

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6RX-3050-00-UNVE10-35-LG.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 3667
 [ECN] 3734
 [TESTLAB] Tempo LLC
 [ISSUEDATE] 1/9/2019 3:47:13 PM
 [MANUFAC] Tempo LLC
 [LUMCAT] C6RX-3050-00-UNVE10-35-LG
 [LUMINAIRE] Natural anodized aluminum housing with clear glass step lens
 [LAMP] Six (6) white LEDs (3500K) with 30 deg x 50 deg round optics
 [_ELECTRICALS] 120.05 VAC, 0.08 A, 0.9928 PF, 16% ATHD

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	734
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	9.82
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.44
Spacing Criterion (90-270)	0.80
Spacing Criterion (Diagonal)	0.58
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	5253	6168	8701
55	4110	4238	4165
65	3283	3136	2907
75	2047	1995	1901
85	742	752	1082

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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	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43
2.5	1447.73	1446.64	1445.53	1444.82	1444.11	1445.40	1446.69	1448.36	1450.03	1453.02
5.0	1306.81	1308.18	1309.55	1314.19	1318.83	1327.24	1335.64	1346.23	1356.81	1369.50
7.5	1129.00	1132.08	1135.15	1145.46	1155.76	1172.38	1188.99	1209.76	1230.54	1254.24
10.0	934.58	940.03	945.48	959.34	973.19	997.19	1021.18	1051.71	1082.24	1117.76
12.5	762.28	767.62	772.97	787.43	801.88	826.63	851.38	887.41	923.45	969.48
15.0	618.42	624.12	629.82	643.88	657.94	681.34	704.74	738.13	771.52	820.11
17.5	496.65	502.11	507.56	521.40	535.23	557.03	578.82	609.43	640.05	683.89
20.0	391.31	396.33	401.34	414.47	427.58	448.36	469.13	497.19	525.25	562.82
22.5	305.03	309.52	314.02	325.49	336.95	355.28	373.60	399.15	424.70	457.07
25.0	238.11	241.75	245.37	254.60	263.83	278.51	293.19	315.75	338.31	365.81
27.5	186.03	188.90	191.76	199.15	206.53	217.95	229.37	247.32	265.26	288.18
30.0	145.30	147.64	149.97	155.79	161.60	170.39	179.17	192.63	206.08	223.91
32.5	113.79	115.51	117.22	121.84	126.44	133.08	139.72	149.83	159.94	172.65
35.0	89.57	90.77	91.97	95.51	99.03	104.11	109.20	116.72	124.24	133.01
37.5	71.24	72.03	72.82	75.25	77.67	81.48	85.29	90.63	95.96	101.79
40.0	57.73	58.34	58.94	60.45	61.96	64.41	66.86	70.38	73.89	77.92
42.5	48.08	48.35	48.61	49.65	50.68	52.10	53.51	55.78	58.05	60.48
45.0	41.36	41.45	41.54	42.18	42.82	43.66	44.51	45.79	47.08	48.57
47.5	36.03	36.23	36.42	36.85	37.27	37.76	38.24	38.95	39.66	40.57
50.0	32.07	32.24	32.40	32.84	33.28	33.46	33.64	34.12	34.61	35.01
52.5	28.81	29.10	29.38	29.62	29.86	30.02	30.18	30.39	30.59	30.82
55.0	26.25	26.31	26.35	26.58	26.81	27.00	27.19	27.13	27.07	27.07
57.5	23.72	23.63	23.53	23.78	24.02	24.05	24.08	24.00	23.91	23.76
60.0	21.10	20.99	20.88	21.00	21.12	21.08	21.02	20.91	20.79	20.60
62.5	18.15	18.14	18.13	18.16	18.18	18.18	18.18	17.99	17.80	17.60
65.0	15.45	15.45	15.44	15.47	15.48	15.45	15.40	15.25	15.09	14.76
67.5	12.67	12.79	12.91	12.91	12.89	12.87	12.84	12.60	12.35	12.09
70.0	10.03	10.28	10.53	10.53	10.53	10.40	10.27	9.98	9.68	9.61
72.5	7.82	7.96	8.11	8.14	8.17	8.06	7.94	7.83	7.71	7.55
75.0	5.90	5.93	5.95	5.92	5.88	5.88	5.88	5.82	5.76	5.75
77.5	4.18	4.20	4.23	4.14	4.04	4.04	4.03	4.12	4.20	4.18
80.0	2.53	2.53	2.51	2.42	2.32	2.44	2.54	2.66	2.76	2.75
82.5	1.33	1.30	1.28	1.27	1.26	1.29	1.30	1.42	1.54	1.51
85.0	0.72	0.69	0.65	0.67	0.68	0.65	0.62	0.66	0.70	0.73
87.5	0.26	0.25	0.23	0.23	0.22	0.23	0.25	0.26	0.26	0.26
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	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43	1486.43
2.5	1456.01	1459.13	1462.24	1464.81	1467.36	1468.95	1470.54	1471.06	1471.58
5.0	1382.19	1395.08	1407.97	1418.74	1429.49	1436.60	1443.70	1447.06	1450.41
7.5	1277.94	1302.50	1327.06	1349.75	1372.44	1388.92	1405.39	1411.69	1417.98
10.0	1153.28	1190.72	1228.16	1264.55	1300.93	1329.39	1357.85	1369.64	1381.42
12.5	1015.51	1065.58	1115.63	1163.12	1210.60	1251.43	1292.26	1309.10	1325.94
15.0	868.68	928.83	988.98	1046.43	1103.87	1153.12	1202.36	1224.30	1246.23
17.5	727.72	790.44	853.16	917.11	981.05	1034.27	1087.49	1114.29	1141.09
20.0	600.39	657.70	715.01	780.09	845.17	897.43	949.68	978.34	1006.99
22.5	489.44	535.93	582.41	642.95	703.48	751.32	799.15	825.59	852.02
25.0	393.30	428.56	463.80	514.06	564.32	605.70	647.08	669.02	690.96
27.5	311.09	337.32	363.54	402.28	441.02	474.32	507.62	524.05	540.48
30.0	241.73	261.08	280.43	308.06	335.69	362.64	389.58	401.48	413.39

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32.5	185.35	199.75	214.14	232.74	251.33	271.88	292.42	300.60	308.78
35.0	141.77	152.23	162.69	174.90	187.10	202.36	217.61	222.64	227.66
37.5	107.61	115.22	122.82	130.86	138.89	150.02	161.15	164.24	167.33
40.0	81.95	87.18	92.40	98.12	103.84	111.55	119.26	121.53	123.79
42.5	62.91	66.56	70.20	74.32	78.44	83.66	88.86	90.39	91.90
45.0	50.06	52.20	54.33	57.30	60.27	63.50	66.73	67.62	68.51
47.5	41.49	42.65	43.82	45.54	47.25	48.95	50.65	51.21	51.75
50.0	35.41	35.90	36.38	37.22	38.06	38.71	39.36	39.61	39.85
52.5	31.04	31.10	31.15	31.22	31.29	31.57	31.83	31.88	31.92
55.0	27.07	26.82	26.57	26.54	26.52	26.62	26.72	26.66	26.60
57.5	23.61	23.24	22.86	22.71	22.55	22.55	22.56	22.60	22.63
60.0	20.40	20.03	19.66	19.48	19.31	19.22	19.12	19.14	19.16
62.5	17.40	17.04	16.68	16.53	16.37	16.36	16.34	16.29	16.23
65.0	14.44	14.09	13.74	13.63	13.51	13.60	13.69	13.69	13.68
67.5	11.82	11.59	11.37	11.20	11.04	11.09	11.14	11.25	11.35
70.0	9.54	9.24	8.94	8.89	8.84	8.95	9.05	9.13	9.22
72.5	7.38	7.19	7.00	6.99	6.97	7.02	7.06	7.18	7.28
75.0	5.73	5.51	5.29	5.38	5.46	5.43	5.41	5.44	5.48
77.5	4.16	4.05	3.94	3.92	3.88	3.91	3.94	3.96	3.97
80.0	2.73	2.67	2.61	2.68	2.75	2.74	2.73	2.76	2.78
82.5	1.48	1.49	1.50	1.59	1.68	1.68	1.68	1.70	1.71
85.0	0.75	0.79	0.82	0.87	0.91	0.90	0.88	0.97	1.05
87.5	0.25	0.26	0.27	0.27	0.27	0.28	0.29	0.31	0.33
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	364.54	N.A.	49.70
0-30	553.32	N.A.	75.40
0-40	646.58	N.A.	88.10
0-60	712.42	N.A.	97.00
0-80	733.15	N.A.	99.90
0-90	734.19	N.A.	100.00
10-90	610.67	N.A.	83.20
20-40	282.04	N.A.	38.40
20-50	323.64	N.A.	44.10
40-70	80.40	N.A.	11.00
60-80	20.73	N.A.	2.80
70-80	6.17	N.A.	0.80
80-90	1.04	N.A.	0.10
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	734.19	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	123.52
10-20	241.02
20-30	188.78
30-40	93.26
40-50	41.60
50-60	24.23
60-70	14.57
70-80	6.17
80-90	1.04
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

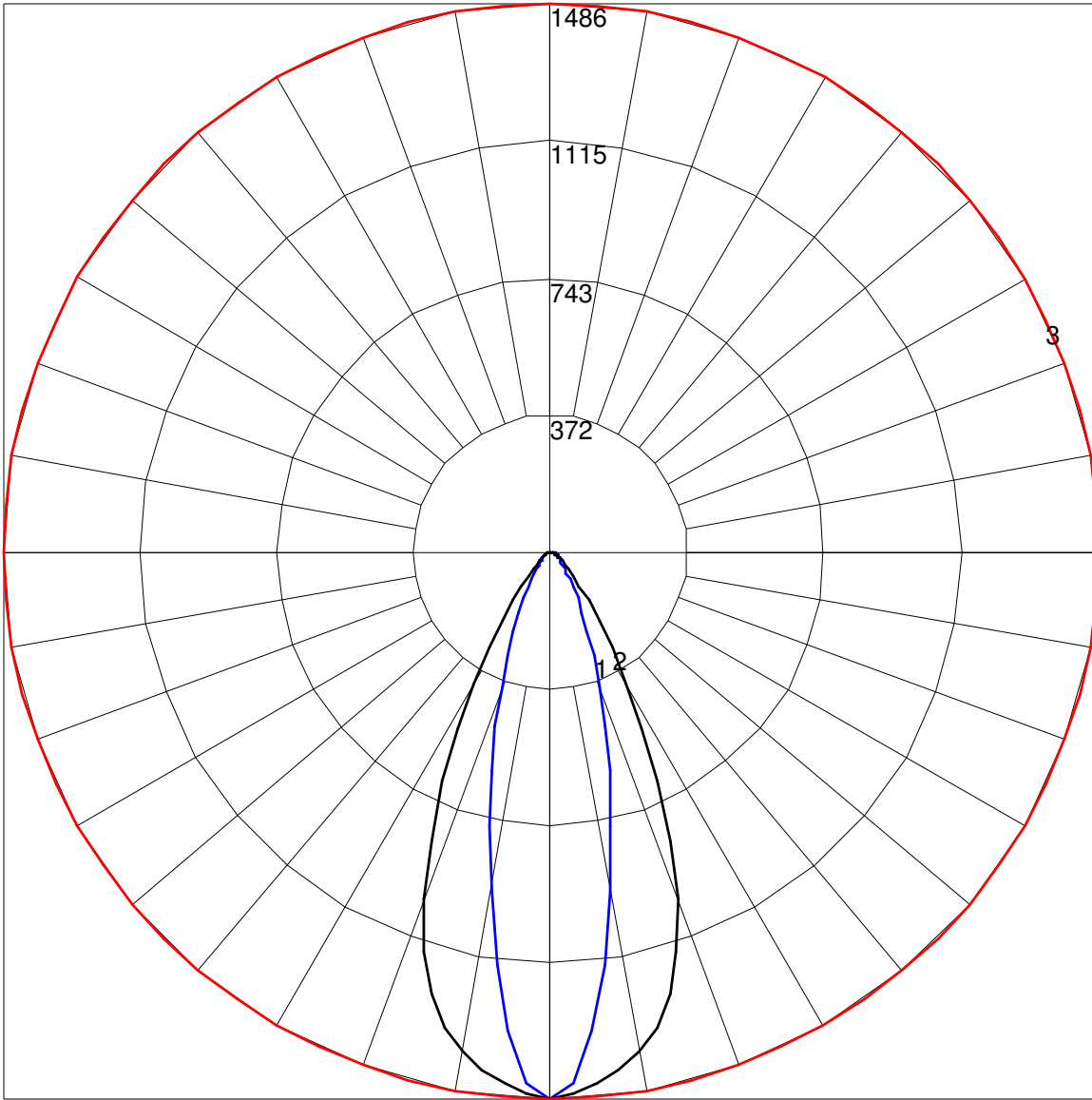
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	82	79	83	80	78	76
5	93	85	80	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	76	72	69	68
7	85	76	71	67	84	76	70	66	74	70	66	73	69	66	72	68	65	64
8	82	72	67	63	80	72	67	63	71	66	63	70	65	62	69	65	62	61
9	78	69	63	60	77	69	63	60	68	63	59	67	62	59	66	62	59	58
10	75	66	60	57	74	65	60	57	65	60	57	64	60	56	63	59	56	55

POLAR GRAPH



Maximum Candela = 1486.43 Located At Horizontal Angle = 0, Vertical Angle = 0
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 (0) (Through Max. Cd.)