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

NT

Client:
LumCAT: 2-2685-L
Luminaire: 92.70.412.00
Report No: 2024305-B017
Ballast type: AC

Test No: 2024305-C017	Voltage(V): 34.230
LampCAT: TRIDONIC SLE G7 15MM	Current(A): 0.532
Lamp flux(lm): 3287.0	Power (W): 18.210
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2805.34, Efficiency(%): 85.35% , Luminous Efficacy(lm/W): 154.05
Central intensity(cd): 4782.810, Maximum intensity(cd): 4782.810
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=45.4
[C90/270]Total=45.4
Field angle(10%Imax): [C0/180]Total=69.4
[C90/270]Total=69.4
Maximum s/h(1/2): C0_180=0.73 C90_270=0.73
Maximum s/h(1/4): C0_180=0.71 C90_270=0.71
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 85.35%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.949%

NT 2-2685-L

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4782.810	0.000	0	0.00%	0.00%
1.0	4775.714	4.574	4.574	0.14%	0.16%
2.0	4761.742	13.689	18.263	0.42%	0.65%
3.0	4741.551	22.729	40.991	0.69%	1.46%
4.0	4708.925	31.634	72.625	0.96%	2.59%
5.0	4671.617	40.355	112.98	1.23%	4.03%
6.0	4624.068	48.851	161.831	1.49%	5.77%
7.0	4560.059	57.006	218.837	1.73%	7.80%
8.0	4490.051	64.770	283.607	1.97%	10.11%
9.0	4398.902	72.040	355.647	2.19%	12.68%
10.0	4304.315	78.761	434.408	2.40%	15.49%
11.0	4191.586	84.892	519.299	2.58%	18.51%
12.0	4077.979	90.398	609.697	2.75%	21.73%
13.0	3960.349	95.395	705.092	2.90%	25.13%
14.0	3828.527	99.697	804.789	3.03%	28.69%
15.0	3691.146	103.233	908.023	3.14%	32.37%
16.0	3530.501	105.817	1013.84	3.22%	36.14%
17.0	3372.418	107.497	1121.337	3.27%	39.97%
18.0	3205.628	108.458	1229.795	3.30%	43.84%
19.0	3046.520	108.775	1338.569	3.31%	47.72%
20.0	2873.513	108.353	1446.922	3.30%	51.58%
21.0	2697.873	106.982	1553.904	3.25%	55.39%
22.0	2525.597	104.968	1658.872	3.19%	59.13%
23.0	2343.665	102.170	1761.042	3.11%	62.77%
24.0	2172.560	98.741	1859.783	3.00%	66.29%
25.0	1989.750	94.642	1954.425	2.88%	69.67%
26.0	1814.256	89.794	2044.219	2.73%	72.87%
27.0	1579.742	83.035	2127.254	2.53%	75.83%
28.0	1429.778	76.195	2203.449	2.32%	78.54%
29.0	1240.699	69.867	2273.316	2.13%	81.04%
30.0	1108.204	63.420	2336.736	1.93%	83.30%
31.0	950.625	57.294	2394.03	1.74%	85.34%
32.0	797.647	50.086	2444.116	1.52%	87.12%
33.0	660.543	42.959	2487.075	1.31%	88.66%
34.0	545.759	36.506	2523.581	1.11%	89.96%
35.0	446.863	30.827	2554.408	0.94%	91.06%
36.0	370.894	26.038	2580.446	0.79%	91.98%
37.0	308.831	22.169	2602.615	0.67%	92.77%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	267.594	19.240	2621.855	0.59%	93.46%
39.0	215.165	16.478	2638.333	0.50%	94.05%
40.0	181.632	13.839	2652.172	0.42%	94.54%
41.0	138.464	11.398	2663.57	0.35%	94.95%
42.0	115.670	9.233	2672.803	0.28%	95.28%
43.0	96.774	7.870	2680.673	0.24%	95.56%
44.0	81.866	6.742	2687.415	0.21%	95.80%
45.0	71.149	5.881	2693.296	0.18%	96.01%
46.0	63.270	5.257	2698.552	0.16%	96.19%
47.0	56.899	4.779	2703.332	0.15%	96.36%
48.0	52.407	4.419	2707.751	0.13%	96.52%
49.0	48.720	4.153	2711.903	0.13%	96.67%
50.0	45.472	3.927	2715.831	0.12%	96.81%
51.0	42.860	3.737	2719.568	0.11%	96.94%
52.0	40.607	3.582	2723.149	0.11%	97.07%
53.0	38.610	3.446	2726.595	0.10%	97.19%
54.0	36.862	3.326	2729.922	0.10%	97.31%
55.0	35.223	3.218	2733.14	0.10%	97.43%
56.0	33.841	3.121	2736.26	0.09%	97.54%
57.0	32.429	3.030	2739.29	0.09%	97.65%
58.0	31.105	2.938	2742.228	0.09%	97.75%
59.0	29.627	2.839	2745.068	0.09%	97.85%
60.0	28.332	2.738	2747.806	0.08%	97.95%
61.0	26.906	2.636	2750.442	0.08%	98.04%
62.0	25.669	2.533	2752.975	0.08%	98.13%
63.0	24.345	2.432	2755.408	0.07%	98.22%
64.0	23.168	2.331	2757.739	0.07%	98.30%
65.0	22.122	2.241	2759.981	0.07%	98.38%
66.0	21.200	2.161	2762.142	0.07%	98.46%
67.0	20.454	2.094	2764.237	0.06%	98.53%
68.0	19.993	2.049	2766.285	0.06%	98.61%
69.0	19.686	2.024	2768.31	0.06%	98.68%
70.0	19.451	2.010	2770.32	0.06%	98.75%
71.0	19.305	2.003	2772.323	0.06%	98.82%
72.0	19.151	2.000	2774.322	0.06%	98.89%
73.0	19.064	1.998	2776.321	0.06%	98.97%
74.0	18.947	1.998	2778.319	0.06%	99.04%
75.0	18.844	1.997	2780.316	0.06%	99.11%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	18.720	1.994	2782.31	0.06%	99.18%
77.0	18.596	1.989	2784.299	0.06%	99.25%
78.0	18.442	1.983	2786.282	0.06%	99.32%
79.0	18.105	1.964	2788.246	0.06%	99.39%
80.0	17.659	1.928	2790.174	0.06%	99.46%
81.0	17.067	1.878	2792.052	0.06%	99.53%
82.0	16.196	1.804	2793.855	0.05%	99.59%
83.0	15.223	1.708	2795.563	0.05%	99.65%
84.0	14.192	1.602	2797.166	0.05%	99.71%
85.0	13.292	1.500	2798.666	0.05%	99.76%
86.0	12.612	1.416	2800.082	0.04%	99.81%
87.0	12.180	1.357	2801.439	0.04%	99.86%
88.0	11.887	1.318	2802.757	0.04%	99.91%
89.0	11.741	1.295	2804.052	0.04%	99.95%
90.0	11.661	1.283	2805.335	0.04%	100.00%

Zonal flux distribution table

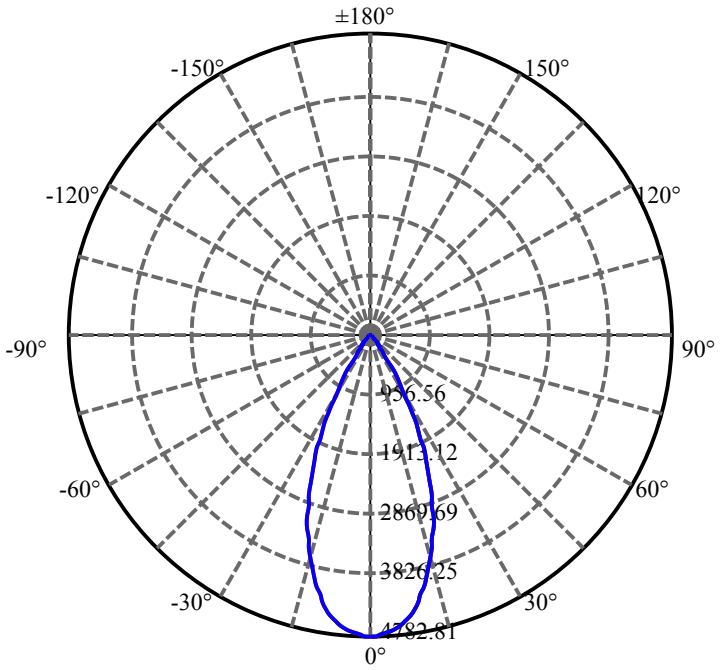
ZONAL LUMEN SUMMARY

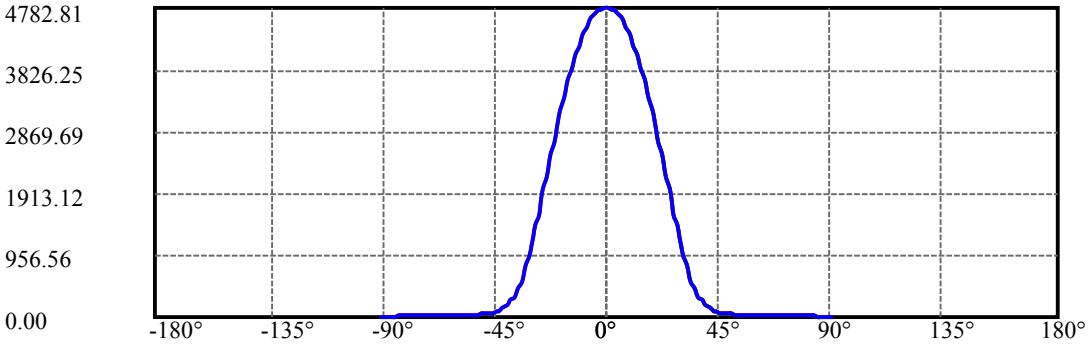
Zone	Lumens	%Lamp	%Fixt
0-30	2336.74	71.09%	83.30%
0-40	2652.17	80.69%	94.54%
0-60	2747.81	83.60%	97.95%
0-90	2804.05	85.31%	99.95%
0-120	2804.05	85.31%	99.95%
0-180	2805.34	85.35%	100.00%
60-90	56.25	1.71%	2.00%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-28.58	2244.27	68.28%	80.00%

ZONAL LUMEN SUMMARY

0-10	434.41
10-20	1012.51
20-30	889.81
30-40	315.44
40-50	63.66
50-60	31.98
60-70	22.51
70-80	19.85
80-90	13.88
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):

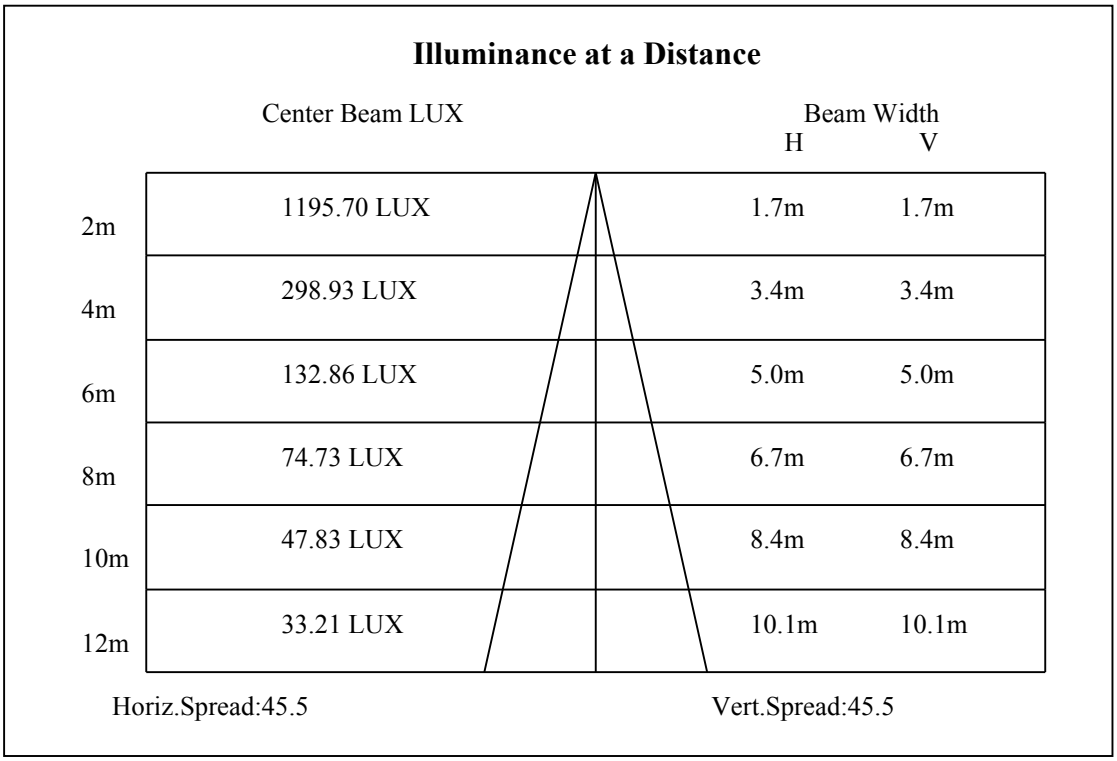
C0/C180:

C90/C270:

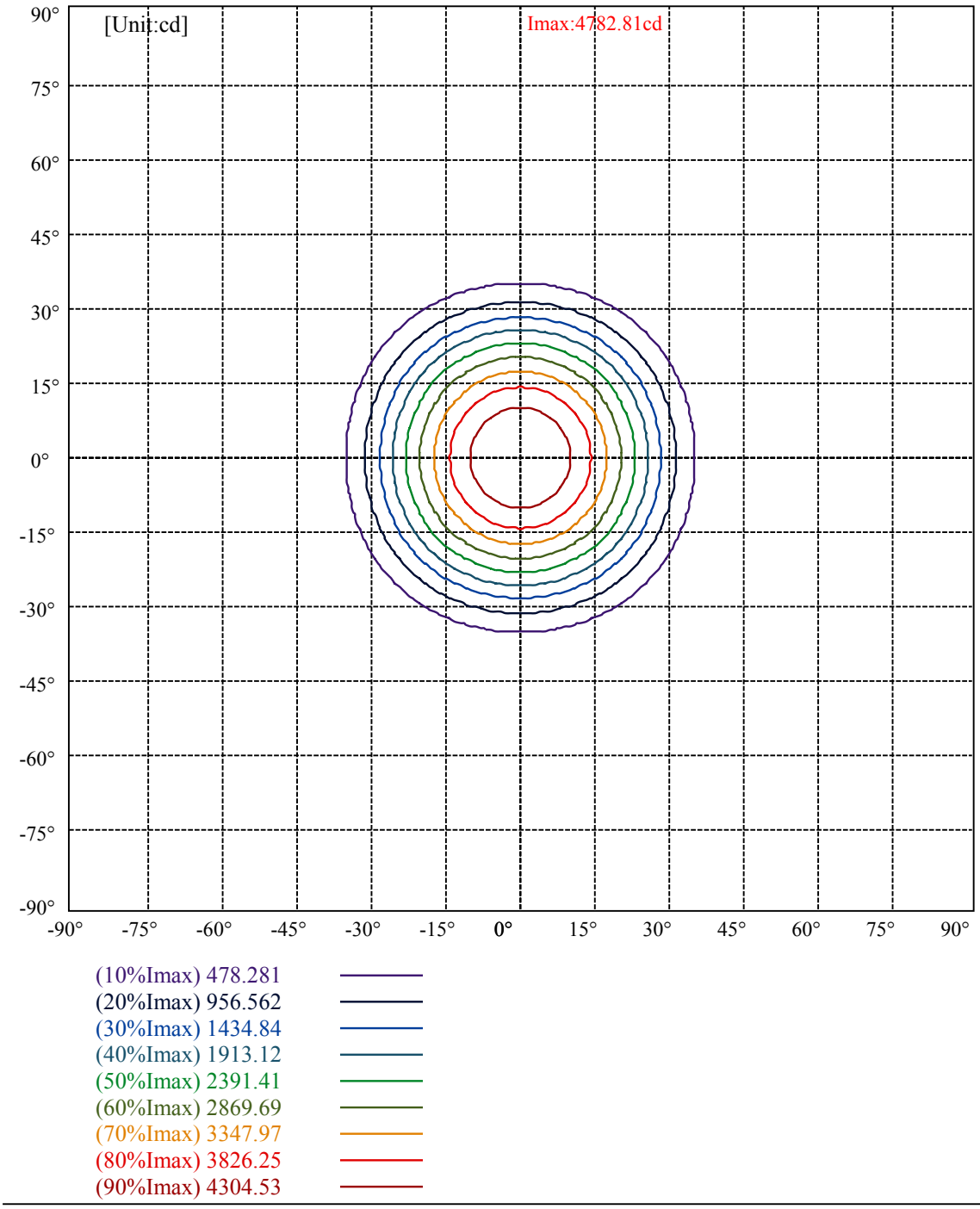
Field angle(10%Imax):C0/180Left:34.7 Right:34.7
:C90/270Left:34.7 Right:34.7

Beam Angle(50%Imax):C0/180Left:22.7 Right:22.7
:C90/270Left:22.7 Right:22.7

Lux distance Curve



ISO-Intensity(V-H)

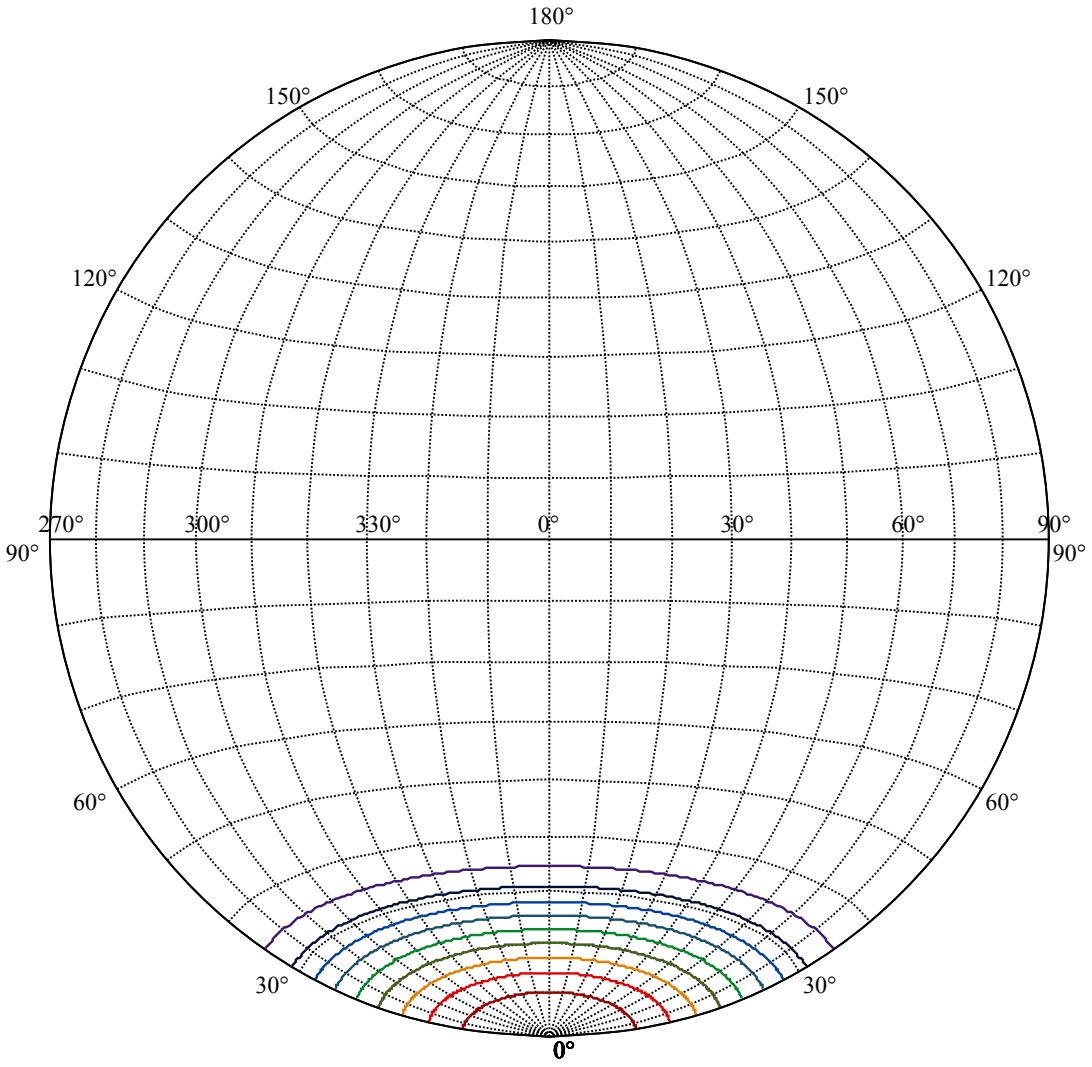


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/05
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web

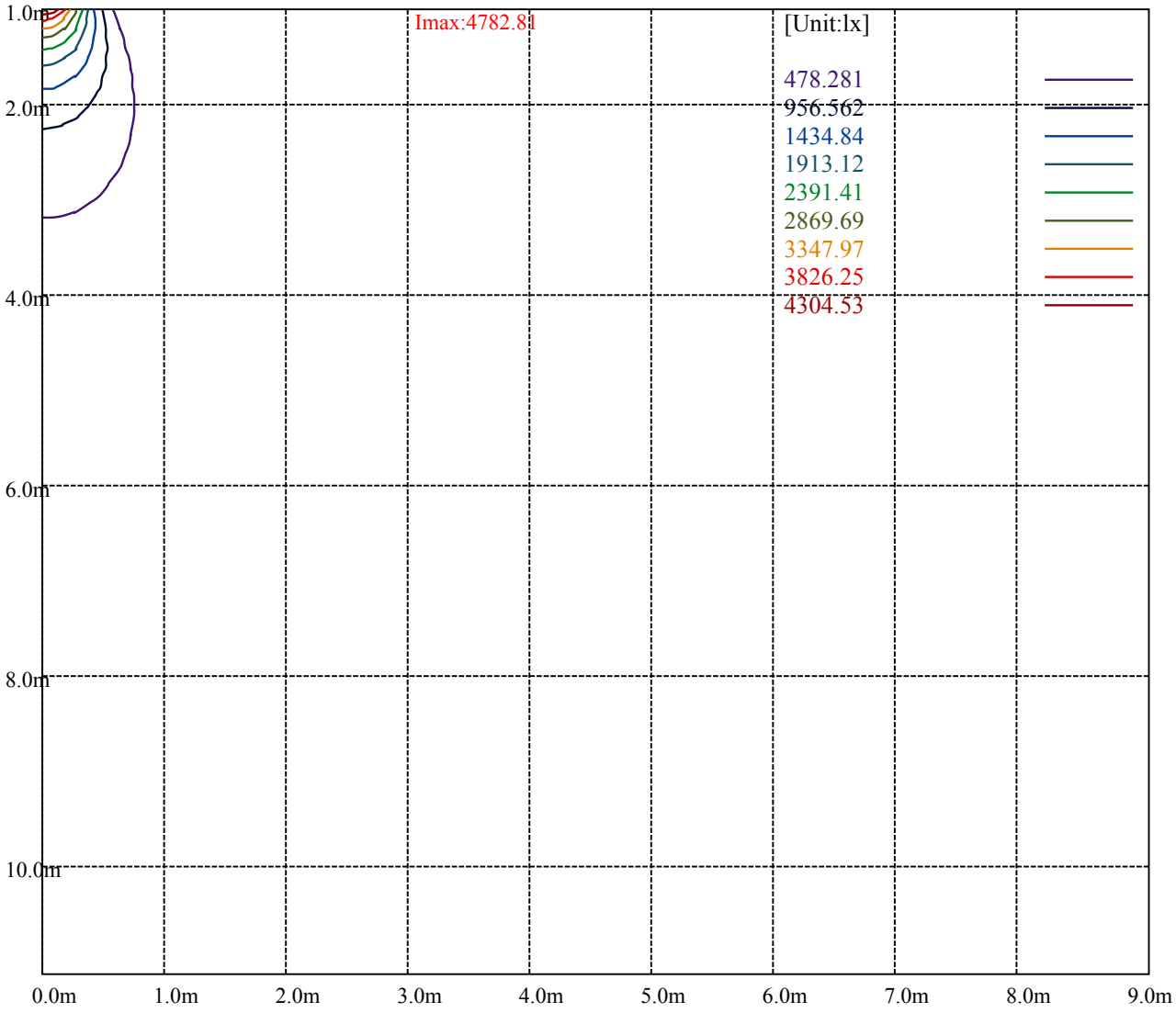


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/05
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/05
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Luminance Limitting Curve(no luminous side)

Luminance Table

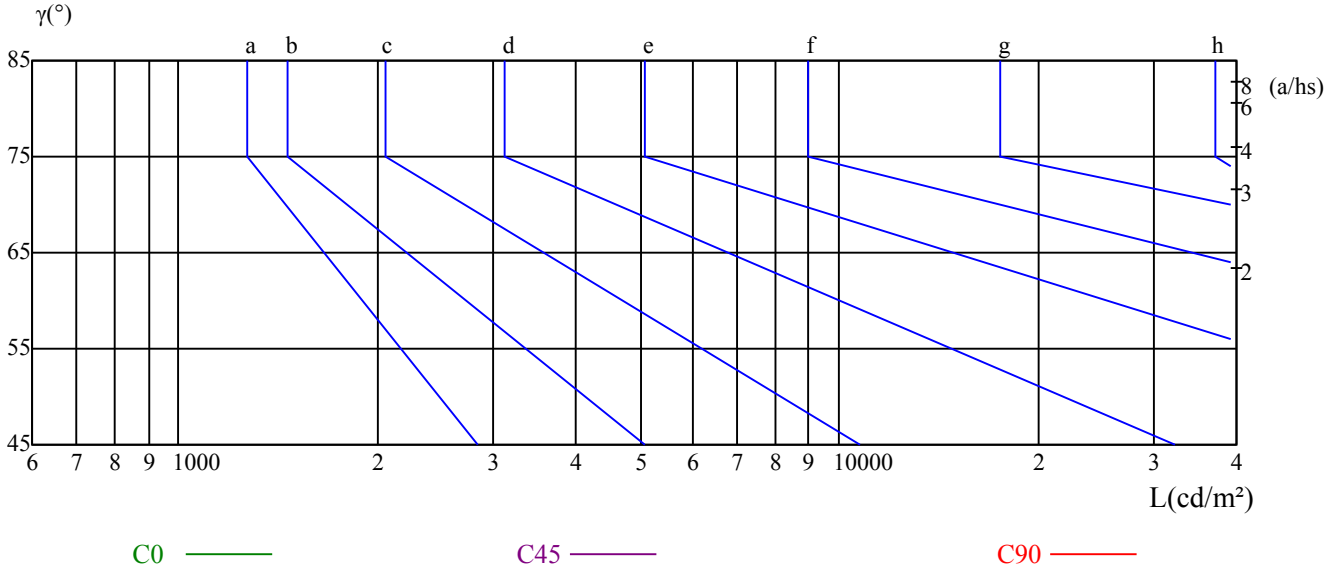
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

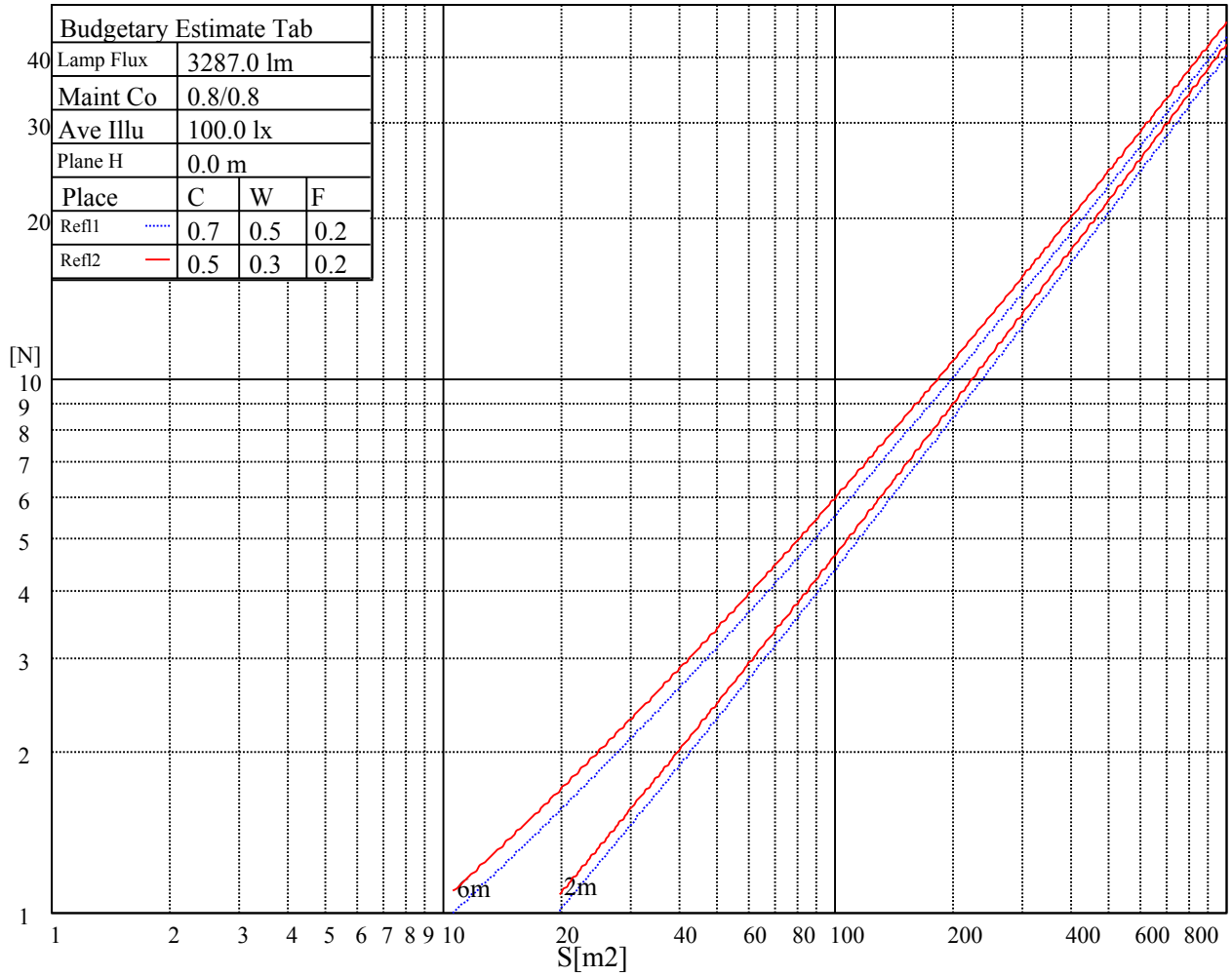
Luminance Limitting Curve



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

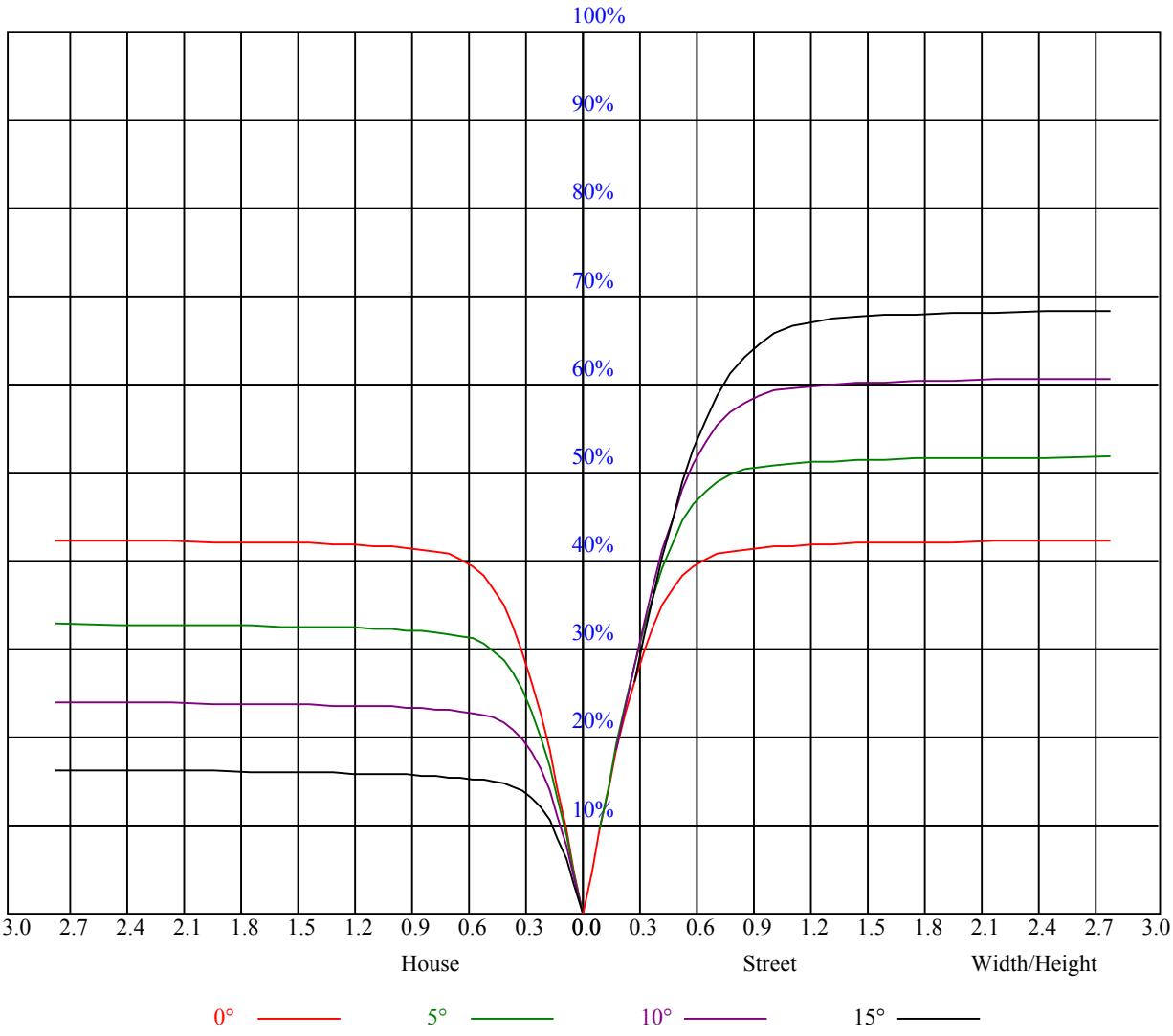


Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

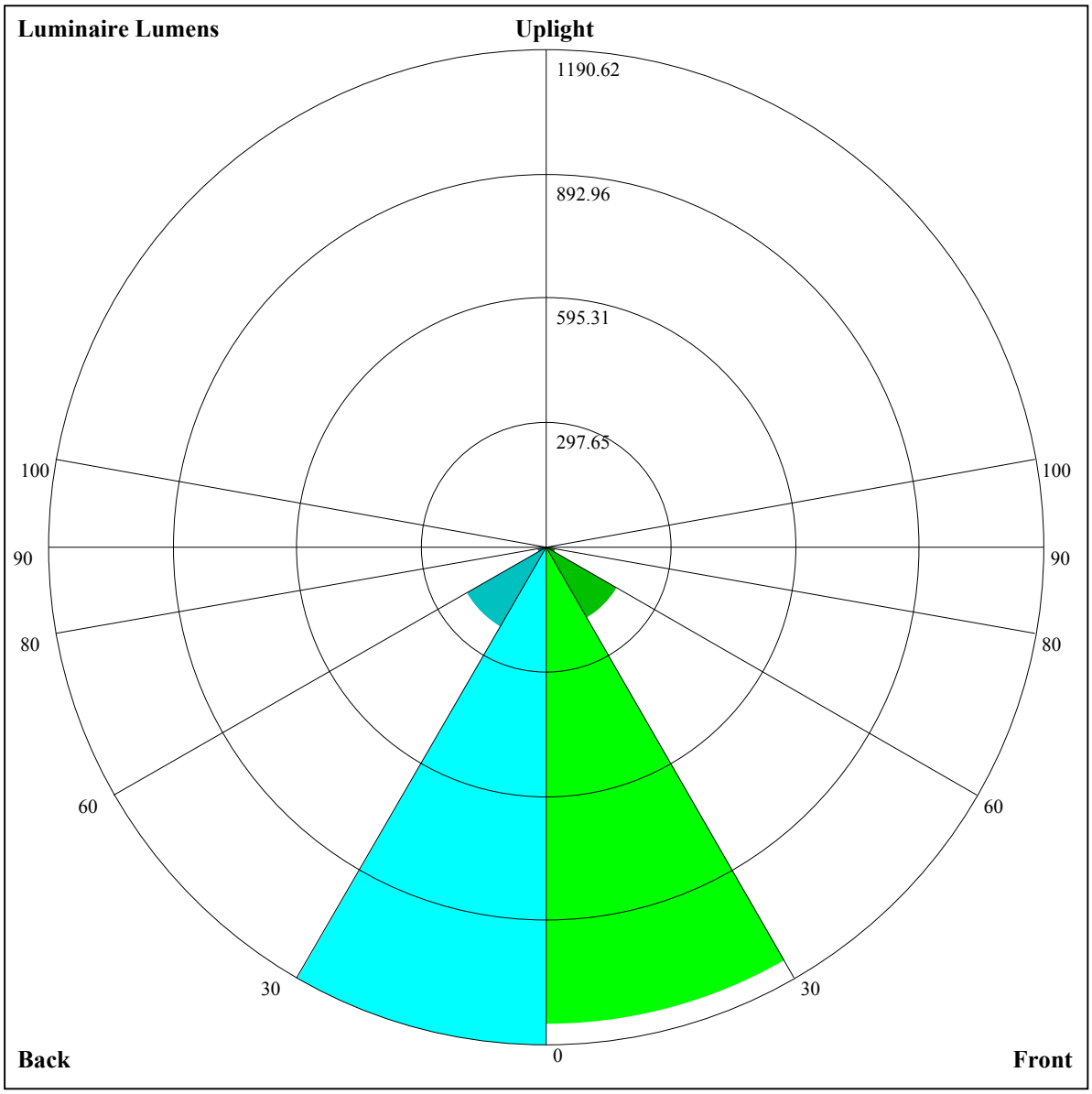
Utilization factor table for indoor luminaire

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	1.02	1.02	1.02	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.85
1	0.95	0.93	0.91	0.93	0.91	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.80
2	0.89	0.85	0.83	0.87	0.84	0.82	0.85	0.82	0.80	0.82	0.80	0.78	0.80	0.78	0.77	0.75
3	0.83	0.79	0.76	0.82	0.79	0.76	0.80	0.77	0.74	0.78	0.75	0.73	0.76	0.74	0.72	0.71
4	0.79	0.74	0.71	0.78	0.74	0.71	0.76	0.72	0.70	0.74	0.71	0.69	0.73	0.70	0.68	0.67
5	0.74	0.70	0.67	0.74	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.69	0.67	0.65	0.63
6	0.71	0.66	0.63	0.70	0.66	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.66	0.63	0.61	0.60
7	0.67	0.62	0.59	0.67	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.58	0.64	0.60	0.58	0.57
8	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.59	0.56	0.62	0.58	0.55	0.61	0.58	0.55	0.54
9	0.61	0.56	0.53	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.55	0.53	0.58	0.55	0.53	0.52
10	0.58	0.54	0.51	0.58	0.54	0.51	0.57	0.53	0.51	0.57	0.53	0.50	0.56	0.53	0.50	0.49

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/3/05	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=1142.54,FM=196.1,FH=21.04,FVH=7.49
BL=1190.62,BM=220.33,BH=21.41,BVH=7.7
UL=0,UH=0

BUG Rating:B3-U0-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	4780.76	4747.99	4717.56	4685.96	4637.97	4589.98	4527.94	4449.52	4361.74
45.0	4787.78	4779.59	4754.43	4729.26	4698.24	4652.60	4610.46	4536.72	4460.64
90.0	4776.66	4748.57	4725.75	4695.90	4650.26	4608.12	4548.43	4456.55	4365.25
135.0	4786.03	4779.01	4760.28	4733.94	4701.17	4667.23	4626.85	4558.38	4488.15
180.0	4780.76	4787.20	4784.27	4780.18	4756.18	4729.85	4695.32	4651.43	4609.88
225.0	4787.78	4787.78	4783.69	4763.79	4733.36	4697.66	4645.57	4594.66	4534.38
270.0	4776.66	4787.78	4788.95	4787.78	4769.06	4739.21	4705.85	4652.60	4601.10
315.0	4786.03	4787.78	4779.01	4755.60	4725.17	4688.30	4632.11	4580.61	4499.27
360.0	4780.76	4747.99	4717.56	4685.96	4637.97	4589.98	4527.94	4449.52	4361.74

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4236.50	4134.09	4028.16	3886.54	3763.06	3593.93	3435.91	3284.34	3092.97
45.0	4371.69	4272.20	4148.13	4043.38	3930.43	3804.61	3670.00	3478.05	3322.97
90.0	4267.52	4168.03	4032.26	3915.21	3793.49	3654.79	3465.18	3311.26	3153.84
135.0	4380.47	4285.66	4184.42	4053.91	3943.89	3820.41	3685.22	3494.44	3338.18
180.0	4536.14	4460.64	4375.20	4272.20	4144.04	4036.36	3920.48	3794.07	3627.87
225.0	4451.28	4337.16	4232.99	4127.65	3997.15	3881.86	3760.13	3587.49	3434.74
270.0	4535.55	4458.30	4345.94	4244.11	4137.01	4004.75	3887.71	3729.11	3596.27
315.0	4412.07	4318.43	4185.59	4080.83	3973.74	3831.53	3704.53	3565.25	3412.51
360.0	4236.50	4134.09	4028.16	3886.54	3763.06	3593.93	3435.91	3284.34	3092.97

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2940.81	2783.97	2620.70	2417.04	2248.49	2078.19	1912.57	1704.23	1540.96
45.0	3131.60	2979.44	2827.28	2627.13	2466.20	2301.75	2134.37	1922.52	1753.39
90.0	2967.15	2812.65	2610.75	2449.81	2284.78	2072.34	1904.97	1735.84	1572.56
135.0	3181.34	3028.01	2874.10	2675.12	2513.60	2305.26	2139.64	1966.41	1756.90
180.0	3478.64	3328.23	3123.40	2964.81	2768.76	2605.48	2439.86	2279.51	2071.76
225.0	3274.98	3078.34	2927.35	2767.00	2607.82	2400.65	2237.96	2072.93	1907.31
270.0	3448.79	3294.88	3092.39	2932.04	2768.76	2602.55	2395.97	2230.94	2067.66
315.0	3221.72	3066.64	2912.14	2750.03	2546.37	2383.09	2215.14	2005.62	1843.52
360.0	2940.81	2783.97	2620.70	2417.04	2248.49	2078.19	1912.57	1704.23	1540.96

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1136.16	1136.16	1022.80	874.44	696.65	576.80	483.16	388.94	324.57
45.0	1584.85	1378.26	1220.25	1069.26	913.01	730.42	604.60	506.86	409.72
90.0	1167.52	1167.52	1050.30	894.81	717.43	594.41	496.68	418.26	334.46
135.0	1589.53	1426.84	1227.86	1072.19	917.69	773.14	613.96	514.47	430.78
180.0	1906.14	1735.25	1572.56	1365.39	1205.62	1046.44	889.02	711.69	591.14
225.0	1703.65	1537.44	1133.99	1133.99	1013.20	859.99	686.23	570.24	457.70
270.0	1908.48	1702.48	1539.79	1336.71	1175.78	984.99	834.59	695.31	577.09
315.0	1641.61	1354.27	1158.04	1118.83	965.62	814.98	676.11	560.29	449.45
360.0	1136.16	1136.16	1022.80	874.44	696.65	576.80	483.16	388.94	324.57

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	271.78	225.84	179.66	150.40	126.12	106.63	87.26	75.20	64.14
45.0	342.42	299.11	299.11	187.39	156.84	126.94	107.62	91.94	79.30
90.0	279.44	232.86	185.87	156.20	126.06	106.75	91.41	78.83	67.42
135.0	358.22	299.11	299.11	194.29	156.43	132.38	112.42	92.52	80.00
180.0	493.40	394.50	330.13	302.03	302.03	178.61	149.58	120.97	102.94
225.0	382.91	319.53	265.98	218.99	173.34	144.84	121.90	99.55	85.56
270.0	461.80	384.55	318.42	303.79	238.83	167.02	138.70	116.52	94.63
315.0	377.18	315.14	262.47	208.22	173.40	144.55	116.46	98.67	80.94
360.0	271.78	225.84	179.66	150.40	126.12	106.63	87.26	75.20	64.14

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	58.00	53.26	49.69	46.06	43.60	41.02	39.09	37.45	35.99
45.0	67.48	60.75	55.54	51.62	47.52	44.59	42.37	39.85	38.10
90.0	60.86	55.95	52.03	47.87	45.00	42.49	39.85	38.04	36.46
135.0	68.82	62.27	57.00	52.79	49.10	45.24	42.72	40.67	38.68
180.0	88.31	76.90	66.54	60.57	55.95	51.27	47.99	45.06	42.08
225.0	74.56	64.61	58.82	54.25	49.69	46.64	43.95	41.14	39.15
270.0	80.94	70.23	60.45	55.07	50.97	47.29	44.65	42.43	39.97
315.0	70.23	62.21	55.13	51.03	47.93	45.24	42.25	40.20	38.45
360.0	58.00	53.26	49.69	46.06	43.60	41.02	39.09	37.45	35.99

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	34.65	33.07	31.78	30.43	29.14	27.51	26.22	25.11	23.76
45.0	36.23	34.88	33.59	31.89	30.55	29.26	27.80	26.10	24.99
90.0	34.76	33.42	32.13	30.43	29.14	27.80	26.45	24.99	23.99
135.0	36.64	35.23	33.53	32.30	30.96	29.20	27.92	26.51	25.22
180.0	40.09	37.75	36.11	34.76	33.47	31.84	30.55	29.20	27.92
225.0	37.45	35.58	34.29	33.07	31.78	30.14	28.85	27.56	26.28
270.0	38.27	36.75	35.41	33.83	32.66	31.43	30.26	28.73	27.45
315.0	36.81	35.11	33.88	32.71	31.13	29.85	28.62	27.04	25.75
360.0	34.65	33.07	31.78	30.43	29.14	27.51	26.22	25.11	23.76

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	22.71	21.36	20.54	20.13	19.72	19.49	19.31	19.20	19.08
45.0	23.94	22.82	21.36	20.66	20.19	19.78	19.55	19.31	19.25
90.0	22.82	21.36	20.60	20.07	19.61	19.43	19.31	19.14	19.02
135.0	23.88	22.82	21.65	20.83	20.19	19.84	19.55	19.31	19.20
180.0	26.28	25.05	23.99	22.88	21.48	20.72	20.13	19.78	19.61
225.0	24.81	23.76	22.65	21.30	20.60	19.96	19.66	19.49	19.31
270.0	25.93	24.81	23.88	22.47	21.36	20.72	20.25	19.90	19.66
315.0	24.40	23.35	22.30	21.24	20.48	20.01	19.72	19.49	19.31
360.0	22.71	21.36	20.54	20.13	19.72	19.49	19.31	19.20	19.08

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	18.96	18.84	18.73	18.67	18.49	18.32	18.02	17.32	16.85
45.0	19.14	19.02	18.90	18.79	18.73	18.61	18.38	18.14	17.44
90.0	18.96	18.96	18.79	18.73	18.61	18.38	18.20	17.38	16.97
135.0	19.08	18.96	18.84	18.73	18.61	18.49	18.38	18.02	17.38
180.0	19.31	19.25	19.14	19.02	18.90	18.84	18.79	18.67	18.43
225.0	19.14	19.02	18.96	18.84	18.67	18.55	18.43	18.32	17.97
270.0	19.49	19.37	19.25	19.14	19.02	18.96	18.90	18.73	18.49
315.0	19.14	19.08	18.96	18.84	18.73	18.61	18.43	18.26	17.73
360.0	18.96	18.84	18.73	18.67	18.49	18.32	18.02	17.32	16.85

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	15.80	14.75	13.75	12.82	12.29	12.00	11.82	11.65	11.65
45.0	17.03	15.98	14.46	13.58	12.70	12.23	11.94	11.70	11.59
90.0	16.09	14.69	13.69	12.99	12.41	12.06	11.88	11.70	11.70
135.0	16.91	16.04	14.81	13.81	13.05	12.41	12.06	11.76	11.59
180.0	18.20	17.32	16.85	15.68	14.46	13.40	12.70	12.17	12.00
225.0	17.21	16.74	15.74	14.63	13.58	12.76	12.35	12.06	11.82
270.0	18.20	17.50	16.80	15.74	14.46	13.46	12.58	12.17	11.88
315.0	17.09	16.56	15.68	14.28	13.40	12.58	12.11	11.88	11.70
360.0	15.80	14.75	13.75	12.82	12.29	12.00	11.82	11.65	11.65

Intensity data(cd)

C/γ(°)	90.0
0.0	11.65
45.0	11.65
90.0	11.65
135.0	11.65
180.0	11.70
225.0	11.65
270.0	11.76
315.0	11.59
360.0	11.65