



1961 McGaw Ave, Irvine, CA 92614
phone: 949.442.1601
email: info@tempolc.com

IES INDOOR REPORT

PHOTOMETRIC FILENAME : C6C-25X45-UNVE5-35LG-1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 4496
[TESTLAB] Tempo LLC
[ISSUEDATE] 5/9/2023 11:39:15 AM
[MANUFAC] Tempo LLC
[LUMCAT] C6C-25X45-UNVE5-35LG-1
[LUMINAIRE] Light gray aluminum housing with lens
[LAMP] Sixteen (16) white LEDs (3500K) with optics
[ELECTRICALS] 120.14 VAC, 0.0320 A, 0.9525 PF

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	359
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	3.85
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.38
Spacing Criterion (90-270)	0.64
Spacing Criterion (Diagonal)	0.50
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.08 ft
Luminous Width (90-270)	0.97 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6482	8100	10735
55	4726	6311	8941
65	2999	4856	7880
75	1869	3501	6328
85	734	1499	3028

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-25X45-UNVE5-35LG-1.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	757.75	757.75	757.75	757.75	757.75	757.75	757.75	757.75	757.75	757.75
2.5	734.36	729.51	724.64	724.91	725.18	725.95	726.71	732.43	738.15	739.85
5.0	643.88	641.63	639.38	642.62	645.85	650.82	655.79	666.21	676.63	683.96
7.5	524.79	525.32	525.84	531.90	537.96	547.32	556.68	571.96	587.23	601.72
10.0	407.46	409.83	412.18	420.01	427.83	439.50	451.17	469.38	487.59	507.59
12.5	309.18	312.24	315.30	323.04	330.78	343.00	355.22	373.64	392.06	413.84
15.0	234.59	237.17	239.74	246.52	253.29	264.43	275.56	292.37	309.16	331.07
17.5	180.60	182.78	184.95	190.68	196.40	205.54	214.69	228.45	242.20	261.46
20.0	141.05	142.77	144.48	149.13	153.78	161.35	168.93	180.18	191.42	206.88
22.5	112.62	114.10	115.59	119.34	123.09	128.98	134.87	143.63	152.38	164.45
25.0	92.26	93.53	94.80	97.73	100.64	105.32	110.00	116.43	122.85	131.85
27.5	77.83	78.84	79.84	82.16	84.48	88.01	91.55	96.27	100.99	107.63
30.0	67.61	68.37	69.12	70.86	72.59	75.24	77.89	81.41	84.92	89.85
32.5	59.87	60.48	61.08	62.33	63.57	65.53	67.48	70.22	72.94	76.75
35.0	53.86	54.37	54.87	55.69	56.51	57.91	59.30	61.55	63.79	66.83
37.5	48.77	49.04	49.30	49.93	50.55	51.68	52.80	54.70	56.59	59.06
40.0	44.08	44.26	44.44	44.86	45.27	46.29	47.31	49.01	50.70	52.88
42.5	39.14	39.36	39.57	40.11	40.65	41.51	42.36	43.97	45.58	47.60
45.0	34.39	34.45	34.51	35.04	35.58	36.76	37.94	39.51	41.07	42.98
47.5	30.60	30.61	30.61	30.96	31.31	32.33	33.34	35.09	36.84	38.73
50.0	27.06	27.07	27.06	27.38	27.70	28.55	29.39	31.03	32.67	34.59
52.5	23.70	23.73	23.76	24.08	24.40	25.17	25.94	27.37	28.81	30.73
55.0	20.34	20.49	20.64	21.01	21.38	22.06	22.74	24.06	25.36	27.16
57.5	17.16	17.40	17.64	18.12	18.60	19.23	19.86	21.00	22.15	23.88
60.0	14.18	14.53	14.87	15.41	15.94	16.56	17.18	18.20	19.21	20.82
62.5	11.66	11.97	12.28	12.87	13.46	14.09	14.72	15.67	16.62	18.02
65.0	9.51	9.73	9.95	10.58	11.20	11.83	12.47	13.33	14.19	15.40
67.5	7.56	7.84	8.11	8.65	9.18	9.78	10.37	11.15	11.92	12.97
70.0	6.09	6.28	6.46	6.93	7.39	7.92	8.46	9.13	9.80	10.74
72.5	4.70	4.88	5.06	5.42	5.77	6.24	6.72	7.31	7.90	8.69
75.0	3.63	3.75	3.87	4.12	4.36	4.77	5.17	5.65	6.14	6.80
77.5	2.62	2.71	2.81	2.98	3.15	3.48	3.81	4.20	4.60	5.10
80.0	1.94	1.96	1.97	2.07	2.16	2.38	2.60	2.88	3.16	3.55
82.5	1.10	1.14	1.18	1.27	1.34	1.46	1.58	1.74	1.89	2.14
85.0	0.48	0.50	0.52	0.58	0.65	0.68	0.70	0.80	0.88	0.98
87.5	0.18	0.18	0.19	0.21	0.22	0.22	0.22	0.23	0.24	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	757.75	757.75	757.75	757.75	757.75	757.75	757.75	757.75	757.75
2.5	741.54	743.22	744.90	746.04	747.17	747.96	748.73	749.15	749.56
5.0	691.28	698.58	705.87	711.90	717.93	721.88	725.82	727.22	728.61
7.5	616.19	630.85	645.50	658.23	670.96	679.56	688.15	691.19	694.24
10.0	527.58	548.92	570.25	589.75	609.24	622.89	636.54	641.46	646.37
12.5	435.62	461.72	487.81	512.30	536.80	554.79	572.79	579.36	585.94
15.0	352.98	379.59	406.20	432.88	459.55	480.36	501.16	508.89	516.63
17.5	280.71	305.41	330.11	356.78	383.44	405.21	426.97	434.87	442.76
20.0	222.33	243.16	263.99	288.40	312.81	333.62	354.42	362.41	370.39
22.5	176.51	193.44	210.36	230.60	250.83	269.48	288.12	295.22	302.32
25.0	140.83	154.12	167.39	184.23	201.06	216.12	231.18	237.09	243.00
27.5	114.26	124.31	134.36	147.47	160.56	172.69	184.80	189.68	194.55
30.0	94.77	102.31	109.84	119.61	129.38	138.50	147.62	151.24	154.86

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-25X45-UNVE5-35LG-1.IES

CANDELA TABULATION - (Cont.)

32.5	80.54	86.11	91.67	98.87	106.07	112.60	119.14	121.83	124.51
35.0	69.86	74.13	78.40	83.55	88.69	93.41	98.13	100.07	102.01
37.5	61.52	64.91	68.29	72.17	76.04	79.39	82.74	84.07	85.39
40.0	55.06	57.80	60.55	63.50	66.45	68.92	71.39	72.29	73.19
42.5	49.61	51.95	54.28	56.65	59.03	60.89	62.76	63.35	63.95
45.0	44.89	47.01	49.12	51.13	53.14	54.63	56.11	56.54	56.96
47.5	40.61	42.61	44.61	46.36	48.10	49.29	50.47	50.87	51.27
50.0	36.51	38.49	40.47	42.08	43.68	44.78	45.87	46.16	46.44
52.5	32.65	34.62	36.59	38.14	39.68	40.71	41.75	42.03	42.31
55.0	28.96	30.97	32.98	34.49	35.98	36.97	37.95	38.22	38.48
57.5	25.61	27.52	29.43	30.90	32.37	33.39	34.41	34.66	34.91
60.0	22.42	24.26	26.09	27.54	28.98	29.97	30.95	31.19	31.43
62.5	19.42	21.12	22.81	24.22	25.62	26.60	27.58	27.87	28.17
65.0	16.60	18.17	19.73	21.07	22.42	23.37	24.33	24.66	24.99
67.5	14.01	15.43	16.84	18.09	19.33	20.22	21.11	21.38	21.64
70.0	11.66	12.91	14.16	15.26	16.35	17.14	17.91	18.21	18.49
72.5	9.47	10.50	11.53	12.47	13.41	14.08	14.75	15.05	15.34
75.0	7.45	8.28	9.10	9.88	10.66	11.26	11.85	12.07	12.29
77.5	5.59	6.23	6.86	7.45	8.04	8.54	9.02	9.21	9.39
80.0	3.94	4.37	4.80	5.26	5.71	6.07	6.42	6.59	6.75
82.5	2.39	2.72	3.05	3.33	3.61	3.84	4.06	4.11	4.15
85.0	1.07	1.27	1.47	1.64	1.80	1.88	1.96	1.97	1.98
87.5	0.27	0.31	0.35	0.37	0.39	0.40	0.40	0.41	0.41
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 : C6C-25X45-UNVE5-35LG-1.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	157.80	N.A.	43.90
0-30	227.61	N.A.	63.30
0-40	273.60	N.A.	76.10
0-60	333.52	N.A.	92.80
0-80	357.86	N.A.	99.60
0-90	359.43	N.A.	100.00
10-90	299.65	N.A.	83.40
20-40	115.79	N.A.	32.20
20-50	150.22	N.A.	41.80
40-70	76.33	N.A.	21.20
60-80	24.34	N.A.	6.80
70-80	7.93	N.A.	2.20
80-90	1.58	N.A.	0.40
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	359.43	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	59.78
10-20	98.03
20-30	69.81
30-40	45.99
40-50	34.43
50-60	25.49
60-70	16.41
70-80	7.93
80-90	1.58
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

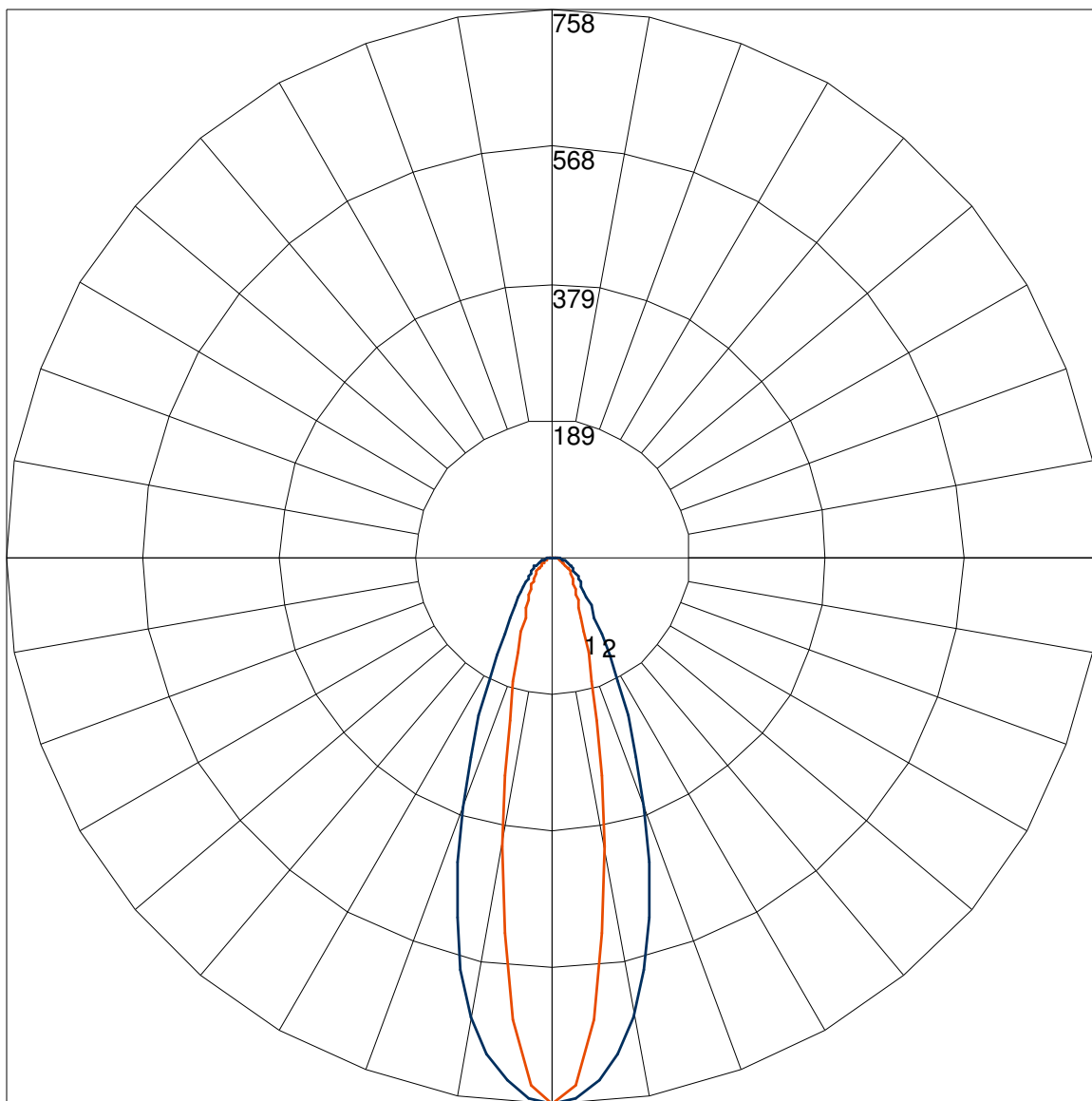
IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-25X45-UNVE5-35LG-1.IES

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	119	119	119	119	116	116	116	116	111	111	111	107	107	107	102	102	102	100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76
4	95	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70
5	90	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61
7	81	71	65	60	80	70	64	60	69	64	60	68	63	59	67	62	59	58
8	77	67	61	57	76	67	61	57	66	60	56	64	60	56	63	59	56	54
9	74	64	58	54	73	63	57	53	62	57	53	61	57	53	61	56	53	52
10	71	61	55	51	70	60	55	51	59	54	51	59	54	50	58	54	50	49

POLAR GRAPH



Maximum Candela = 757.75 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)