



NATA LIGHTING CO.,LTD.  
www.nata.cn  
Email:info@nata.com  
Tel:+86-750-3770000 Fax:+86-750-3771111  
Address:380JinOu Road,GaoXin Zone,Jiang Men City,Guangdong,China

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## Nata

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### Client:

LumCAT: 1-0935-N

Luminaire: 92.70.246.00

Report No: 200728-C004

Test No: 200728-B004

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): 0.2810

Power (W): 9.8460

PF: 0.0000

Ballast type: DC

Width(mm): 0

Height(mm): 0

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## Photometric Results

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Lumens(lm): 1181.25, Efficiency(%): 81.02% , Luminous Efficacy(lm/W): 119.97

Central intensity(cd): 7353.703, Maximum intensity(cd): 7353.703

Angle of maximum intensity: C=0.0  $\gamma$ =0.0

Beam Angle(50%Imax): [C0/180]Total=16.4

[C90/270]Total=16.4

Field angle(10%Imax): [C0/180]Total=43.8

[C90/270]Total=43.8

Maximum s/h(1/2): C0\_180=0.28 C90\_270=0.28

Maximum s/h(1/4): C0\_180=0.33 C90\_270=0.33

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 81.02%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 98.211%

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Equipment: GMS1980  
Temperature(°C): 25.0

Date: 2020/7/30  
Humidity(%): 65.0%

Operator: NT07  
Distance(m): 7.50

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	7353.703	0.000	0	.000%	.000%
1.0	7302.938	7.013	7.013	.481%	.594%
2.0	7090.945	20.659	27.672	1.417%	2.343%
3.0	6738.117	33.075	60.747	2.269%	5.143%
4.0	6294.305	43.624	104.371	2.992%	8.836%
5.0	5730.398	51.730	156.1	3.548%	13.215%
6.0	5037.539	56.588	212.689	3.881%	18.005%
7.0	4401.492	58.588	271.277	4.018%	22.965%
8.0	3786.539	58.600	329.877	4.019%	27.926%
9.0	3274.664	57.227	387.104	3.925%	32.771%
10.0	2838.375	55.321	442.425	3.794%	37.454%
11.0	2502.492	53.366	495.791	3.660%	41.972%
12.0	2241.984	51.864	547.655	3.557%	46.362%
13.0	1989.844	50.221	597.876	3.445%	50.614%
14.0	1767.305	48.091	645.967	3.299%	54.685%
15.0	1584.703	46.018	691.985	3.156%	58.581%
16.0	1412.508	43.918	735.903	3.012%	62.299%
17.0	1254.115	41.526	777.429	2.848%	65.814%
18.0	1124.030	39.210	816.639	2.689%	69.134%
19.0	1022.660	37.348	853.987	2.562%	72.295%
20.0	909.232	35.359	889.346	2.425%	75.289%
21.0	809.761	33.008	922.355	2.264%	78.083%
22.0	724.556	30.833	953.187	2.115%	80.693%
23.0	642.473	28.684	981.871	1.967%	83.121%
24.0	557.332	26.232	1008.103	1.799%	85.342%
25.0	474.546	23.463	1031.566	1.609%	87.328%
26.0	395.438	20.536	1052.102	1.409%	89.067%
27.0	320.815	17.523	1069.625	1.202%	90.550%
28.0	264.143	14.810	1084.435	1.016%	91.804%
29.0	197.501	12.078	1096.513	.828%	92.827%
30.0	144.485	9.234	1105.747	.633%	93.608%
31.0	105.117	6.946	1112.693	.476%	94.196%
32.0	75.565	5.176	1117.869	.355%	94.634%
33.0	60.089	3.996	1121.866	.274%	94.973%
34.0	52.453	3.406	1125.271	.234%	95.261%
35.0	47.060	3.091	1128.362	.212%	95.523%
36.0	43.017	2.868	1131.23	.197%	95.766%
37.0	39.424	2.689	1133.919	.184%	95.993%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	35.838	2.512	1136.431	.172%	96.206%
39.0	32.112	2.319	1138.75	.159%	96.402%
40.0	28.554	2.116	1140.866	.145%	96.581%
41.0	25.031	1.908	1142.774	.131%	96.743%
42.0	21.277	1.682	1144.457	.115%	96.885%
43.0	18.091	1.458	1145.915	.100%	97.009%
44.0	15.560	1.270	1147.185	.087%	97.116%
45.0	13.500	1.117	1148.302	.077%	97.211%
46.0	11.897	0.993	1149.295	.068%	97.295%
47.0	10.920	0.907	1150.203	.062%	97.372%
48.0	10.245	0.856	1151.058	.059%	97.444%
49.0	9.724	0.820	1151.878	.056%	97.514%
50.0	9.323	0.794	1152.672	.054%	97.581%
51.0	9.007	0.776	1153.448	.053%	97.646%
52.0	8.775	0.763	1154.211	.052%	97.711%
53.0	8.550	0.754	1154.965	.052%	97.775%
54.0	8.367	0.746	1155.71	.051%	97.838%
55.0	8.227	0.741	1156.451	.051%	97.901%
56.0	8.079	0.737	1157.188	.051%	97.963%
57.0	7.938	0.732	1157.92	.050%	98.025%
58.0	7.840	0.730	1158.65	.050%	98.087%
59.0	7.791	0.731	1159.38	.050%	98.149%
60.0	7.734	0.733	1160.114	.050%	98.211%
61.0	7.734	0.738	1160.852	.051%	98.273%
62.0	7.706	0.744	1161.596	.051%	98.336%
63.0	7.643	0.747	1162.343	.051%	98.399%
64.0	7.587	0.747	1163.09	.051%	98.463%
65.0	7.509	0.747	1163.837	.051%	98.526%
66.0	7.439	0.746	1164.583	.051%	98.589%
67.0	7.383	0.745	1165.328	.051%	98.652%
68.0	7.327	0.745	1166.073	.051%	98.715%
69.0	7.270	0.745	1166.818	.051%	98.778%
70.0	7.179	0.742	1167.56	.051%	98.841%
71.0	7.038	0.735	1168.295	.050%	98.903%
72.0	6.877	0.724	1169.018	.050%	98.965%
73.0	6.736	0.712	1169.73	.049%	99.025%
74.0	6.652	0.704	1170.434	.048%	99.084%
75.0	6.595	0.700	1171.134	.048%	99.144%

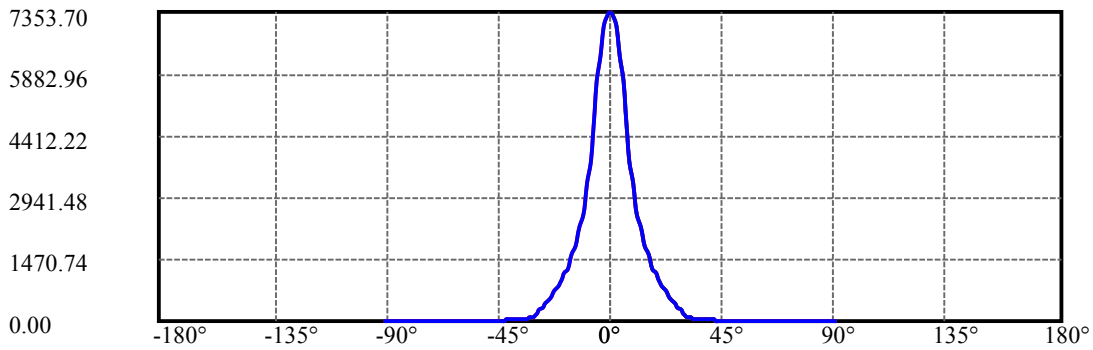
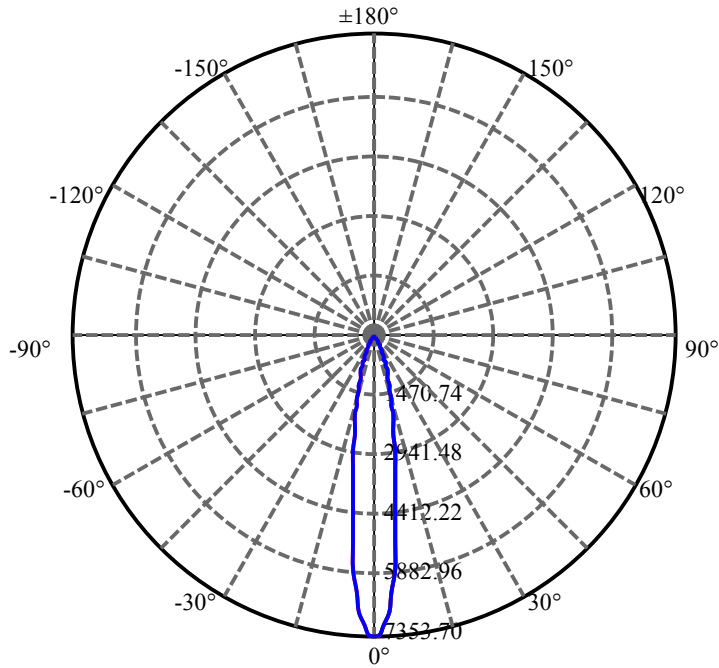
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.518	0.696	1171.83	.048%	99.203%
77.0	6.483	0.693	1172.523	.048%	99.261%
78.0	6.434	0.691	1173.215	.047%	99.320%
79.0	6.377	0.688	1173.903	.047%	99.378%
80.0	6.335	0.685	1174.588	.047%	99.436%
81.0	6.286	0.683	1175.271	.047%	99.494%
82.0	6.349	0.685	1175.956	.047%	99.552%
83.0	6.427	0.695	1176.65	.048%	99.611%
84.0	6.434	0.701	1177.351	.048%	99.670%
85.0	6.370	0.699	1178.05	.048%	99.729%
86.0	6.117	0.683	1178.732	.047%	99.787%
87.0	5.794	0.652	1179.384	.045%	99.842%
88.0	5.702	0.630	1180.014	.043%	99.895%
89.0	5.611	0.620	1180.634	.043%	99.948%
90.0	5.611	0.615	1181.249	.042%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1105.75	75.84%	93.61%
0-40	1140.87	78.25%	96.58%
0-60	1160.11	79.57%	98.21%
0-90	1180.63	80.98%	99.95%
0-120	1180.63	80.98%	99.95%
0-180	1181.25	81.02%	100.00%
60-90	21.25	1.46%	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%
0-21.73	945.00	64.82%	80.00%

ZONAL LUMEN SUMMARY

0-10	442.42
10-20	446.92
20-30	216.40
30-40	35.12
40-50	11.81
50-60	7.44
60-70	7.45
70-80	7.03
80-90	6.05
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: —————

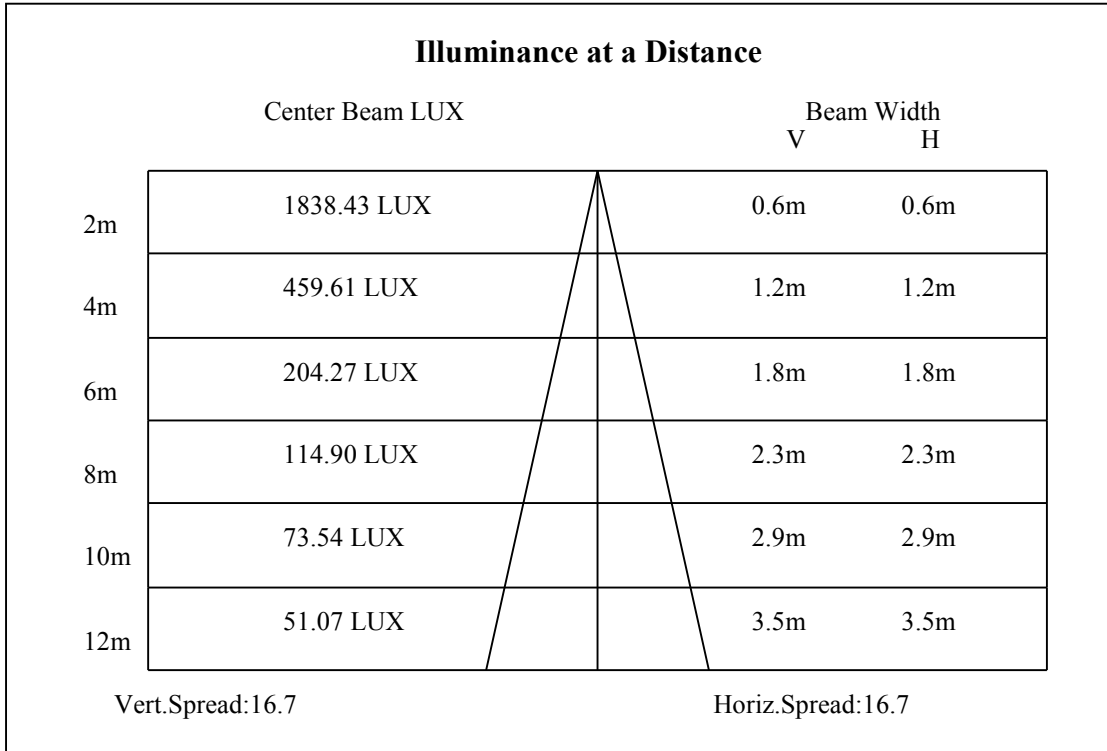
C90/C270: —————

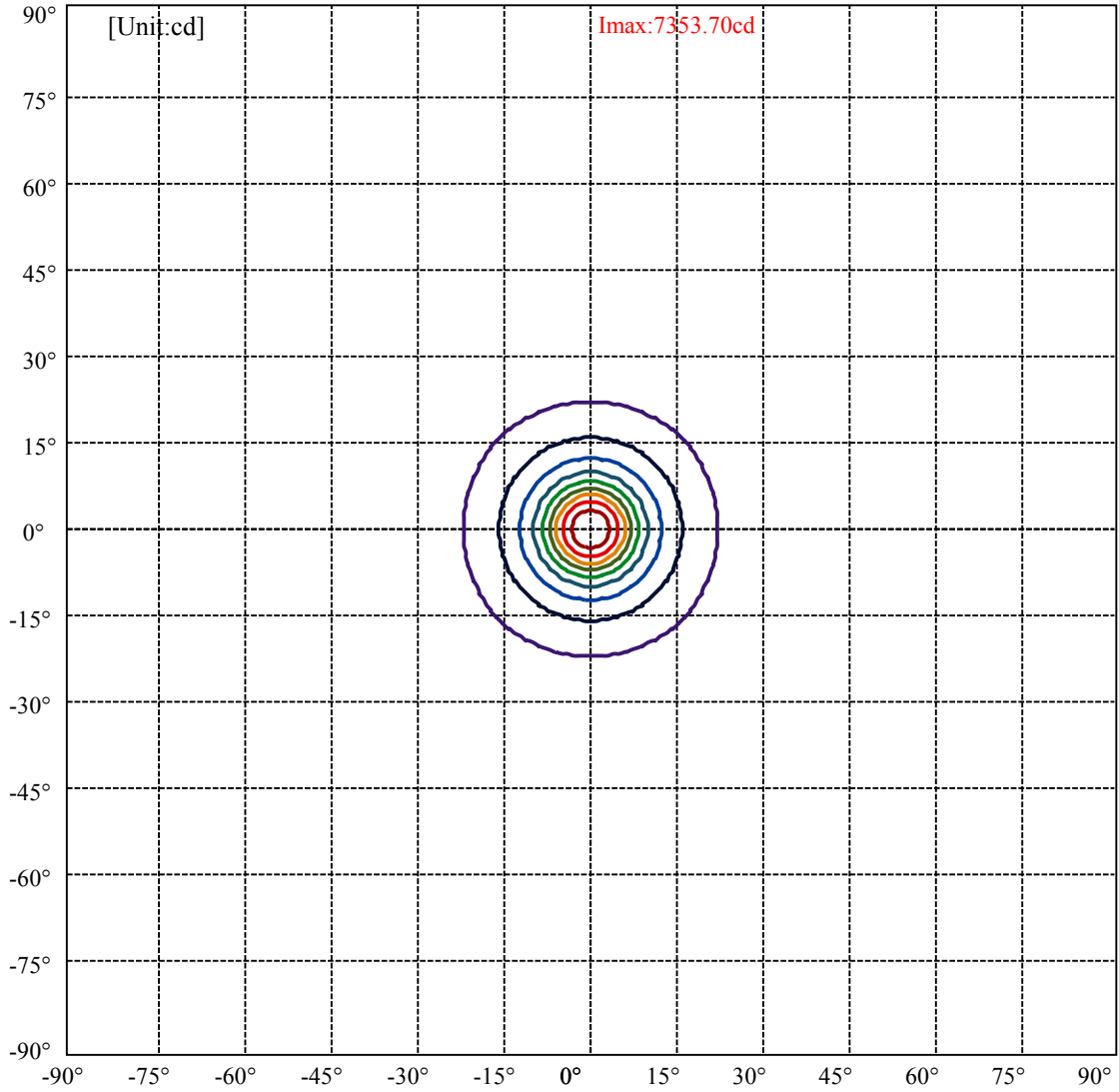
Field angle(10%Imax):C0/180Left:21.9 Right:21.9

:C90/270Left:21.9 Right:21.9

Beam Angle(50%Imax):C0/180Left:8.2 Right:8.2

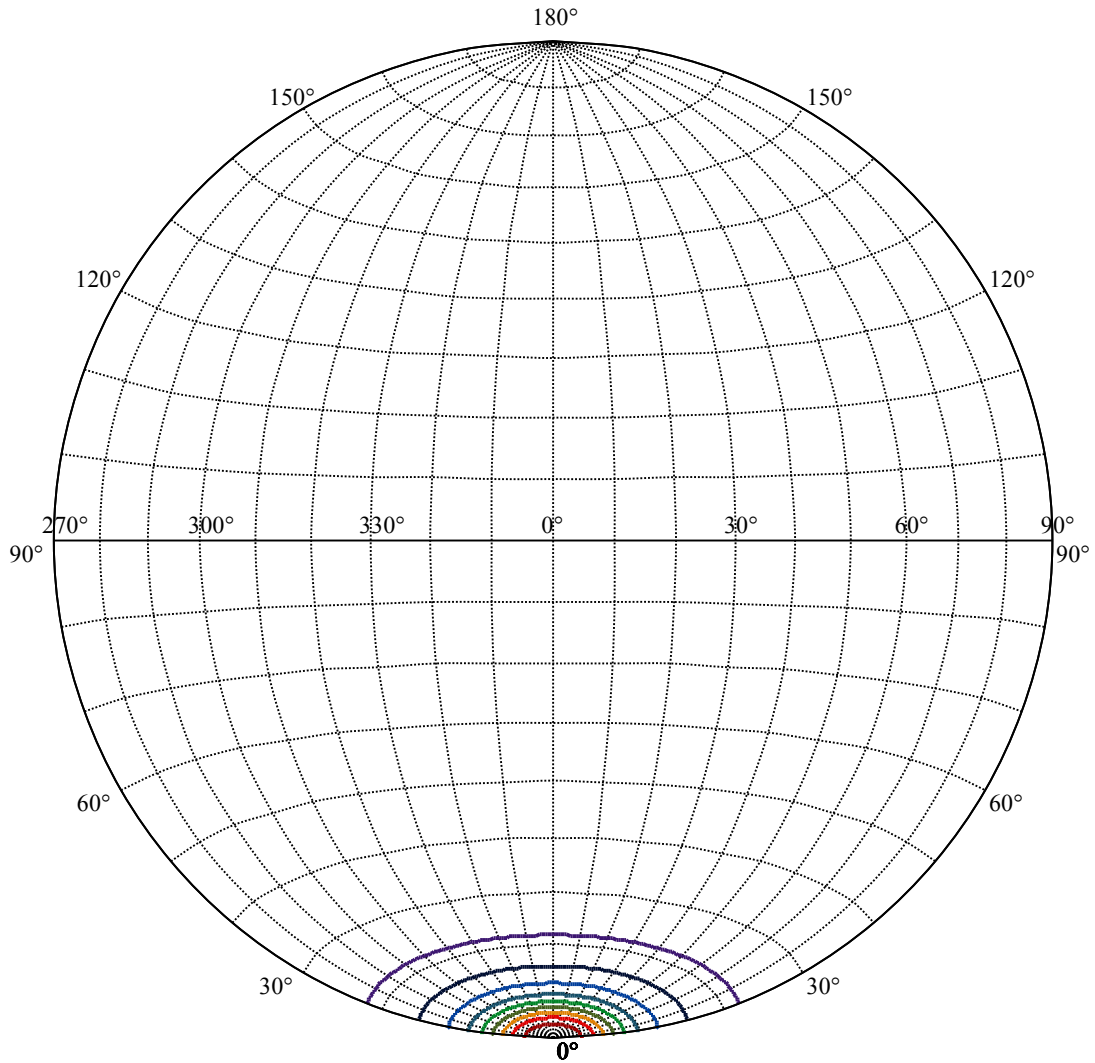
:C90/270Left:8.2 Right:8.2





(10%Imax) 735.37	—
(20%Imax) 1470.74	—
(30%Imax) 2206.11	—
(40%Imax) 2941.48	—
(50%Imax) 3676.85	—
(60%Imax) 4412.22	—
(70%Imax) 5147.59	—
(80%Imax) 5882.96	—
(90%Imax) 6618.33	—





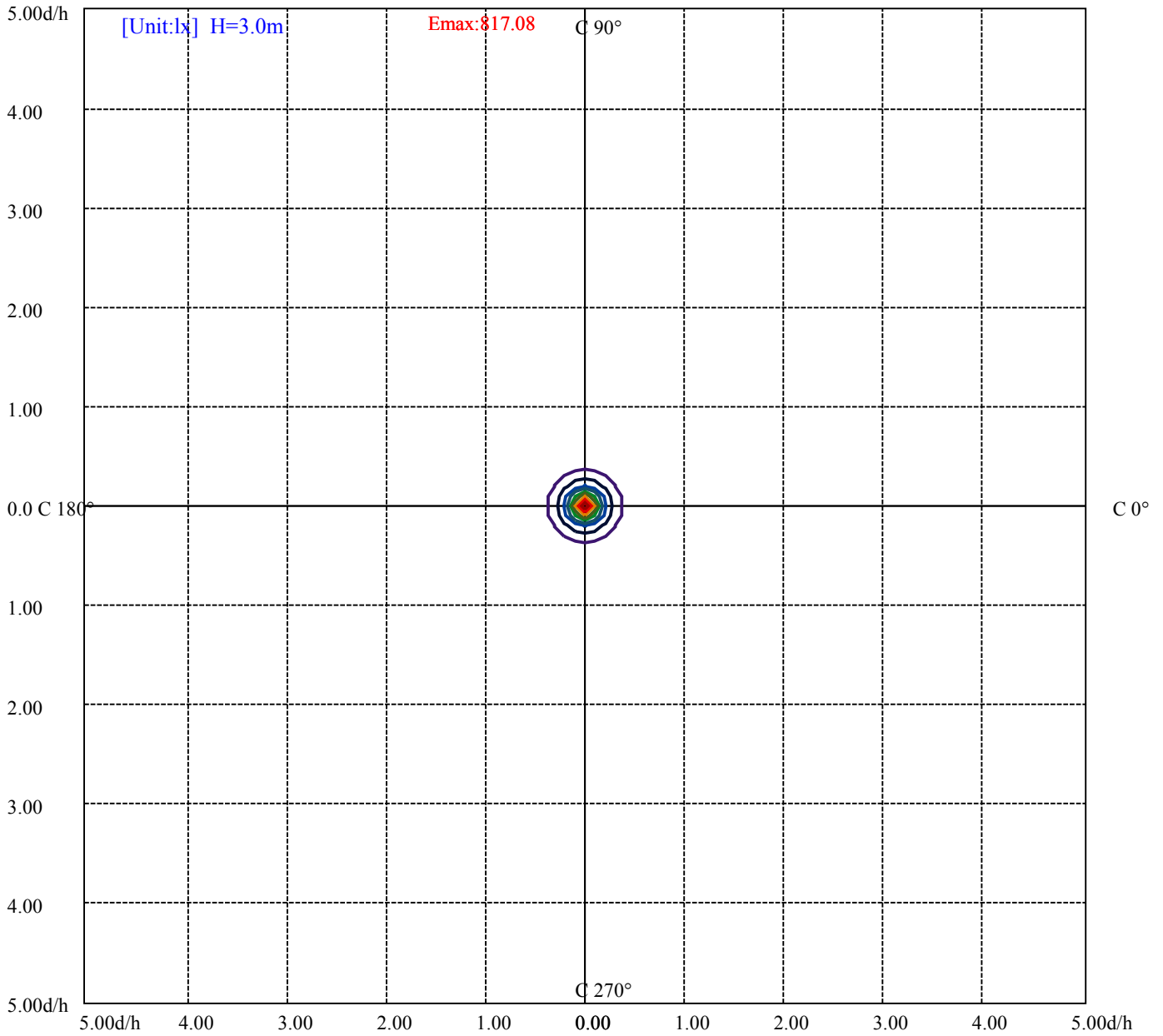
House

[Unit:cd]

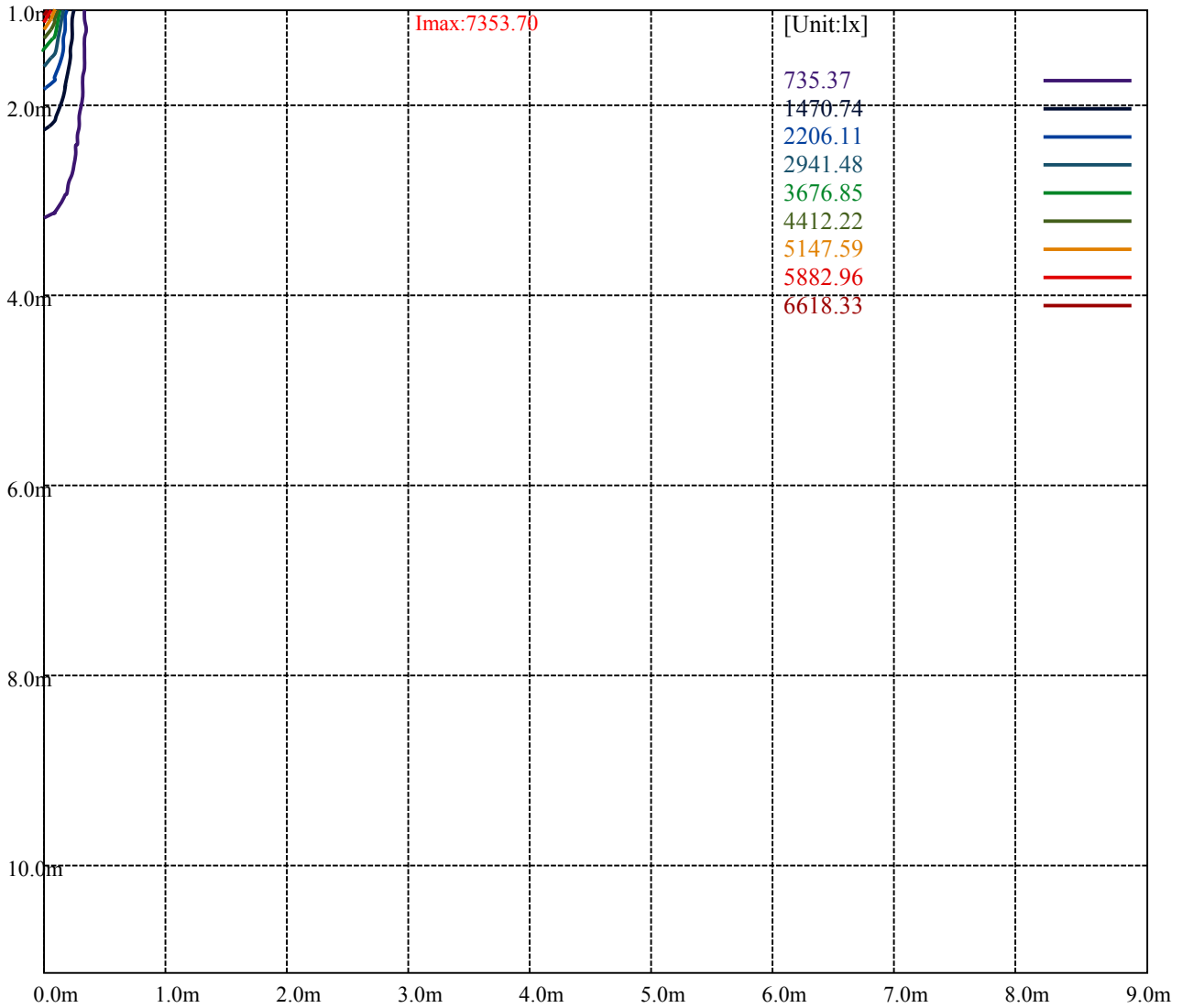
Road

Imax:7353.70

(10%Imax) 735.37	—
(20%Imax) 1470.74	—
(30%Imax) 2206.11	—
(40%Imax) 2941.48	—
(50%Imax) 3676.85	—
(60%Imax) 4412.22	—
(70%Imax) 5147.59	—
(80%Imax) 5882.96	—
(90%Imax) 6618.33	—



(10%Emax) 81.70778	—
(20%Emax) 163.4156	—
(30%Emax) 245.1234	—
(40%Emax) 326.8311	—
(50%Emax) 408.5389	—
(60%Emax) 490.2467	—
(70%Emax) 571.9544	—
(80%Emax) 653.6622	—
(90%Emax) 735.37	—



Luminance Table

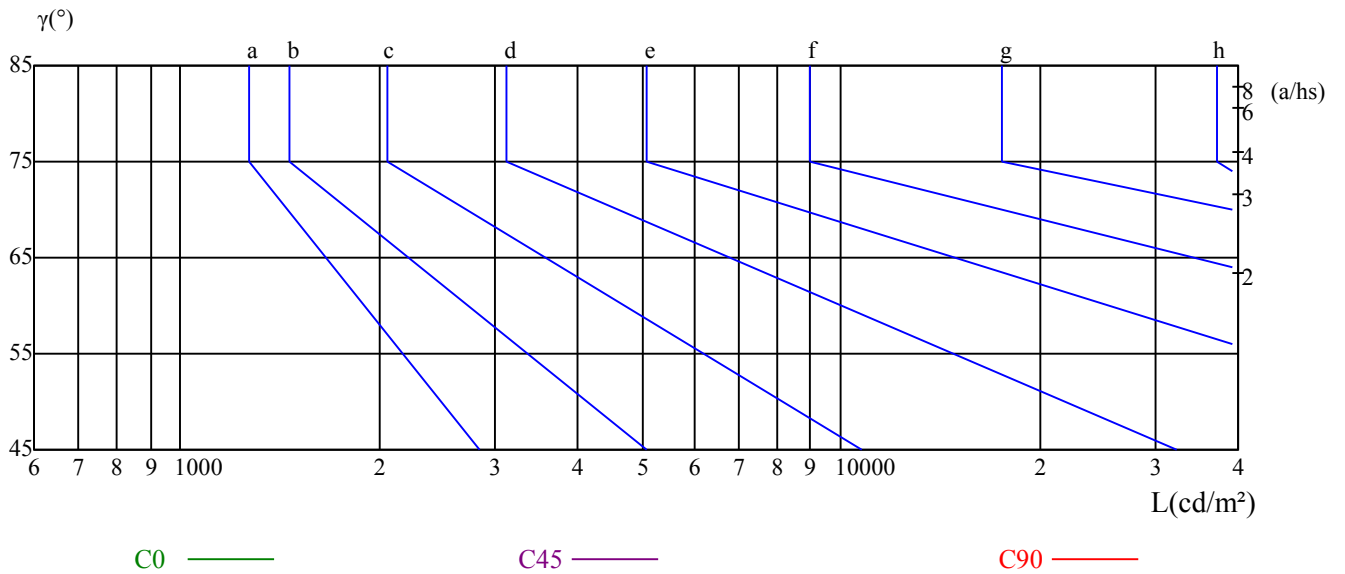
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

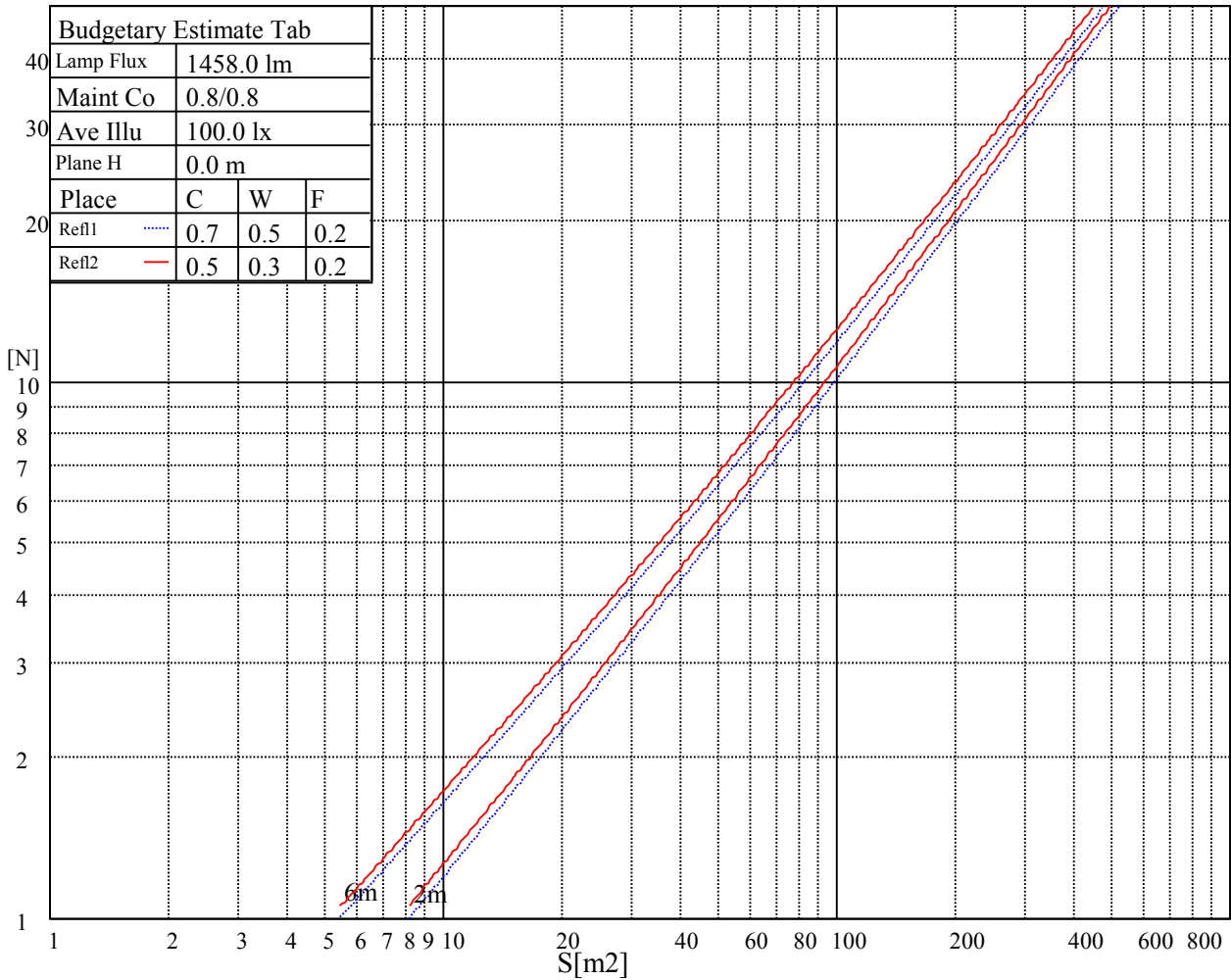
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

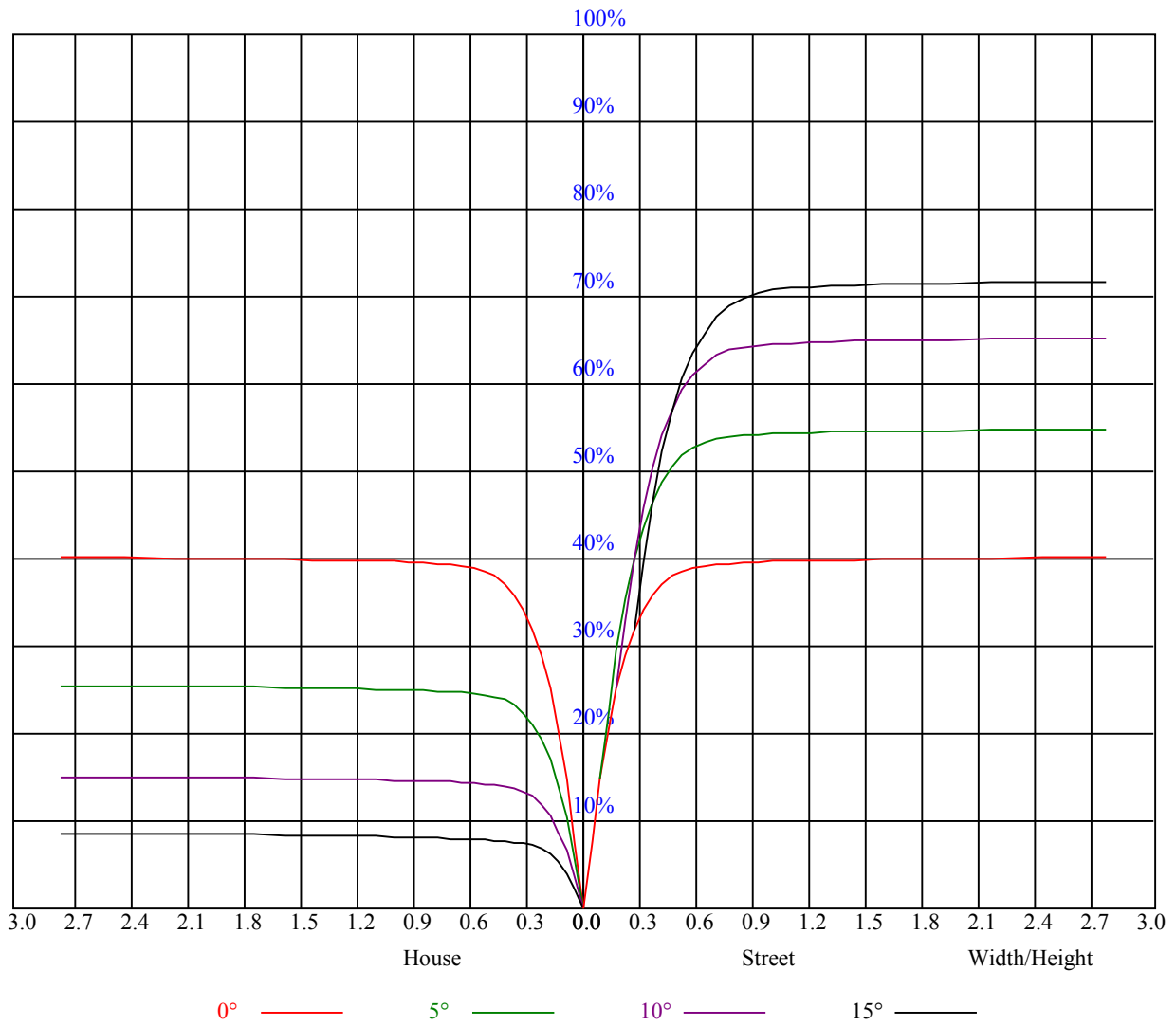


Illumination assessment according UGR										
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30
Rf of Wall	50	30	50	30	30	50	30	50	30	30
Rf of Floor	20	20	20	20	20	20	20	20	20	20
Room dimensions	Viewed crosswise					Viewed endwise				
X	Y									
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	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				

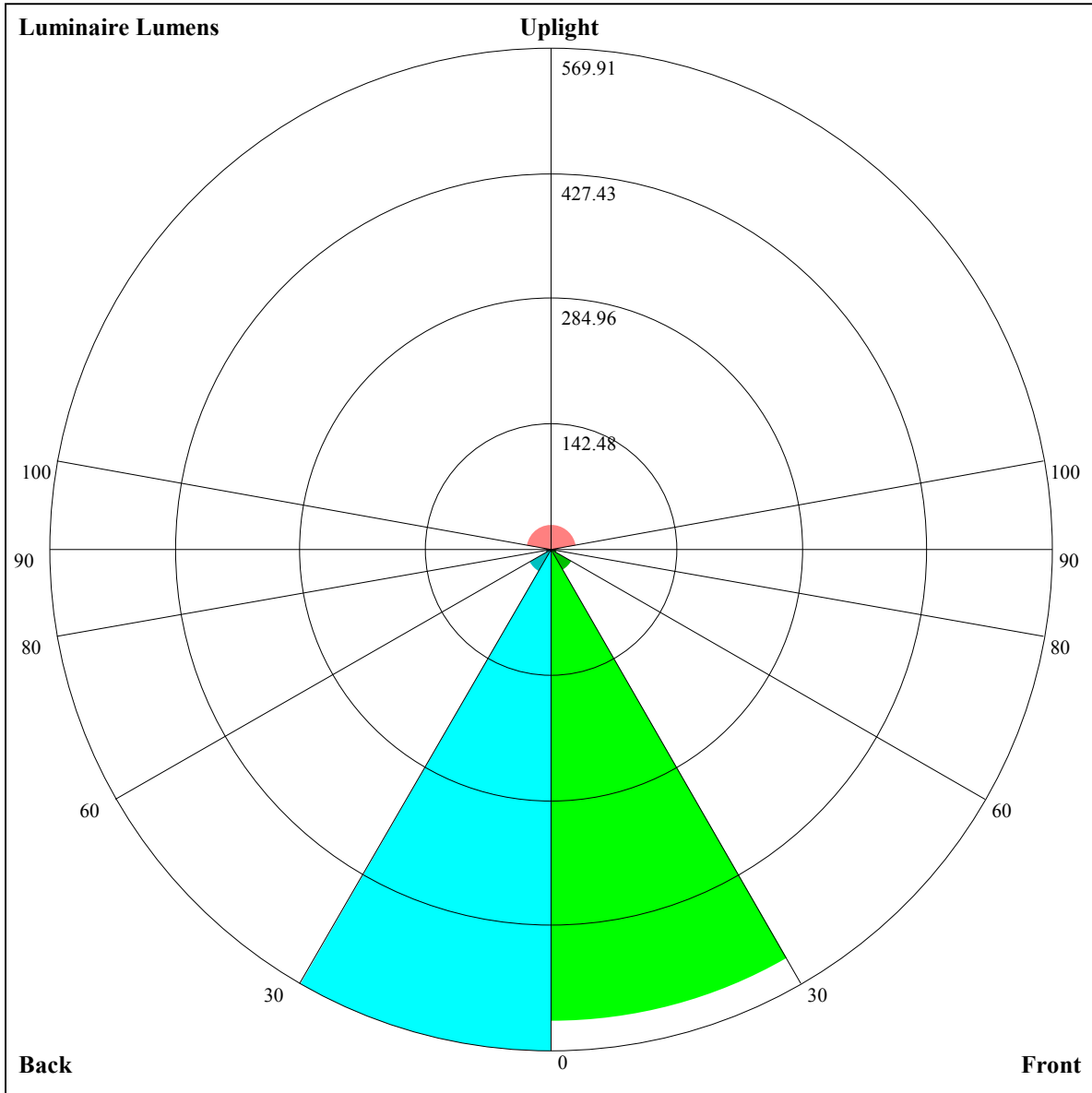
UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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	0.96	0.96	0.96	0.94	0.94	0.94	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	0.87	0.84	0.82	0.85	0.83	0.81	0.83	0.81	0.79	0.80	0.79	0.77	0.78	0.77	0.76	0.75
3	0.83	0.80	0.77	0.82	0.79	0.77	0.80	0.77	0.75	0.78	0.76	0.74	0.76	0.74	0.73	0.72
4	0.79	0.76	0.73	0.79	0.75	0.73	0.77	0.74	0.72	0.75	0.73	0.71	0.74	0.72	0.71	0.70
5	0.76	0.73	0.70	0.76	0.73	0.70	0.74	0.72	0.70	0.73	0.71	0.69	0.72	0.70	0.68	0.67
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	0.71	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	0.64
8	0.69	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.67	0.65	0.63	0.67	0.64	0.63	0.62
9	0.67	0.64	0.62	0.67	0.64	0.61	0.66	0.63	0.61	0.66	0.63	0.61	0.65	0.63	0.61	0.60
10	0.65	0.62	0.60	0.65	0.62	0.60	0.64	0.62	0.60	0.64	0.61	0.59	0.63	0.61	0.59	0.59







Luminaire Lumens:

FL=536.06,FM=26.68,FH=7.24,FVH=3.33

BL=569.91,BM=28.8,BH=7.22,BVH=3.31

UL=6.12,UH=29.13

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	7360.88	7259.63	6944.63	6589.69	6113.81	5464.69	4765.50	4153.50	3565.13
45.0	7362.00	7313.63	7145.44	6798.94	6354.56	5835.94	5097.94	4470.75	3872.81
90.0	7374.38	7355.25	7180.88	6845.06	6463.13	5891.63	5216.63	4571.44	3821.06
135.0	7317.56	7406.44	7371.56	7209.56	6854.63	6420.94	5824.69	5146.31	4512.38
180.0	7360.88	7365.94	7223.63	6915.38	6537.38	5972.63	5297.63	4645.69	3943.13
225.0	7362.00	7267.50	7062.19	6694.31	6188.63	5646.38	4959.56	4257.00	3699.56
270.0	7374.38	7306.31	7009.88	6652.13	6189.19	5556.94	4870.69	4249.13	3626.44
315.0	7317.56	7148.81	6789.38	6199.88	5653.13	5054.06	4267.69	3718.13	3251.81
360.0	7360.88	7259.63	6944.63	6589.69	6113.81	5464.69	4765.50	4153.50	3565.13
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3080.25	2729.25	2409.19	2160.00	1914.75	1695.38	1522.69	1353.38	1213.31
45.0	3260.25	2859.19	2536.88	2237.63	1980.56	1802.25	1577.81	1424.25	1287.56
90.0	3376.69	2907.00	2540.25	2275.88	2046.38	1793.81	1609.31	1447.88	1254.38
135.0	3846.38	3281.06	2873.81	2582.44	2211.75	1991.25	1810.69	1561.50	1404.00
180.0	3418.31	2936.81	2557.69	2291.06	2063.25	1805.06	1624.50	1463.63	1289.81
225.0	3226.50	2752.31	2449.13	2196.56	1982.81	1742.63	1564.31	1408.50	1238.63
270.0	3120.19	2754.56	2419.31	2182.50	1937.81	1726.88	1546.88	1371.94	1224.00
315.0	2868.75	2486.81	2233.69	2009.81	1781.44	1581.19	1421.44	1269.00	1121.23
360.0	3080.25	2729.25	2409.19	2160.00	1914.75	1695.38	1522.69	1353.38	1213.31
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1102.50	996.19	867.94	777.38	700.88	612.00	525.94	453.94	368.44
45.0	1138.50	1028.81	928.13	810.56	729.00	655.31	553.50	476.44	399.38
90.0	1113.98	1034.21	919.58	814.05	730.18	653.23	558.68	483.41	411.13
135.0	1281.94	1131.19	1007.44	918.00	800.44	721.69	644.06	546.19	468.56
180.0	1110.54	1057.05	943.43	834.98	750.54	663.64	586.69	502.82	418.61
225.0	1110.54	1016.89	905.12	802.18	726.13	641.48	562.78	476.78	394.54
270.0	1107.00	1003.50	883.13	790.88	715.50	628.31	540.00	464.63	380.81
315.0	1027.24	913.44	819.11	730.07	643.78	564.13	487.01	392.18	322.03
360.0	1102.50	996.19	867.94	777.38	700.88	612.00	525.94	453.94	368.44
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	291.94	251.55	176.74	131.01	93.66	70.82	57.83	52.14	46.91
45.0	316.69	290.81	193.89	140.79	102.04	73.86	58.73	52.37	46.91
90.0	331.88	255.66	199.13	146.08	107.94	76.16	57.88	51.58	46.80
135.0	396.56	307.13	284.06	189.39	136.41	95.63	72.90	57.83	51.86
180.0	347.23	273.21	207.17	159.64	119.64	80.89	63.56	55.46	49.67
225.0	323.66	253.29	193.84	147.43	109.63	75.49	59.85	52.09	45.56
270.0	298.13	289.13	178.71	132.13	94.33	71.33	56.87	50.68	45.34
315.0	260.44	192.38	146.48	109.41	77.29	60.36	53.10	47.48	43.43
360.0	291.94	251.55	176.74	131.01	93.66	70.82	57.83	52.14	46.91
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	42.30	38.42	34.71	30.32	26.66	23.57	19.13	16.71	14.68
45.0	42.92	39.49	36.17	32.40	28.74	25.14	20.98	18.06	15.64
90.0	42.98	39.88	37.07	33.58	30.21	26.66	22.84	19.13	16.54
135.0	47.36	43.20	39.43	36.00	32.23	28.63	24.69	20.98	17.83
180.0	45.06	41.51	37.29	33.53	29.93	25.93	22.61	19.01	15.98
225.0	41.96	38.53	34.65	31.16	27.90	24.24	21.09	17.83	15.02
270.0	42.13	38.81	35.04	31.44	28.07	24.64	20.42	17.55	15.19
315.0	39.43	35.55	32.34	28.46	24.69	21.43	18.45	15.47	13.61
360.0	42.30	38.42	34.71	30.32	26.66	23.57	19.13	16.71	14.68

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	12.54	11.31	10.58	9.96	9.45	9.17	8.83	8.61	8.44
45.0	13.39	11.81	10.91	10.18	9.68	9.28	9.00	8.83	8.55
90.0	14.01	12.21	11.14	10.29	9.84	9.34	9.00	8.72	8.55
135.0	15.36	12.94	11.64	10.74	9.96	9.56	9.17	8.94	8.66
180.0	13.95	12.38	11.03	10.41	9.84	9.39	9.06	8.83	8.61
225.0	13.33	11.81	10.80	10.24	9.79	9.34	9.06	8.83	8.55
270.0	13.22	11.70	10.86	10.18	9.68	9.28	9.00	8.72	8.49
315.0	12.21	11.03	10.41	9.96	9.56	9.23	8.94	8.72	8.55
360.0	12.54	11.31	10.58	9.96	9.45	9.17	8.83	8.61	8.44
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	8.27	8.16	7.99	7.82	7.76	7.71	7.65	7.71	7.71
45.0	8.38	8.27	8.16	7.99	7.88	7.82	7.76	7.82	7.76
90.0	8.33	8.16	8.04	7.88	7.76	7.71	7.65	7.65	7.65
135.0	8.44	8.27	8.10	7.99	7.88	7.76	7.71	7.71	7.71
180.0	8.38	8.21	8.04	7.93	7.76	7.71	7.65	7.71	7.71
225.0	8.38	8.27	8.10	7.99	7.88	7.88	7.82	7.76	7.65
270.0	8.33	8.21	8.04	7.93	7.88	7.82	7.76	7.71	7.65
315.0	8.44	8.27	8.16	7.99	7.93	7.93	7.88	7.82	7.82
360.0	8.27	8.16	7.99	7.82	7.76	7.71	7.65	7.71	7.71
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	7.59	7.48	7.43	7.37	7.26	7.20	7.09	6.98	6.81
45.0	7.71	7.65	7.54	7.48	7.43	7.37	7.26	7.14	7.03
90.0	7.59	7.54	7.48	7.37	7.31	7.26	7.26	7.14	7.09
135.0	7.59	7.59	7.54	7.48	7.37	7.31	7.31	7.26	7.14
180.0	7.65	7.59	7.48	7.37	7.37	7.31	7.26	7.20	7.09
225.0	7.65	7.59	7.48	7.43	7.37	7.31	7.26	7.20	6.98
270.0	7.59	7.54	7.48	7.43	7.37	7.31	7.26	7.14	6.98
315.0	7.76	7.71	7.65	7.59	7.59	7.54	7.48	7.37	7.20
360.0	7.59	7.48	7.43	7.37	7.26	7.20	7.09	6.98	6.81
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.69	6.53	6.47	6.41	6.36	6.30	6.24	6.19	6.13
45.0	6.81	6.69	6.58	6.53	6.47	6.47	6.36	6.30	6.24
90.0	6.86	6.69	6.58	6.53	6.47	6.41	6.36	6.30	6.24
135.0	7.03	6.81	6.75	6.64	6.58	6.53	6.53	6.41	6.41
180.0	6.81	6.69	6.58	6.53	6.47	6.41	6.41	6.36	6.30
225.0	6.86	6.75	6.64	6.58	6.47	6.47	6.41	6.30	6.24
270.0	6.81	6.69	6.64	6.58	6.47	6.47	6.41	6.36	6.24
315.0	7.14	7.03	6.98	6.98	6.86	6.81	6.75	6.81	6.86
360.0	6.69	6.53	6.47	6.41	6.36	6.30	6.24	6.19	6.13
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.02	6.02	5.96	5.91	5.85	5.74	5.68	5.63	5.51
45.0	6.19	6.13	6.08	6.08	6.02	5.91	5.79	5.74	5.63
90.0	6.19	6.13	6.13	6.08	6.02	5.96	5.85	5.74	5.63
135.0	6.36	6.75	7.14	7.31	7.54	7.71	5.91	5.74	5.63
180.0	6.19	6.13	6.08	6.02	5.91	5.91	5.79	5.68	5.57
225.0	6.19	6.13	6.08	6.02	5.96	5.96	5.85	5.74	5.68
270.0	6.19	6.13	6.08	6.02	5.96	5.91	5.79	5.74	5.68
315.0	6.98	7.37	7.88	8.04	7.71	5.85	5.68	5.63	5.57
360.0	6.02	6.02	5.96	5.91	5.85	5.74	5.68	5.63	5.51

Intensity data(cd)

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