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Nata

Client: NT

LumCAT: 62-0098-1

Luminaire: 92.70.412.00

Report No: 20261006-B010

Ballast type: DC

Test No: 20261006-C010

LampCAT: CITIZEN CLU038

Lamp flux(lm): 2335.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V): 34.660

Current(A): 0.526

Power (W): 18.230

PF: 0.000

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 2089.89, Efficiency(%): 89.50% , Luminous Efficacy(lm/W): 114.64

Central intensity(cd): 5157.200, Maximum intensity(cd): 5159.739

Angle of maximum intensity: C=135.0 γ =2.0

Beam Angle(50%Imax): [C0/180]Total=36.5

[C90/270]Total=35.2

Field angle(10%Imax): [C0/180]Total=58.4

[C90/270]Total=58.7

Maximum s/h(1/2): C0_180=0.61 C90_270=0.59

Maximum s/h(1/4): C0_180=0.60 C90_270=0.58

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 89.53%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.296%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5147.466	0.000	0	0.00%	0.00%
1.0	5136.040	4.920	4.92	0.21%	0.24%
2.0	5106.416	14.701	19.621	0.63%	0.94%
3.0	5062.720	24.321	43.943	1.04%	2.10%
4.0	4992.892	33.659	77.602	1.44%	3.71%
5.0	4914.177	42.620	120.222	1.83%	5.75%
6.0	4807.213	51.088	171.31	2.19%	8.20%
7.0	4685.861	58.923	230.234	2.52%	11.02%
8.0	4559.853	66.170	296.403	2.83%	14.18%
9.0	4414.061	72.729	369.132	3.11%	17.66%
10.0	4243.088	78.344	447.476	3.36%	21.41%
11.0	4062.064	82.986	530.462	3.55%	25.38%
12.0	3878.818	86.805	617.267	3.72%	29.54%
13.0	3675.682	89.653	706.92	3.84%	33.83%
14.0	3458.687	91.319	798.239	3.91%	38.20%
15.0	3246.769	92.055	890.294	3.94%	42.60%
16.0	3014.644	91.747	982.042	3.93%	46.99%
17.0	2789.819	90.391	1072.433	3.87%	51.32%
18.0	2541.718	87.905	1160.338	3.76%	55.52%
19.0	2270.394	83.721	1244.059	3.59%	59.53%
20.0	2015.056	78.436	1322.495	3.36%	63.28%
21.0	1819.612	73.633	1396.128	3.15%	66.80%
22.0	1662.986	69.984	1466.112	3.00%	70.15%
23.0	1466.610	65.667	1531.78	2.81%	73.29%
24.0	1278.731	60.023	1591.803	2.57%	76.17%
25.0	1106.446	54.234	1646.037	2.32%	78.76%
26.0	948.518	48.508	1694.544	2.08%	81.08%
27.0	795.955	42.679	1737.223	1.83%	83.13%
28.0	663.091	36.940	1774.163	1.58%	84.89%
29.0	551.377	31.774	1805.937	1.36%	86.41%
30.0	452.306	27.099	1833.036	1.16%	87.71%
31.0	384.911	23.299	1856.335	1.00%	88.82%
32.0	323.462	20.294	1876.629	0.87%	89.80%
33.0	250.302	16.903	1893.532	0.72%	90.60%
34.0	193.699	13.437	1906.969	0.58%	91.25%
35.0	156.965	10.890	1917.859	0.47%	91.77%
36.0	131.573	9.187	1927.046	0.39%	92.21%
37.0	108.879	7.842	1934.888	0.34%	92.58%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	94.374	6.784	1941.673	0.29%	92.91%
39.0	83.497	6.071	1947.744	0.26%	93.20%
40.0	74.684	5.517	1953.261	0.24%	93.46%
41.0	68.188	5.088	1958.348	0.22%	93.71%
42.0	63.607	4.788	1963.137	0.21%	93.94%
43.0	60.147	4.584	1967.721	0.20%	94.15%
44.0	57.121	4.426	1972.147	0.19%	94.37%
45.0	54.889	4.305	1976.452	0.18%	94.57%
46.0	53.112	4.224	1980.675	0.18%	94.77%
47.0	51.525	4.162	1984.837	0.18%	94.97%
48.0	50.181	4.111	1988.948	0.18%	95.17%
49.0	48.880	4.068	1993.016	0.17%	95.36%
50.0	47.705	4.027	1997.043	0.17%	95.56%
51.0	46.478	3.985	2001.028	0.17%	95.75%
52.0	45.293	3.938	2004.966	0.17%	95.94%
53.0	44.087	3.888	2008.854	0.17%	96.12%
54.0	42.807	3.830	2012.684	0.16%	96.31%
55.0	41.569	3.766	2016.45	0.16%	96.49%
56.0	40.162	3.693	2020.144	0.16%	96.66%
57.0	38.786	3.610	2023.753	0.15%	96.84%
58.0	37.411	3.524	2027.277	0.15%	97.00%
59.0	36.110	3.437	2030.714	0.15%	97.17%
60.0	34.597	3.340	2034.054	0.14%	97.33%
61.0	33.200	3.235	2037.29	0.14%	97.48%
62.0	31.856	3.135	2040.425	0.13%	97.63%
63.0	30.375	3.027	2043.451	0.13%	97.78%
64.0	29.042	2.916	2046.367	0.12%	97.92%
65.0	27.709	2.809	2049.175	0.12%	98.05%
66.0	26.302	2.695	2051.87	0.12%	98.18%
67.0	25.032	2.581	2054.451	0.11%	98.30%
68.0	23.657	2.466	2056.918	0.11%	98.42%
69.0	22.356	2.347	2059.265	0.10%	98.53%
70.0	20.917	2.222	2061.488	0.10%	98.64%
71.0	19.626	2.095	2063.583	0.09%	98.74%
72.0	18.314	1.973	2065.556	0.08%	98.84%
73.0	17.341	1.864	2067.42	0.08%	98.93%
74.0	16.664	1.788	2069.208	0.08%	99.01%
75.0	16.653	1.760	2070.968	0.08%	99.09%

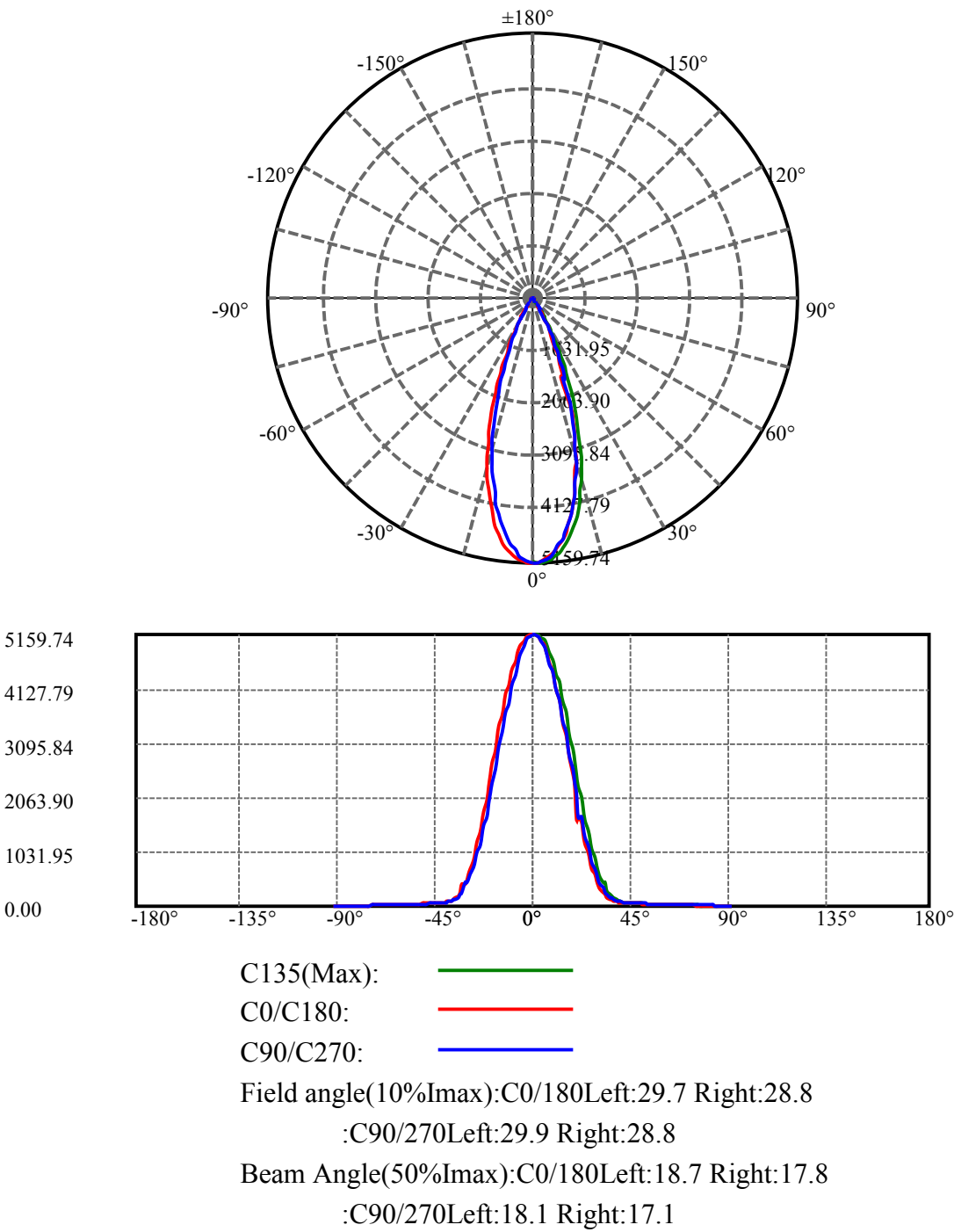
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	17.087	1.791	2072.759	0.08%	99.18%
77.0	17.267	1.832	2074.591	0.08%	99.27%
78.0	16.833	1.825	2076.416	0.08%	99.36%
79.0	16.219	1.776	2078.192	0.08%	99.44%
80.0	14.939	1.680	2079.872	0.07%	99.52%
81.0	13.288	1.526	2081.398	0.07%	99.59%
82.0	11.691	1.355	2082.753	0.06%	99.66%
83.0	10.252	1.193	2083.946	0.05%	99.72%
84.0	9.215	1.061	2085.006	0.05%	99.77%
85.0	8.496	0.967	2085.973	0.04%	99.81%
86.0	7.713	0.886	2086.859	0.04%	99.86%
87.0	7.194	0.816	2087.675	0.03%	99.89%
88.0	6.803	0.767	2088.442	0.03%	99.93%
89.0	6.560	0.732	2089.174	0.03%	99.97%
90.0	6.433	0.712	2089.886	0.03%	100.00%

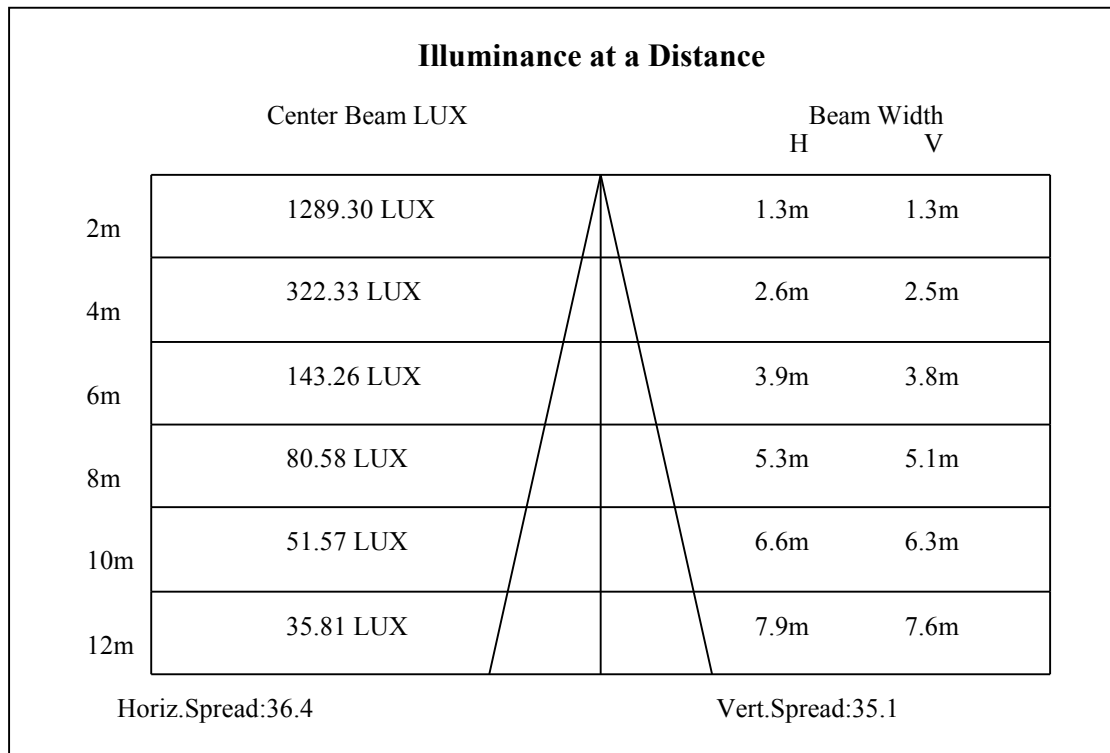
ZONAL LUMEN SUMMARY

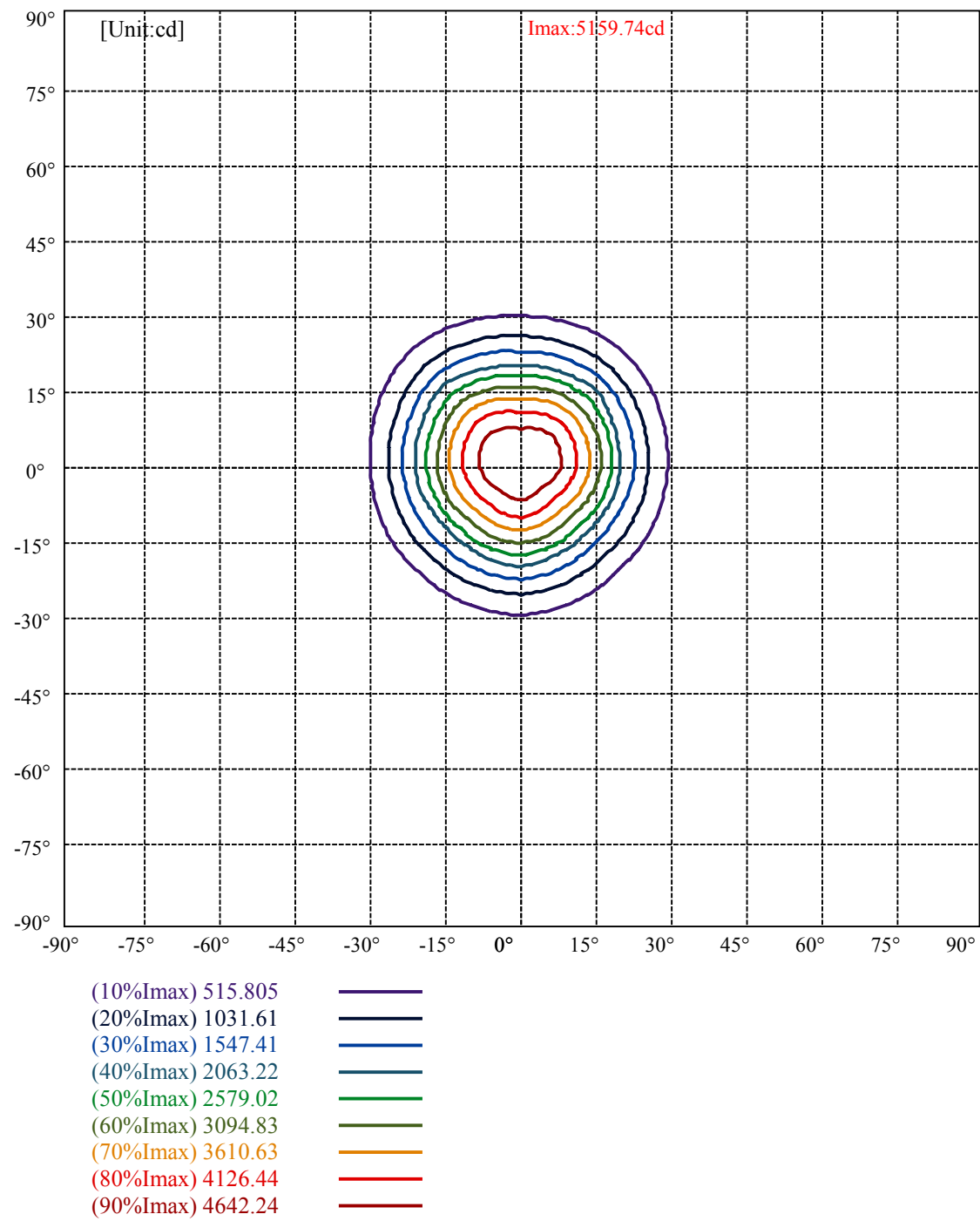
Zone	Lumens	%Lamp	%Fixt
0-30	1833.04	78.50%	87.71%
0-40	1953.26	83.65%	93.46%
0-60	2034.05	87.11%	97.33%
0-90	2089.17	89.47%	99.97%
0-120	2089.17	89.47%	99.97%
0-180	2089.89	89.50%	100.00%
60-90	55.12	2.36%	2.64%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-25.53	1671.91	71.60%	80.00%

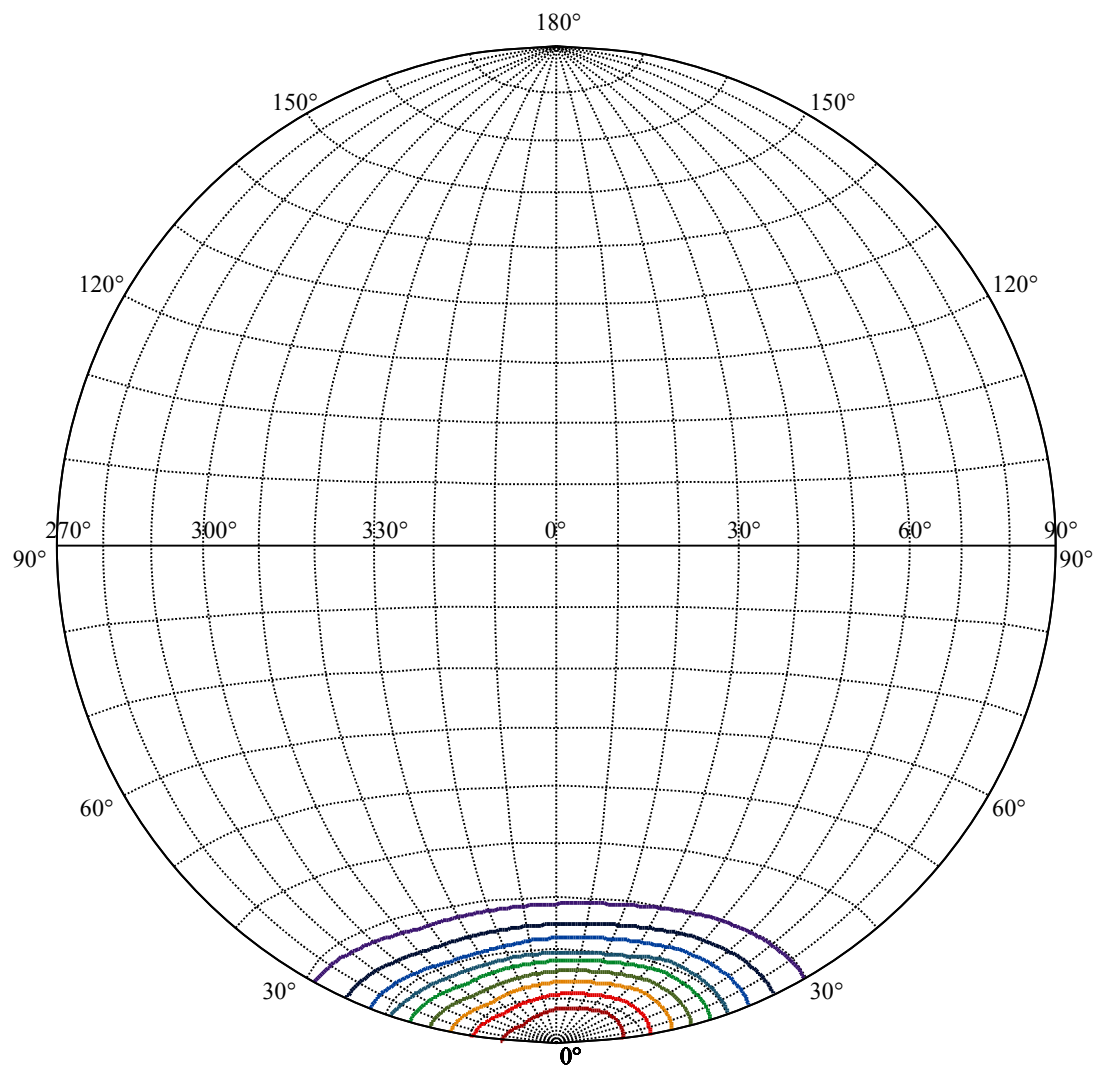
ZONAL LUMEN SUMMARY

0-10	447.48
10-20	875.02
20-30	510.54
30-40	120.22
40-50	43.78
50-60	37.01
60-70	27.43
70-80	18.38
80-90	9.30
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







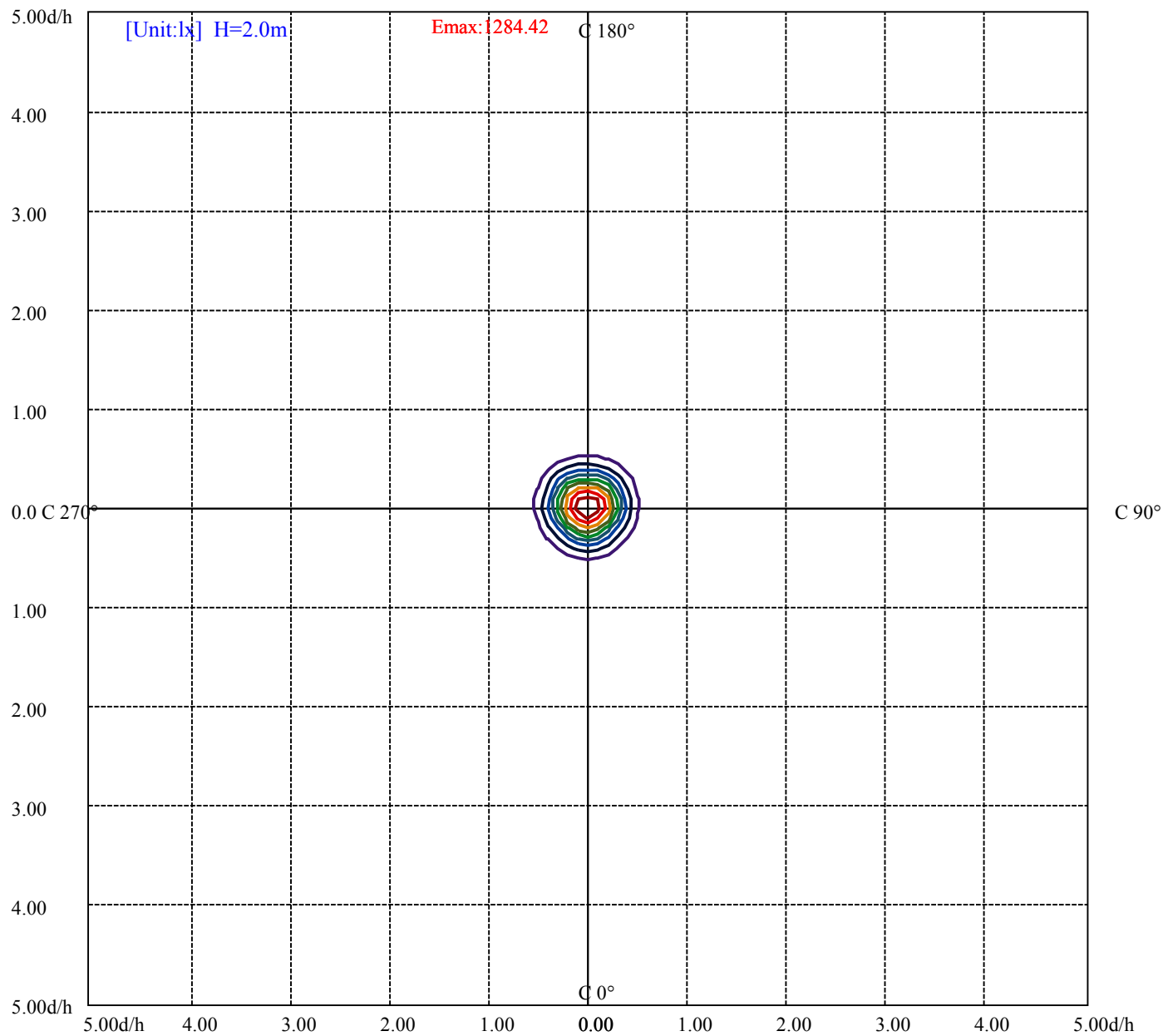


House

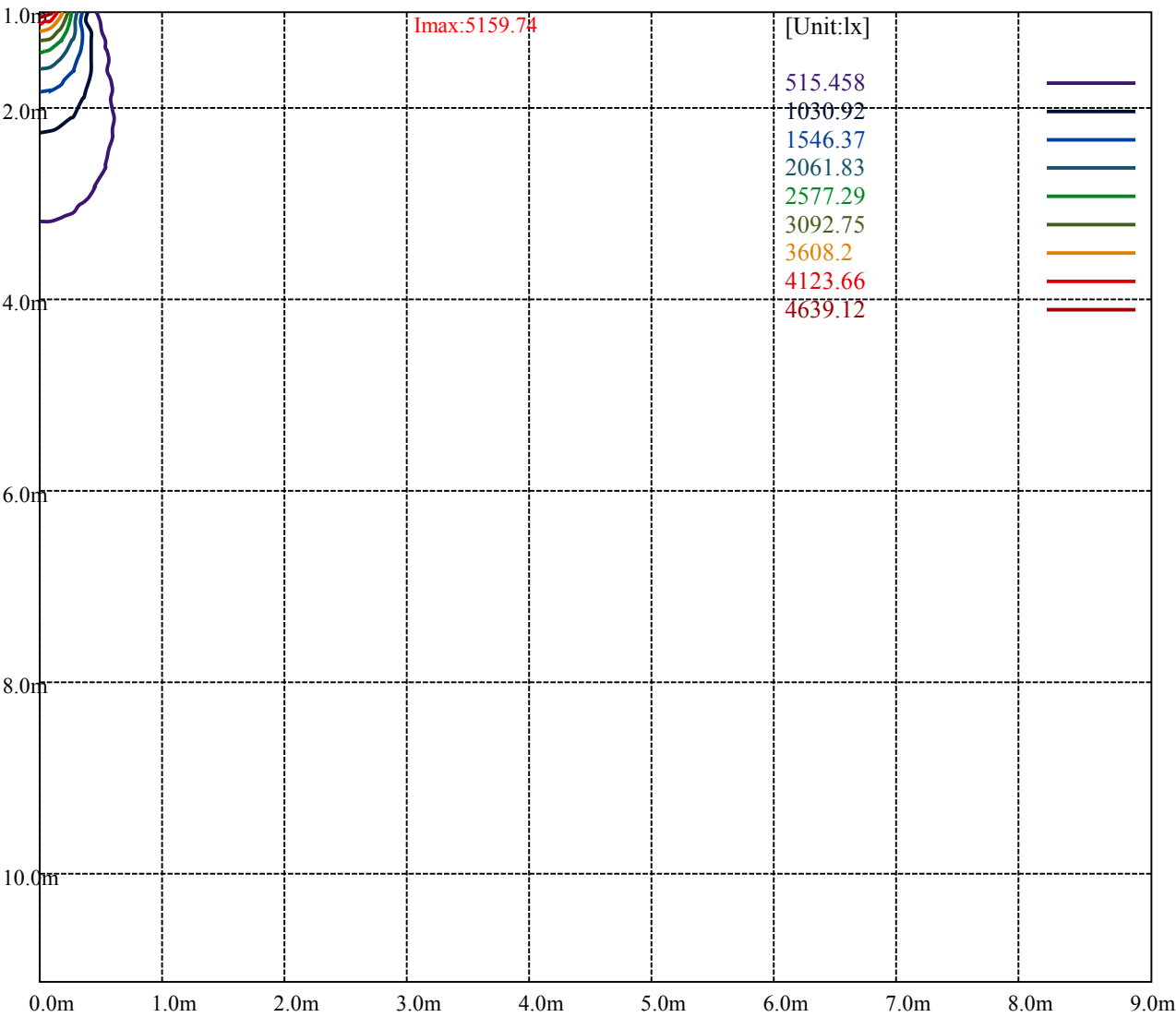
[Unit:cd]

Road

I _{max} :5159.74	
(10%I _{max})	516.304
(20%I _{max})	1032.61
(30%I _{max})	1548.91
(40%I _{max})	2065.22
(50%I _{max})	2581.52
(60%I _{max})	3097.82
(70%I _{max})	3614.13
(80%I _{max})	4130.43
(90%I _{max})	4646.74



(10%Emax)	128.4413	—
(20%Emax)	256.8825	—
(30%Emax)	385.325	—
(40%Emax)	513.765	—
(50%Emax)	642.2075	—
(60%Emax)	770.6475	—
(70%Emax)	899.09	—
(80%Emax)	1027.53	—
(90%Emax)	1155.973	—



Luminance Limiting Curve(no luminous side)

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Luminance Table

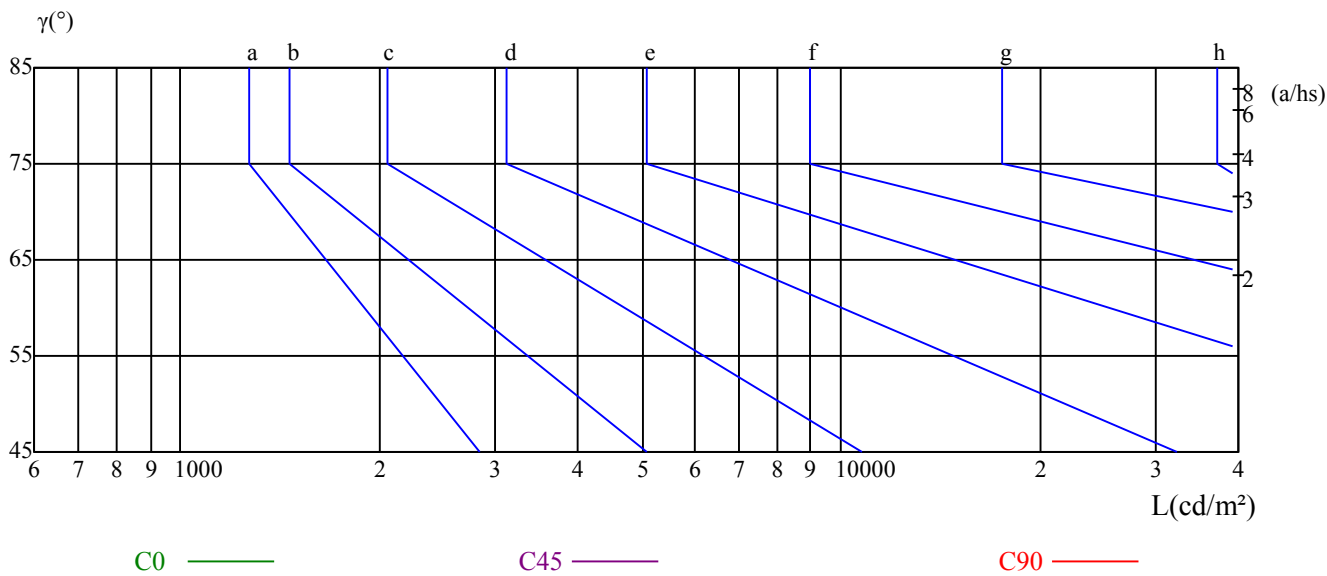
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

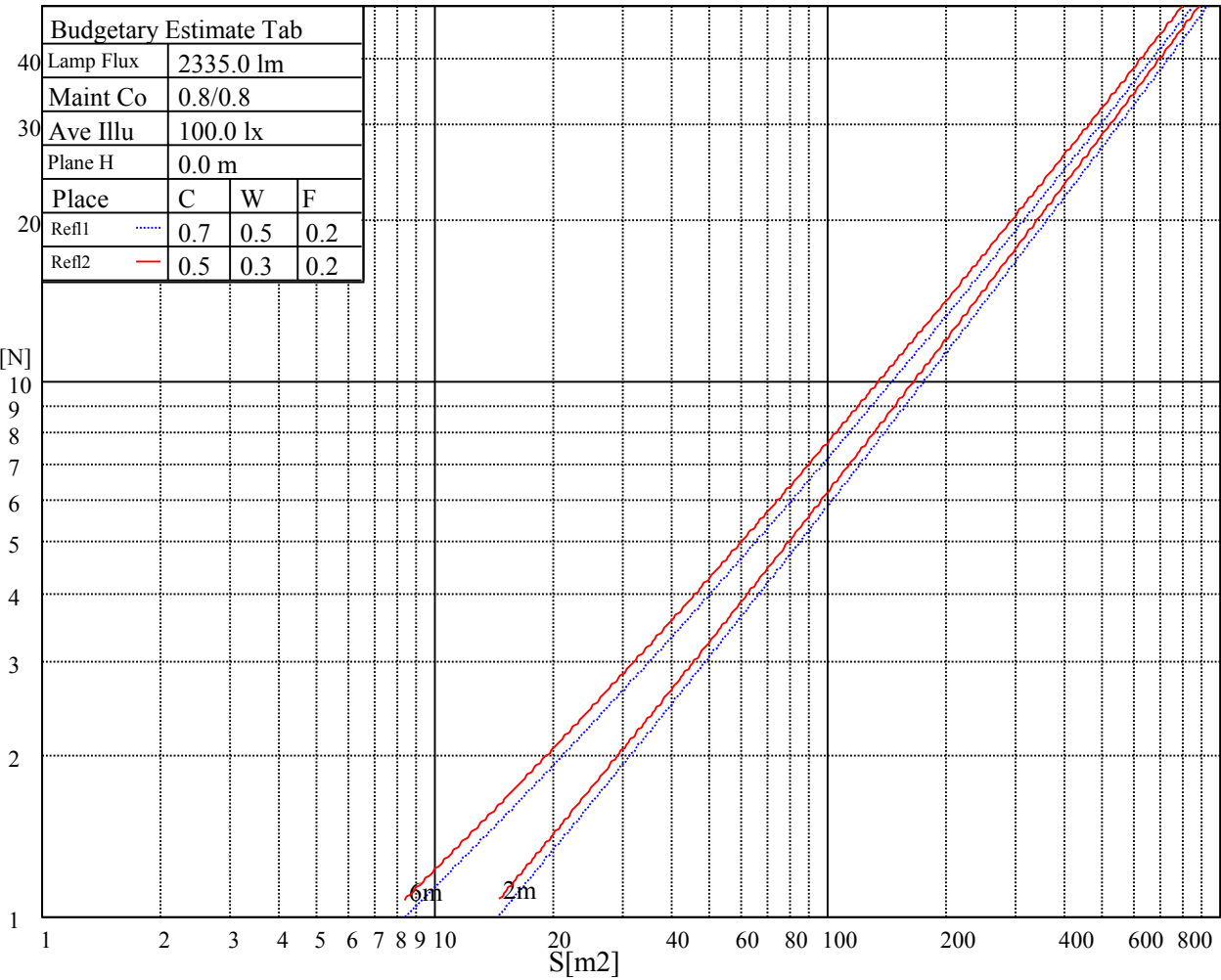
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

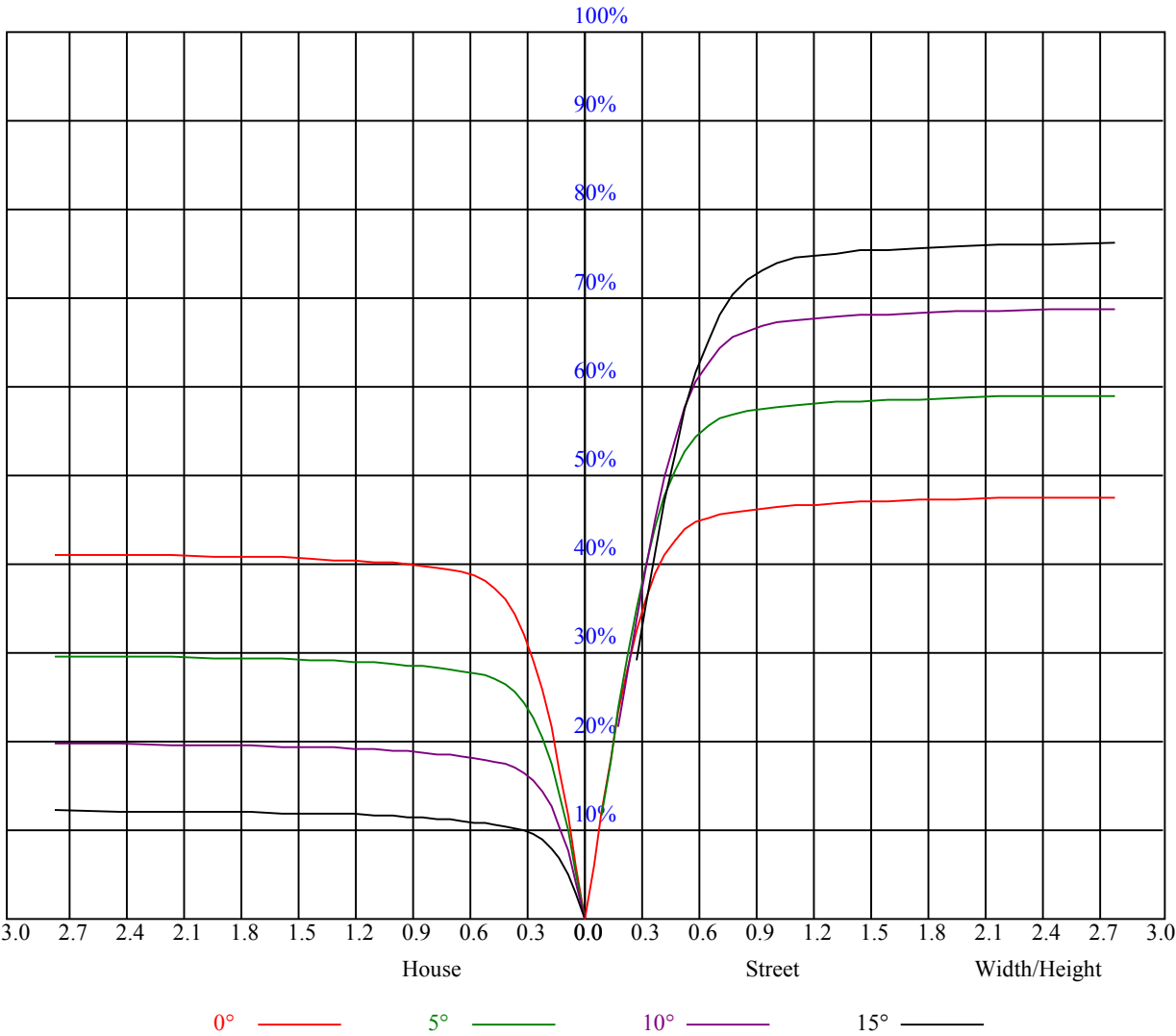


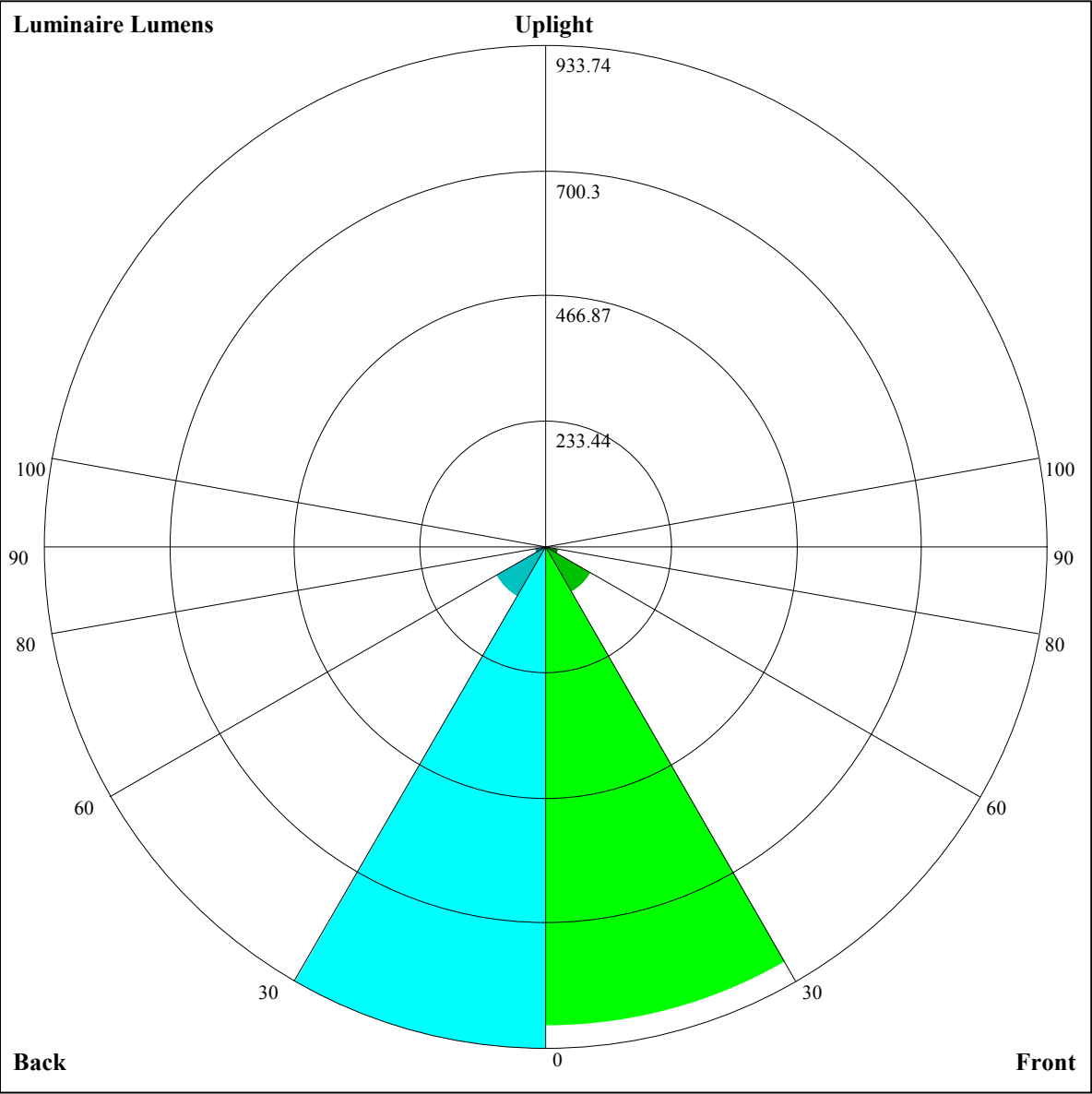
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
4H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
8H	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
12H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
Variation with the observer position at spacings:											
S = 1.0H		非数字/非数字					非数字/非数字				
S = 1.5H		非数字/非数字					非数字/非数字				
S = 2.0H		非数字/非数字					非数字/非数字				
Standard tables:		BK0					BK0				
Uncorrected UGR		负无穷大					负无穷大				

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.07	1.07	1.07	1.04	1.04	1.04	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.90
1	1.00	0.98	0.96	0.98	0.96	0.94	0.94	0.93	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.84
2	0.94	0.90	0.88	0.92	0.89	0.87	0.89	0.87	0.85	0.87	0.85	0.83	0.84	0.83	0.81	0.80
3	0.89	0.85	0.82	0.87	0.84	0.81	0.85	0.82	0.80	0.83	0.80	0.78	0.81	0.79	0.77	0.76
4	0.84	0.80	0.76	0.83	0.79	0.76	0.81	0.78	0.75	0.80	0.77	0.74	0.78	0.75	0.73	0.72
5	0.80	0.76	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.76	0.73	0.71	0.75	0.72	0.70	0.69
6	0.76	0.72	0.69	0.76	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.66
7	0.73	0.69	0.65	0.73	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.63
8	0.70	0.66	0.63	0.70	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.61
9	0.67	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.60	0.65	0.62	0.59	0.58
10	0.65	0.61	0.58	0.65	0.60	0.58	0.64	0.60	0.57	0.63	0.60	0.57	0.63	0.59	0.57	0.56





Luminaire Lumens:

FL=892.41,FM=97.24,FH=23.25,FVH=5.17

BL=933.74,BM=105.62,BH=22.99,BVH=5.26

UL=0,UH=0

BUG Rating:B2-U0-G0

Intensity data(cd)

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C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	5157.20	5145.35	5121.65	5080.18	5016.70	4954.06	4841.49	4734.85	4610.43
45.0	5140.27	5152.12	5151.28	5134.35	5097.11	5043.78	4957.45	4865.19	4766.16
90.0	5158.05	5153.81	5127.58	5092.87	5030.24	4948.99	4829.64	4719.61	4596.88
135.0	5134.35	5156.35	5159.74	5140.27	5111.49	5060.71	4997.23	4894.82	4801.71
180.0	5157.20	5149.58	5132.65	5103.03	5042.94	4977.76	4891.43	4792.40	4652.75
225.0	5140.27	5106.42	5049.71	4984.53	4898.20	4796.63	4650.21	4525.79	4392.90
270.0	5158.05	5130.12	5091.18	5027.70	4921.05	4816.10	4699.30	4535.94	4392.90
315.0	5134.35	5094.57	5017.54	4938.83	4825.41	4715.38	4590.96	4418.29	4265.09
360.0	5157.20	5145.35	5121.65	5080.18	5016.70	4954.06	4841.49	4734.85	4610.43
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4469.92	4271.02	4100.89	3913.84	3717.47	3458.48	3250.26	3024.27	2794.90
45.0	4615.50	4482.62	4326.04	4113.59	3929.07	3732.71	3526.19	3254.49	3026.81
90.0	4457.23	4267.63	4099.20	3923.15	3687.85	3491.48	3290.89	3027.66	2811.83
135.0	4694.22	4536.79	4401.36	4252.40	4048.42	3868.13	3674.31	3425.47	3213.87
180.0	4529.17	4390.36	4199.08	4029.80	3808.04	3620.14	3425.47	3218.94	2954.02
225.0	4204.15	4044.18	3826.66	3641.30	3453.40	3200.32	2985.34	2770.35	2549.44
270.0	4245.63	4081.43	3859.67	3671.77	3482.17	3285.81	3030.20	2821.14	2609.54
315.0	4096.66	3870.67	3683.62	3484.71	3279.04	3012.42	2791.51	2574.83	2358.16
360.0	4469.92	4271.02	4100.89	3913.84	3717.47	3458.48	3250.26	3024.27	2794.90
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2513.89	2291.29	1662.67	1662.67	1613.41	1378.28	1200.96	1035.91	850.72
45.0	2795.74	2569.76	2291.29	2074.61	1866.40	1617.56	1430.50	1212.13	1049.62
90.0	2601.07	2339.53	2134.71	1684.42	1684.42	1500.84	1325.55	1161.94	1011.45
135.0	2991.26	2770.35	2499.50	2283.67	2075.46	1874.01	1636.18	1454.20	1279.00
180.0	2725.49	2501.20	2284.52	2017.90	1809.69	1610.78	1422.04	1202.82	1040.31
225.0	2271.82	1907.87	1660.13	1660.13	1434.39	1265.37	1110.31	964.30	797.05
270.0	2345.46	2140.63	1945.11	1711.51	1529.53	1357.71	1158.81	1012.38	876.11
315.0	2089.00	1642.52	1642.52	1461.99	1290.59	1128.34	945.51	807.89	683.89
360.0	2513.89	2291.29	1662.67	1662.67	1613.41	1378.28	1200.96	1035.91	850.72
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	717.24	598.07	496.33	388.84	318.16	259.08	210.33	163.44	135.42
45.0	899.81	733.91	616.26	513.85	425.82	425.82	273.39	224.89	185.78
90.0	843.10	719.19	609.58	492.10	411.10	340.68	267.72	220.49	174.53
135.0	1074.17	925.20	757.61	637.42	532.47	441.91	441.91	277.03	226.16
180.0	855.80	720.37	599.34	470.68	427.52	427.52	242.07	197.13	161.83
225.0	677.37	545.17	452.32	373.09	291.50	238.68	195.43	160.90	128.40
270.0	752.53	611.19	510.46	442.75	442.75	266.87	217.19	176.14	136.69
315.0	547.62	451.64	369.12	299.71	229.97	187.14	154.38	129.58	106.90
360.0	717.24	598.07	496.33	388.84	318.16	259.08	210.33	163.44	135.42
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	114.26	95.05	84.05	75.58	68.05	63.65	60.43	57.22	55.19
45.0	154.89	124.76	106.05	92.17	80.66	72.96	66.36	62.30	59.08
90.0	146.60	125.27	108.85	95.98	84.22	77.11	71.52	67.12	62.80
135.0	185.28	145.24	121.29	103.09	89.55	77.61	70.59	65.09	60.09
180.0	134.75	109.61	94.71	84.56	75.84	68.47	64.24	60.94	57.56
225.0	109.35	94.80	83.88	73.81	68.05	63.65	59.50	57.05	55.02
270.0	113.42	91.92	80.92	72.96	66.53	60.60	57.39	54.85	52.82
315.0	94.04	84.39	75.24	69.83	64.58	61.45	58.82	56.62	54.42
360.0	114.26	95.05	84.05	75.58	68.05	63.65	60.43	57.22	55.19

Intensity data(cd)

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	53.41	52.14	50.61	49.60	48.50	47.57	46.21	45.11	43.93
45.0	55.86	53.92	52.22	50.95	49.43	48.33	47.31	46.21	44.94
90.0	60.01	57.81	55.52	53.92	52.14	50.78	49.35	47.74	46.38
135.0	57.30	54.51	52.82	51.38	50.11	48.75	47.74	46.81	45.45
180.0	55.78	54.00	52.22	50.87	49.77	48.33	47.14	46.04	44.94
225.0	52.90	51.46	50.19	48.67	47.65	46.55	45.45	44.10	43.00
270.0	50.95	49.60	48.41	47.40	46.04	45.11	43.93	42.91	41.90
315.0	52.90	51.46	50.19	48.67	47.40	46.21	44.69	43.42	42.15
360.0	53.41	52.14	50.61	49.60	48.50	47.57	46.21	45.11	43.93
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	42.49	41.22	39.61	38.34	36.99	35.63	33.94	32.67	31.40
45.0	43.93	42.74	41.30	40.12	38.85	37.24	36.06	34.62	33.01
90.0	45.11	43.76	41.98	40.63	39.27	37.83	36.06	34.70	33.26
135.0	44.52	43.42	42.24	40.71	39.44	38.17	36.48	35.21	33.86
180.0	43.42	42.15	40.88	39.61	37.92	36.65	34.96	33.60	32.33
225.0	41.90	40.63	39.10	37.83	36.23	35.04	33.69	31.99	30.64
270.0	40.54	39.44	38.26	36.73	35.55	34.36	33.18	31.57	30.30
315.0	40.54	39.19	37.92	36.31	35.04	33.94	32.42	31.23	30.05
360.0	42.49	41.22	39.61	38.34	36.99	35.63	33.94	32.67	31.40
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	29.71	28.44	27.08	25.82	24.38	23.11	21.92	20.31	19.04
45.0	31.74	30.30	29.03	27.42	26.15	24.88	23.61	22.18	20.91
90.0	31.57	30.22	28.86	27.25	25.98	24.71	23.19	22.01	20.82
135.0	32.16	30.89	29.54	27.93	26.66	25.39	24.12	22.68	21.41
180.0	30.56	29.29	27.93	26.32	25.05	23.87	22.60	21.41	19.89
225.0	29.29	27.68	26.32	25.05	23.78	22.26	21.08	19.81	18.54
270.0	29.03	27.85	26.24	25.05	23.87	22.43	21.24	19.81	18.62
315.0	28.95	27.68	26.66	25.56	24.38	22.60	21.08	19.13	17.77
360.0	29.71	28.44	27.08	25.82	24.38	23.11	21.92	20.31	19.04
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	17.77	16.17	14.81	14.22	13.54	13.03	12.53	12.10	11.68
45.0	19.38	18.03	16.76	15.07	14.30	13.71	13.12	12.53	11.93
90.0	19.64	18.03	16.93	18.87	23.78	30.30	34.79	37.24	33.09
135.0	20.31	19.13	17.61	16.42	15.24	14.05	13.46	12.70	12.19
180.0	18.62	17.44	15.83	14.47	13.88	13.46	13.20	12.95	12.78
225.0	17.01	15.66	14.47	14.47	14.90	14.90	14.22	13.54	12.87
270.0	17.35	16.08	14.47	13.88	13.29	12.70	12.02	11.51	11.17
315.0	16.42	18.20	22.43	25.82	27.76	25.98	21.33	17.18	13.80
360.0	17.77	16.17	14.81	14.22	13.54	13.03	12.53	12.10	11.68
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	11.26	10.41	9.56	8.89	8.38	7.53	7.03	6.60	6.43
45.0	11.51	11.00	10.24	9.40	8.80	8.38	7.62	7.11	6.69
90.0	26.07	19.04	13.03	10.83	9.99	8.13	7.53	7.11	6.60
135.0	11.68	11.17	10.66	9.90	9.23	8.63	7.96	7.45	6.94
180.0	12.53	11.34	10.24	9.65	8.72	7.79	7.36	6.86	6.69
225.0	11.34	10.41	9.82	8.63	7.70	7.28	6.77	6.43	6.43
270.0	10.50	9.82	8.97	8.55	7.87	7.19	6.77	6.35	6.26
315.0	11.43	10.33	9.48	7.87	7.28	6.77	6.52	6.52	6.43
360.0	11.26	10.41	9.56	8.89	8.38	7.53	7.03	6.60	6.43

Intensity data(cd)

C/ $\gamma(^{\circ})$	90.0
0.0	6.43
45.0	6.52
90.0	6.52
135.0	6.52
180.0	6.43
225.0	6.43
270.0	6.18
315.0	6.43
360.0	6.43