

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6RX-FL-00-UNVE5-35-NA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 3332
 [ECN] 3081
 [TESTLAB] Tempo LLC
 [ISSUE DATE] 1/25/2018 1:47:39 PM
 [MANUFAC] Tempo LLC
 [LUMCAT] C6RX-FL-00-UNVE5-35-NA
 [LUMINAIRE] Natural anodized aluminum housing with frosted glass lens
 [LAMP] Sixteen (16) white LEDs (3500K)
 [ELECTRICALS] 120.02 VAC, 0.04 A, 0.9898 PF, 21% ATHD

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	391
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	4.92
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.13 ft
Luminous Width (90-270)	0.96 ft
Luminous Height	0.00 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11463	12089	11871
55	8599	10289	10668
65	5863	8274	9282
75	3834	5961	7214
85	1824	2823	3380

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6RX-FL-00-UNVE5-35-NA.IES

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	165.12	165.12	165.12	165.12	165.12	165.12	165.12	165.12	165.12	165.12
2.5	165.50	165.37	165.23	165.17	165.11	165.08	165.04	165.05	165.05	164.99
5.0	165.14	164.99	164.84	164.79	164.74	164.64	164.54	164.52	164.51	164.43
7.5	164.40	164.28	164.15	164.04	163.92	163.81	163.70	163.64	163.58	163.47
10.0	163.26	163.08	162.89	162.78	162.67	162.57	162.46	162.35	162.24	162.06
12.5	161.71	161.52	161.34	161.20	161.06	160.90	160.72	160.58	160.44	160.25
15.0	159.78	159.52	159.27	159.15	159.04	158.86	158.69	158.54	158.38	158.14
17.5	157.22	157.01	156.79	156.64	156.49	156.30	156.10	155.90	155.70	155.44
20.0	154.16	153.94	153.70	153.58	153.45	153.24	153.03	152.82	152.61	152.31
22.5	150.49	150.28	150.06	149.95	149.84	149.65	149.46	149.22	148.98	148.66
25.0	146.27	146.06	145.86	145.75	145.64	145.47	145.31	145.06	144.80	144.46
27.5	141.26	141.11	140.96	140.89	140.83	140.77	140.70	140.49	140.28	139.91
30.0	135.68	135.55	135.42	135.43	135.44	135.42	135.40	135.24	135.07	134.72
32.5	129.43	129.32	129.21	129.31	129.40	129.48	129.54	129.50	129.45	129.09
35.0	122.56	122.51	122.46	122.66	122.85	122.98	123.11	123.19	123.26	122.97
37.5	115.15	115.17	115.18	115.48	115.77	116.00	116.23	116.43	116.63	116.39
40.0	107.24	107.37	107.50	107.90	108.29	108.72	109.14	109.38	109.62	109.53
42.5	98.98	99.18	99.36	99.86	100.35	100.99	101.63	101.99	102.33	102.43
45.0	90.26	90.54	90.82	91.50	92.18	93.03	93.89	94.39	94.89	95.19
47.5	81.28	81.68	82.08	82.92	83.77	84.81	85.85	86.56	87.26	87.79
50.0	72.29	72.75	73.20	74.20	75.20	76.49	77.77	78.71	79.64	80.38
52.5	63.37	63.91	64.45	65.58	66.70	68.20	69.69	70.87	72.04	73.02
55.0	54.92	55.51	56.09	57.26	58.42	60.08	61.74	63.12	64.50	65.72
57.5	47.13	47.71	48.28	49.49	50.69	52.41	54.12	55.68	57.23	58.62
60.0	39.97	40.54	41.10	42.31	43.51	45.25	46.99	48.63	50.26	51.77
62.5	33.38	33.93	34.48	35.64	36.80	38.54	40.27	41.97	43.66	45.25
65.0	27.59	28.10	28.60	29.66	30.71	32.34	33.97	35.64	37.30	38.94
67.5	22.57	23.00	23.43	24.36	25.28	26.75	28.21	29.76	31.30	32.90
70.0	18.17	18.54	18.90	19.70	20.48	21.74	23.00	24.40	25.79	27.27
72.5	14.37	14.66	14.95	15.59	16.22	17.28	18.32	19.52	20.71	22.01
75.0	11.05	11.28	11.51	12.01	12.49	13.34	14.17	15.14	16.10	17.18
77.5	8.14	8.32	8.49	8.85	9.20	9.84	10.47	11.21	11.95	12.80
80.0	5.59	5.72	5.85	6.09	6.33	6.78	7.23	7.74	8.24	8.86
82.5	3.46	3.53	3.60	3.76	3.90	4.20	4.49	4.79	5.08	5.47
85.0	1.77	1.81	1.85	1.91	1.97	2.12	2.25	2.40	2.54	2.74
87.5	0.61	0.63	0.65	0.67	0.68	0.73	0.77	0.81	0.84	0.88
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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>
0.0	165.12	165.12	165.12	165.12	165.12	165.12	165.12	165.12	165.12
2.5	164.92	164.91	164.90	164.82	164.75	164.76	164.77	164.83	164.89
5.0	164.34	164.31	164.28	164.21	164.14	164.08	164.02	164.05	164.06
7.5	163.35	163.28	163.22	163.12	163.02	162.93	162.84	162.83	162.82
10.0	161.87	161.76	161.64	161.50	161.36	161.24	161.11	161.14	161.16
12.5	160.07	159.93	159.79	159.59	159.39	159.26	159.13	159.05	158.98
15.0	157.90	157.68	157.46	157.17	156.88	156.72	156.56	156.53	156.50
17.5	155.17	154.95	154.72	154.38	154.03	153.80	153.56	153.46	153.36
20.0	152.01	151.68	151.34	150.99	150.63	150.35	150.07	149.98	149.89
22.5	148.34	147.95	147.55	147.12	146.69	146.39	146.08	145.96	145.84
25.0	144.11	143.74	143.36	142.86	142.35	141.93	141.50	141.32	141.14
27.5	139.53	139.05	138.57	138.00	137.43	136.94	136.45	136.26	136.06
30.0	134.37	133.92	133.46	132.80	132.13	131.54	130.96	130.69	130.43

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6RX-FL-00-UNVE5-35-NA.IES

CANDELA TABULATION - (Cont.)

32.5	128.73	128.22	127.70	127.02	126.34	125.76	125.17	124.91	124.64
35.0	122.67	122.18	121.69	121.01	120.32	119.75	119.17	118.86	118.55
37.5	116.14	115.77	115.40	114.77	114.13	113.56	112.99	112.65	112.31
40.0	109.43	109.15	108.86	108.31	107.76	107.24	106.72	106.43	106.14
42.5	102.52	102.37	102.21	101.84	101.46	100.94	100.41	100.11	99.82
45.0	95.49	95.49	95.48	95.24	94.98	94.50	94.01	93.74	93.47
47.5	88.32	88.49	88.66	88.56	88.45	88.06	87.66	87.41	87.16
50.0	81.12	81.47	81.81	81.91	82.01	81.64	81.27	81.05	80.82
52.5	74.00	74.53	75.06	75.26	75.46	75.15	74.83	74.68	74.54
55.0	66.92	67.60	68.28	68.64	68.99	68.74	68.49	68.32	68.14
57.5	60.01	60.81	61.60	62.06	62.52	62.35	62.17	62.03	61.90
60.0	53.27	54.18	55.09	55.63	56.16	56.05	55.92	55.78	55.63
62.5	46.84	47.82	48.79	49.36	49.93	49.88	49.83	49.72	49.60
65.0	40.58	41.61	42.63	43.24	43.84	43.85	43.84	43.77	43.68
67.5	34.50	35.54	36.58	37.20	37.81	37.87	37.92	37.79	37.67
70.0	28.75	29.72	30.69	31.31	31.92	31.98	32.03	31.97	31.90
72.5	23.30	24.17	25.04	25.63	26.22	26.28	26.34	26.28	26.22
75.0	18.26	19.00	19.74	20.25	20.75	20.82	20.87	20.83	20.79
77.5	13.64	14.21	14.79	15.20	15.60	15.66	15.72	15.72	15.70
80.0	9.47	9.88	10.29	10.59	10.88	10.93	10.97	10.95	10.91
82.5	5.86	6.10	6.34	6.53	6.71	6.73	6.75	6.75	6.74
85.0	2.93	3.03	3.14	3.22	3.30	3.30	3.30	3.29	3.28
87.5	0.93	0.95	0.96	0.97	0.97	0.94	0.92	0.90	0.88
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6RX-FL-00-UNVE5-35-NA.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	60.17	N.A.	15.40
0-30	126.43	N.A.	32.40
0-40	202.45	N.A.	51.80
0-60	331.89	N.A.	85.00
0-80	387.04	N.A.	99.10
0-90	390.60	N.A.	100.00
10-90	374.98	N.A.	96.00
20-40	142.28	N.A.	36.40
20-50	214.48	N.A.	54.90
40-70	166.73	N.A.	42.70
60-80	55.15	N.A.	14.10
70-80	17.86	N.A.	4.60
80-90	3.56	N.A.	0.90
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	390.60	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	15.62
10-20	44.55
20-30	66.26
30-40	76.02
40-50	72.20
50-60	57.24
60-70	37.29
70-80	17.86
80-90	3.56
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

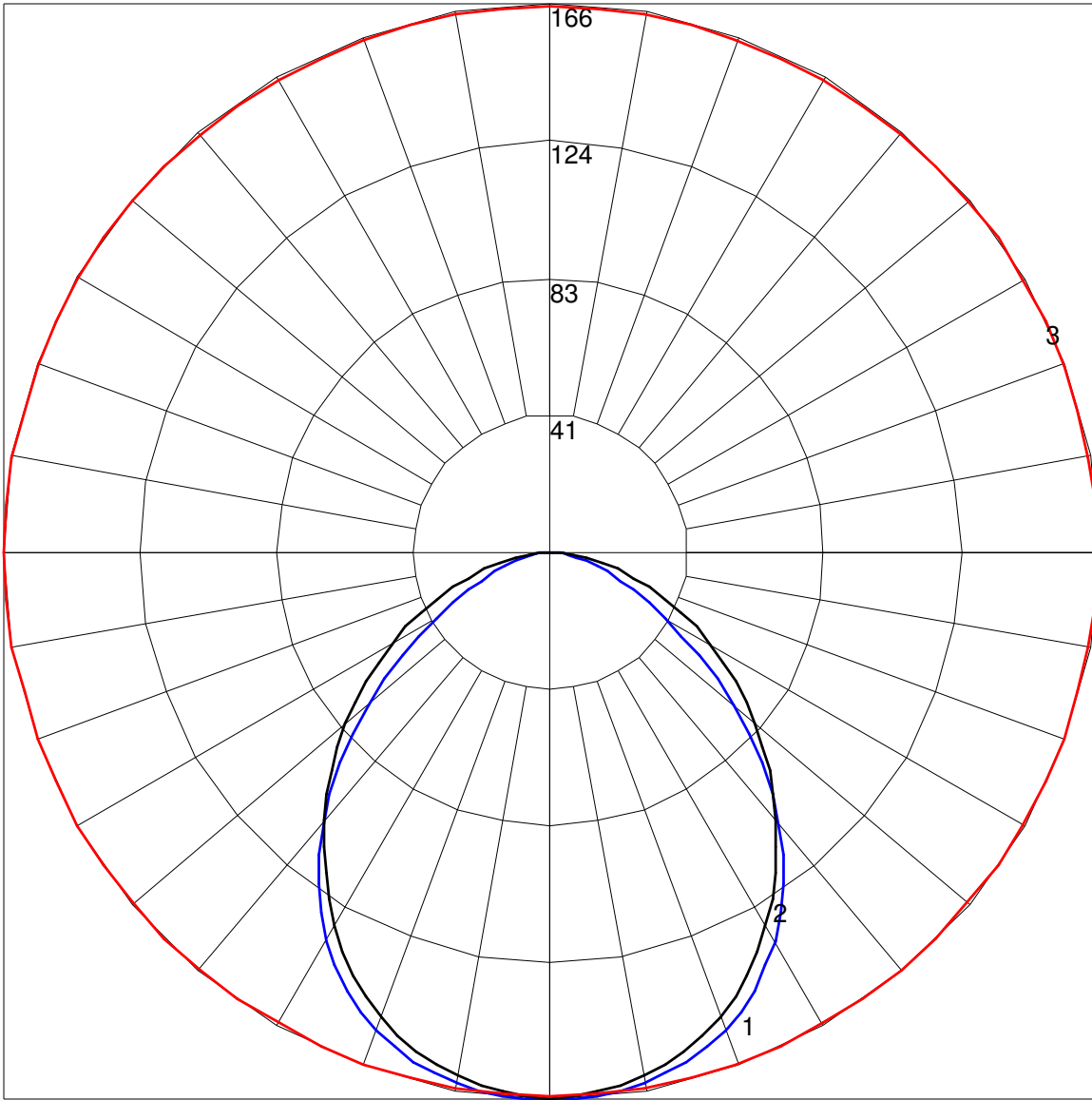
IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6RX-FL-00-UNVE5-35-NA.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	92	83	75	69	90	81	74	68	78	72	67	75	70	66	73	69	65	63
4	85	74	66	59	83	72	65	59	70	63	58	68	62	57	66	61	57	54
5	78	66	58	52	76	65	57	51	63	56	51	61	55	50	59	54	50	48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	45	40	50	44	39	38
8	63	50	42	36	62	49	42	36	48	41	36	47	40	36	46	40	36	34
9	59	46	38	33	58	45	38	33	44	37	33	43	37	32	42	37	32	30
10	55	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	29	28

POLAR GRAPH



Maximum Candela = 165.5 Located At Horizontal Angle = 0, Vertical Angle = 2.5
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 (2.5) (Through Max. Cd.)