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Nata

Client:

LumCAT: 1-09536-N

Luminaire: 92.70.246.00

Report No: 200728-B005

Test No: 200728-C005

LampCAT: SAMSUNG LC009D

Lamp flux(lm): 1393.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V): 34.5500

Current(A): 0.2860

Power (W): 9.8810

PF: 0.0000

Ballast type: DC

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 1132.57, Efficiency(%): 81.30% , Luminous Efficacy(lm/W): 114.62

Central intensity(cd): 4575.938, Maximum intensity(cd): 4575.938

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.8

[C90/270]Total=24.8

Field angle(10%Imax): [C0/180]Total=50.8

[C90/270]Total=50.8

Maximum s/h(1/2): C0_180=0.42 C90_270=0.42

Maximum s/h(1/4): C0_180=0.44 C90_270=0.44

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 81.30%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.209%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4575.938	0.000	0	.000%	.000%
1.0	4556.672	4.370	4.37	.314%	.386%
2.0	4493.742	12.990	17.36	.933%	1.533%
3.0	4394.250	21.257	38.617	1.526%	3.410%
4.0	4241.953	28.908	67.525	2.075%	5.962%
5.0	4070.180	35.758	103.283	2.567%	9.119%
6.0	3853.055	41.639	144.922	2.989%	12.796%
7.0	3617.297	46.368	191.29	3.329%	16.890%
8.0	3393.281	50.173	241.464	3.602%	21.320%
9.0	3150.000	53.030	294.494	3.807%	26.002%
10.0	2864.742	54.431	348.925	3.907%	30.808%
11.0	2626.453	54.868	403.793	3.939%	35.653%
12.0	2400.680	54.954	458.747	3.945%	40.505%
13.0	2127.516	53.738	512.485	3.858%	45.250%
14.0	1917.703	51.778	564.264	3.717%	49.822%
15.0	1730.883	50.089	614.353	3.596%	54.244%
16.0	1530.563	47.789	662.142	3.431%	58.464%
17.0	1355.695	44.947	707.089	3.227%	62.433%
18.0	1194.574	42.048	749.137	3.019%	66.145%
19.0	1076.414	39.511	788.648	2.836%	69.634%
20.0	961.502	37.300	825.948	2.678%	72.927%
21.0	856.427	34.908	860.856	2.506%	76.009%
22.0	750.832	32.299	893.154	2.319%	78.861%
23.0	665.100	29.710	922.864	2.133%	81.484%
24.0	576.077	27.137	950.001	1.948%	83.880%
25.0	486.105	24.152	974.152	1.734%	86.013%
26.0	412.777	21.218	995.371	1.523%	87.886%
27.0	341.388	18.451	1013.821	1.325%	89.515%
28.0	269.416	15.464	1029.286	1.110%	90.881%
29.0	217.308	12.734	1042.02	.914%	92.005%
30.0	160.516	10.201	1052.221	.732%	92.906%
31.0	113.541	7.627	1059.848	.547%	93.579%
32.0	83.974	5.659	1065.506	.406%	94.079%
33.0	63.970	4.359	1069.865	.313%	94.464%
34.0	51.616	3.498	1073.363	.251%	94.773%
35.0	45.865	3.027	1076.39	.217%	95.040%
36.0	42.166	2.803	1079.193	.201%	95.287%
37.0	38.320	2.625	1081.818	.188%	95.519%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	35.423	2.461	1084.28	.177%	95.737%
39.0	32.477	2.318	1086.597	.166%	95.941%
40.0	29.461	2.160	1088.757	.155%	96.132%
41.0	27.155	2.016	1090.773	.145%	96.310%
42.0	24.989	1.894	1092.668	.136%	96.477%
43.0	22.704	1.767	1094.435	.127%	96.633%
44.0	21.108	1.654	1096.088	.119%	96.779%
45.0	19.526	1.562	1097.65	.112%	96.917%
46.0	17.459	1.446	1099.096	.104%	97.045%
47.0	16.172	1.338	1100.434	.096%	97.163%
48.0	14.977	1.259	1101.693	.090%	97.274%
49.0	13.620	1.174	1102.867	.084%	97.378%
50.0	12.586	1.093	1103.96	.078%	97.474%
51.0	11.672	1.026	1104.986	.074%	97.565%
52.0	10.596	0.956	1105.942	.069%	97.649%
53.0	9.858	0.890	1106.831	.064%	97.728%
54.0	9.330	0.846	1107.677	.061%	97.802%
55.0	8.895	0.814	1108.491	.058%	97.874%
56.0	8.564	0.789	1109.28	.057%	97.944%
57.0	8.262	0.769	1110.049	.055%	98.012%
58.0	8.051	0.754	1110.803	.054%	98.078%
59.0	7.868	0.744	1111.547	.053%	98.144%
60.0	7.720	0.736	1112.284	.053%	98.209%
61.0	7.587	0.730	1113.014	.052%	98.274%
62.0	7.495	0.727	1113.741	.052%	98.338%
63.0	7.404	0.725	1114.466	.052%	98.402%
64.0	7.418	0.727	1115.193	.052%	98.466%
65.0	7.460	0.736	1115.929	.053%	98.531%
66.0	7.341	0.738	1116.668	.053%	98.596%
67.0	7.144	0.728	1117.396	.052%	98.661%
68.0	7.003	0.717	1118.113	.051%	98.724%
69.0	6.905	0.710	1118.822	.051%	98.787%
70.0	6.806	0.704	1119.526	.051%	98.849%
71.0	6.715	0.699	1120.225	.050%	98.910%
72.0	6.560	0.690	1120.916	.050%	98.971%
73.0	6.455	0.681	1121.596	.049%	99.031%
74.0	6.384	0.675	1122.271	.048%	99.091%
75.0	6.321	0.671	1122.942	.048%	99.150%

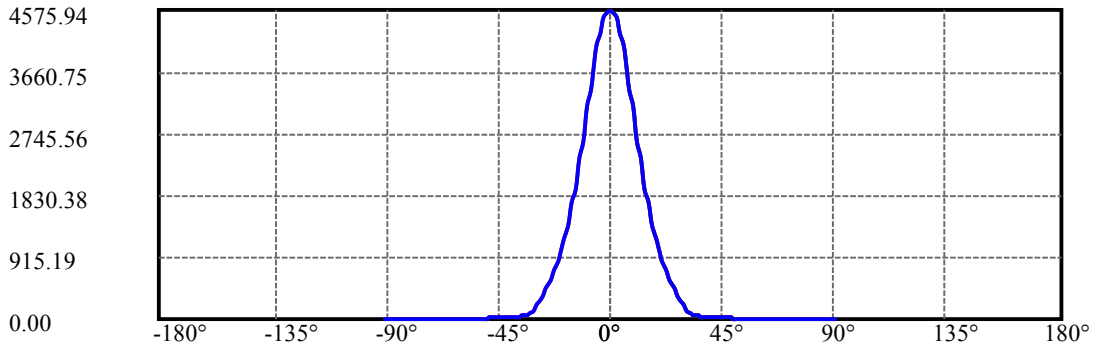
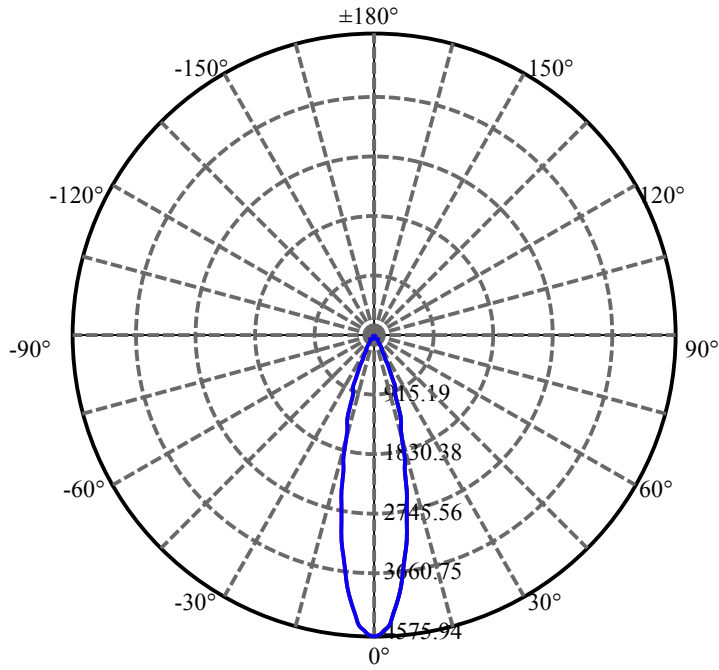
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.223	0.666	1123.608	.048%	99.209%
77.0	6.166	0.661	1124.269	.047%	99.267%
78.0	6.082	0.656	1124.924	.047%	99.325%
79.0	6.033	0.651	1125.575	.047%	99.383%
80.0	5.991	0.648	1126.224	.047%	99.440%
81.0	5.955	0.646	1126.87	.046%	99.497%
82.0	5.970	0.647	1127.516	.046%	99.554%
83.0	6.054	0.654	1128.17	.047%	99.612%
84.0	6.124	0.663	1128.833	.048%	99.670%
85.0	6.124	0.668	1129.502	.048%	99.729%
86.0	5.941	0.660	1130.161	.047%	99.788%
87.0	5.491	0.626	1130.787	.045%	99.843%
88.0	5.428	0.598	1131.385	.043%	99.896%
89.0	5.372	0.592	1131.977	.042%	99.948%
90.0	5.358	0.588	1132.565	.042%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1052.22	75.54%	92.91%
0-40	1088.76	78.16%	96.13%
0-60	1112.28	79.85%	98.21%
0-90	1131.98	81.26%	99.95%
0-120	1131.98	81.26%	99.95%
0-180	1132.57	81.30%	100.00%
60-90	20.43	1.47%	1.80%
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%
0-22.43	906.05	65.04%	80.00%

ZONAL LUMEN SUMMARY

0-10	348.92
10-20	477.02
20-30	226.27
30-40	36.54
40-50	15.20
50-60	8.32
60-70	7.24
70-80	6.70
80-90	5.75
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: —————

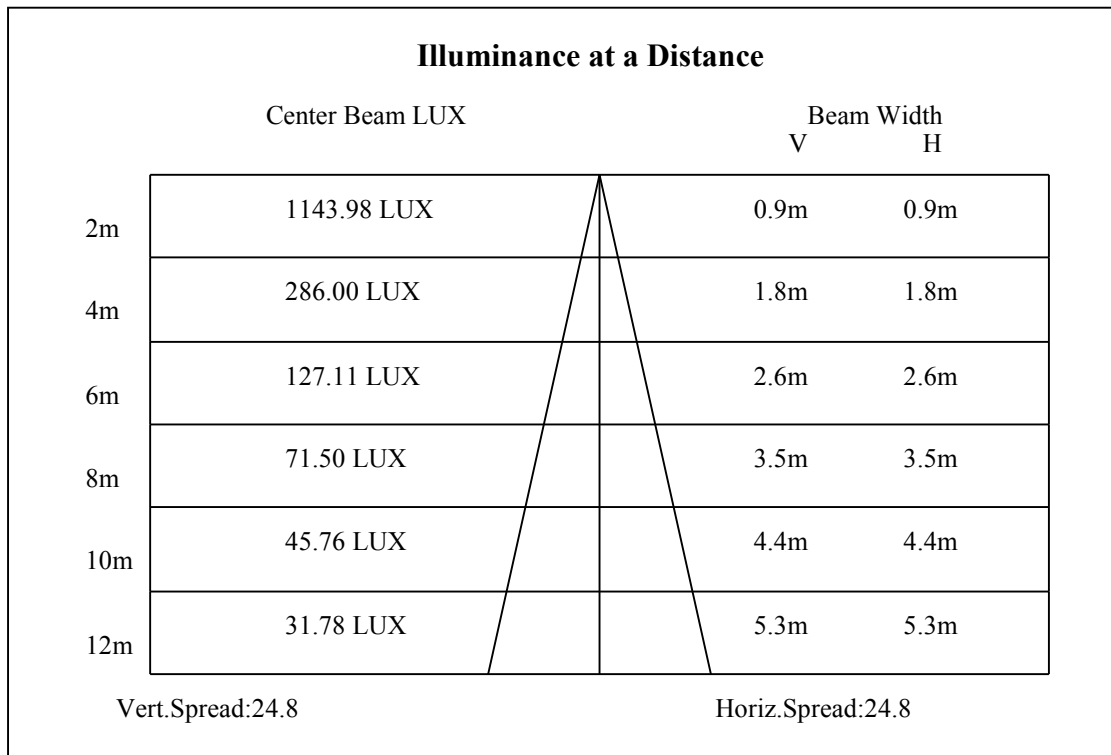
C90/C270: —————

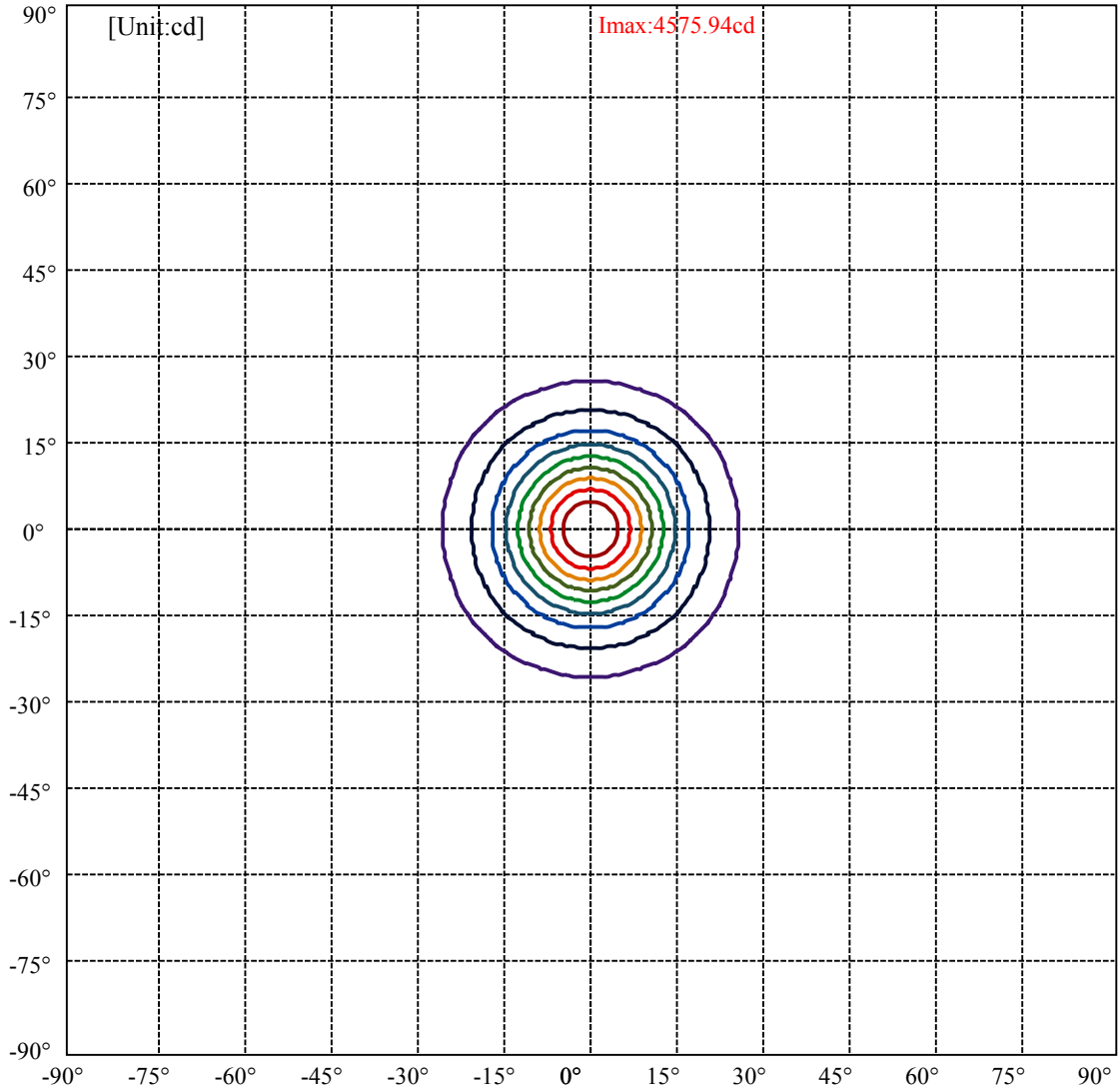
Field angle(10%Imax):C0/180Left:25.4 Right:25.4

:C90/270Left:25.4 Right:25.4

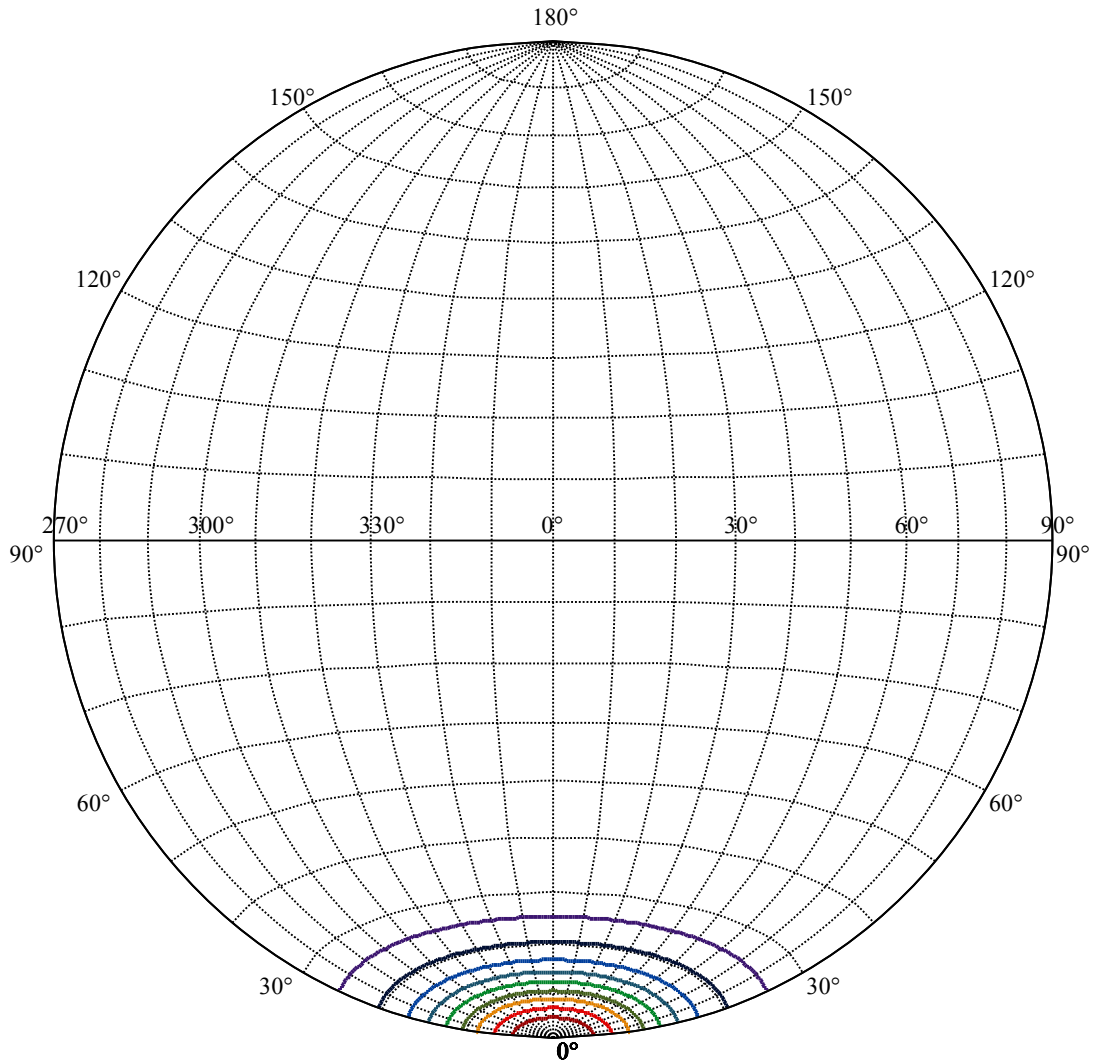
Beam Angle(50%Imax):C0/180Left:12.4 Right:12.4

:C90/270Left:12.4 Right:12.4





- (10%Imax) 457.594
- (20%Imax) 915.188
- (30%Imax) 1372.78
- (40%Imax) 1830.38
- (50%Imax) 2287.97
- (60%Imax) 2745.56
- (70%Imax) 3203.16
- (80%Imax) 3660.75
- (90%Imax) 4118.34



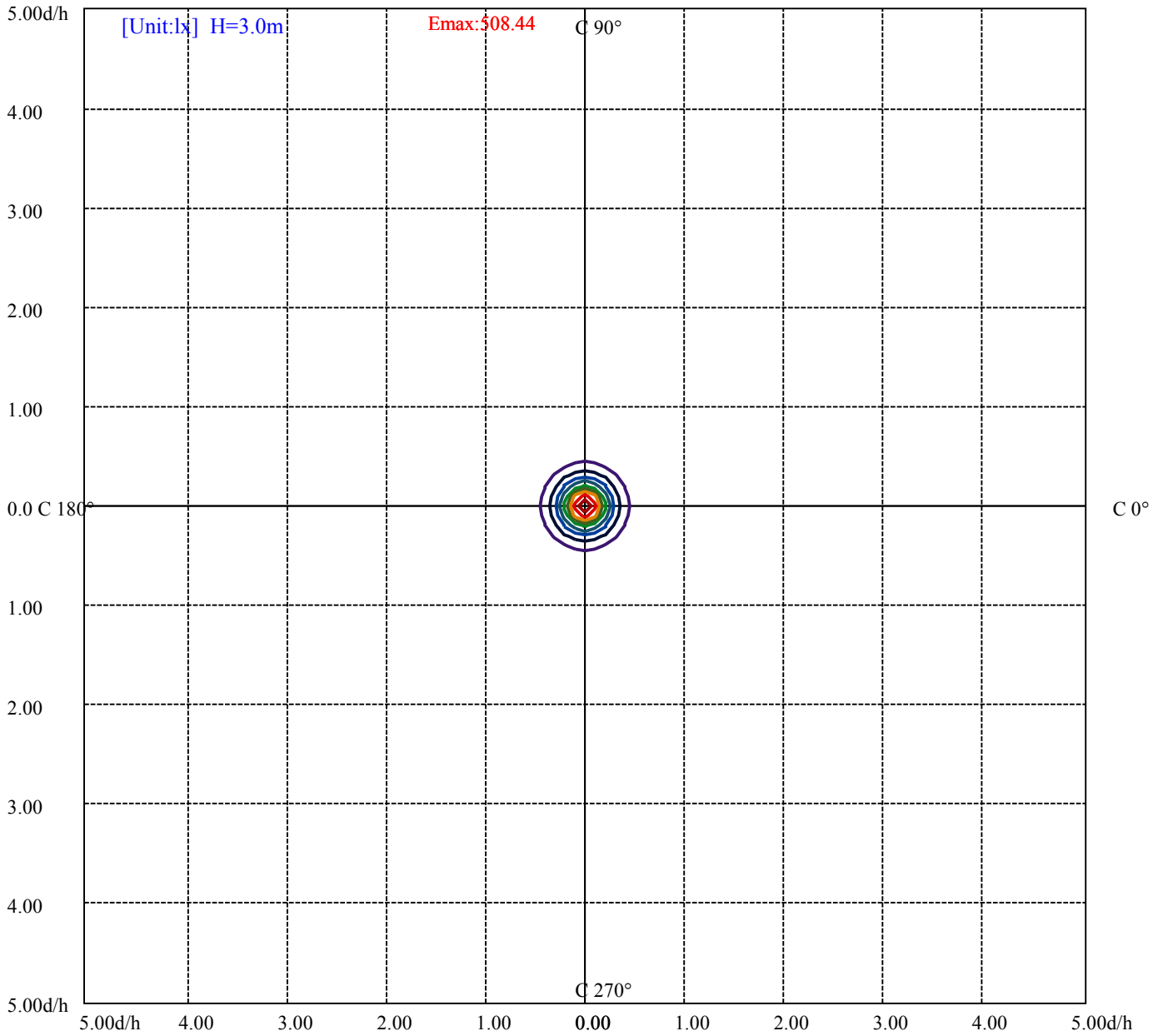
House

[Unit:cd]

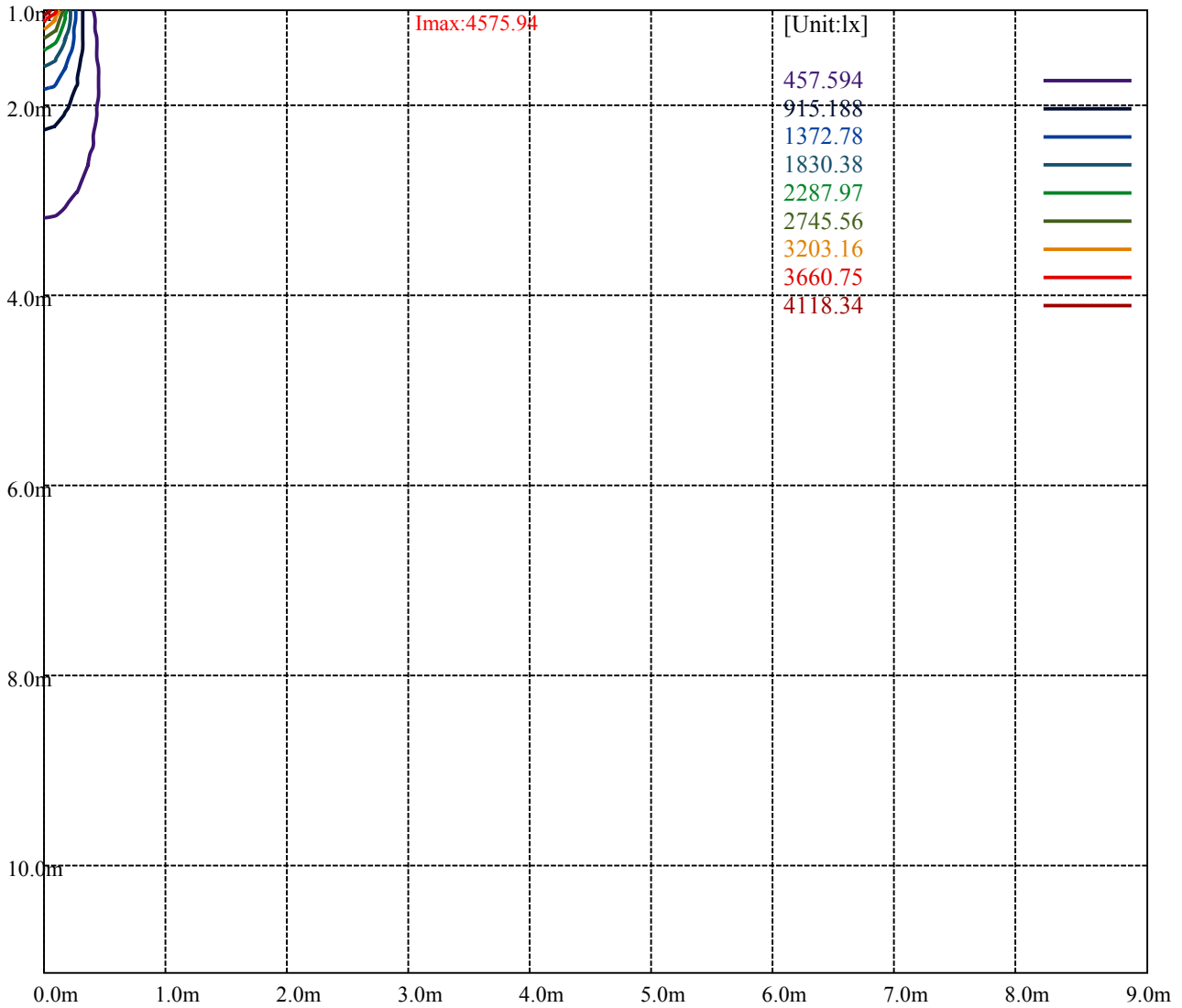
Road

Imax:4575.94

(10%Imax) 457.594	—
(20%Imax) 915.188	—
(30%Imax) 1372.78	—
(40%Imax) 1830.38	—
(50%Imax) 2287.97	—
(60%Imax) 2745.56	—
(70%Imax) 3203.16	—
(80%Imax) 3660.75	—
(90%Imax) 4118.34	—



(10%Emax) 50.84367	—
(20%Emax) 101.6874	—
(30%Emax) 152.5311	—
(40%Emax) 203.3745	—
(50%Emax) 254.2189	—
(60%Emax) 305.0622	—
(70%Emax) 355.9055	—
(80%Emax) 406.75	—
(90%Emax) 457.5933	—



Luminance Table

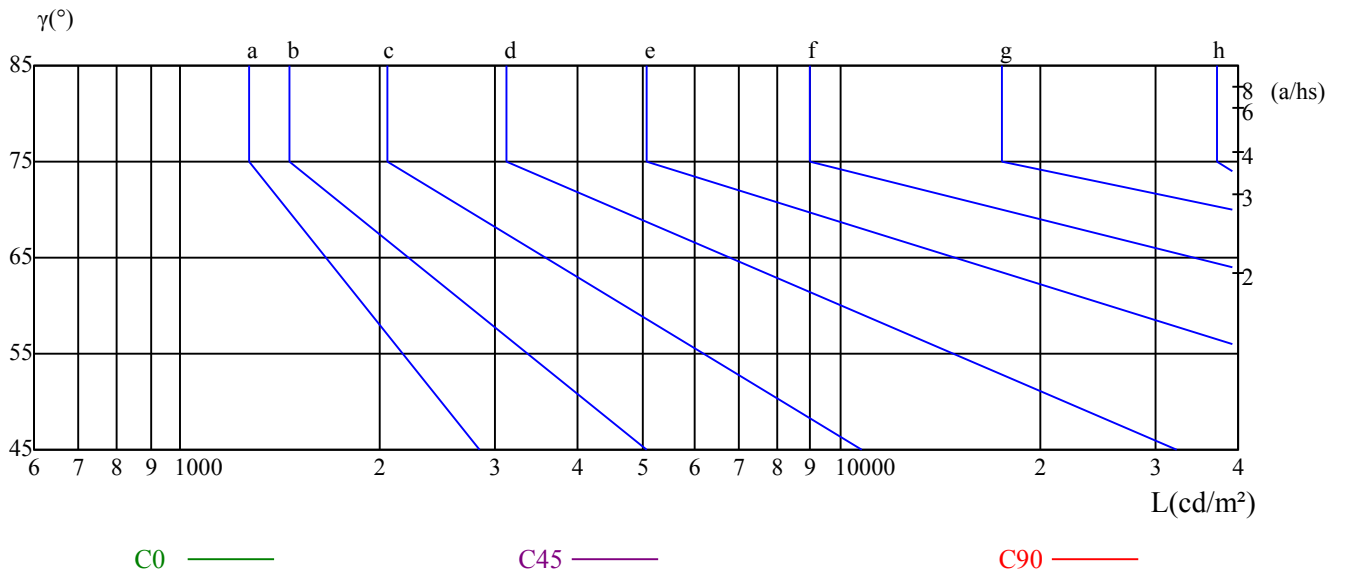
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

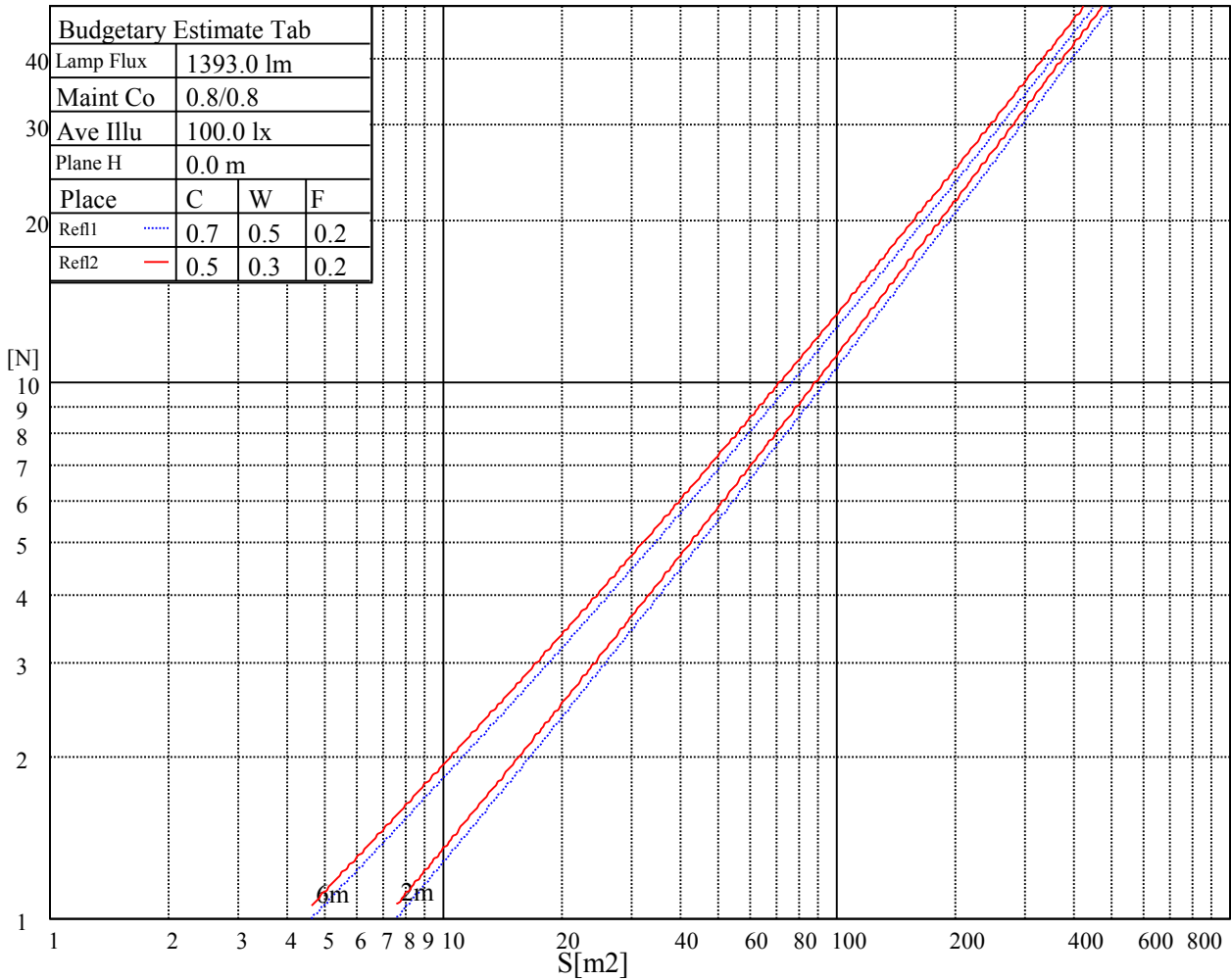
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

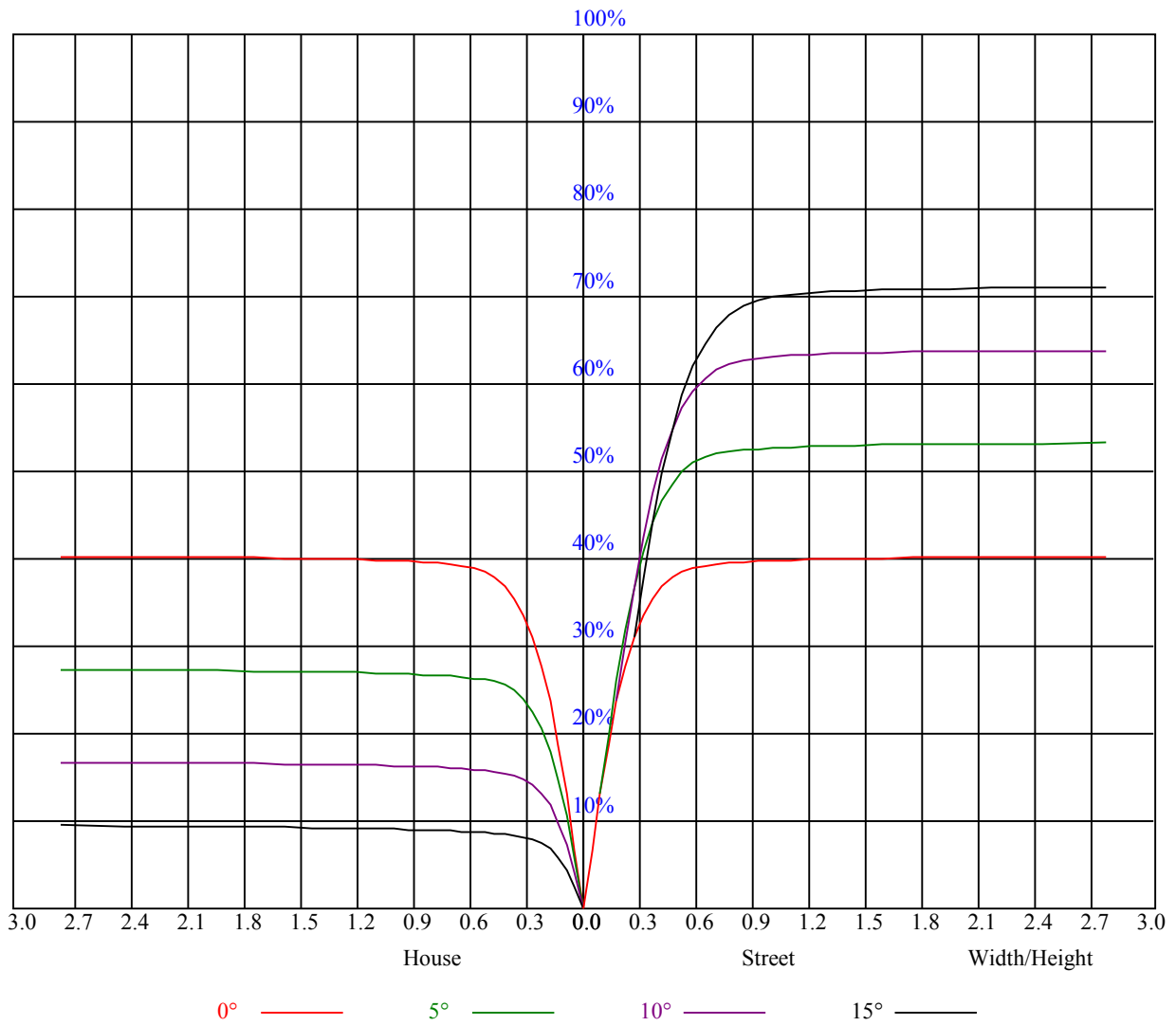


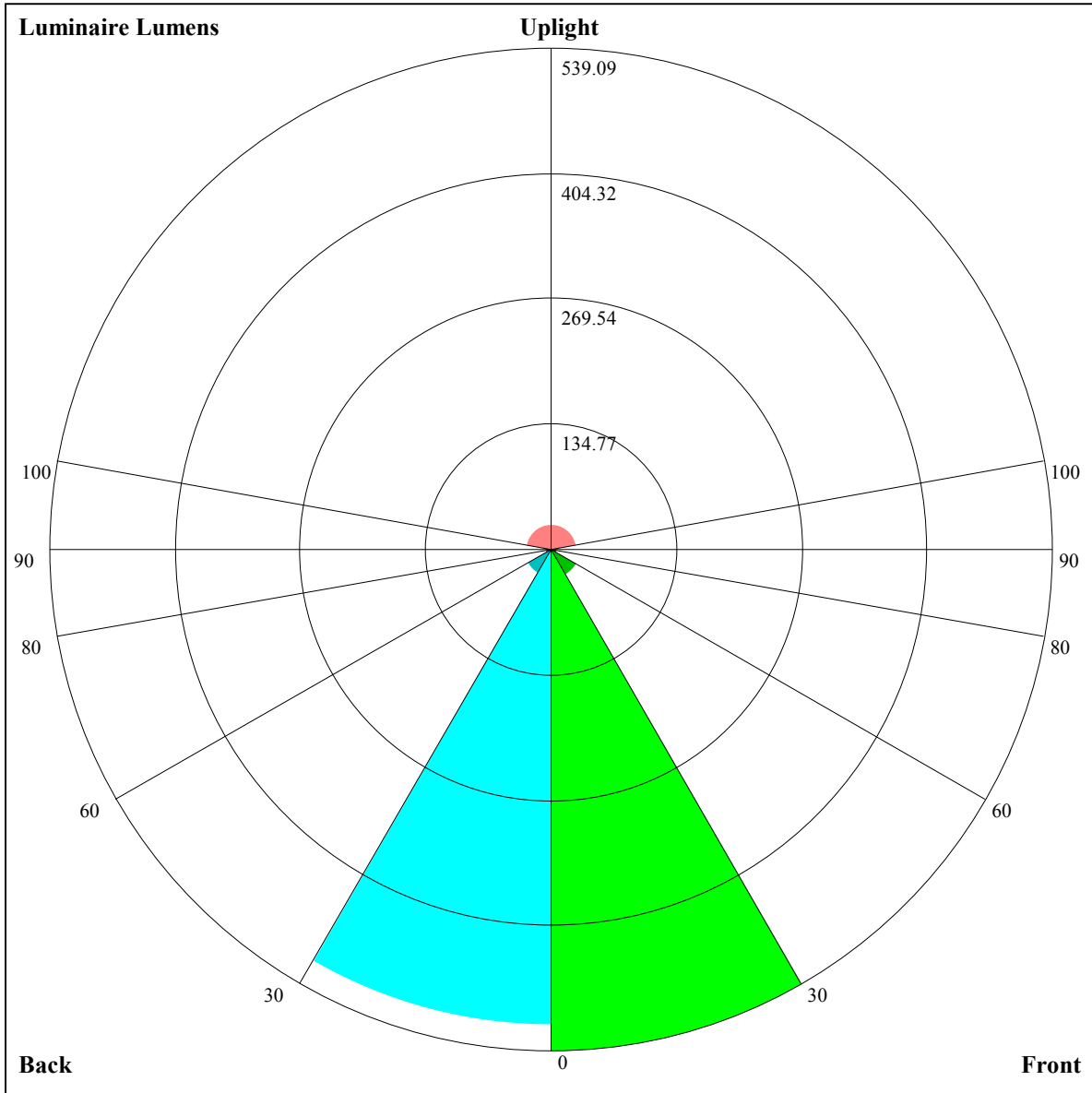
Illumination assessment according UGR										
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30
Rf of Wall	50	30	50	30	30	50	30	50	30	30
Rf of Floor	20	20	20	20	20	20	20	20	20	20
Room dimensions	Viewed crosswise					Viewed endwise				
X	Y									
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	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
	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
8H	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
12H	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	0.97	0.97	0.97	0.95	0.95	0.95	0.90	0.90	0.90	0.86	0.86	0.86	0.83	0.83	0.83	0.81
1	0.91	0.89	0.88	0.89	0.88	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78
2	0.86	0.84	0.81	0.85	0.83	0.81	0.82	0.81	0.79	0.80	0.79	0.77	0.78	0.77	0.76	0.74
3	0.82	0.79	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.77	0.75	0.74	0.76	0.74	0.73	0.71
4	0.79	0.75	0.73	0.78	0.75	0.72	0.76	0.74	0.71	0.75	0.72	0.71	0.73	0.71	0.70	0.69
5	0.76	0.72	0.69	0.75	0.72	0.69	0.74	0.71	0.68	0.72	0.70	0.68	0.71	0.69	0.67	0.66
6	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.66	0.70	0.67	0.65	0.69	0.67	0.65	0.64
7	0.70	0.66	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.67	0.65	0.63	0.62
8	0.68	0.64	0.62	0.67	0.64	0.62	0.67	0.64	0.61	0.66	0.63	0.61	0.65	0.63	0.61	0.60
9	0.66	0.62	0.60	0.65	0.62	0.60	0.65	0.62	0.59	0.64	0.61	0.59	0.63	0.61	0.59	0.58
10	0.64	0.60	0.58	0.63	0.60	0.58	0.63	0.60	0.58	0.62	0.59	0.57	0.62	0.59	0.57	0.56





Luminaire Lumens:

FL=539.09,FM=32.16,FH=7.03,FVH=3.25

BL=512.28,BM=29.41,BH=6.97,BVH=3.23

UL=5.85,UH=27.82

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	4578.75	4602.38	4562.44	4500.56	4379.06	4210.88	4007.81	3810.38	3600.56
45.0	4570.88	4574.81	4518.56	4456.69	4302.00	4153.50	3972.94	3714.19	3490.88
90.0	4574.25	4542.75	4486.50	4365.56	4214.25	4038.75	3821.63	3566.81	3341.25
135.0	4579.88	4559.63	4497.75	4409.44	4254.75	4088.81	3845.25	3631.50	3409.31
180.0	4578.75	4522.50	4439.25	4291.31	4111.88	3920.06	3708.56	3429.56	3188.25
225.0	4570.88	4537.13	4452.75	4330.69	4168.13	3988.13	3737.81	3523.50	3294.00
270.0	4574.25	4556.81	4494.94	4411.13	4264.88	4098.94	3882.38	3646.13	3434.06
315.0	4579.88	4557.38	4497.75	4388.63	4240.69	4062.38	3848.06	3616.31	3387.94
360.0	4578.75	4602.38	4562.44	4500.56	4379.06	4210.88	4007.81	3810.38	3600.56
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3315.38	3082.50	2849.63	2612.25	2327.06	2104.31	1897.31	1664.44	1491.19
45.0	3263.06	2972.81	2729.25	2493.00	2215.13	1999.13	1802.81	1604.25	1427.06
90.0	3105.00	2810.25	2568.94	2346.19	2076.75	1872.00	1692.56	1499.63	1335.94
135.0	3152.81	2875.50	2638.13	2431.13	2132.44	1927.13	1761.19	1551.38	1375.31
180.0	2946.38	2649.94	2413.69	2194.31	1958.06	1744.88	1564.31	1386.00	1200.94
225.0	3056.63	2761.31	2523.38	2301.19	2030.63	1829.25	1643.63	1451.25	1282.50
270.0	3202.31	2903.63	2666.81	2441.25	2169.56	1959.75	1764.00	1562.06	1382.63
315.0	3158.44	2862.00	2621.81	2386.13	2110.50	1905.19	1721.25	1525.50	1350.00
360.0	3315.38	3082.50	2849.63	2612.25	2327.06	2104.31	1897.31	1664.44	1491.19
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1343.25	1191.38	1059.75	951.75	838.69	750.38	655.88	562.50	483.75
45.0	1280.81	1127.25	1008.00	903.94	794.25	706.50	615.94	528.75	452.81
90.0	1116.79	1058.96	952.82	841.61	745.31	664.14	573.36	486.11	414.11
135.0	1251.00	1085.06	969.75	883.13	761.63	673.88	591.75	494.44	420.19
180.0	1093.56	963.39	859.11	758.76	662.23	579.60	501.69	409.84	340.82
225.0	1117.01	1013.29	906.81	796.28	694.52	614.48	522.68	437.23	366.69
270.0	1239.75	1100.25	973.13	868.50	763.88	673.88	580.50	489.94	416.25
315.0	1114.43	1071.73	962.66	847.46	746.16	657.96	566.83	480.04	407.59
360.0	1343.25	1191.38	1059.75	951.75	838.69	750.38	655.88	562.50	483.75
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	399.38	321.19	289.69	202.95	146.59	109.35	81.23	59.96	51.30
45.0	380.81	298.69	284.06	187.65	130.78	99.51	74.31	59.12	50.18
90.0	344.93	266.29	210.15	161.83	116.49	82.29	62.61	50.96	46.13
135.0	347.63	290.25	209.03	163.63	113.96	86.57	64.29	52.26	47.08
180.0	277.65	208.80	160.88	119.48	80.83	62.10	51.64	45.45	42.41
225.0	300.83	226.13	175.84	133.26	95.57	69.75	54.39	45.90	41.40
270.0	343.69	286.31	205.76	157.44	109.91	80.83	61.59	49.39	44.16
315.0	336.21	257.68	203.06	157.89	114.19	81.39	61.71	49.89	44.27
360.0	399.38	321.19	289.69	202.95	146.59	109.35	81.23	59.96	51.30
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	46.63	42.30	38.19	35.10	32.01	29.19	26.72	24.41	22.56
45.0	46.13	42.19	38.59	35.44	31.95	29.08	26.66	24.30	22.33
90.0	43.09	39.26	36.34	33.47	30.15	27.73	25.71	23.12	21.43
135.0	43.26	39.49	36.62	33.36	30.21	27.79	25.26	22.95	21.38
180.0	38.70	34.99	32.96	29.87	27.11	25.26	23.40	21.09	19.80
225.0	38.19	34.43	32.46	29.64	27.06	25.37	23.46	21.32	19.97
270.0	40.78	37.13	34.31	31.61	28.69	26.49	24.36	22.28	20.70
315.0	40.56	36.79	33.92	31.33	28.52	26.33	24.36	22.16	20.70
360.0	46.63	42.30	38.19	35.10	32.01	29.19	26.72	24.41	22.56

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	20.76	18.96	17.21	16.03	14.51	13.39	12.43	11.36	10.41
45.0	20.93	18.68	17.10	16.03	14.57	13.28	12.43	11.31	10.35
90.0	19.97	17.61	16.48	15.24	13.78	12.71	11.81	10.63	9.96
135.0	19.80	17.55	16.37	15.13	13.73	12.71	11.76	10.63	9.84
180.0	17.94	16.43	15.19	13.95	12.83	11.87	10.80	9.96	9.45
225.0	18.34	16.37	15.30	14.06	12.88	11.98	11.03	10.13	9.51
270.0	19.29	17.16	15.92	14.74	13.39	12.38	11.59	10.41	9.62
315.0	19.18	16.93	15.81	14.63	13.28	12.38	11.53	10.35	9.73
360.0	20.76	18.96	17.21	16.03	14.51	13.39	12.43	11.36	10.41
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	9.79	9.23	8.83	8.49	8.27	8.04	7.82	7.65	7.59
45.0	9.79	9.34	8.94	8.61	8.33	8.16	7.93	7.82	7.71
90.0	9.45	8.94	8.66	8.38	8.16	7.93	7.82	7.65	7.59
135.0	9.34	8.94	8.55	8.21	8.04	7.88	7.76	7.59	7.48
180.0	9.00	8.61	8.33	8.10	7.93	7.71	7.65	7.48	7.43
225.0	9.00	8.61	8.33	8.04	7.88	7.71	7.59	7.48	7.37
270.0	9.11	8.78	8.44	8.16	7.93	7.76	7.59	7.54	7.43
315.0	9.17	8.72	8.44	8.10	7.88	7.76	7.59	7.48	7.37
360.0	9.79	9.23	8.83	8.49	8.27	8.04	7.82	7.65	7.59
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	7.48	7.37	7.43	7.43	7.20	7.09	6.98	6.86	6.75
45.0	7.59	7.59	7.65	7.54	7.31	7.14	7.03	6.92	6.81
90.0	7.48	7.59	7.59	7.43	7.14	7.03	6.98	6.92	6.86
135.0	7.37	7.43	7.48	7.31	7.09	6.92	6.86	6.75	6.64
180.0	7.31	7.48	7.37	7.14	6.98	6.86	6.75	6.69	6.58
225.0	7.31	7.37	7.37	7.26	7.14	6.98	6.86	6.75	6.64
270.0	7.37	7.26	7.43	7.37	7.20	7.09	6.98	6.86	6.81
315.0	7.31	7.26	7.37	7.26	7.09	6.92	6.81	6.69	6.64
360.0	7.48	7.37	7.43	7.43	7.20	7.09	6.98	6.86	6.75
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.64	6.47	6.36	6.30	6.24	6.19	6.08	5.96	5.91
45.0	6.64	6.53	6.47	6.36	6.24	6.19	6.08	6.02	5.96
90.0	6.69	6.58	6.58	6.53	6.47	6.47	6.41	6.47	6.41
135.0	6.47	6.36	6.30	6.24	6.13	6.02	5.96	5.91	5.85
180.0	6.41	6.36	6.24	6.19	6.08	6.02	5.91	5.85	5.79
225.0	6.53	6.41	6.36	6.24	6.13	6.08	6.02	5.96	5.91
270.0	6.64	6.58	6.47	6.47	6.36	6.30	6.24	6.19	6.24
315.0	6.47	6.36	6.30	6.24	6.13	6.08	5.96	5.91	5.85
360.0	6.64	6.47	6.36	6.30	6.24	6.19	6.08	5.96	5.91
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.85	5.79	5.74	5.68	5.63	5.63	5.51	5.51	5.40
45.0	5.91	5.85	5.79	5.74	5.74	5.63	5.57	5.46	5.40
90.0	6.36	6.41	6.69	6.92	6.92	5.63	5.51	5.40	5.34
135.0	5.79	5.74	5.68	5.68	5.57	5.57	5.46	5.40	5.34
180.0	5.74	5.68	5.63	5.63	5.51	5.51	5.40	5.34	5.34
225.0	5.85	5.74	5.74	5.68	5.63	5.57	5.51	5.46	5.40
270.0	6.36	6.81	7.54	8.04	8.44	8.49	5.51	5.46	5.40
315.0	5.79	5.74	5.63	5.63	5.57	5.51	5.46	5.40	5.34
360.0	5.85	5.79	5.74	5.68	5.63	5.63	5.51	5.51	5.40

Intensity data(cd)

<i>C/γ</i> (°)	90.0
0.0	5.34
45.0	5.40
90.0	5.34
135.0	5.29
180.0	5.34
225.0	5.40
270.0	5.40
315.0	5.34
360.0	5.34