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Address:380JinOu Road,GaoXin Zone,Jiang Men City,Guangdong,China

NT

Client:
LumCAT: 2-2569-L
Luminaire: 92.70.412.00
Report No: 2024813-B008
Ballast type: AC

Test No: 2024813-C008	Voltage(V): 35.060
LampCAT: TRIDONIC SLE G7 15MM	Current(A): 0.702
Lamp flux(lm): 4107.0	Power (W): 24.612
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 3737.08, Efficiency(%): 90.99% , Luminous Efficacy(lm/W): 151.84
Central intensity(cd): 6015.733, Maximum intensity(cd): 6015.733
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=47.4
[C90/270]Total=47.4
Field angle(10%Imax): [C0/180]Total=71.6
[C90/270]Total=71.6
Maximum s/h(1/2): C0_180=0.73 C90_270=0.73
Maximum s/h(1/4): C0_180=0.75 C90_270=0.75
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 90.99%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.860%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6015.733	0.000	0	0.00%	0.00%
1.0	6011.709	5.755	5.755	0.14%	0.15%
2.0	5997.956	17.237	22.992	0.42%	0.62%
3.0	5969.500	28.622	51.615	0.70%	1.38%
4.0	5930.290	39.832	91.447	0.97%	2.45%
5.0	5874.840	50.785	142.232	1.24%	3.81%
6.0	5787.861	61.291	203.523	1.49%	5.45%
7.0	5689.909	71.242	274.765	1.73%	7.35%
8.0	5570.011	80.585	355.35	1.96%	9.51%
9.0	5436.799	89.204	444.554	2.17%	11.90%
10.0	5287.420	97.050	541.604	2.36%	14.49%
11.0	5139.431	104.186	645.79	2.54%	17.28%
12.0	4978.494	110.603	756.394	2.69%	20.24%
13.0	4816.095	116.237	872.631	2.83%	23.35%
14.0	4652.012	121.191	993.822	2.95%	26.59%
15.0	4498.683	125.625	1119.446	3.06%	29.96%
16.0	4346.890	129.612	1249.059	3.16%	33.42%
17.0	4168.689	132.610	1381.669	3.23%	36.97%
18.0	4000.145	134.686	1516.356	3.28%	40.58%
19.0	3840.451	136.410	1652.766	3.32%	44.23%
20.0	3660.421	137.287	1790.053	3.34%	47.90%
21.0	3487.634	137.257	1927.31	3.34%	51.57%
22.0	3317.480	136.752	2064.062	3.33%	55.23%
23.0	3129.696	135.279	2199.341	3.29%	58.85%
24.0	2954.201	133.016	2332.357	3.24%	62.41%
25.0	2772.562	130.214	2462.571	3.17%	65.90%
26.0	2583.681	126.435	2589.005	3.08%	69.28%
27.0	2377.828	121.384	2710.39	2.96%	72.53%
28.0	2165.318	115.023	2825.413	2.80%	75.60%
29.0	1950.101	107.671	2933.084	2.62%	78.49%
30.0	1677.526	97.945	3031.029	2.38%	81.11%
31.0	1402.587	85.715	3116.744	2.09%	83.40%
32.0	1283.486	76.953	3193.697	1.87%	85.46%
33.0	1097.831	70.154	3263.851	1.71%	87.34%
34.0	902.849	60.546	3324.398	1.47%	88.96%
35.0	725.467	50.569	3374.967	1.23%	90.31%
36.0	578.202	41.509	3416.476	1.01%	91.42%
37.0	439.870	33.204	3449.68	0.81%	92.31%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	337.280	25.940	3475.62	0.63%	93.00%
39.0	263.651	20.511	3496.132	0.50%	93.55%
40.0	246.987	17.809	3513.941	0.43%	94.03%
41.0	191.807	15.625	3529.566	0.38%	94.45%
42.0	157.301	12.684	3542.25	0.31%	94.79%
43.0	140.432	11.029	3553.279	0.27%	95.08%
44.0	125.911	10.053	3563.331	0.24%	95.35%
45.0	113.365	9.196	3572.527	0.22%	95.60%
46.0	103.109	8.466	3580.993	0.21%	95.82%
47.0	93.285	7.811	3588.804	0.19%	96.03%
48.0	85.523	7.228	3596.032	0.18%	96.23%
49.0	78.442	6.733	3602.766	0.16%	96.41%
50.0	72.283	6.284	3609.05	0.15%	96.57%
51.0	67.052	5.895	3614.945	0.14%	96.73%
52.0	62.729	5.569	3620.514	0.14%	96.88%
53.0	58.859	5.289	3625.803	0.13%	97.02%
54.0	55.538	5.042	3630.845	0.12%	97.16%
55.0	52.363	4.817	3635.662	0.12%	97.29%
56.0	49.678	4.611	3640.273	0.11%	97.41%
57.0	47.381	4.438	3644.71	0.11%	97.53%
58.0	45.157	4.279	3648.99	0.10%	97.64%
59.0	43.190	4.130	3653.12	0.10%	97.75%
60.0	41.383	3.995	3657.115	0.10%	97.86%
61.0	39.722	3.870	3660.986	0.09%	97.96%
62.0	38.230	3.756	3664.742	0.09%	98.06%
63.0	36.745	3.646	3668.388	0.09%	98.16%
64.0	35.435	3.542	3671.93	0.09%	98.26%
65.0	34.221	3.447	3675.378	0.08%	98.35%
66.0	33.102	3.359	3678.737	0.08%	98.44%
67.0	31.961	3.272	3682.008	0.08%	98.53%
68.0	30.922	3.185	3685.193	0.08%	98.61%
69.0	29.861	3.101	3688.294	0.08%	98.69%
70.0	28.939	3.020	3691.314	0.07%	98.78%
71.0	27.959	2.941	3694.255	0.07%	98.85%
72.0	27.059	2.861	3697.116	0.07%	98.93%
73.0	26.218	2.786	3699.902	0.07%	99.01%
74.0	25.406	2.714	3702.616	0.07%	99.08%
75.0	24.579	2.641	3705.257	0.06%	99.15%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	23.826	2.570	3707.826	0.06%	99.22%
77.0	22.999	2.497	3710.323	0.06%	99.28%
78.0	22.290	2.424	3712.747	0.06%	99.35%
79.0	21.602	2.358	3715.106	0.06%	99.41%
80.0	20.841	2.288	3717.394	0.06%	99.47%
81.0	20.190	2.219	3719.613	0.05%	99.53%
82.0	19.554	2.155	3721.768	0.05%	99.59%
83.0	18.895	2.090	3723.858	0.05%	99.65%
84.0	18.361	2.030	3725.888	0.05%	99.70%
85.0	17.871	1.978	3727.865	0.05%	99.75%
86.0	17.381	1.927	3729.792	0.05%	99.81%
87.0	17.008	1.882	3731.674	0.05%	99.86%
88.0	16.620	1.842	3733.517	0.04%	99.90%
89.0	16.196	1.799	3735.315	0.04%	99.95%
90.0	15.947	1.762	3737.078	0.04%	100.00%

Zonal flux distribution table

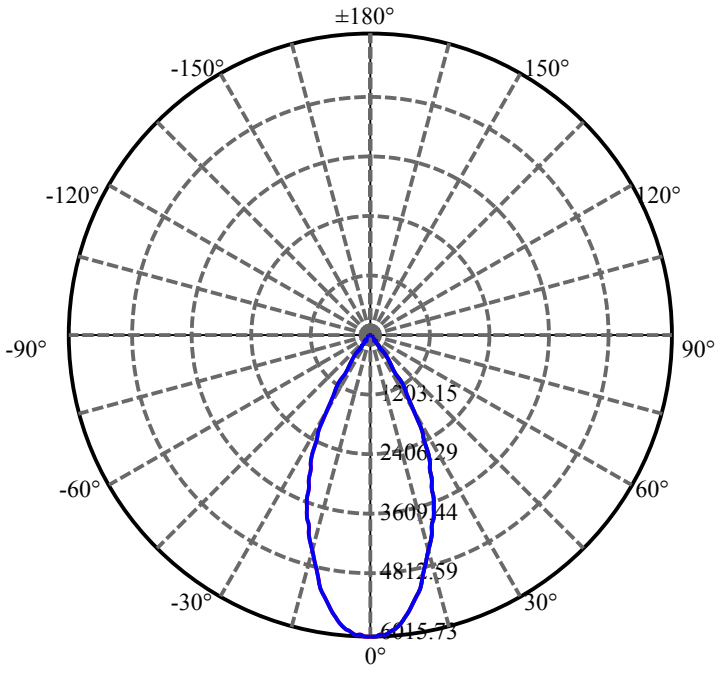
ZONAL LUMEN SUMMARY

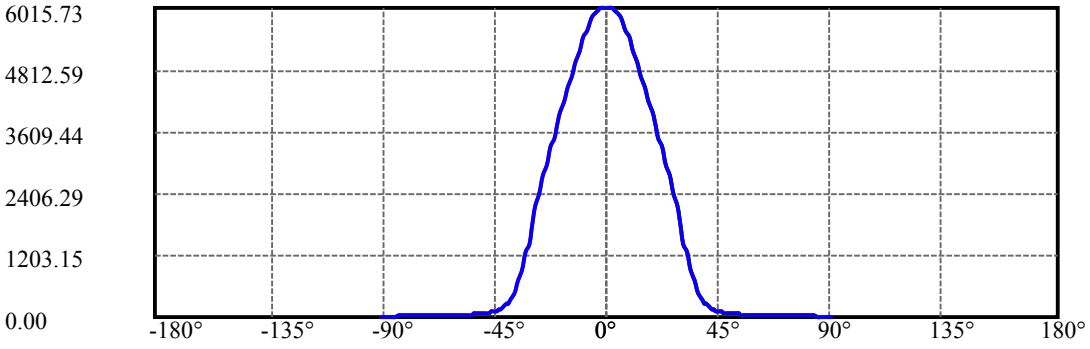
Zone	Lumens	%Lamp	%Fixt
0-30	3031.03	73.80%	81.11%
0-40	3513.94	85.56%	94.03%
0-60	3657.12	89.05%	97.86%
0-90	3735.32	90.95%	99.95%
0-120	3735.32	90.95%	99.95%
0-180	3737.08	90.99%	100.00%
60-90	78.20	1.90%	2.09%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-29.58	2989.66	72.79%	80.00%

ZONAL LUMEN SUMMARY

0-10	541.60
10-20	1248.45
20-30	1240.98
30-40	482.91
40-50	95.11
50-60	48.07
60-70	34.20
70-80	26.08
80-90	17.92
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

Light Distribution Curve [Unit:cd]





C0(Max):

C0/C180:

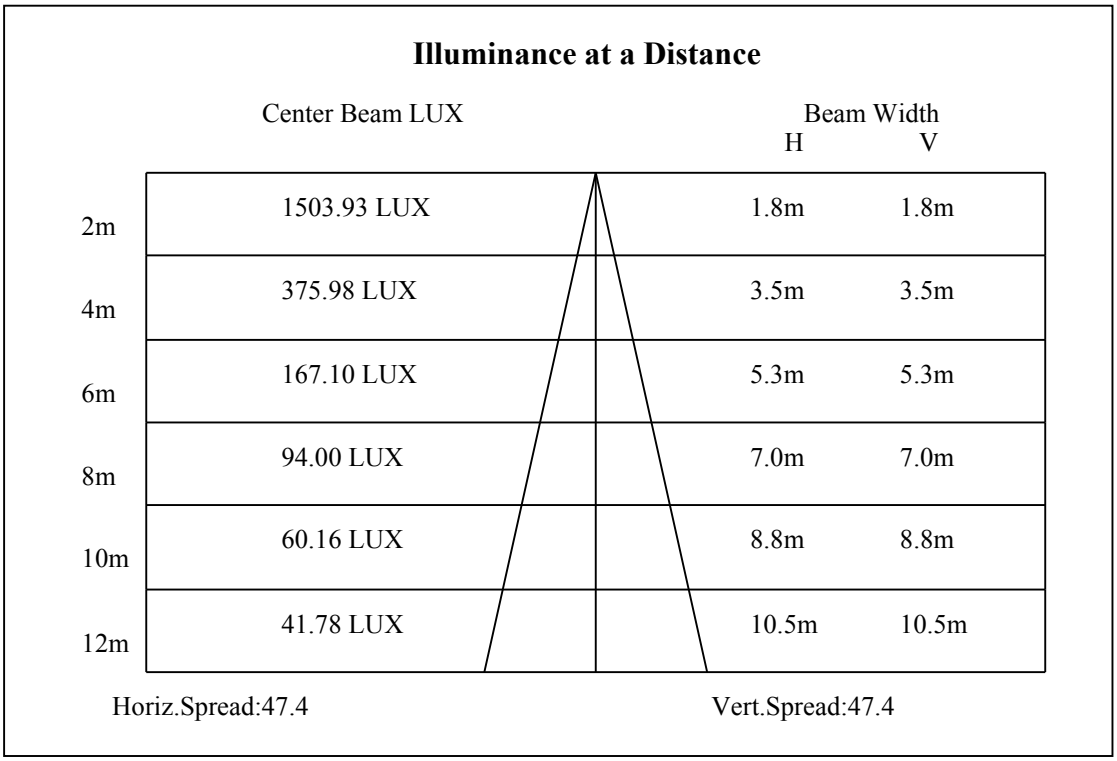
C90/C270:

Field angle(10%Imax):C0/180Left:35.8 Right:35.8
:C90/270Left:35.8 Right:35.8

Beam Angle(50%Imax):C0/180Left:23.7 Right:23.7
:C90/270Left:23.7 Right:23.7

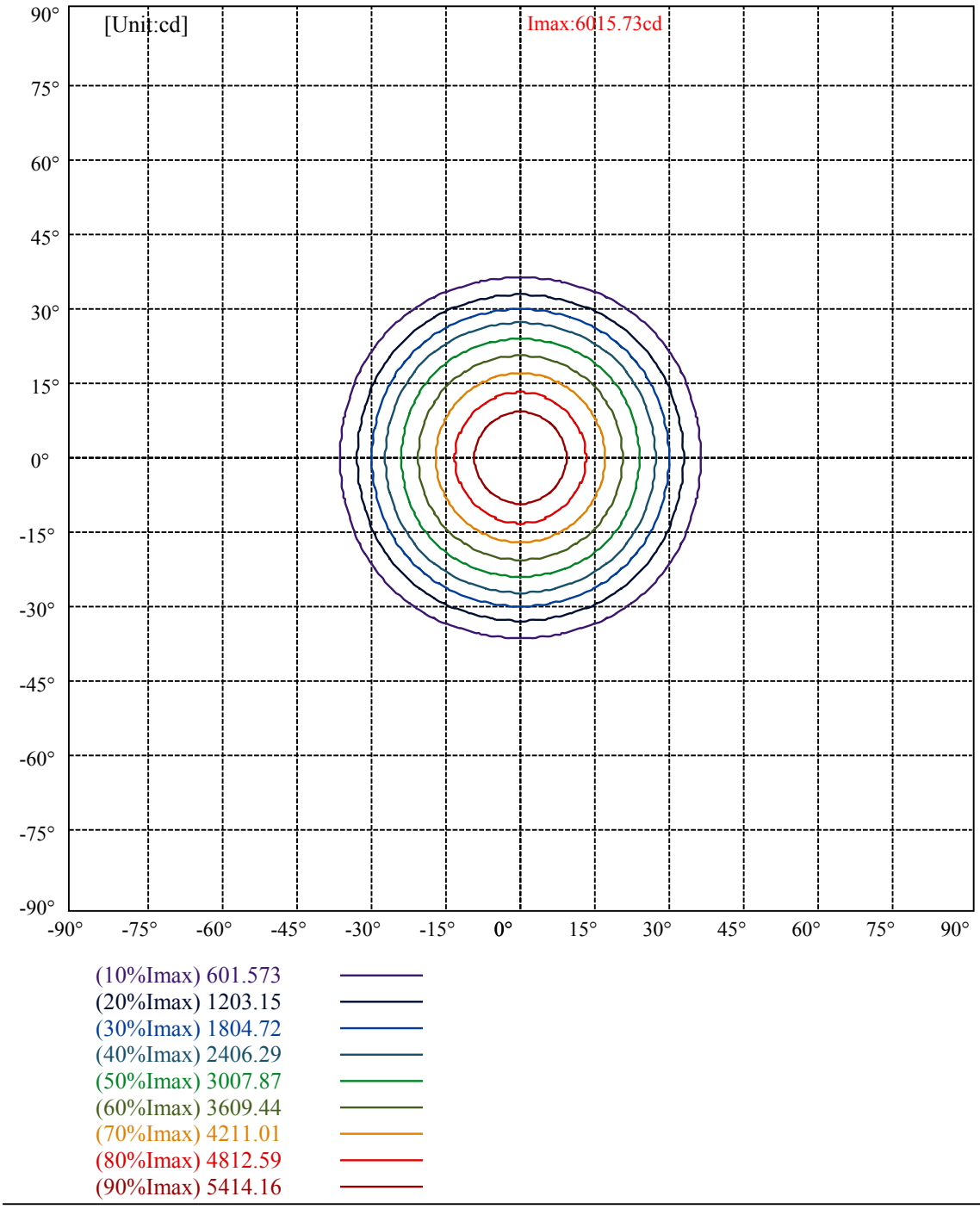
Equipment: GMS1980	Date: 2024/8/13	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Lux distance Curve



Equipment: GMS1980 Date: 2024/8/13 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)

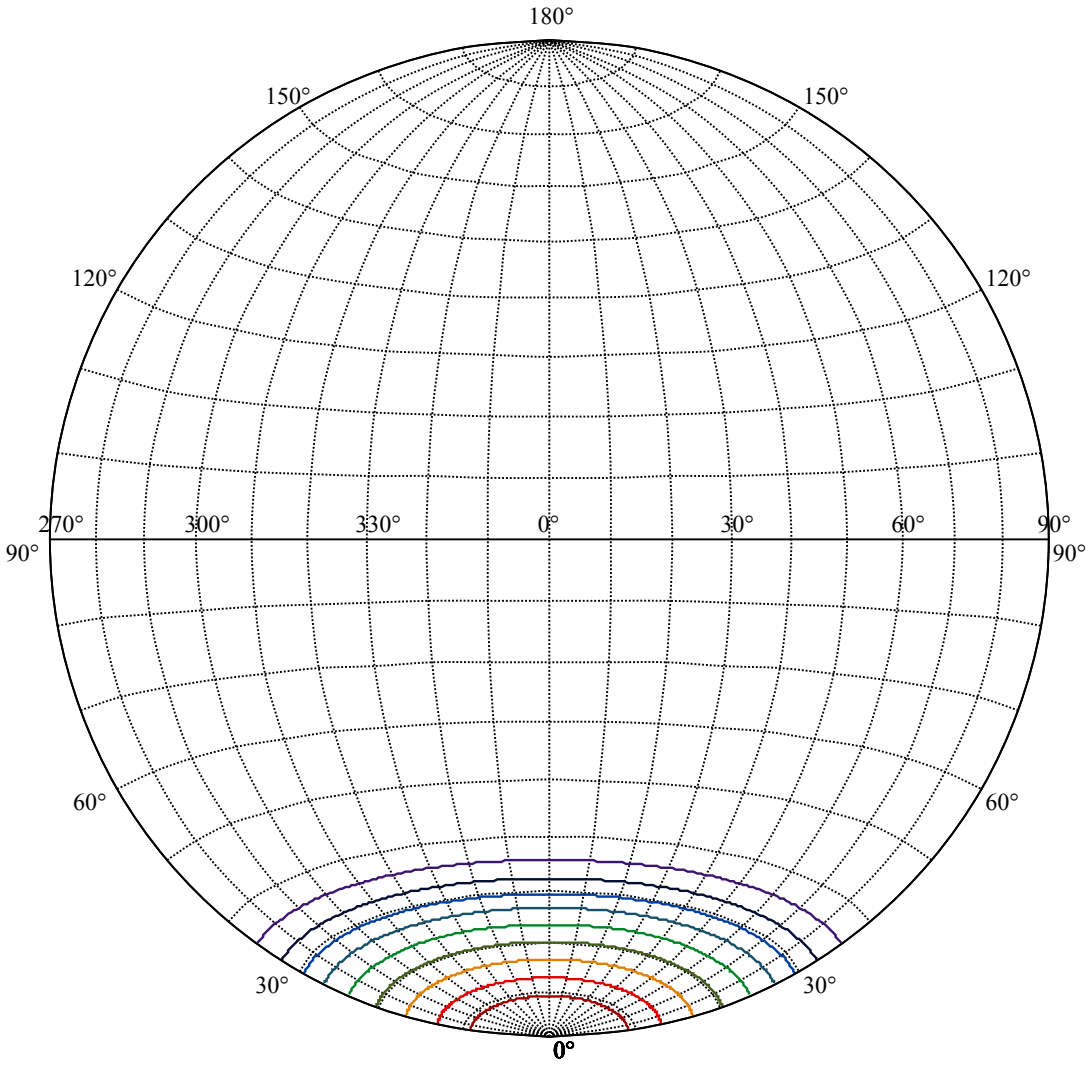


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/8/13
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



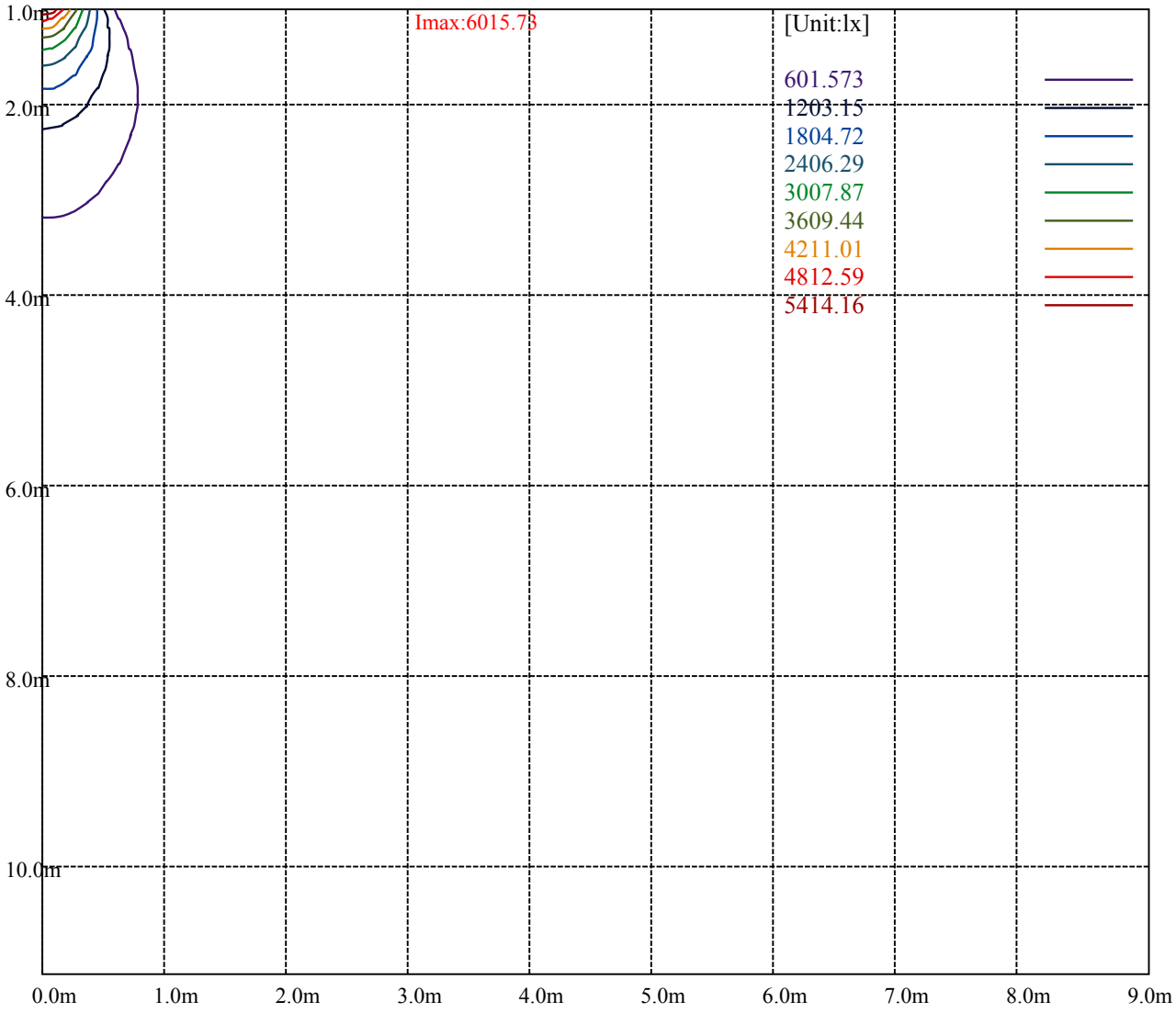
House [Unit:cd] Road

Imax:6015.73

(10%Imax) 601.573
(20%Imax) 1203.15
(30%Imax) 1804.72
(40%Imax) 2406.29
(50%Imax) 3007.87
(60%Imax) 3609.44
(70%Imax) 4211.01
(80%Imax) 4812.59
(90%Imax) 5414.16

Equipment: GMS1980 Date: 2024/8/13 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/8/13
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Luminance Limitting Curve(no luminous side)

Luminance Table

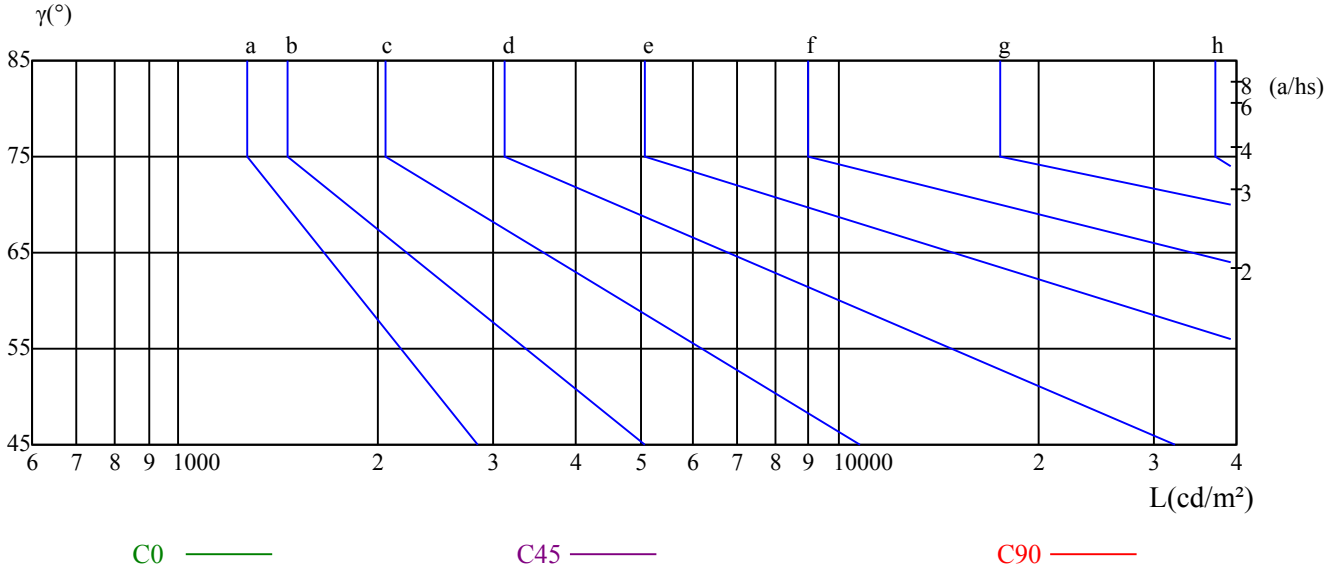
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

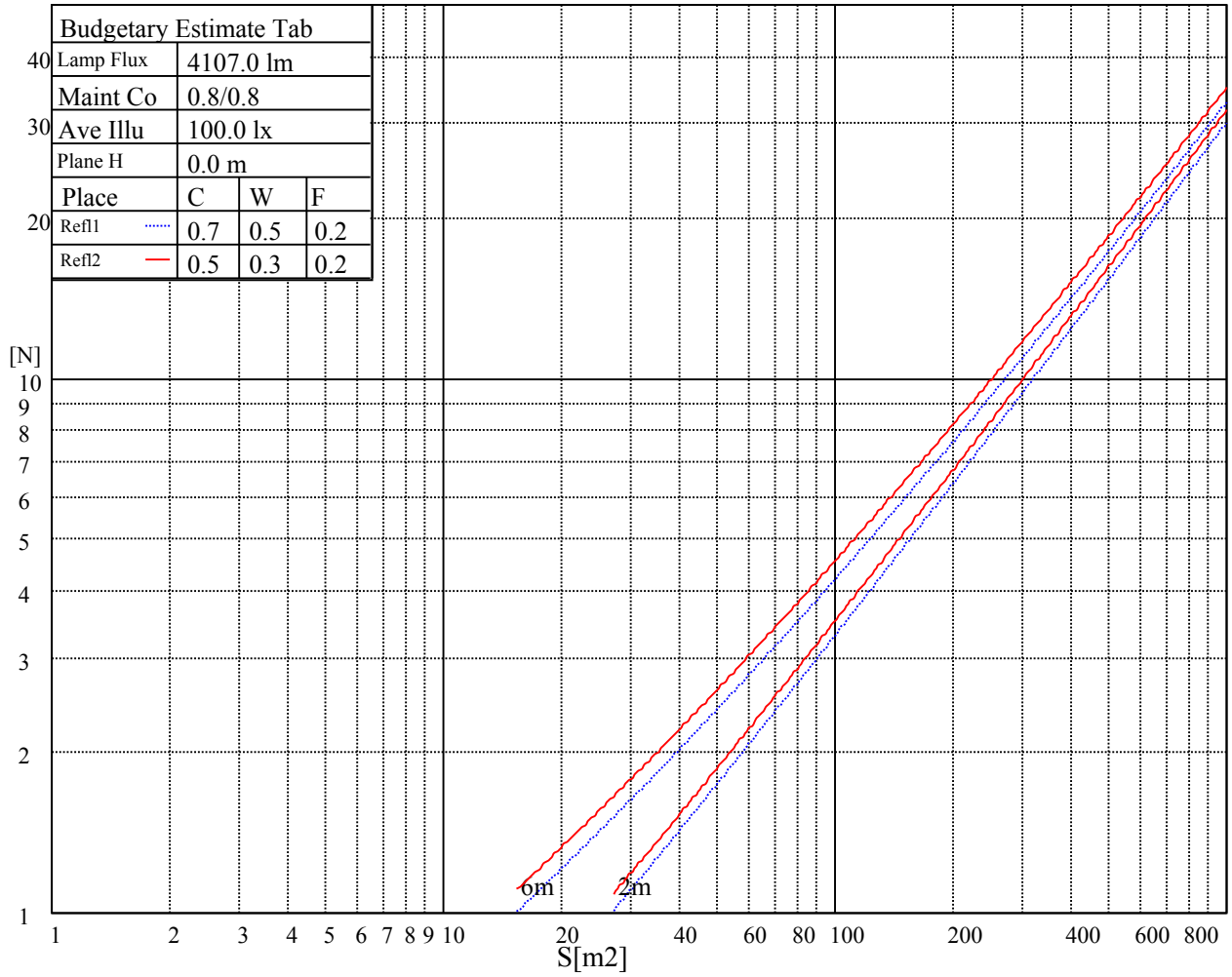
Luminance Limitting Curve



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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

Budgetary Estimate Table

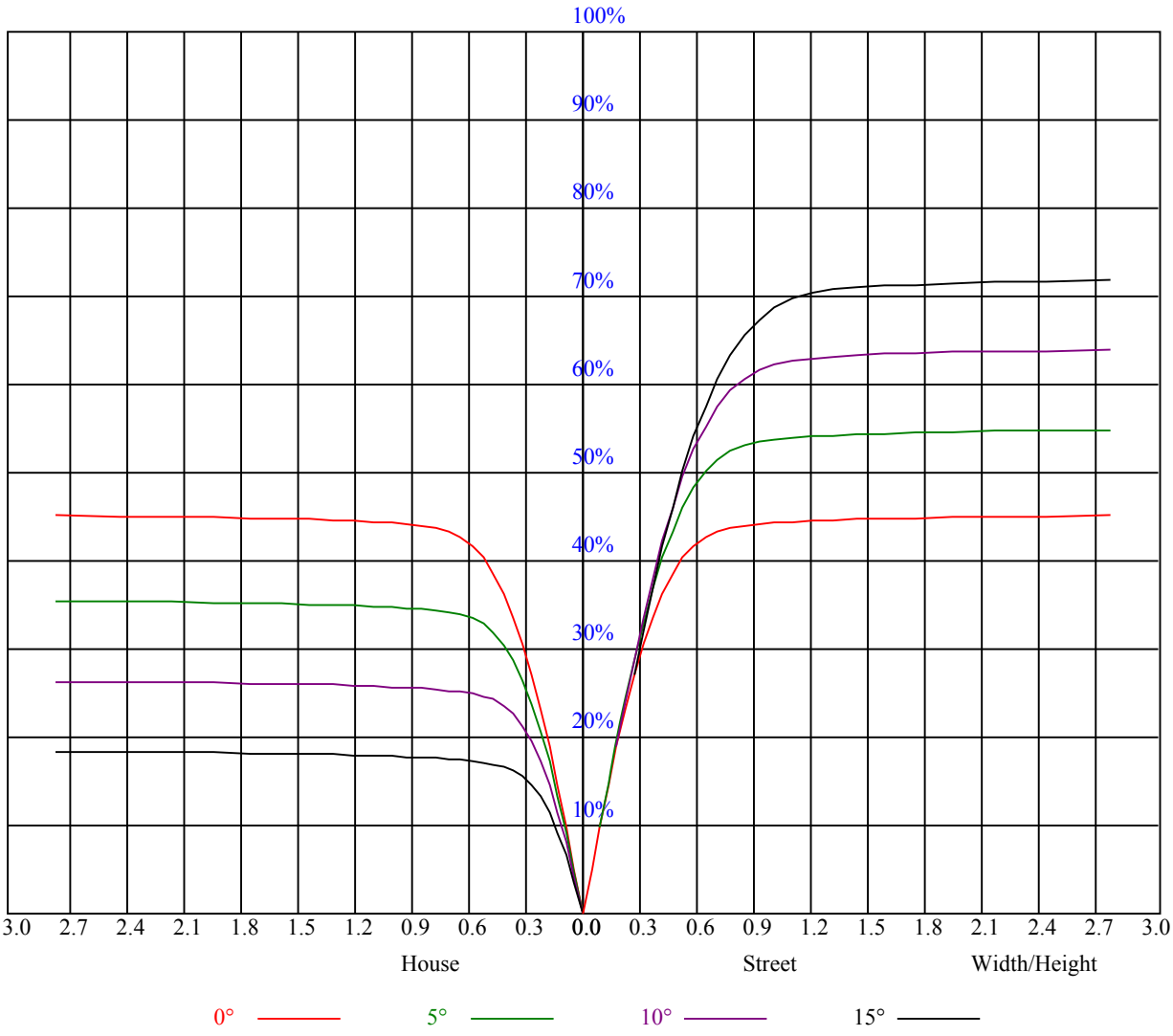


Equipment: GMS1980 Date: 2024/8/13 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Utilization factor table for indoor luminaire

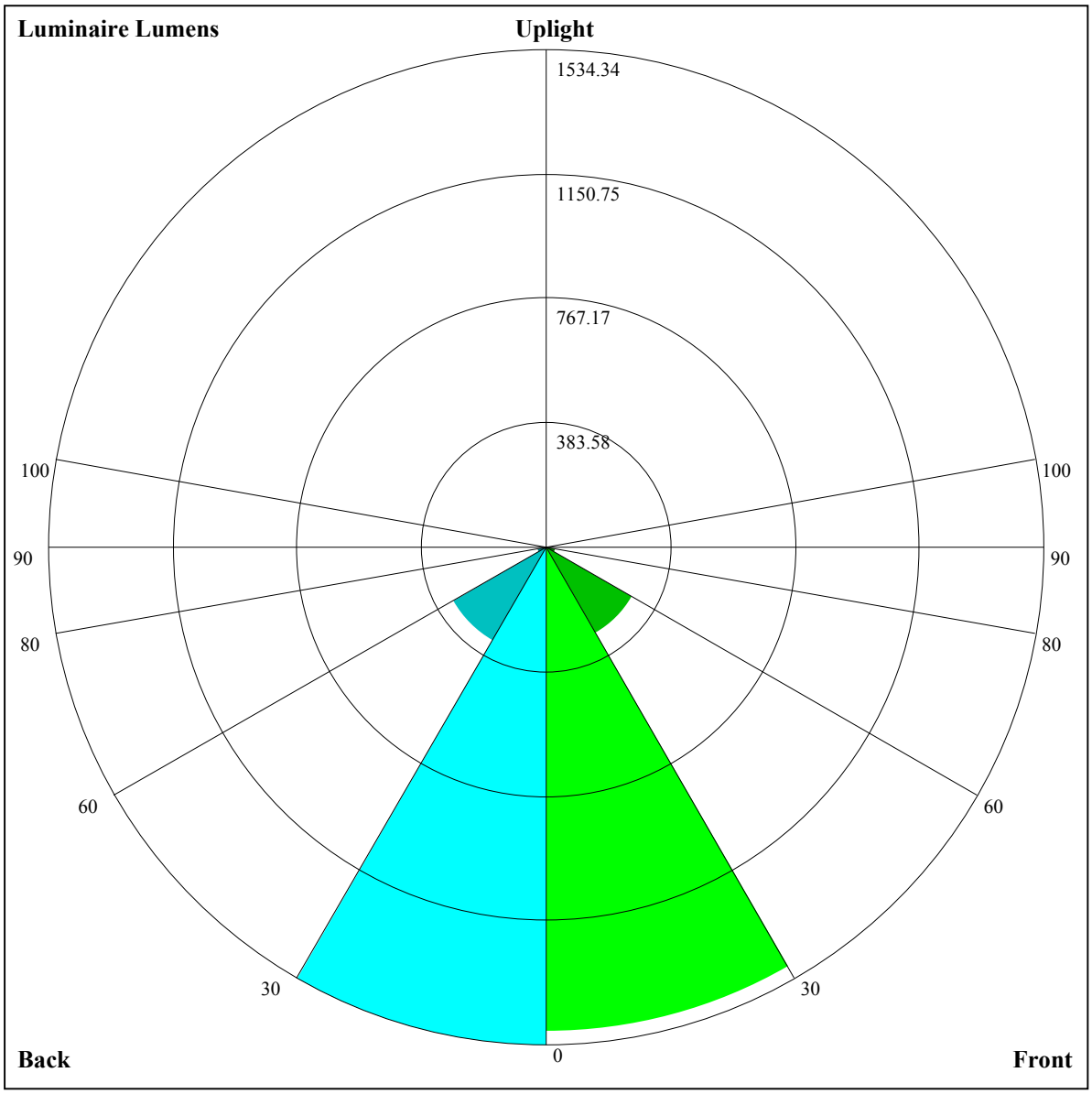
RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.08	1.08	1.08	1.06	1.06	1.06	1.01	1.01	1.01	0.97	0.97	0.97	0.93	0.93	0.93	0.91
1	1.01	0.99	0.97	0.99	0.97	0.95	0.95	0.94	0.92	0.92	0.91	0.89	0.89	0.88	0.87	0.85
2	0.94	0.91	0.88	0.93	0.89	0.87	0.90	0.87	0.85	0.87	0.85	0.83	0.85	0.83	0.81	0.80
3	0.88	0.84	0.81	0.87	0.83	0.80	0.85	0.81	0.79	0.83	0.80	0.78	0.81	0.78	0.76	0.75
4	0.83	0.78	0.75	0.82	0.78	0.74	0.80	0.77	0.74	0.79	0.75	0.73	0.77	0.74	0.72	0.71
5	0.79	0.74	0.70	0.78	0.73	0.70	0.76	0.72	0.69	0.75	0.71	0.68	0.73	0.70	0.68	0.67
6	0.74	0.69	0.66	0.74	0.69	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.63
7	0.70	0.65	0.62	0.70	0.65	0.62	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.60
8	0.67	0.62	0.58	0.66	0.62	0.58	0.65	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.56
9	0.64	0.59	0.55	0.63	0.59	0.55	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.55	0.54
10	0.61	0.56	0.53	0.60	0.56	0.53	0.60	0.55	0.52	0.59	0.55	0.52	0.58	0.55	0.52	0.51

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/8/13	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

LCS Graph



Luminaire Lumens:

FL=1491.12,FM=305.69,FH=29.94,FVH=9.78

BL=1534.34,BM=332.91,BH=30.26,BVH=9.88

UL=0,UH=0

BUG Rating:B3-U0-G0

Equipment: GMS1980	Date: 2024/8/13	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

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	6016.17	6006.81	5971.11	5930.14	5871.62	5798.47	5687.28	5578.42	5462.55
45.0	6011.49	6005.64	5987.50	5982.81	5950.04	5890.35	5820.71	5697.81	5597.74
90.0	6011.49	6003.30	5982.23	5944.77	5897.96	5830.07	5734.09	5639.29	5502.34
135.0	6023.78	6024.95	6014.42	5989.84	5964.09	5917.27	5862.84	5786.18	5687.86
180.0	6016.17	6001.54	6002.13	5983.98	5957.65	5920.19	5855.82	5775.06	5635.19
225.0	6011.49	6009.73	5992.18	5963.50	5916.68	5866.94	5761.01	5653.92	5523.41
270.0	6011.49	6017.93	6025.54	5999.20	5965.26	5927.80	5862.26	5768.62	5658.60
315.0	6023.78	6023.78	6008.56	5961.75	5919.02	5847.63	5718.88	5619.97	5492.40
360.0	6016.17	6006.81	5971.11	5930.14	5871.62	5798.47	5687.28	5578.42	5462.55

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5315.07	5126.63	4970.96	4819.97	4642.65	4492.83	4311.41	4147.55	3990.12
45.0	5482.45	5343.16	5210.32	5038.26	4893.12	4726.34	4577.10	4433.14	4229.48
90.0	5378.86	5234.90	5051.72	4900.73	4759.69	4585.88	4443.67	4314.92	4143.45
135.0	5559.11	5430.36	5319.17	5150.62	5005.49	4812.95	4675.42	4528.53	4339.50
180.0	5531.02	5398.76	5258.89	5085.66	4932.33	4780.76	4630.36	4446.60	4292.10
225.0	5401.10	5210.90	5061.08	4904.83	4750.33	4565.98	4409.73	4275.13	4114.78
270.0	5510.54	5389.40	5244.84	5083.32	4891.95	4738.04	4580.03	4423.77	4231.82
315.0	5316.24	5165.25	4998.47	4844.55	4653.18	4513.31	4361.74	4205.49	4008.26
360.0	5315.07	5126.63	4970.96	4819.97	4642.65	4492.83	4311.41	4147.55	3990.12

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3843.23	3650.11	3502.63	3344.62	3168.47	2958.37	2787.49	2623.62	2430.50
45.0	4089.61	3946.23	3744.33	3588.07	3435.91	3250.40	3074.25	2866.49	2696.19
90.0	3956.76	3800.51	3640.16	3472.20	3249.81	3075.42	2895.17	2682.14	2506.58
135.0	4182.08	4025.24	3867.81	3665.32	3508.48	3339.94	3170.81	2950.18	2771.10
180.0	4097.80	3949.74	3789.98	3585.15	3444.11	3266.20	3047.33	2888.14	2710.82
225.0	3924.58	3760.13	3562.32	3404.31	3243.96	3039.13	2870.59	2710.82	2538.18
270.0	4065.62	3911.12	3702.78	3548.28	3397.87	3182.51	3023.92	2867.66	2659.91
315.0	3841.48	3680.54	3473.37	3293.12	3091.22	2925.60	2764.08	2591.43	2356.17
360.0	3843.23	3650.11	3502.63	3344.62	3168.47	2958.37	2787.49	2623.62	2430.50

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	2188.21	1985.73	1744.03	1394.65	1161.73	1115.50	936.77	768.58	582.59
45.0	2511.84	2269.56	2073.51	1878.63	1634.59	1437.96	1192.75	1009.57	834.00
90.0	2268.98	2069.41	1868.10	1667.95	1121.99	1121.99	1030.58	856.83	660.43
135.0	2596.12	2357.34	2153.69	1953.54	1699.55	1495.31	1294.58	1061.07	886.09
180.0	2540.52	2307.60	2101.02	1888.58	1674.39	1420.40	1217.91	1029.47	815.28
225.0	2294.73	2092.24	1880.39	1671.46	1159.68	1159.68	1016.18	799.36	643.05
270.0	2467.37	2283.02	2083.46	1801.97	1605.33	1402.26	1198.01	959.83	788.94
315.0	2154.86	1957.64	1696.63	1163.43	1163.43	1114.80	895.86	738.09	593.36
360.0	2188.21	1985.73	1744.03	1394.65	1161.73	1115.50	936.77	768.58	582.59

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	455.83	350.43	269.09	212.55	186.57	165.44	148.30	130.62	118.74
45.0	678.33	502.77	385.14	311.98	311.98	189.61	167.90	149.88	134.89
90.0	524.01	409.13	317.48	232.57	199.91	169.60	150.11	134.25	117.86
135.0	726.91	586.45	434.30	333.05	311.98	311.98	179.20	159.18	142.27
180.0	666.04	501.01	391.57	302.62	302.62	189.55	168.37	149.93	134.60
225.0	506.92	365.71	279.27	212.09	184.52	162.87	145.31	130.68	116.11
270.0	599.91	467.65	360.56	296.18	296.18	184.35	158.36	141.86	126.94
315.0	467.65	335.80	260.83	208.16	182.12	161.05	140.86	127.05	115.87
360.0	455.83	350.43	269.09	212.55	186.57	165.44	148.30	130.62	118.74

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	108.56	97.32	89.36	82.58	75.26	70.29	66.01	61.39	58.00
45.0	119.09	108.62	97.21	89.01	81.29	73.74	68.41	64.08	59.58
90.0	106.92	97.32	86.79	79.53	73.68	68.41	62.91	59.17	55.77
135.0	124.89	113.59	101.01	92.17	84.27	77.31	69.82	65.14	61.16
180.0	119.03	108.73	99.61	91.59	82.63	76.55	71.40	65.95	62.03
225.0	106.10	97.62	89.71	81.23	75.49	70.40	65.25	61.39	57.47
270.0	116.46	106.63	95.45	87.67	80.18	73.09	68.24	64.14	60.40
315.0	105.87	95.04	87.14	80.41	74.73	68.47	64.37	60.57	56.47
360.0	108.56	97.32	89.36	82.58	75.26	70.29	66.01	61.39	58.00

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	54.95	52.20	49.10	46.94	44.89	43.19	41.08	39.68	38.27
45.0	56.24	53.26	50.50	48.16	45.47	43.54	41.73	39.85	38.39
90.0	52.90	49.63	47.23	44.59	42.66	41.02	39.62	37.86	36.58
135.0	57.70	53.67	50.91	48.46	46.12	43.72	41.90	39.80	38.27
180.0	57.82	54.72	51.97	49.57	46.82	44.95	43.13	41.49	39.62
225.0	54.54	51.97	49.04	46.94	45.00	43.25	41.14	39.68	38.22
270.0	56.53	53.02	50.56	48.34	46.23	43.95	42.19	40.61	39.15
315.0	53.61	50.45	48.11	46.06	44.07	41.90	40.26	38.80	37.34
360.0	54.95	52.20	49.10	46.94	44.89	43.19	41.08	39.68	38.27

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	36.69	35.46	34.12	33.07	32.01	31.13	29.90	29.03	28.15
45.0	36.81	35.64	34.53	33.12	32.19	31.13	30.20	29.32	28.27
90.0	35.41	34.06	33.07	32.07	31.19	30.02	29.14	28.32	27.27
135.0	36.93	35.46	34.35	33.30	32.07	31.08	30.20	29.26	28.15
180.0	38.22	36.99	35.46	34.41	33.36	32.13	31.13	30.31	29.20
225.0	36.81	35.23	34.00	32.83	31.54	30.55	29.50	28.32	27.45
270.0	37.40	36.11	34.88	33.71	32.30	31.25	29.96	28.97	28.03
315.0	35.70	34.53	33.36	32.30	31.02	30.08	28.85	27.97	27.15
360.0	36.69	35.46	34.12	33.07	32.01	31.13	29.90	29.03	28.15

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	27.33	26.34	25.57	24.81	24.17	23.23	22.53	21.71	21.01
45.0	27.45	26.51	25.81	24.93	24.17	23.23	22.53	21.89	21.07
90.0	26.51	25.69	24.76	24.05	23.35	22.47	21.77	21.13	20.31
135.0	27.39	26.57	25.81	24.81	24.11	23.17	22.47	21.83	21.07
180.0	28.32	27.51	26.51	25.69	24.87	24.17	23.29	22.59	21.95
225.0	26.39	25.57	24.81	24.05	23.35	22.47	21.83	21.13	20.37
270.0	26.98	26.16	25.40	24.58	23.64	23.00	22.30	21.65	20.83
315.0	26.10	25.40	24.58	23.70	22.94	22.24	21.59	20.89	20.13
360.0	27.33	26.34	25.57	24.81	24.17	23.23	22.53	21.71	21.01

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	20.37	19.72	19.08	18.61	18.02	17.56	17.03	16.68	16.21
45.0	20.42	19.78	19.02	18.49	17.97	17.50	17.09	16.68	16.33
90.0	19.66	19.02	18.49	17.91	17.50	17.03	16.68	16.33	15.98
135.0	20.42	19.78	18.96	18.43	17.97	17.44	17.03	16.68	16.33
180.0	21.19	20.60	19.90	19.31	18.84	18.20	17.85	17.44	16.74
225.0	19.78	19.14	18.61	18.14	17.67	17.21	16.85	16.44	15.92
270.0	20.13	19.49	18.79	18.14	17.67	17.21	16.91	16.44	16.15
315.0	19.55	18.90	18.32	17.85	17.32	16.91	16.62	16.27	15.92
360.0	20.37	19.72	19.08	18.61	18.02	17.56	17.03	16.68	16.21

Intensity data(cd)

C/γ(°)	90.0
0.0	15.98
45.0	15.98
90.0	15.92
135.0	15.92
180.0	15.98
225.0	15.98
270.0	15.92
315.0	15.92
360.0	15.98