

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PFXCR-CW-120E8-35WH-1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 3276
 [ECN] 3075
 [TESTLAB] Tempo LLC
 [ISSUEDATE] 10/31/2017 12:51:08 PM
 [MANUFAC] Tempo LLC
 [LUMCAT] pFXCR-CW-120E8-35WH-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] 120.05 VAC, 0.07 A, 0.9935 PF, 10% ATHD

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	680
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	7.95
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	495	702	317
55	1064	1549	504
65	3198	3771	931
75	24791	11319	2051
85	60350	40250	6523

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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	0.15	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17
20.0	0.51	0.52	0.51	0.52	0.52	0.50	0.48	0.46	0.43	0.41
30.0	1.01	1.06	1.09	1.12	1.14	1.15	1.14	1.12	1.07	1.00
40.0	1.86	2.00	2.10	2.21	2.33	2.38	2.39	2.34	2.24	2.10
45.0	2.48	2.69	2.85	3.07	3.24	3.36	3.39	3.32	3.25	3.06
50.0	3.47	3.69	3.95	4.24	4.51	4.70	4.76	4.80	4.68	4.34
55.0	5.25	5.53	5.84	6.12	6.41	6.63	6.77	6.72	6.72	6.47
60.0	8.46	8.67	9.05	9.40	9.54	9.78	9.73	9.80	9.65	9.37
65.0	15.06	15.05	15.36	15.36	15.51	15.42	14.94	14.43	14.69	14.60
67.5	24.42	23.87	23.49	22.39	20.89	20.87	18.91	18.90	17.95	17.69
70.0	40.34	39.72	37.80	35.74	33.40	29.51	28.64	24.80	22.52	23.57
72.5	66.69	63.87	60.03	55.64	52.44	48.77	42.03	36.40	33.89	30.81
75.0	107.59	102.51	96.13	91.73	82.76	75.98	65.51	59.44	47.97	39.02
77.5	151.95	145.53	139.53	132.63	123.69	111.35	100.71	86.45	68.48	55.75
80.0	185.36	180.44	175.50	169.23	161.07	149.35	137.33	117.02	97.61	77.29
82.5	209.63	205.47	202.47	197.46	190.04	179.72	164.34	147.96	128.85	101.22
85.0	231.67	227.07	223.99	219.06	213.28	202.43	190.70	175.19	151.70	117.46
87.5	256.08	250.79	247.32	242.89	235.10	225.05	212.02	194.76	169.55	132.73
90.0	276.42	274.25	270.84	265.46	258.53	247.90	232.51	213.83	186.34	146.60
92.5	295.94	289.78	286.66	281.45	273.00	262.14	247.10	227.49	198.73	157.60
95.0	312.24	306.12	302.42	296.13	287.98	276.25	260.32	239.95	209.39	166.06
97.5	328.65	322.70	318.67	311.99	302.46	290.83	273.30	251.24	220.14	174.07
100.0	342.04	337.91	332.85	325.92	316.72	303.21	285.96	261.33	228.71	182.49
102.5	354.79	351.15	345.43	338.60	327.62	313.95	294.64	270.09	236.81	190.48
105.0	362.33	359.67	354.59	346.48	336.46	321.80	301.83	275.64	241.56	197.03
107.5	367.64	364.72	360.70	353.19	341.49	326.12	306.04	279.30	246.55	201.60
110.0	370.72	368.32	362.53	355.01	343.65	328.59	306.68	280.46	249.20	204.28
112.5	367.34	366.28	361.36	353.65	342.49	325.53	306.08	278.74	247.35	208.13
115.0	362.30	361.01	356.95	347.96	336.29	320.92	300.60	275.39	245.11	208.95
117.5	351.41	351.59	346.59	339.46	327.80	312.73	293.08	269.53	243.18	210.26
120.0	339.09	338.64	334.65	327.82	316.77	302.60	285.46	262.95	239.65	211.11
122.5	325.75	325.52	321.88	314.22	305.85	291.72	276.23	256.70	234.57	208.88
125.0	310.47	310.38	307.15	300.90	292.98	281.47	266.88	250.04	229.39	206.18
127.5	297.08	296.87	294.16	289.31	280.67	271.66	257.80	242.25	225.77	204.05
130.0	283.41	283.86	281.86	276.49	269.87	261.33	249.29	235.63	220.57	203.21
132.5	271.02	271.43	269.56	266.27	260.15	251.49	241.94	229.42	215.71	201.19
135.0	261.08	261.28	259.79	255.77	249.87	242.87	234.46	224.30	212.02	198.00
137.5	250.11	250.42	248.96	245.81	241.64	236.10	227.56	218.85	208.07	194.45
140.0	241.90	241.76	240.54	238.08	234.25	228.49	221.09	212.80	202.33	191.31
142.5	232.79	233.13	232.26	229.68	225.67	220.79	214.74	206.36	196.33	186.36
145.0	224.35	224.45	223.42	221.24	217.75	213.28	206.87	198.64	190.44	181.02
147.5	215.73	215.76	215.09	212.97	209.20	204.05	198.20	192.29	184.59	175.57
150.0	205.02	205.31	204.47	202.67	199.65	195.85	191.04	185.47	178.56	170.70
152.5	196.02	196.14	195.47	193.93	191.63	187.96	183.36	177.91	172.00	165.50
155.0	186.68	186.86	186.32	184.95	182.86	179.50	175.51	170.61	165.26	158.63
157.5	177.37	177.81	176.79	175.60	173.71	171.21	167.57	162.98	157.43	151.62
160.0	168.93	169.14	168.08	166.80	164.87	162.21	158.72	154.51	149.98	144.97
162.5	157.96	158.28	157.44	156.31	155.02	152.40	149.83	146.56	142.39	137.60
165.0	147.79	148.04	147.35	146.52	145.02	143.00	140.72	137.40	133.95	129.07
167.5	136.83	137.06	136.34	135.39	133.87	131.90	129.53	126.69	123.57	120.13
170.0	123.73	123.96	123.46	122.77	121.70	120.26	118.45	116.41	114.01	111.17
172.5	111.92	112.06	111.61	111.01	110.12	108.99	107.66	105.97	104.08	101.99
175.0	99.30	99.40	99.50	98.80	98.27	97.57	96.73	95.75	94.59	93.30

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177.5	87.84	87.89	87.93	87.98	87.47	87.20	86.87	86.47	86.33	85.43
180.0	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00

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	0.19	0.19	0.18	0.19	0.18	0.19	0.19	0.19
20.0	0.39	0.37	0.35	0.33	0.33	0.36	0.36	0.36	0.35	0.36
30.0	0.93	0.85	0.75	0.63	0.55	0.53	0.54	0.55	0.56	0.55
40.0	1.96	1.77	1.56	1.32	1.10	0.85	0.75	0.75	0.74	0.75
45.0	2.78	2.45	2.19	1.86	1.54	1.18	0.86	0.84	0.83	0.82
50.0	4.05	3.58	3.05	2.60	2.09	1.62	1.04	0.93	0.92	0.89
55.0	5.91	5.14	4.35	3.61	2.93	2.26	1.53	1.11	1.09	1.04
60.0	8.76	7.80	6.55	5.16	4.00	3.08	2.12	1.33	1.26	1.19
65.0	13.07	11.27	9.77	7.77	5.84	4.31	2.99	1.73	1.53	1.44
67.5	16.35	14.08	12.11	9.58	7.06	5.05	3.48	1.96	1.68	1.58
70.0	20.68	17.22	14.69	11.54	8.34	5.84	4.02	2.23	1.82	1.72
72.5	25.91	20.62	17.49	13.82	10.04	6.94	4.65	2.59	2.00	1.90
75.0	32.34	24.81	20.88	16.62	12.08	8.25	5.33	2.97	2.20	2.08
77.5	40.99	29.61	24.52	19.60	14.25	9.64	6.05	3.36	2.39	2.27
80.0	50.93	34.82	28.35	22.71	16.51	11.12	6.80	3.81	2.60	2.47
82.5	61.80	40.27	32.33	25.91	19.10	13.02	8.05	4.32	2.82	2.67
85.0	70.76	45.72	36.45	29.19	21.96	15.11	9.28	4.85	3.06	2.88
87.5	79.92	51.33	40.72	32.60	24.71	17.11	10.56	5.42	3.30	3.09
90.0	87.90	56.76	44.96	35.99	27.56	19.21	11.90	6.00	3.55	3.32
92.5	97.04	62.13	48.79	39.10	30.23	21.64	14.05	7.83	4.65	3.95
95.0	104.18	66.90	52.34	42.01	32.91	24.08	16.19	9.66	5.75	4.58
97.5	110.53	71.33	55.78	44.86	35.28	26.27	18.34	11.49	6.85	5.21
100.0	119.96	77.26	59.29	47.65	37.78	28.55	20.29	13.32	7.95	5.86
102.5	128.54	83.09	62.72	50.41	40.39	31.18	22.89	15.59	10.15	7.43
105.0	135.80	87.83	65.80	52.98	42.90	33.80	25.46	17.94	12.35	9.03
107.5	143.70	94.08	68.66	55.41	45.34	36.34	27.96	20.27	14.55	10.63
110.0	152.03	103.85	74.90	58.83	48.00	38.96	30.44	22.56	16.75	12.25
112.5	160.50	112.17	80.01	62.44	51.14	41.80	33.04	25.14	19.01	14.38
115.0	165.31	118.75	84.27	65.52	53.85	44.55	35.58	27.66	21.27	16.53
117.5	169.25	126.98	90.65	68.35	56.59	47.19	38.08	30.25	23.52	18.63
120.0	174.21	136.00	102.34	78.04	62.24	50.96	40.85	32.58	25.78	20.75
122.5	180.19	146.26	113.22	86.98	69.33	56.46	45.67	36.43	28.93	23.27
125.0	180.70	154.62	122.11	95.02	75.85	61.68	50.01	40.14	32.08	25.92
127.5	181.64	157.54	128.64	102.21	81.85	66.51	54.59	43.85	35.23	28.37
130.0	183.63	160.49	134.62	110.52	90.15	73.07	59.20	47.44	38.38	31.10
132.5	185.47	164.35	140.98	119.08	99.24	81.78	66.67	53.82	43.61	35.72
135.0	182.89	167.53	147.71	127.65	107.94	90.22	73.81	60.06	48.84	40.58
137.5	180.36	165.22	149.96	134.70	116.09	98.02	80.61	66.15	54.07	45.37
140.0	177.85	163.56	149.64	134.60	119.23	102.97	86.84	71.96	59.29	50.33
142.5	174.31	162.69	148.95	135.15	120.24	104.64	89.15	75.16	62.84	54.17
145.0	170.87	160.85	148.07	134.74	120.97	106.39	91.69	78.31	66.38	57.71
147.5	166.87	156.80	146.00	134.59	121.62	108.19	94.07	81.44	69.93	61.42
150.0	162.15	152.44	142.60	131.83	120.53	108.99	95.98	84.45	73.47	65.04
152.5	156.95	148.12	139.04	128.94	118.15	106.92	95.34	84.79	74.62	66.62
155.0	151.48	143.88	135.34	125.63	115.62	105.29	94.69	85.03	75.76	68.26
157.5	145.54	138.82	131.05	121.94	112.88	103.56	94.03	85.63	76.91	69.98
160.0	139.24	132.63	125.09	117.51	109.67	101.42	93.70	85.39	78.05	71.74
162.5	132.01	126.05	119.34	112.66	106.29	98.69	91.55	84.77	78.34	72.73
165.0	124.08	118.97	113.85	107.84	101.75	95.71	89.88	84.17	78.64	73.70

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CANDELA TABULATION - (Cont.)

167.5	116.44	112.19	107.65	102.78	97.82	92.99	88.23	83.58	78.92	75.03
170.0	108.59	104.78	101.31	97.58	94.39	90.18	86.62	82.97	79.22	75.80
172.5	99.73	97.35	94.89	92.27	89.56	87.33	84.40	81.60	78.72	76.03
175.0	91.87	90.34	88.74	87.27	85.68	83.97	82.14	80.51	78.21	76.31
177.5	84.82	84.42	83.36	82.53	81.65	80.72	80.07	78.74	77.71	76.74
180.0	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00

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	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.17
20.0	0.34	0.33	0.32	0.32	0.32	0.32	0.30	0.29	0.27	0.26
30.0	0.56	0.53	0.54	0.54	0.52	0.49	0.47	0.43	0.39	0.37
40.0	0.74	0.74	0.74	0.73	0.70	0.69	0.66	0.64	0.59	0.53
45.0	0.81	0.81	0.82	0.81	0.80	0.78	0.74	0.73	0.69	0.63
50.0	0.87	0.86	0.87	0.83	0.80	0.83	0.83	0.87	0.83	0.79
55.0	0.99	0.96	0.93	0.88	0.86	0.87	0.92	0.96	0.97	0.93
60.0	1.12	1.05	0.98	0.96	0.95	0.97	1.01	1.07	1.10	1.06
65.0	1.34	1.19	1.09	1.04	1.05	1.02	1.07	1.13	1.20	1.20
67.5	1.45	1.29	1.17	1.09	1.07	1.08	1.10	1.15	1.24	1.24
70.0	1.58	1.39	1.24	1.16	1.12	1.10	1.12	1.20	1.28	1.31
72.5	1.74	1.53	1.34	1.23	1.18	1.14	1.15	1.22	1.29	1.36
75.0	1.92	1.69	1.47	1.31	1.22	1.18	1.15	1.24	1.29	1.41
77.5	2.11	1.86	1.61	1.39	1.26	1.19	1.19	1.25	1.33	1.47
80.0	2.31	2.04	1.75	1.48	1.31	1.21	1.22	1.23	1.36	1.46
82.5	2.50	2.22	1.87	1.56	1.36	1.25	1.23	1.25	1.38	1.47
85.0	2.69	2.39	1.99	1.64	1.41	1.28	1.24	1.27	1.39	1.47
87.5	2.90	2.58	2.10	1.73	1.47	1.30	1.26	1.31	1.39	1.48
90.0	3.10	2.77	2.23	1.83	1.53	1.32	1.27	1.33	1.40	1.49
92.5	3.43	3.00	2.44	1.99	1.65	1.41	1.33	1.36	1.40	1.46
95.0	3.77	3.24	2.66	2.15	1.77	1.52	1.40	1.39	1.40	1.42
97.5	4.11	3.47	2.89	2.32	1.89	1.62	1.47	1.42	1.42	1.40
100.0	4.49	3.76	3.16	2.56	2.09	1.74	1.55	1.47	1.44	1.42
102.5	5.40	4.33	3.57	2.89	2.40	1.87	1.66	1.54	1.48	1.46
105.0	6.33	4.91	3.99	3.23	2.72	2.07	1.77	1.59	1.51	1.44
107.5	7.31	5.52	4.43	3.59	3.04	2.30	1.94	1.75	1.58	1.48
110.0	8.37	6.30	5.09	4.17	3.50	2.61	2.17	1.88	1.66	1.53
112.5	10.17	7.42	6.03	4.88	4.01	2.97	2.47	2.03	1.81	1.61
115.0	12.08	8.66	7.01	5.65	4.61	3.36	2.77	2.26	1.99	1.73
117.5	13.97	9.89	8.02	6.45	5.25	4.09	3.16	2.51	2.20	1.89
120.0	15.97	11.31	9.09	7.32	6.03	4.88	3.66	2.82	2.43	2.07
122.5	18.00	12.96	10.20	8.29	6.85	5.73	4.27	3.27	2.69	2.32
125.0	20.06	14.77	11.39	9.34	7.74	6.46	4.94	3.78	3.10	2.64
127.5	22.20	16.77	12.69	10.54	8.49	6.90	5.48	4.32	3.66	3.03
130.0	24.40	18.68	13.96	11.29	9.20	7.51	5.96	4.79	4.06	3.50
132.5	26.71	20.33	15.39	12.23	10.00	8.28	6.49	5.32	4.54	3.96
135.0	29.58	22.10	16.96	13.32	10.88	9.13	7.35	6.04	5.02	4.44
137.5	32.63	23.98	18.79	14.71	11.77	9.86	8.36	7.02	5.68	5.05
140.0	36.35	25.90	20.34	15.97	12.77	10.68	9.29	8.02	6.67	5.75
142.5	41.11	28.16	21.87	17.51	14.03	11.58	10.09	8.81	7.50	6.48
145.0	45.55	31.28	23.51	19.21	15.58	12.78	10.74	9.38	8.22	7.21
147.5	50.58	35.22	25.69	20.92	17.21	13.86	11.55	9.99	8.85	7.86
150.0	55.37	39.82	27.91	22.21	18.39	15.17	12.67	10.87	9.53	8.45
152.5	58.38	44.23	31.73	23.90	19.83	16.65	14.04	12.11	10.43	9.14
155.0	60.36	49.00	35.85	26.54	21.62	18.32	15.63	13.37	11.58	10.17

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157.5	62.76	53.57	41.53	30.94	24.13	20.22	17.34	15.01	13.16	11.55
160.0	65.08	57.94	47.35	36.66	28.32	22.88	19.59	17.08	15.04	13.37
162.5	66.93	60.66	53.00	43.52	34.73	27.84	22.94	19.88	17.65	15.79
165.0	69.16	63.54	58.16	50.78	42.81	35.69	30.01	25.06	21.45	19.15
167.5	70.76	66.38	61.87	57.01	51.41	45.15	39.04	33.67	29.52	25.66
170.0	72.57	69.49	65.56	61.94	58.13	54.07	49.59	45.32	40.64	36.82
172.5	73.62	71.25	69.04	66.13	63.53	60.96	58.32	55.71	53.08	50.45
175.0	74.69	73.08	71.53	70.05	68.58	66.93	65.35	64.00	62.53	61.73
177.5	75.77	74.93	74.17	73.62	72.65	71.94	71.29	70.70	70.16	69.83
180.0	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00

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	0.16	0.16	0.15	0.15	0.15
20.0	0.24	0.24	0.23	0.21	0.20	0.20	0.19
30.0	0.35	0.34	0.30	0.29	0.28	0.26	0.25
40.0	0.48	0.45	0.42	0.39	0.34	0.33	0.32
45.0	0.60	0.54	0.46	0.43	0.40	0.39	0.38
50.0	0.70	0.61	0.55	0.51	0.48	0.46	0.41
55.0	0.81	0.69	0.61	0.56	0.55	0.53	0.48
60.0	0.98	0.83	0.69	0.63	0.60	0.57	0.60
65.0	1.11	0.94	0.79	0.69	0.63	0.60	0.65
67.5	1.17	1.01	0.83	0.72	0.67	0.62	0.64
70.0	1.22	1.08	0.87	0.75	0.70	0.65	0.65
72.5	1.28	1.11	0.87	0.76	0.71	0.68	0.68
75.0	1.33	1.17	0.91	0.79	0.74	0.71	0.65
77.5	1.39	1.19	0.95	0.79	0.77	0.72	0.70
80.0	1.42	1.22	0.95	0.82	0.77	0.74	0.74
82.5	1.44	1.23	0.95	0.83	0.80	0.75	0.68
85.0	1.47	1.26	0.99	0.84	0.86	0.82	0.74
87.5	1.45	1.26	1.01	0.87	0.88	0.82	0.78
90.0	1.46	1.27	0.98	0.86	0.84	0.86	0.80
92.5	1.45	1.23	0.94	0.79	0.82	0.78	0.71
95.0	1.45	1.20	0.91	0.78	0.77	0.73	0.64
97.5	1.40	1.19	0.90	0.76	0.74	0.69	0.63
100.0	1.37	1.17	0.90	0.76	0.71	0.64	0.66
102.5	1.36	1.15	0.93	0.70	0.64	0.66	0.60
105.0	1.36	1.12	0.90	0.72	0.65	0.62	0.66
107.5	1.34	1.13	0.89	0.71	0.67	0.62	0.66
110.0	1.36	1.17	0.91	0.75	0.68	0.65	0.65
112.5	1.42	1.20	0.95	0.79	0.71	0.67	0.66
115.0	1.51	1.28	1.05	0.87	0.74	0.71	0.86
117.5	1.60	1.36	1.18	0.96	0.79	0.79	1.15
120.0	1.76	1.53	1.31	1.09	0.93	0.98	1.38
122.5	1.99	1.72	1.51	1.31	1.21	1.32	1.63
125.0	2.32	2.01	1.82	1.62	1.57	1.72	2.11
127.5	2.72	2.44	2.19	2.07	1.97	2.14	2.49
130.0	3.21	2.76	2.57	2.46	2.34	2.50	2.80
132.5	3.54	3.14	2.83	2.86	2.84	2.88	3.07
135.0	4.00	3.56	3.25	3.29	3.39	3.29	3.38
137.5	4.64	4.16	3.85	3.84	3.83	3.65	3.57
140.0	5.38	4.94	4.49	4.35	4.25	4.01	3.82
142.5	6.07	5.61	5.13	4.82	4.58	4.31	4.09
145.0	6.49	5.91	5.45	5.13	4.83	4.53	4.25

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

147.5	6.93	6.21	5.64	5.24	4.88	4.56	4.25
150.0	7.45	6.64	6.02	5.51	5.08	4.69	4.36
152.5	8.14	7.26	6.54	5.96	5.51	5.11	4.77
155.0	9.04	8.09	7.33	6.77	6.24	5.76	5.40
157.5	10.30	9.27	8.49	7.76	7.22	6.76	6.39
160.0	12.03	10.97	9.93	9.18	8.59	8.14	7.77
162.5	14.39	13.01	12.01	11.20	10.53	10.00	9.60
165.0	17.47	16.15	15.01	13.96	13.25	12.69	12.29
167.5	22.81	20.70	19.19	18.23	17.31	16.73	16.34
170.0	33.61	31.26	28.91	27.28	26.04	25.21	24.77
172.5	47.93	45.68	44.10	42.24	41.08	40.31	39.93
175.0	60.07	59.16	58.04	57.25	56.65	56.26	56.05
177.5	69.21	68.82	68.49	68.23	68.03	67.89	67.82
180.0	77.00	77.00	77.00	77.00	77.00	77.00	77.00

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.08	N.A.	0.00
0-30	0.32	N.A.	0.00
0-40	0.89	N.A.	0.10
0-60	4.77	N.A.	0.70
0-80	38.30	N.A.	5.60
0-90	101.55	N.A.	14.90
10-90	101.54	N.A.	14.90
20-40	0.80	N.A.	0.10
20-50	2.03	N.A.	0.30
40-70	10.55	N.A.	1.60
60-80	33.53	N.A.	4.90
70-80	26.86	N.A.	4.00
80-90	63.25	N.A.	9.30
90-110	187.78	N.A.	27.60
90-120	287.30	N.A.	42.30
90-130	375.39	N.A.	55.20
90-150	508.12	N.A.	74.80
90-180	578.03	N.A.	85.10
110-180	390.25	N.A.	57.40
0-180	679.58	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.01
10-20	0.07
20-30	0.23
30-40	0.57
40-50	1.23
50-60	2.65
60-70	6.67
70-80	26.86
80-90	63.25
90-100	87.35
100-110	100.42
110-120	99.52
120-130	88.09
130-140	74.40
140-150	58.33
150-160	39.90
160-170	22.55
170-180	7.45

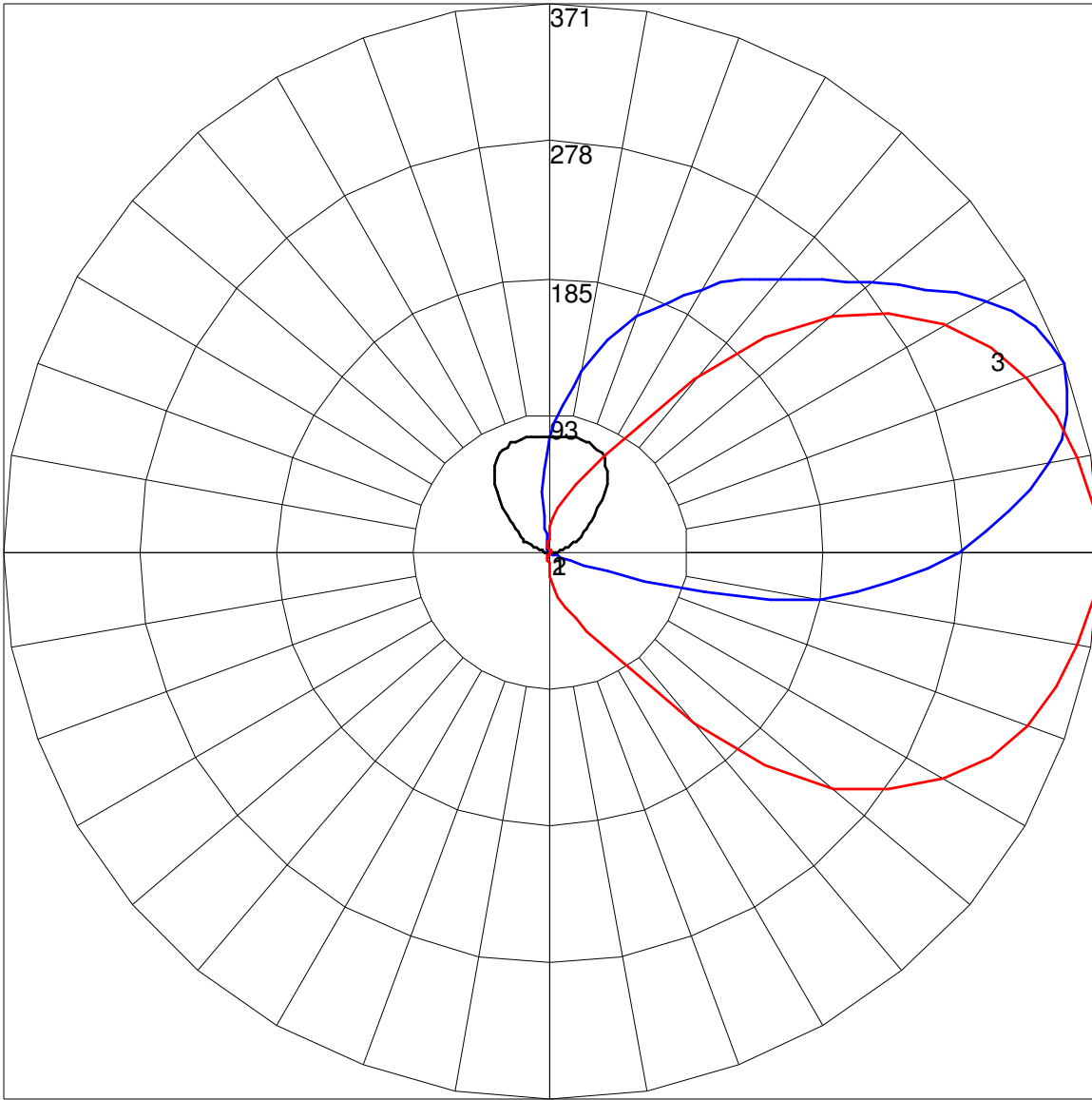
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PFXCR-CW-120E8-35WH-1.IES

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	5
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	38	33	32	27	24	20	17	14	9	7	5	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	3	2	0

POLAR GRAPH



Maximum Candela = 370.72 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.)