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Nata

Client:

LumCAT: 1-0936-N

Luminaire: 92.70.246.00

Report No: 200728-B005

Test No: 200728-C005

LampCAT: TRIDONIC SLE G7 9MM

Lamp flux(lm): 1458.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V): 35.0400

Current(A): 0.2800

Power (W): 9.8110

PF: 0.0000

Ballast type: DC

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 1195.32, Efficiency(%): 81.99% , Luminous Efficacy(lm/W): 121.84

Central intensity(cd): 5488.875, Maximum intensity(cd): 5488.875

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=22.6

[C90/270]Total=22.6

Field angle(10%Imax): [C0/180]Total=48.6

[C90/270]Total=48.6

Maximum s/h(1/2): C0_180=0.38 C90_270=0.38

Maximum s/h(1/4): C0_180=0.41 C90_270=0.41

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 81.99%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.268%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5488.875	0.000	0	.000%	.000%
1.0	5456.109	5.237	5.237	.359%	.438%
2.0	5361.820	15.527	20.764	1.065%	1.737%
3.0	5205.445	25.273	46.037	1.733%	3.851%
4.0	5011.102	34.198	80.235	2.346%	6.712%
5.0	4763.672	42.051	122.286	2.884%	10.230%
6.0	4456.406	48.454	170.74	3.323%	14.284%
7.0	4158.000	53.469	224.209	3.667%	18.757%
8.0	3839.555	57.237	281.446	3.926%	23.546%
9.0	3497.836	59.466	340.912	4.079%	28.520%
10.0	3150.492	60.165	401.077	4.127%	33.554%
11.0	2840.906	59.866	460.943	4.106%	38.562%
12.0	2543.133	58.855	519.798	4.037%	43.486%
13.0	2235.164	56.706	576.505	3.889%	48.230%
14.0	1972.406	53.857	630.361	3.694%	52.736%
15.0	1748.883	51.088	681.449	3.504%	57.010%
16.0	1541.531	48.214	729.663	3.307%	61.043%
17.0	1330.207	44.721	774.383	3.067%	64.784%
18.0	1203.813	41.780	816.164	2.866%	68.280%
19.0	1073.911	39.628	855.792	2.718%	71.595%
20.0	958.043	37.190	892.982	2.551%	74.706%
21.0	846.105	34.643	927.625	2.376%	77.604%
22.0	752.273	32.120	959.745	2.203%	80.292%
23.0	669.038	29.823	989.568	2.046%	82.787%
24.0	576.837	27.239	1016.808	1.868%	85.065%
25.0	488.032	24.213	1041.02	1.661%	87.091%
26.0	410.344	21.206	1062.227	1.455%	88.865%
27.0	336.129	18.263	1080.489	1.253%	90.393%
28.0	257.794	15.037	1095.526	1.031%	91.651%
29.0	207.998	12.186	1107.713	.836%	92.670%
30.0	148.282	9.620	1117.332	.660%	93.475%
31.0	104.330	7.030	1124.362	.482%	94.063%
32.0	75.164	5.142	1129.504	.353%	94.494%
33.0	59.175	3.958	1133.462	.271%	94.825%
34.0	49.873	3.300	1136.762	.226%	95.101%
35.0	44.705	2.937	1139.699	.201%	95.346%
36.0	40.943	2.727	1142.426	.187%	95.575%
37.0	37.287	2.551	1144.978	.175%	95.788%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	34.263	2.388	1147.366	.164%	95.988%
39.0	31.542	2.246	1149.612	.154%	96.176%
40.0	28.645	2.099	1151.711	.144%	96.351%
41.0	26.332	1.958	1153.669	.134%	96.515%
42.0	24.202	1.836	1155.505	.126%	96.669%
43.0	22.085	1.715	1157.219	.118%	96.812%
44.0	20.496	1.607	1158.826	.110%	96.947%
45.0	18.928	1.515	1160.342	.104%	97.073%
46.0	17.009	1.405	1161.747	.096%	97.191%
47.0	15.722	1.302	1163.049	.089%	97.300%
48.0	14.505	1.222	1164.271	.084%	97.402%
49.0	13.205	1.138	1165.409	.078%	97.497%
50.0	12.206	1.059	1166.468	.073%	97.586%
51.0	11.257	0.993	1167.461	.068%	97.669%
52.0	10.371	0.928	1168.389	.064%	97.747%
53.0	9.598	0.869	1169.258	.060%	97.819%
54.0	9.070	0.823	1170.08	.056%	97.888%
55.0	8.719	0.794	1170.874	.054%	97.955%
56.0	8.395	0.773	1171.648	.053%	98.019%
57.0	8.121	0.755	1172.403	.052%	98.082%
58.0	7.966	0.744	1173.147	.051%	98.145%
59.0	7.819	0.738	1173.885	.051%	98.206%
60.0	7.699	0.733	1174.618	.050%	98.268%
61.0	7.580	0.729	1175.347	.050%	98.329%
62.0	7.502	0.727	1176.074	.050%	98.390%
63.0	7.432	0.726	1176.8	.050%	98.450%
64.0	7.474	0.731	1177.532	.050%	98.511%
65.0	7.481	0.740	1178.272	.051%	98.573%
66.0	7.376	0.741	1179.013	.051%	98.635%
67.0	7.228	0.734	1179.747	.050%	98.697%
68.0	7.095	0.726	1180.473	.050%	98.758%
69.0	7.010	0.720	1181.192	.049%	98.818%
70.0	6.912	0.715	1181.907	.049%	98.878%
71.0	6.806	0.709	1182.616	.049%	98.937%
72.0	6.666	0.700	1183.317	.048%	98.995%
73.0	6.553	0.691	1184.008	.047%	99.053%
74.0	6.490	0.686	1184.694	.047%	99.111%
75.0	6.427	0.682	1185.376	.047%	99.168%

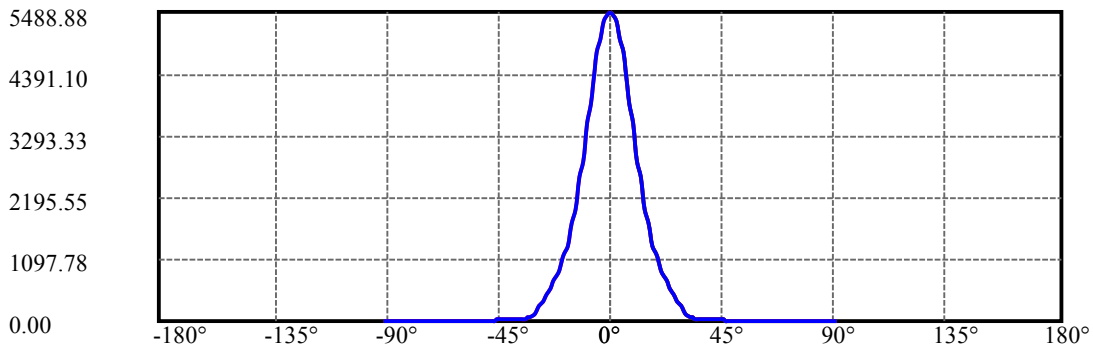
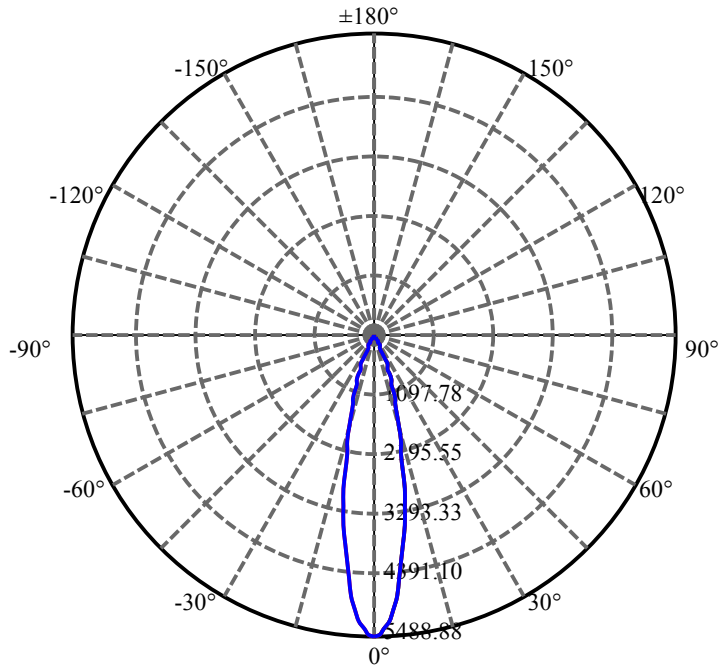
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.356	0.679	1186.055	.047%	99.225%
77.0	6.272	0.673	1186.728	.046%	99.281%
78.0	6.209	0.668	1187.396	.046%	99.337%
79.0	6.152	0.664	1188.06	.046%	99.392%
80.0	6.124	0.662	1188.722	.045%	99.448%
81.0	6.152	0.664	1189.386	.046%	99.503%
82.0	6.230	0.671	1190.058	.046%	99.559%
83.0	6.286	0.680	1190.738	.047%	99.616%
84.0	6.349	0.688	1191.426	.047%	99.674%
85.0	6.328	0.692	1192.118	.047%	99.732%
86.0	6.173	0.683	1192.802	.047%	99.789%
87.0	5.766	0.653	1193.455	.045%	99.844%
88.0	5.688	0.627	1194.082	.043%	99.896%
89.0	5.660	0.622	1194.704	.043%	99.948%
90.0	5.646	0.620	1195.324	.043%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1117.33	76.64%	93.48%
0-40	1151.71	78.99%	96.35%
0-60	1174.62	80.57%	98.27%
0-90	1194.70	81.94%	99.95%
0-120	1194.70	81.94%	99.95%
0-180	1195.32	81.99%	100.00%
60-90	20.82	1.43%	1.74%
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%
0-21.89	956.26	65.59%	80.00%

ZONAL LUMEN SUMMARY

0-10	401.08
10-20	491.91
20-30	224.35
30-40	34.38
40-50	14.76
50-60	8.15
60-70	7.29
70-80	6.81
80-90	5.98
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



C0(Max): —————

C0/C180: —————

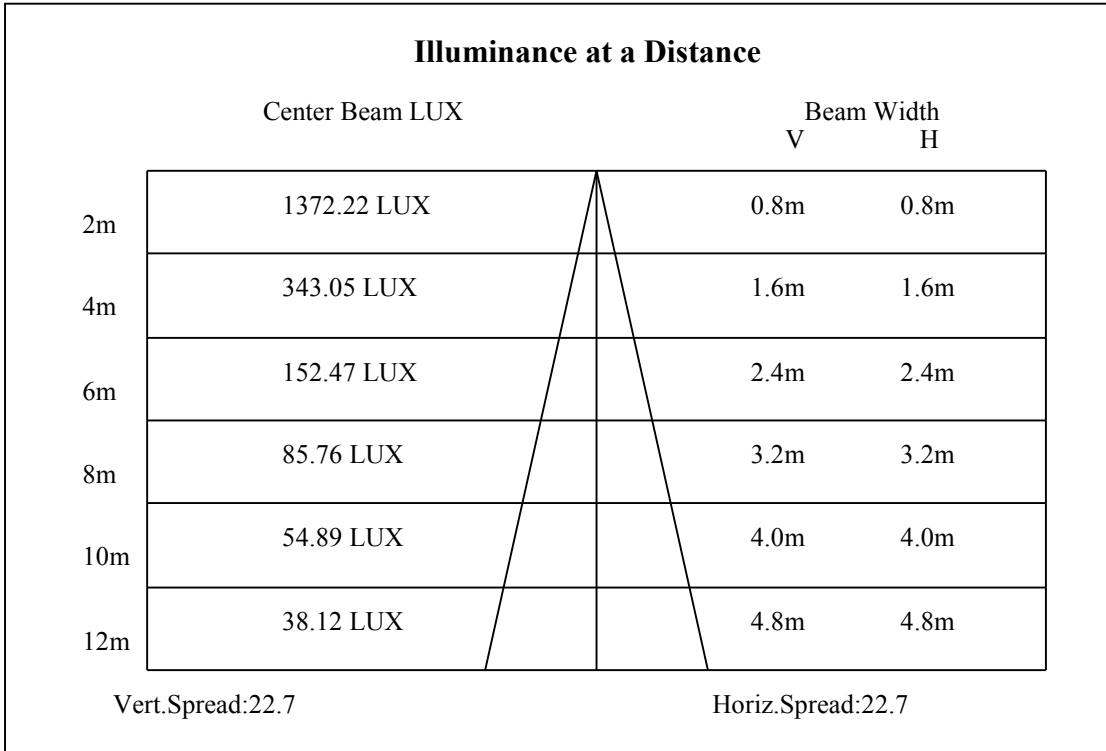
C90/C270: —————

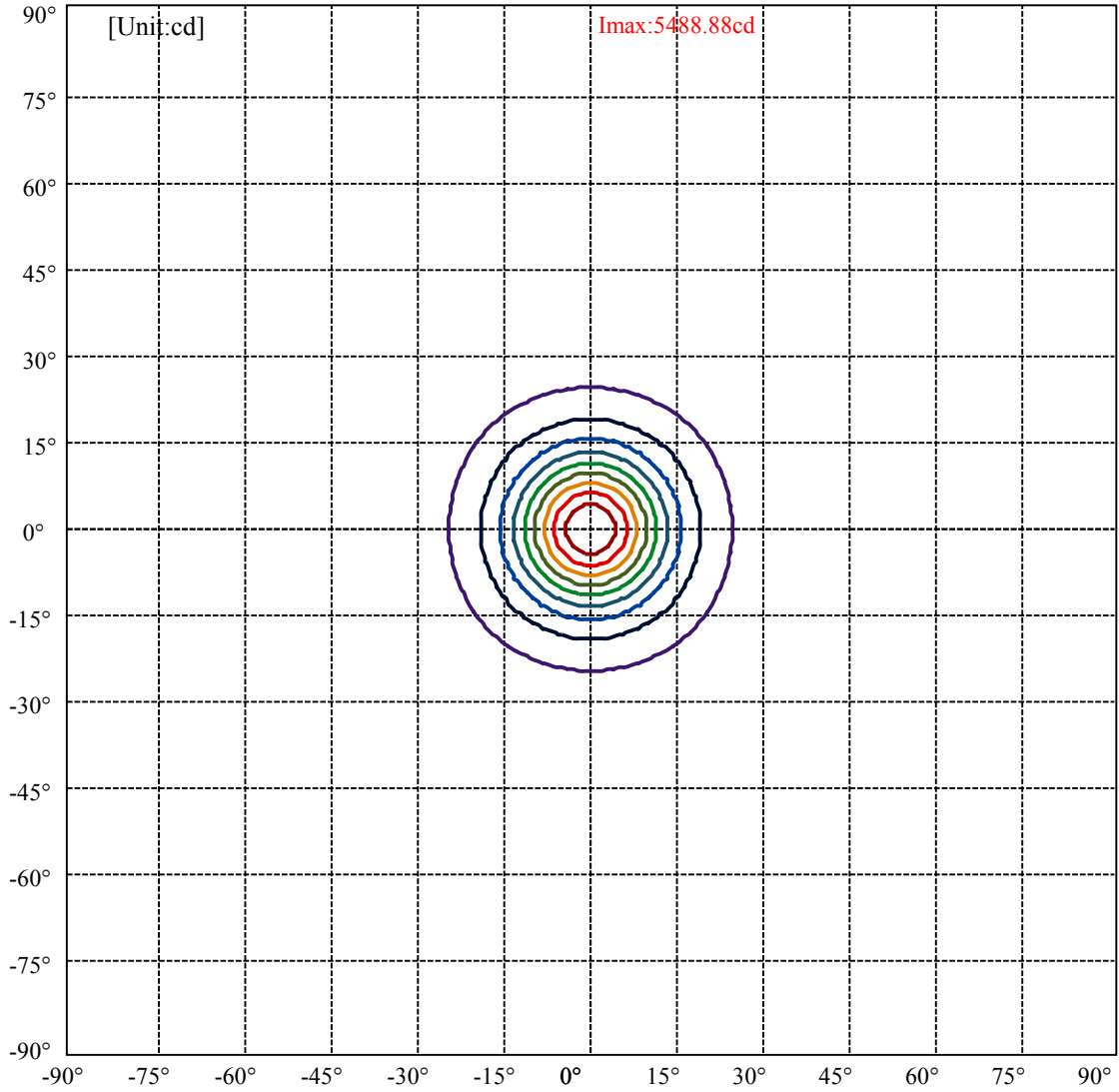
Field angle(10%Imax):C0/180Left:24.3 Right:24.3

:C90/270Left:24.3 Right:24.3

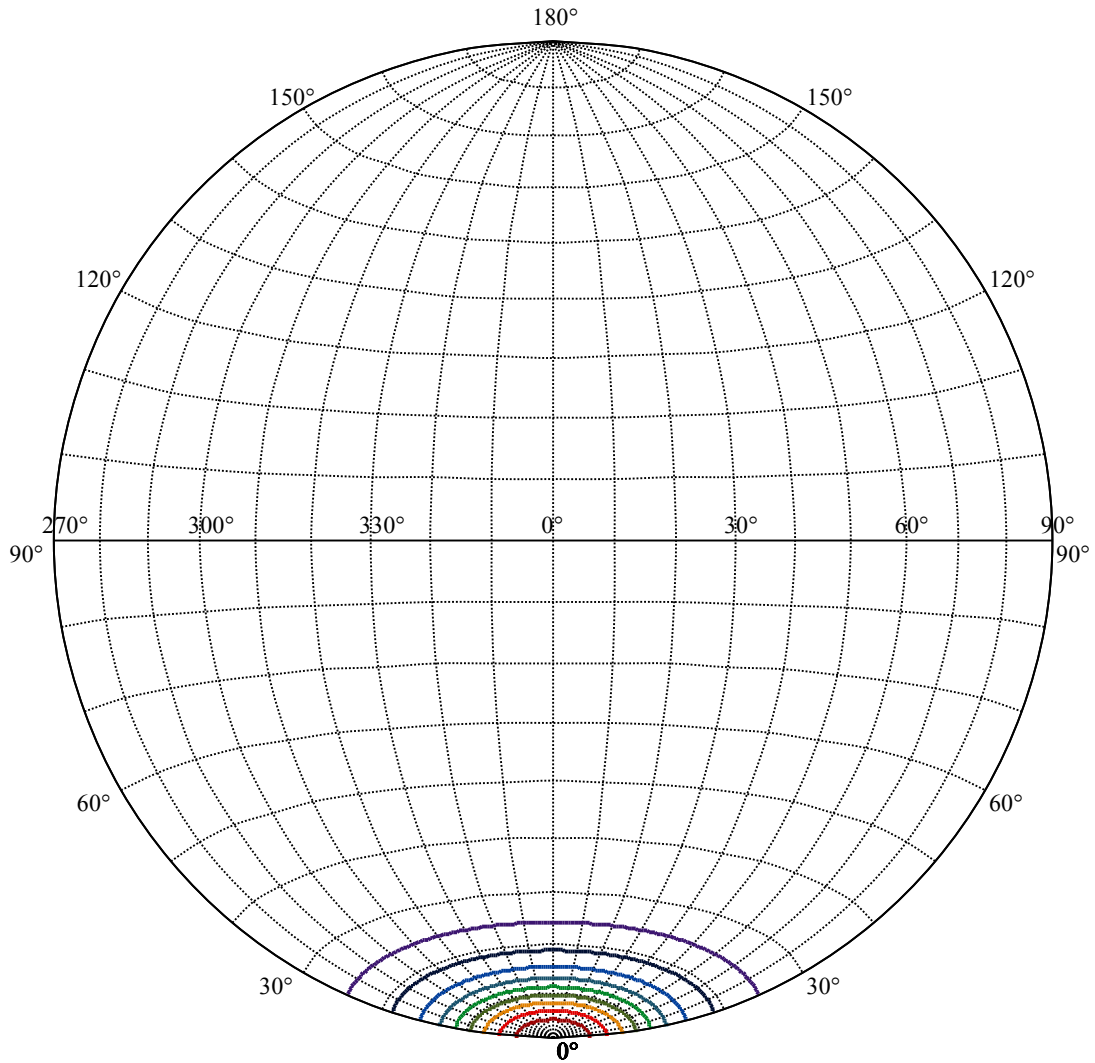
Beam Angle(50%Imax):C0/180Left:11.3 Right:11.3

:C90/270Left:11.3 Right:11.3





(10%Imax) 548.888	—
(20%Imax) 1097.78	—
(30%Imax) 1646.66	—
(40%Imax) 2195.55	—
(50%Imax) 2744.44	—
(60%Imax) 3293.32	—
(70%Imax) 3842.21	—
(80%Imax) 4391.1	—
(90%Imax) 4939.99	—



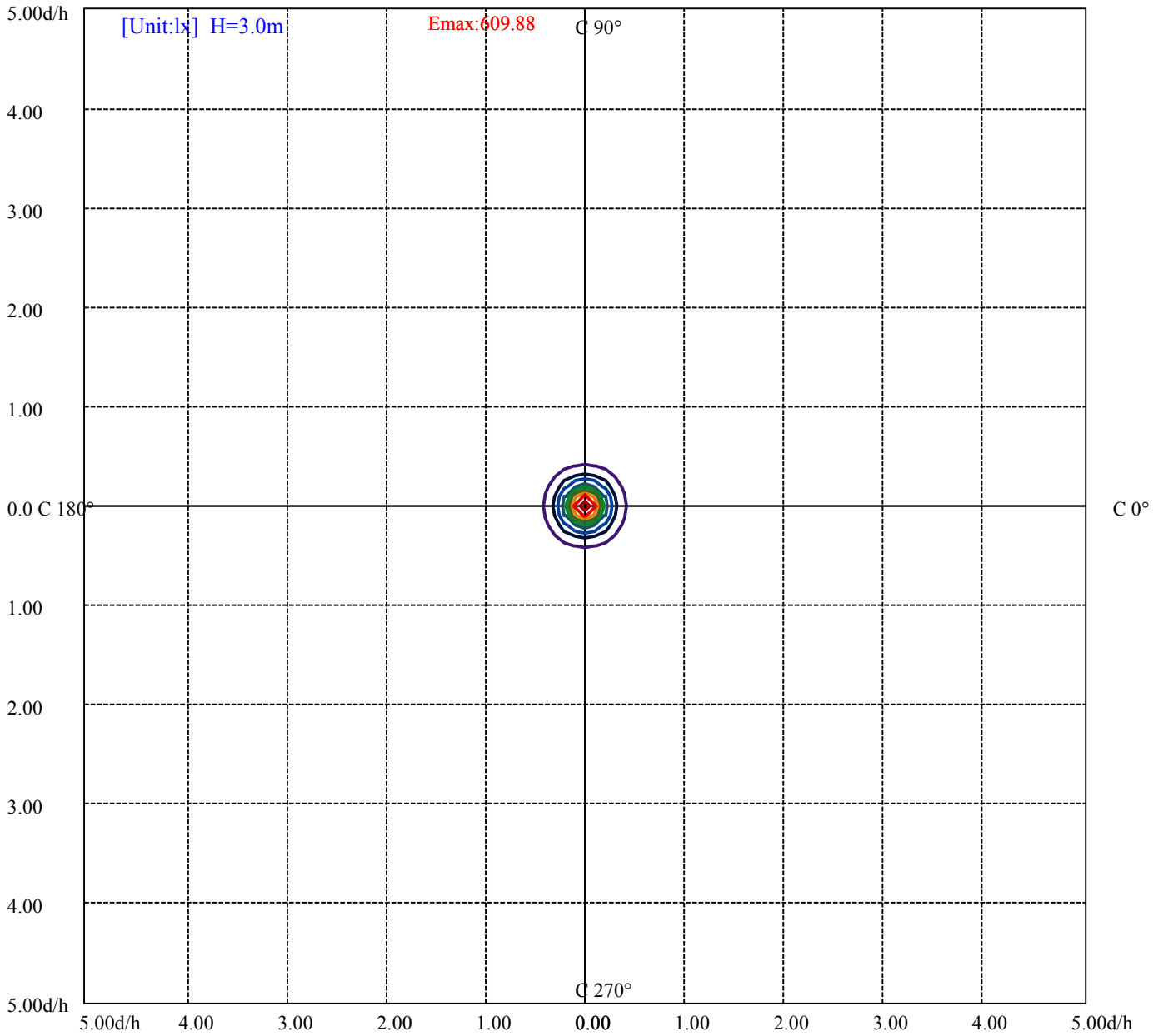
House

[Unit:cd]

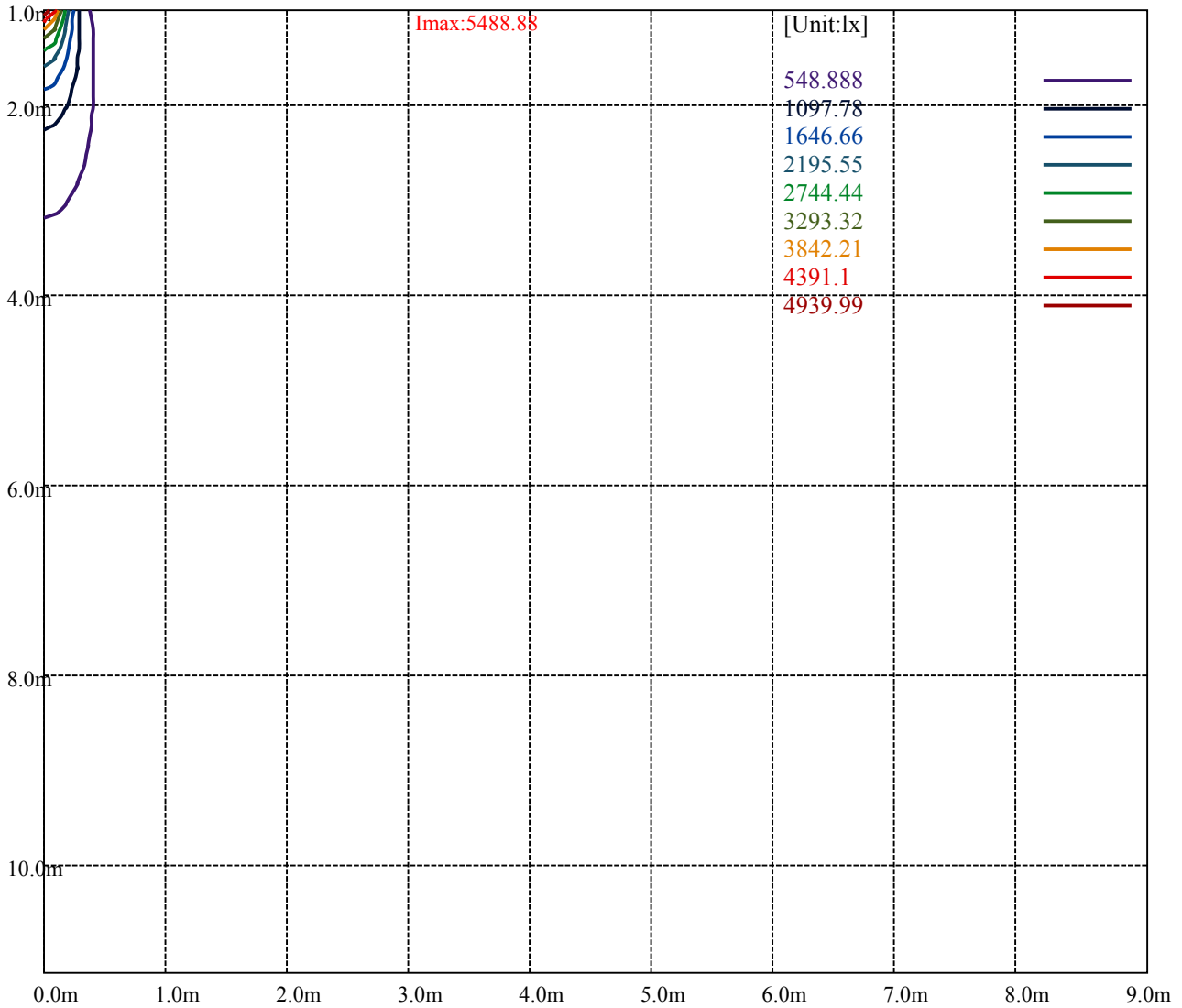
Road

Imax:5488.88

(10%Imax) 548.888	—
(20%Imax) 1097.78	—
(30%Imax) 1646.66	—
(40%Imax) 2195.55	—
(50%Imax) 2744.44	—
(60%Imax) 3293.32	—
(70%Imax) 3842.21	—
(80%Imax) 4391.1	—
(90%Imax) 4939.99	—



(10%Emax) 60.98745	—
(20%Emax) 121.9744	—
(30%Emax) 182.9622	—
(40%Emax) 243.95	—
(50%Emax) 304.9378	—
(60%Emax) 365.9244	—
(70%Emax) 426.9122	—
(80%Emax) 487.9	—
(90%Emax) 548.8867	—



Luminance Table

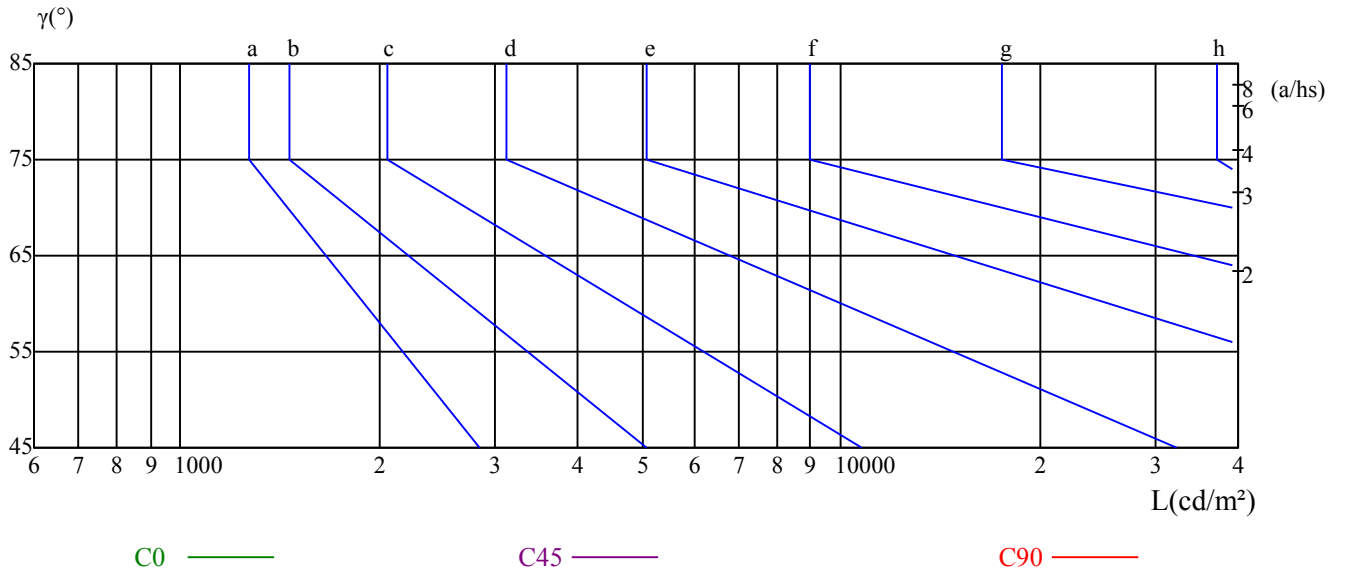
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

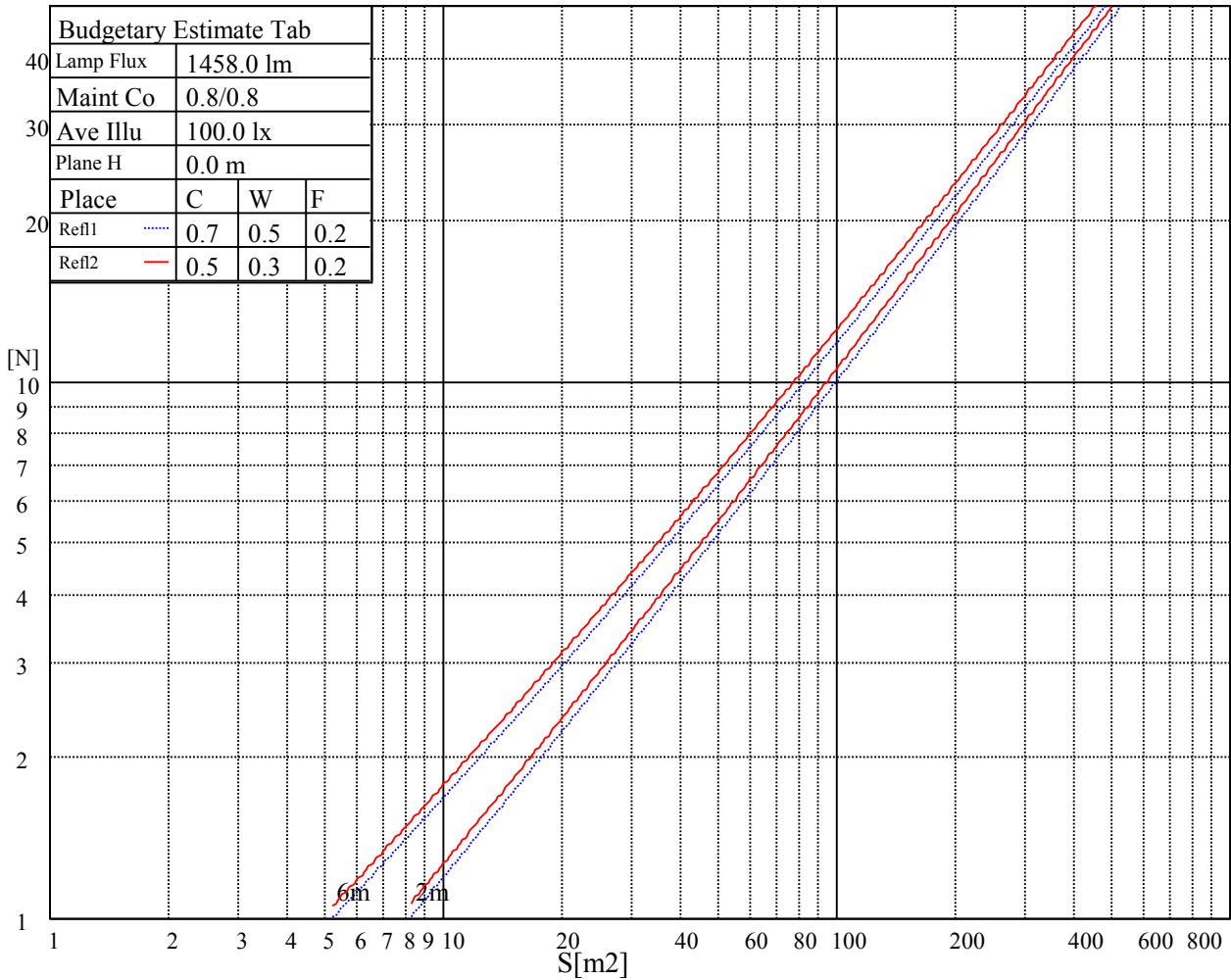
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

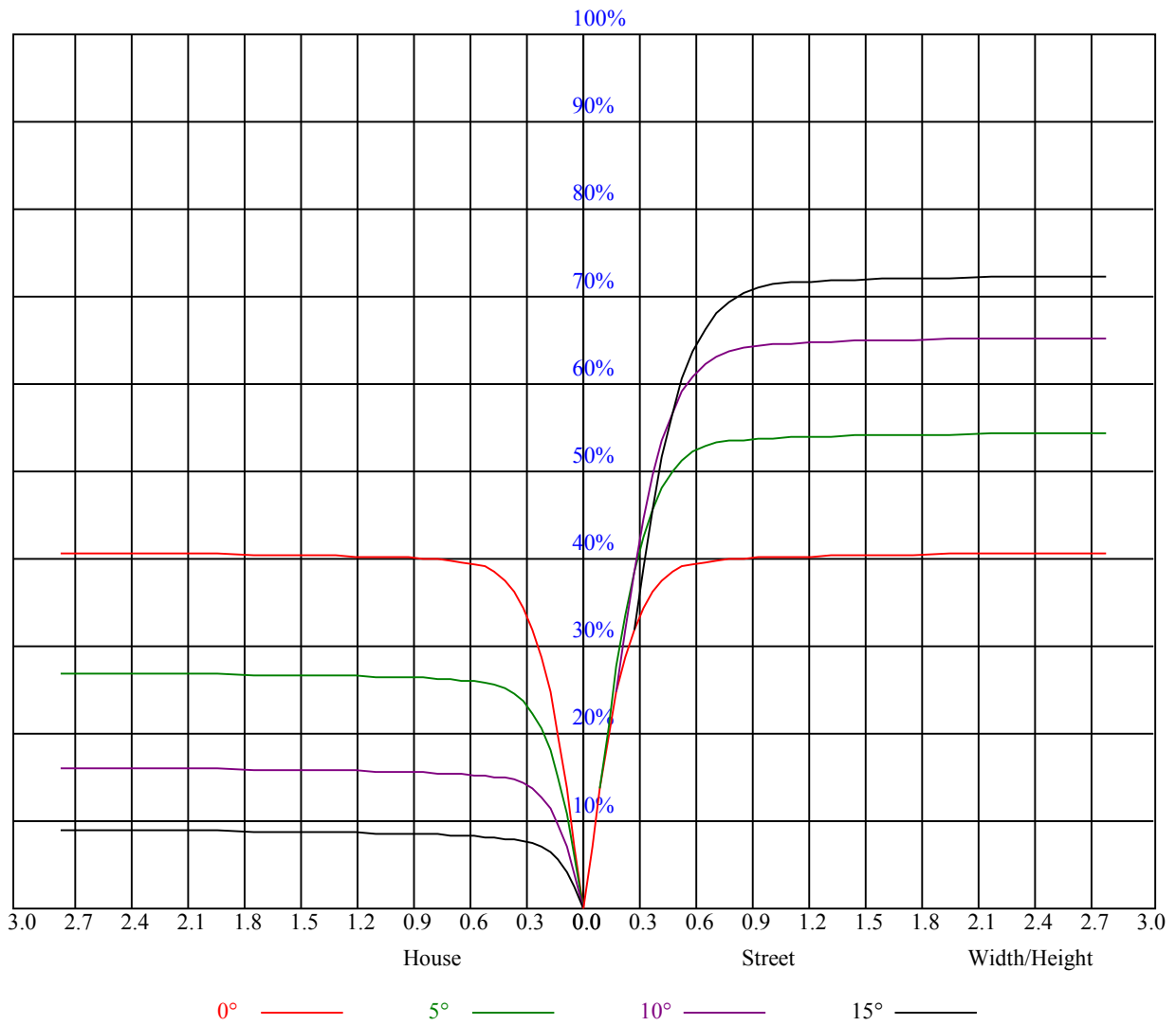


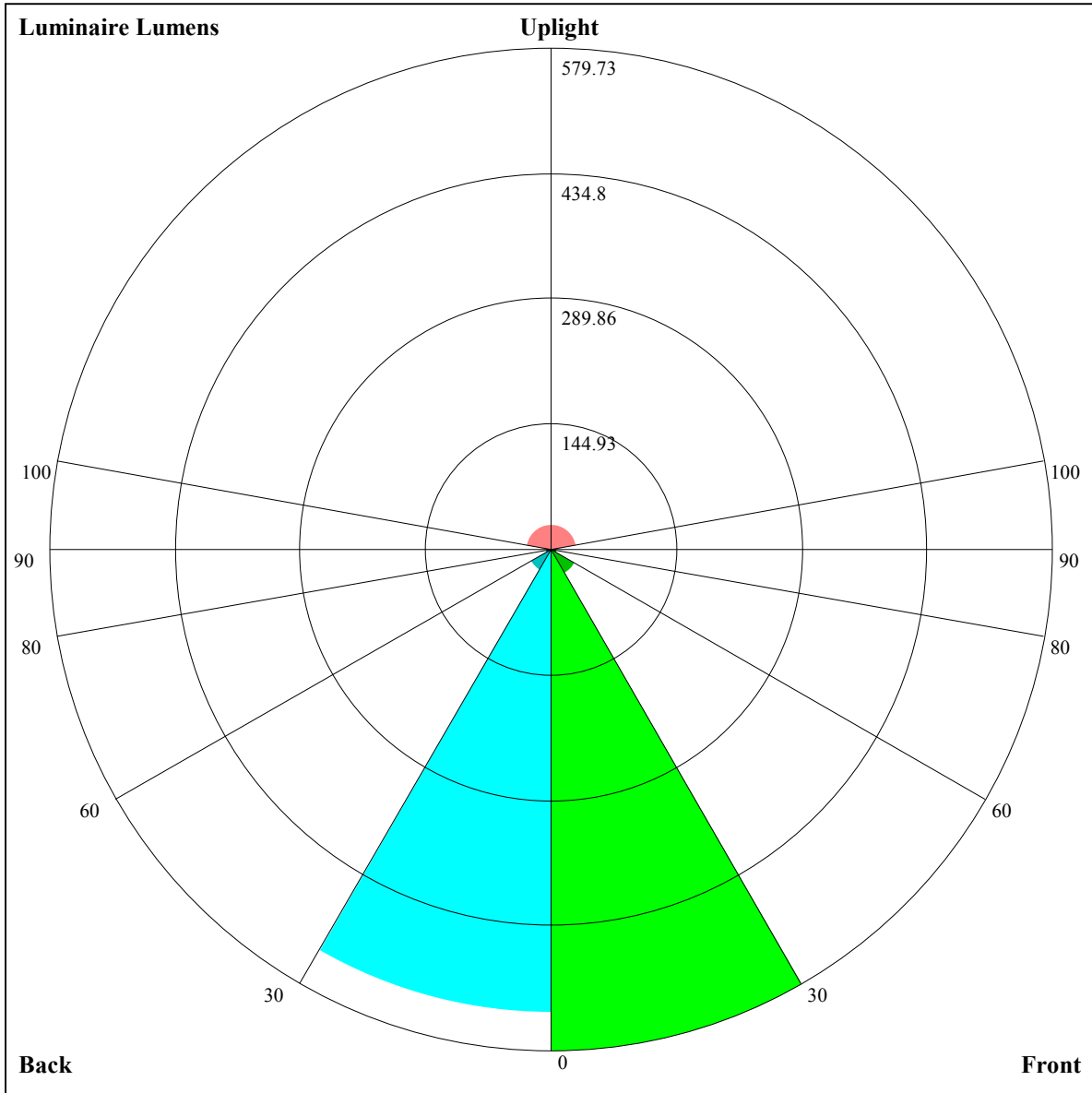
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	
	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	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	
8H	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	0.98	0.98	0.98	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.84	0.84	0.84	0.82
1	0.92	0.90	0.89	0.90	0.89	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.78
2	0.87	0.85	0.82	0.86	0.84	0.82	0.83	0.81	0.80	0.81	0.79	0.78	0.79	0.78	0.77	0.75
3	0.83	0.80	0.78	0.82	0.79	0.77	0.80	0.78	0.76	0.78	0.76	0.75	0.77	0.75	0.74	0.72
4	0.80	0.76	0.74	0.79	0.76	0.73	0.77	0.75	0.73	0.76	0.74	0.72	0.74	0.73	0.71	0.70
5	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.74	0.71	0.69	0.72	0.70	0.69	0.68
6	0.74	0.70	0.68	0.73	0.70	0.68	0.72	0.69	0.67	0.71	0.69	0.67	0.70	0.68	0.66	0.65
7	0.72	0.68	0.65	0.71	0.68	0.65	0.70	0.67	0.65	0.69	0.67	0.65	0.68	0.66	0.64	0.63
8	0.69	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.63	0.67	0.65	0.63	0.67	0.64	0.62	0.62
9	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.63	0.61	0.65	0.62	0.61	0.60
10	0.65	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.63	0.61	0.59	0.58





Luminaire Lumens:

FL=579.73,FM=30.85,FH=7.06,FVH=3.27

BL=536.6,BM=27.92,BH=7.01,BVH=3.27

UL=6.16,UH=29.32

BUG Rating:B2-U2-G0

Intensity data(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	5495.63	5524.31	5488.31	5376.94	5228.44	5027.63	4723.88	4451.06	4156.88
45.0	5491.13	5475.94	5376.38	5249.25	5097.94	4817.25	4533.19	4287.94	3913.31
90.0	5470.31	5376.94	5247.56	5044.50	4793.06	4532.63	4208.63	3865.50	3551.06
135.0	5498.44	5429.81	5301.00	5107.50	4891.50	4633.31	4294.13	3988.69	3684.38
180.0	5495.63	5398.31	5259.94	5060.25	4800.94	4536.56	4210.31	3862.69	3546.00
225.0	5491.13	5445.00	5327.44	5156.44	4957.88	4676.63	4375.69	4083.19	3740.06
270.0	5470.31	5491.69	5448.94	5330.81	5177.81	4966.31	4669.31	4392.00	4092.19
315.0	5498.44	5506.88	5445.00	5317.88	5141.25	4919.06	4636.13	4332.94	4032.56
360.0	5495.63	5524.31	5488.31	5376.94	5228.44	5027.63	4723.88	4451.06	4156.88
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3785.63	3473.44	3164.06	2819.25	2498.63	2228.06	1947.38	1730.81	1518.19
45.0	3562.88	3244.50	2901.38	2607.19	2297.81	2013.75	1794.38	1581.75	1397.25
90.0	3234.38	2854.69	2562.75	2297.81	1988.44	1770.75	1578.94	1392.19	1115.55
135.0	3289.50	2971.69	2681.44	2361.38	2070.56	1842.75	1616.06	1425.38	1275.19
180.0	3224.25	2836.69	2548.69	2277.00	1997.44	1752.75	1562.63	1374.19	1111.11
225.0	3432.38	3074.63	2738.25	2449.69	2180.81	1883.25	1679.06	1494.00	1293.75
270.0	3726.56	3417.75	3112.88	2813.63	2450.81	2181.94	1937.81	1695.38	1490.06
315.0	3727.13	3330.56	3017.81	2719.13	2396.81	2106.00	1874.81	1638.56	1440.56
360.0	3785.63	3473.44	3164.06	2819.25	2498.63	2228.06	1947.38	1730.81	1518.19
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1338.75	1198.69	1063.69	938.25	835.88	752.63	650.81	569.81	489.94
45.0	1248.75	1124.44	987.75	881.44	789.75	702.56	606.38	524.81	435.38
90.0	1099.74	974.70	869.12	769.39	680.34	599.18	521.16	423.62	349.48
135.0	1130.06	1017.56	898.31	792.00	711.00	628.88	522.56	444.94	370.13
180.0	1080.00	952.43	849.43	753.19	663.58	581.51	504.28	417.88	335.76
225.0	1110.83	1039.78	930.83	805.73	725.29	642.43	550.41	459.11	386.78
270.0	1333.13	1176.75	1043.44	930.94	821.25	736.31	642.38	549.00	469.13
315.0	1289.25	1106.94	1021.78	897.92	791.10	708.81	616.73	515.08	446.18
360.0	1338.75	1198.69	1063.69	938.25	835.88	752.63	650.81	569.81	489.94
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	400.50	317.81	284.63	193.11	136.24	100.29	72.68	55.41	47.76
45.0	366.75	285.75	214.14	162.11	116.61	80.78	62.21	51.92	45.00
90.0	279.68	204.02	153.73	113.23	79.76	59.74	50.74	44.94	41.96
135.0	303.75	249.36	169.82	129.38	85.50	62.49	53.66	46.29	42.08
180.0	271.52	196.09	148.11	109.35	75.77	56.42	48.66	43.93	40.67
225.0	306.39	235.29	181.13	129.60	93.60	66.54	53.38	47.93	43.76
270.0	389.81	295.88	286.88	176.01	122.85	89.49	67.16	55.07	48.99
315.0	370.63	278.16	225.56	173.48	124.31	85.56	64.91	53.49	47.42
360.0	400.50	317.81	284.63	193.11	136.24	100.29	72.68	55.41	47.76
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	43.76	39.88	36.11	33.53	30.71	28.13	25.71	23.57	21.83
45.0	41.23	37.86	34.14	31.73	29.19	26.66	24.19	22.39	20.64
90.0	38.53	34.76	32.74	29.81	26.72	24.92	23.06	20.76	19.58
135.0	39.21	35.33	32.91	30.66	27.34	25.43	23.57	21.32	19.97
180.0	37.35	34.31	32.23	29.53	26.78	24.81	23.01	21.04	19.52
225.0	39.09	35.89	33.30	30.09	27.51	25.43	23.18	21.21	19.80
270.0	45.06	41.12	37.18	34.43	31.44	28.52	26.10	23.85	21.83
315.0	43.31	39.15	35.49	32.57	29.48	26.78	24.81	22.56	20.81
360.0	43.76	39.88	36.11	33.53	30.71	28.13	25.71	23.57	21.83

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	20.64	18.51	16.82	15.69	14.12	12.99	12.15	11.08	10.13
45.0	19.29	17.27	16.03	14.74	13.39	12.32	11.42	10.46	9.56
90.0	17.78	15.92	14.91	13.67	12.49	11.64	10.58	9.79	9.23
135.0	18.34	16.48	15.53	14.18	12.88	12.09	11.03	10.13	9.51
180.0	17.72	16.03	15.02	13.73	12.71	11.70	10.69	9.96	9.39
225.0	18.00	16.20	15.13	13.73	12.66	11.76	10.69	9.90	9.28
270.0	20.19	18.28	16.54	15.47	13.89	12.71	11.93	10.91	9.90
315.0	19.46	17.38	15.81	14.85	13.50	12.43	11.59	10.74	9.79
360.0	20.64	18.51	16.82	15.69	14.12	12.99	12.15	11.08	10.13
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	9.51	9.11	8.72	8.44	8.16	8.04	7.88	7.76	7.65
45.0	9.11	8.78	8.44	8.10	7.99	7.76	7.71	7.59	7.48
90.0	8.72	8.44	8.10	7.93	7.76	7.65	7.54	7.43	7.37
135.0	9.11	8.72	8.44	8.16	8.04	7.93	7.76	7.65	7.59
180.0	8.94	8.61	8.33	8.10	8.04	7.88	7.76	7.65	7.54
225.0	8.78	8.44	8.16	7.88	7.76	7.65	7.54	7.43	7.37
270.0	9.28	8.89	8.55	8.21	7.99	7.82	7.71	7.54	7.48
315.0	9.11	8.78	8.44	8.16	7.99	7.82	7.71	7.59	7.54
360.0	9.51	9.11	8.72	8.44	8.16	8.04	7.88	7.76	7.65
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	7.59	7.54	7.59	7.65	7.48	7.31	7.20	7.09	7.03
45.0	7.43	7.43	7.54	7.31	7.20	7.09	6.98	6.92	6.81
90.0	7.31	7.43	7.31	7.14	7.03	6.92	6.86	6.75	6.58
135.0	7.48	7.65	7.59	7.43	7.26	7.14	7.09	6.98	6.86
180.0	7.48	7.65	7.54	7.37	7.20	7.09	7.03	6.92	6.75
225.0	7.31	7.37	7.37	7.20	7.03	6.98	6.86	6.81	6.69
270.0	7.37	7.31	7.37	7.43	7.26	7.09	6.98	6.86	6.81
315.0	7.48	7.43	7.54	7.48	7.37	7.14	7.09	6.98	6.92
360.0	7.59	7.54	7.59	7.65	7.48	7.31	7.20	7.09	7.03
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.92	6.69	6.64	6.53	6.53	6.47	6.36	6.30	6.24
45.0	6.64	6.53	6.41	6.41	6.30	6.24	6.13	6.08	6.02
90.0	6.47	6.41	6.36	6.30	6.19	6.08	6.08	6.02	5.96
135.0	6.75	6.64	6.64	6.58	6.53	6.41	6.36	6.36	6.47
180.0	6.64	6.58	6.47	6.41	6.30	6.24	6.19	6.13	6.08
225.0	6.53	6.41	6.36	6.30	6.24	6.13	6.08	6.02	5.96
270.0	6.69	6.53	6.47	6.36	6.30	6.24	6.19	6.08	6.02
315.0	6.69	6.64	6.58	6.53	6.47	6.36	6.30	6.24	6.24
360.0	6.92	6.69	6.64	6.53	6.53	6.47	6.36	6.30	6.24
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.13	6.13	6.08	6.02	6.02	5.96	5.91	5.79	5.74
45.0	5.96	5.91	5.85	5.85	5.79	5.79	5.74	5.68	5.63
90.0	5.91	5.85	5.85	5.79	5.74	5.74	5.68	5.63	5.63
135.0	7.03	7.37	7.71	7.99	7.93	6.53	5.74	5.68	5.68
180.0	6.02	5.96	5.91	5.91	5.79	5.79	5.74	5.68	5.68
225.0	5.91	5.91	5.85	5.85	5.79	5.74	5.68	5.63	5.63
270.0	6.02	6.02	5.91	5.91	5.85	5.85	5.79	5.68	5.63
315.0	6.24	6.69	7.14	7.48	7.71	7.99	5.85	5.74	5.68
360.0	6.13	6.13	6.08	6.02	6.02	5.96	5.91	5.79	5.74

Intensity data(cd)

C/γ(°)	90.0
0.0	5.74
45.0	5.63
90.0	5.63
135.0	5.63
180.0	5.68
225.0	5.57
270.0	5.63
315.0	5.68
360.0	5.74