	1.07
70.0	1.32	1.19	1.06	0.98	0.93	0.92	0.95	1.01	1.06	1.13
72.5	1.46	1.30	1.14	1.03	0.97	0.96	0.96	1.01	1.09	1.20
75.0	1.61	1.42	1.25	1.10	1.03	0.99	1.00	1.03	1.14	1.22
77.5	1.76	1.55	1.36	1.17	1.07	1.03	1.05	1.06	1.15	1.24
80.0	1.93	1.69	1.46	1.25	1.10	1.06	1.07	1.09	1.17	1.27
82.5	2.10	1.85	1.58	1.31	1.16	1.09	1.10	1.09	1.21	1.30
85.0	2.29	2.02	1.70	1.40	1.22	1.14	1.12	1.12	1.22	1.32
87.5	2.49	2.21	1.83	1.49	1.28	1.18	1.14	1.14	1.23	1.33
90.0	2.70	2.40	1.97	1.59	1.34	1.22	1.16	1.16	1.24	1.35
92.5	3.03	2.64	2.18	1.75	1.46	1.29	1.21	1.21	1.28	1.34
95.0	3.37	2.88	2.39	1.92	1.58	1.37	1.26	1.26	1.31	1.34
97.5	3.71	3.13	2.61	2.08	1.69	1.45	1.33	1.28	1.34	1.37
100.0	4.09	3.42	2.88	2.31	1.86	1.57	1.41	1.35	1.37	1.39
102.5	4.98	3.98	3.28	2.63	2.15	1.73	1.49	1.41	1.40	1.37
105.0	5.90	4.56	3.69	2.97	2.43	1.88	1.59	1.51	1.43	1.40
107.5	6.87	5.17	4.15	3.29	2.74	2.11	1.75	1.58	1.48	1.42
110.0	7.92	5.96	4.76	3.83	3.18	2.43	1.97	1.69	1.55	1.45
112.5	9.62	7.03	5.62	4.48	3.70	2.78	2.27	1.87	1.66	1.50
115.0	11.43	8.19	6.55	5.19	4.24	3.15	2.61	2.09	1.82	1.62
117.5	13.21	9.40	7.49	5.94	4.89	3.83	3.02	2.36	2.01	1.74
120.0	15.11	10.82	8.52	6.80	5.65	4.60	3.49	2.69	2.27	1.90
122.5	17.04	12.49	9.65	7.78	6.44	5.39	4.14	3.18	2.60	2.18
125.0	19.03	14.28	10.88	8.83	7.33	6.12	4.75	3.71	3.06	2.55
127.5	21.08	16.19	12.23	9.99	8.06	6.60	5.28	4.22	3.62	3.03
130.0	23.23	18.04	13.54	10.80	8.75	7.23	5.77	4.70	4.03	3.51
132.5	25.85	19.70	14.96	11.77	9.53	7.99	6.32	5.25	4.51	3.97
135.0	28.97	21.54	16.52	12.91	10.46	8.76	7.13	5.95	4.99	4.43
137.5	32.12	23.61	18.27	14.38	11.45	9.46	8.04	6.86	5.66	5.08
140.0	35.76	25.96	19.82	15.59	12.42	10.24	8.89	7.78	6.55	5.80
142.5	39.79	28.48	21.40	17.05	13.66	11.18	9.66	8.46	7.36	6.51
145.0	43.38	31.67	23.29	18.70	15.14	12.38	10.36	9.04	8.03	7.17
147.5	47.35	35.51	26.06	20.46	16.78	13.54	11.23	9.71	8.62	7.77
150.0	51.09	39.67	28.82	22.03	18.02	14.83	12.41	10.59	9.38	8.31
152.5	53.66	43.43	32.90	24.42	19.58	16.36	13.81	11.91	10.24	9.04
155.0	55.55	47.23	36.95	27.98	21.87	18.16	15.41	13.24	11.47	10.09

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CANDELA TABULATION - (Cont.)

157.5	57.80	50.80	41.98	32.79	25.52	20.43	17.20	14.86	13.06	11.52
160.0	59.97	54.28	46.67	38.12	30.30	24.14	19.87	16.94	14.92	13.32
162.5	61.35	56.45	50.68	43.75	36.45	29.84	24.50	20.55	17.70	15.65
165.0	63.09	58.67	54.56	49.18	43.21	37.37	32.02	27.02	23.00	20.08
167.5	64.47	60.80	57.40	53.70	49.68	45.09	40.23	35.72	31.85	28.01
170.0	66.17	63.20	60.13	57.45	54.65	51.63	48.53	45.55	41.89	38.82
172.5	67.62	64.95	62.76	60.50	58.57	56.70	54.82	52.94	51.10	49.32
175.0	69.26	67.31	65.50	63.82	62.30	61.03	59.84	58.84	57.78	57.20
177.5	71.08	70.02	68.99	68.26	67.14	66.32	65.54	64.81	64.14	63.74
180.0	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00

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	0.17	0.17	0.17	0.17	0.17	0.17	0.17
20.0	0.21	0.20	0.20	0.20	0.19	0.19	0.19
30.0	0.30	0.31	0.29	0.27	0.28	0.27	0.27
40.0	0.40	0.36	0.34	0.33	0.32	0.32	0.32
45.0	0.47	0.42	0.39	0.38	0.37	0.38	0.38
50.0	0.58	0.52	0.46	0.44	0.42	0.42	0.43
55.0	0.70	0.61	0.52	0.47	0.47	0.47	0.49
60.0	0.83	0.70	0.58	0.53	0.51	0.49	0.49
65.0	0.95	0.79	0.65	0.60	0.57	0.55	0.52
67.5	1.02	0.83	0.65	0.60	0.61	0.56	0.55
70.0	1.06	0.88	0.69	0.62	0.60	0.58	0.53
72.5	1.09	0.90	0.75	0.61	0.61	0.60	0.54
75.0	1.14	0.93	0.77	0.65	0.66	0.62	0.58
77.5	1.16	0.96	0.77	0.69	0.66	0.62	0.61
80.0	1.20	1.00	0.80	0.72	0.68	0.67	0.63
82.5	1.22	1.04	0.81	0.70	0.69	0.68	0.64
85.0	1.24	1.05	0.81	0.68	0.67	0.69	0.65
87.5	1.24	1.05	0.80	0.69	0.69	0.74	0.59
90.0	1.25	1.07	0.82	0.70	0.70	0.74	0.69
92.5	1.25	1.05	0.80	0.75	0.70	0.73	0.53
95.0	1.27	1.04	0.80	0.69	0.68	0.68	0.53
97.5	1.28	1.05	0.85	0.67	0.66	0.62	0.53
100.0	1.30	1.06	0.83	0.65	0.64	0.59	0.53
102.5	1.29	1.07	0.83	0.65	0.61	0.58	0.49
105.0	1.28	1.07	0.84	0.68	0.60	0.59	0.50
107.5	1.28	1.07	0.84	0.71	0.63	0.59	0.49
110.0	1.30	1.07	0.86	0.68	0.63	0.59	0.50
112.5	1.35	1.12	0.89	0.72	0.63	0.65	0.58
115.0	1.43	1.20	0.98	0.85	0.69	0.68	0.86
117.5	1.55	1.31	1.08	0.92	0.78	0.76	1.06
120.0	1.66	1.45	1.23	1.05	0.96	0.95	1.36
122.5	1.90	1.68	1.47	1.29	1.24	1.32	1.68
125.0	2.23	1.98	1.85	1.65	1.62	1.79	2.12
127.5	2.74	2.43	2.28	2.17	2.06	2.26	2.65
130.0	3.26	2.87	2.71	2.69	2.59	2.75	3.07
132.5	3.61	3.28	3.03	3.14	3.20	3.24	3.38
135.0	4.11	3.70	3.48	3.61	3.78	3.68	3.69
137.5	4.74	4.37	4.11	4.17	4.27	4.09	4.00
140.0	5.51	5.17	4.76	4.70	4.67	4.42	4.24
142.5	6.17	5.78	5.36	5.17	4.95	4.70	4.47
145.0	6.60	6.07	5.66	5.40	5.13	4.89	4.68

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

147.5	6.96	6.36	5.89	5.52	5.21	4.93	4.66
150.0	7.44	6.76	6.22	5.78	5.39	5.08	4.80
152.5	8.08	7.29	6.68	6.19	5.82	5.47	5.18
155.0	8.99	8.11	7.39	6.88	6.49	6.10	5.81
157.5	10.32	9.35	8.61	7.91	7.40	7.00	6.70
160.0	12.06	11.00	10.05	9.40	8.88	8.46	8.14
162.5	14.34	13.06	12.14	11.38	10.76	10.28	9.93
165.0	17.86	16.38	15.16	14.14	13.49	12.99	12.65
167.5	25.09	22.79	21.02	19.90	18.76	18.12	17.77
170.0	36.13	34.12	31.96	30.42	29.24	28.48	28.15
172.5	47.65	46.13	45.08	43.68	42.84	42.30	42.08
175.0	56.01	55.36	54.61	54.09	53.70	53.44	53.31
177.5	63.07	62.65	62.29	62.00	61.78	61.64	61.56
180.0	72.00	72.00	72.00	72.00	72.00	72.00	72.00

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.08	N.A.	0.00
0-30	0.29	N.A.	0.00
0-40	0.84	N.A.	0.10
0-60	4.59	N.A.	0.70
0-80	36.20	N.A.	5.60
0-90	96.77	N.A.	14.80
10-90	96.76	N.A.	14.80
20-40	0.76	N.A.	0.10
20-50	1.94	N.A.	0.30
40-70	10.17	N.A.	1.60
60-80	31.61	N.A.	4.80
70-80	25.19	N.A.	3.90
80-90	60.57	N.A.	9.30
90-110	180.58	N.A.	27.70
90-120	276.98	N.A.	42.50
90-130	361.79	N.A.	55.50
90-150	488.37	N.A.	74.90
90-180	555.06	N.A.	85.20
110-180	374.48	N.A.	57.50
0-180	651.83	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.01
10-20	0.07
20-30	0.22
30-40	0.54
40-50	1.18
50-60	2.57
60-70	6.42
70-80	25.19
80-90	60.57
90-100	83.69
100-110	96.89
110-120	96.40
120-130	84.81
130-140	71.06
140-150	55.52
150-160	38.00
160-170	21.54
170-180	7.15

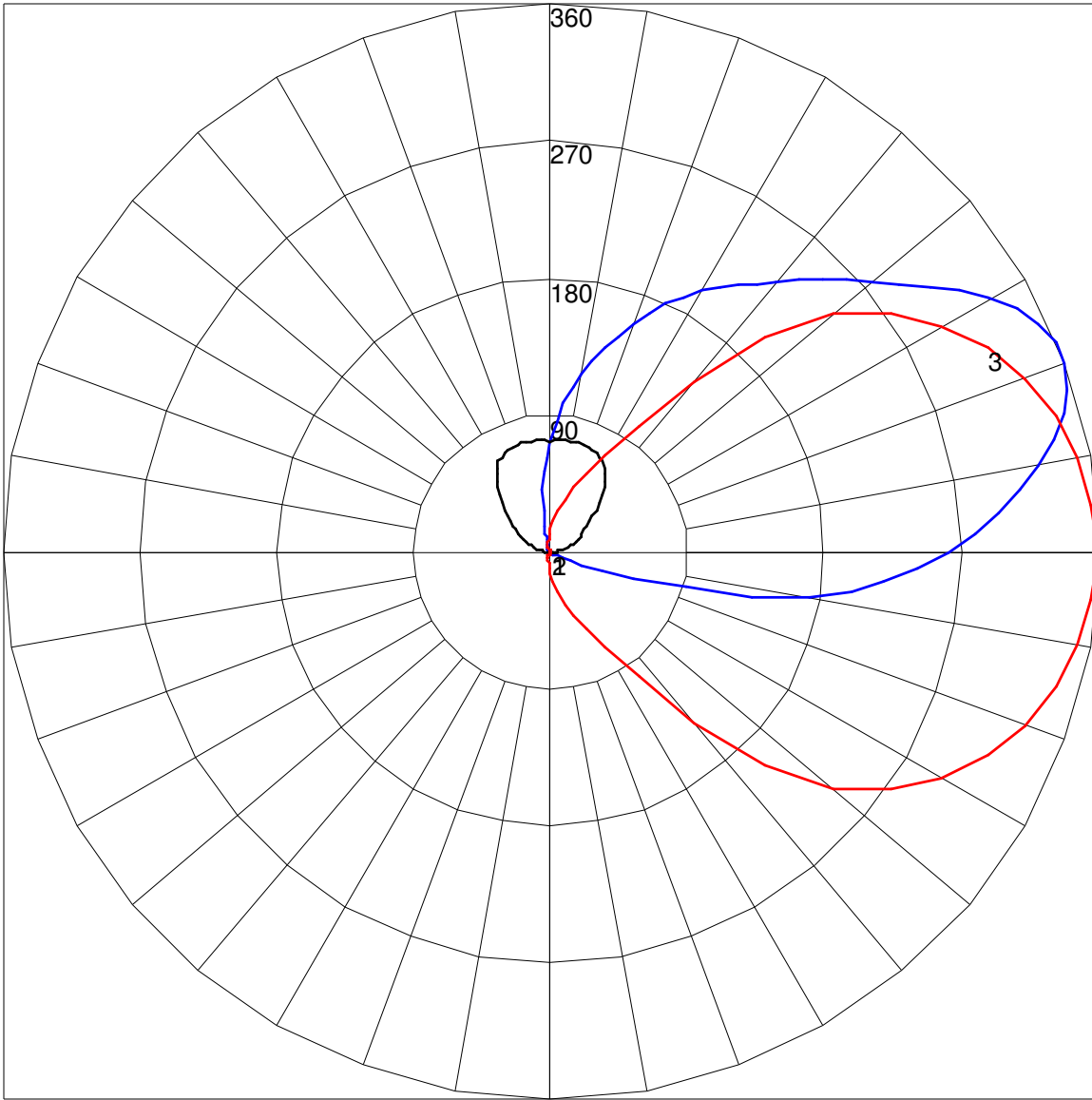
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PFXCR-CW-277E8-35WH-1.IES

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	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 = 360.24 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.)