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NT

Client:
LumCAT: 2-2565-L
Luminaire: 92.70.412.00
Report No: 2024813-B007
Ballast type: AC

Test No: 2024813-C007	Voltage(V): 35.050
LampCAT: TRIDONIC SLE G7 15MM	Current(A): 0.702
Lamp flux(lm): 4107.0	Power (W): 24.605
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 3767.32, Efficiency(%): 91.73% , Luminous Efficacy(lm/W): 153.11
Central intensity(cd): 11186.200, Maximum intensity(cd): 11186.200
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=26.6
[C90/270]Total=26.6
Field angle(10%Imax): [C0/180]Total=62.4
[C90/270]Total=62.4
Maximum s/h(1/2): C0_180=0.44 C90_270=0.44
Maximum s/h(1/4): C0_180=0.50 C90_270=0.50
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 91.73%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.960%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	11186.195	0.000	0	0.00%	0.00%
1.0	11129.502	10.678	10.678	0.26%	0.28%
2.0	10957.226	31.701	42.379	0.77%	1.12%
3.0	10693.948	51.782	94.161	1.26%	2.50%
4.0	10350.202	70.441	164.603	1.72%	4.37%
5.0	9942.739	87.299	251.902	2.13%	6.69%
6.0	9475.656	102.049	353.951	2.48%	9.40%
7.0	8953.343	114.388	468.339	2.79%	12.43%
8.0	8429.127	124.403	592.742	3.03%	15.73%
9.0	7826.858	131.746	724.488	3.21%	19.23%
10.0	7270.601	136.626	861.115	3.33%	22.86%
11.0	6706.225	139.657	1000.772	3.40%	26.56%
12.0	6209.808	141.191	1141.962	3.44%	30.31%
13.0	5731.679	141.715	1283.678	3.45%	34.07%
14.0	5286.469	141.031	1424.709	3.43%	37.82%
15.0	4868.399	139.411	1564.12	3.39%	41.52%
16.0	4449.451	136.533	1700.652	3.32%	45.14%
17.0	4092.683	133.024	1833.676	3.24%	48.67%
18.0	3761.226	129.494	1963.17	3.15%	52.11%
19.0	3463.274	125.692	2088.862	3.06%	55.45%
20.0	3190.266	121.778	2210.64	2.97%	58.68%
21.0	2936.937	117.655	2328.295	2.86%	61.80%
22.0	2721.501	113.709	2442.003	2.77%	64.82%
23.0	2509.869	109.768	2551.772	2.67%	67.73%
24.0	2327.498	105.762	2657.534	2.58%	70.54%
25.0	2144.762	101.689	2759.223	2.48%	73.24%
26.0	1976.071	97.273	2856.496	2.37%	75.82%
27.0	1807.599	92.568	2949.064	2.25%	78.28%
28.0	1563.012	85.337	3034.401	2.08%	80.55%
29.0	1424.818	78.170	3112.571	1.90%	82.62%
30.0	1277.180	72.953	3185.525	1.78%	84.56%
31.0	1146.002	67.434	3252.958	1.64%	86.35%
32.0	991.839	61.247	3314.205	1.49%	87.97%
33.0	838.357	53.918	3368.123	1.31%	89.40%
34.0	707.003	46.767	3414.89	1.14%	90.64%
35.0	581.860	40.027	3454.918	0.97%	91.71%
36.0	483.586	33.924	3488.842	0.83%	92.61%
37.0	384.763	28.321	3517.162	0.69%	93.36%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	307.682	23.113	3540.275	0.56%	93.97%
39.0	257.806	19.302	3559.577	0.47%	94.49%
40.0	225.377	16.852	3576.429	0.41%	94.93%
41.0	167.689	13.997	3590.426	0.34%	95.30%
42.0	125.619	10.656	3601.082	0.26%	95.59%
43.0	106.694	8.606	3609.688	0.21%	95.82%
44.0	91.185	7.469	3617.156	0.18%	96.01%
45.0	80.505	6.598	3623.754	0.16%	96.19%
46.0	71.632	5.950	3629.704	0.14%	96.35%
47.0	65.077	5.437	3635.141	0.13%	96.49%
48.0	60.022	5.057	3640.198	0.12%	96.63%
49.0	55.962	4.763	3644.961	0.12%	96.75%
50.0	52.568	4.525	3649.486	0.11%	96.87%
51.0	50.051	4.342	3653.828	0.11%	96.99%
52.0	48.164	4.214	3658.043	0.10%	97.10%
53.0	46.833	4.132	3662.175	0.10%	97.21%
54.0	45.779	4.082	3666.257	0.10%	97.32%
55.0	44.996	4.052	3670.309	0.10%	97.42%
56.0	44.492	4.044	3674.353	0.10%	97.53%
57.0	44.002	4.046	3678.399	0.10%	97.64%
58.0	43.416	4.043	3682.441	0.10%	97.75%
59.0	42.751	4.028	3686.47	0.10%	97.85%
60.0	41.792	3.994	3690.464	0.10%	97.96%
61.0	40.461	3.925	3694.389	0.10%	98.06%
62.0	38.888	3.824	3698.213	0.09%	98.17%
63.0	37.111	3.696	3701.909	0.09%	98.26%
64.0	35.296	3.553	3705.462	0.09%	98.36%
65.0	33.475	3.403	3708.865	0.08%	98.45%
66.0	31.653	3.249	3712.115	0.08%	98.53%
67.0	29.993	3.100	3715.214	0.08%	98.62%
68.0	28.508	2.963	3718.178	0.07%	98.70%
69.0	27.228	2.843	3721.021	0.07%	98.77%
70.0	26.211	2.744	3723.766	0.07%	98.84%
71.0	25.326	2.664	3726.429	0.06%	98.91%
72.0	24.601	2.596	3729.025	0.06%	98.98%
73.0	23.943	2.539	3731.564	0.06%	99.05%
74.0	23.314	2.484	3734.048	0.06%	99.12%
75.0	22.699	2.431	3736.48	0.06%	99.18%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	22.173	2.382	3738.862	0.06%	99.24%
77.0	21.587	2.333	3741.195	0.06%	99.31%
78.0	21.075	2.284	3743.478	0.06%	99.37%
79.0	20.519	2.235	3745.713	0.05%	99.43%
80.0	20.029	2.186	3747.899	0.05%	99.48%
81.0	19.532	2.139	3750.039	0.05%	99.54%
82.0	19.020	2.091	3752.129	0.05%	99.60%
83.0	18.574	2.044	3754.173	0.05%	99.65%
84.0	18.157	2.001	3756.174	0.05%	99.70%
85.0	17.732	1.959	3758.133	0.05%	99.76%
86.0	17.323	1.916	3760.049	0.05%	99.81%
87.0	16.935	1.875	3761.924	0.05%	99.86%
88.0	16.569	1.835	3763.759	0.04%	99.91%
89.0	16.211	1.797	3765.556	0.04%	99.95%
90.0	16.035	1.768	3767.324	0.04%	100.00%

Zonal flux distribution table

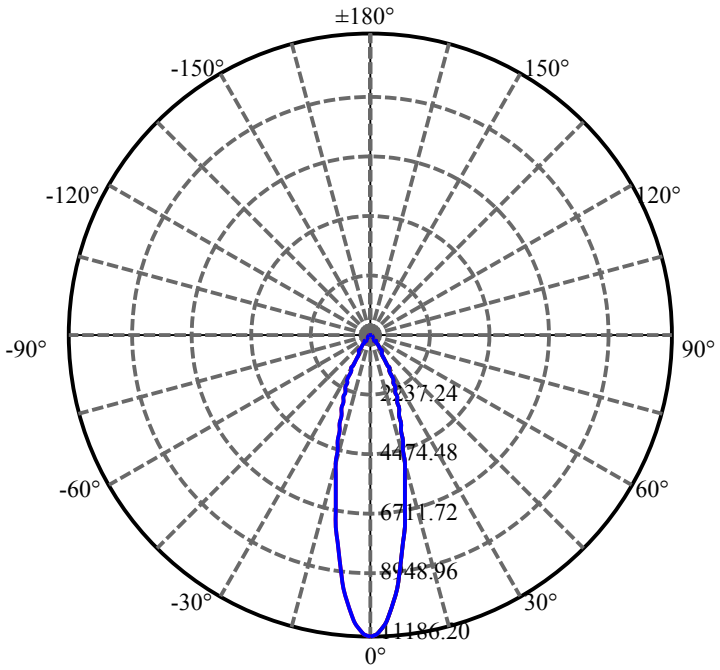
ZONAL LUMEN SUMMARY

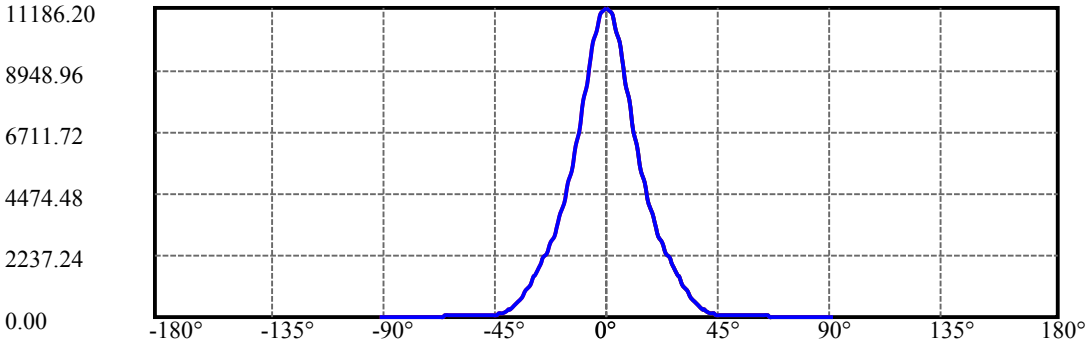
Zone	Lumens	%Lamp	%Fixt
0-30	3185.52	77.56%	84.56%
0-40	3576.43	87.08%	94.93%
0-60	3690.46	89.86%	97.96%
0-90	3765.56	91.69%	99.95%
0-120	3765.56	91.69%	99.95%
0-180	3767.32	91.73%	100.00%
60-90	75.09	1.83%	1.99%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.76	3013.86	73.38%	80.00%

ZONAL LUMEN SUMMARY

0-10	861.11
10-20	1349.53
20-30	974.88
30-40	390.90
40-50	73.06
50-60	40.98
60-70	33.30
70-80	24.13
80-90	17.66
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):

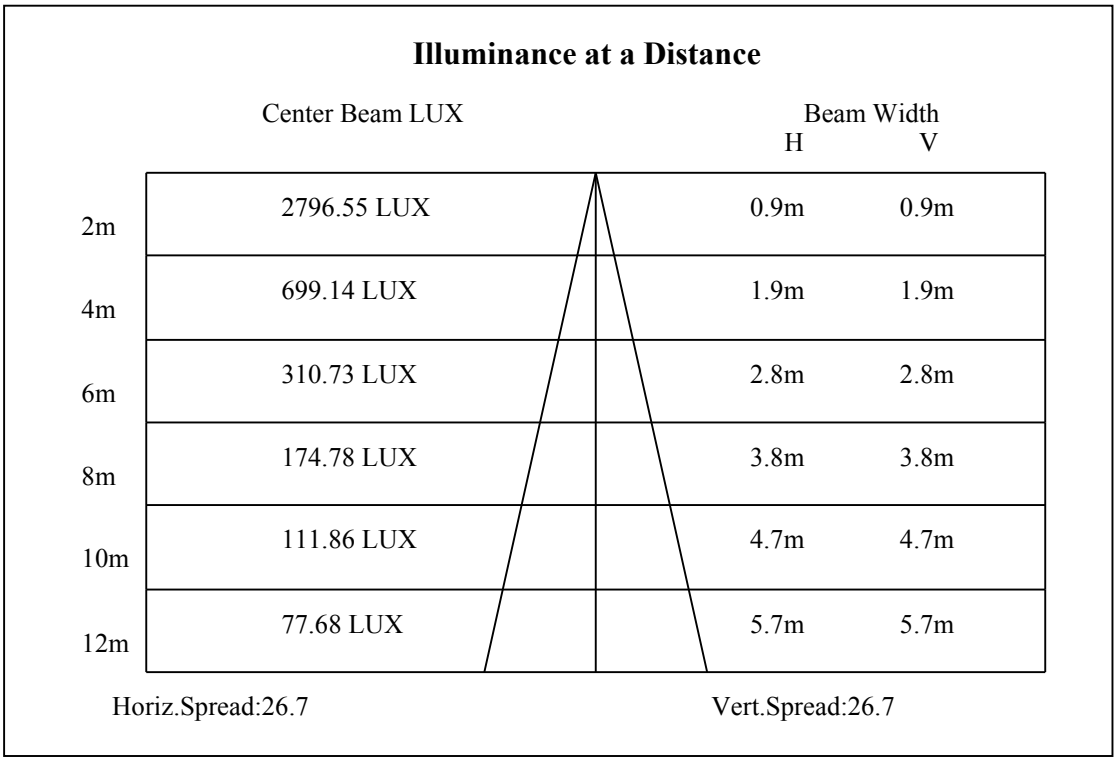
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:31.2 Right:31.2
:C90/270Left:31.2 Right:31.2

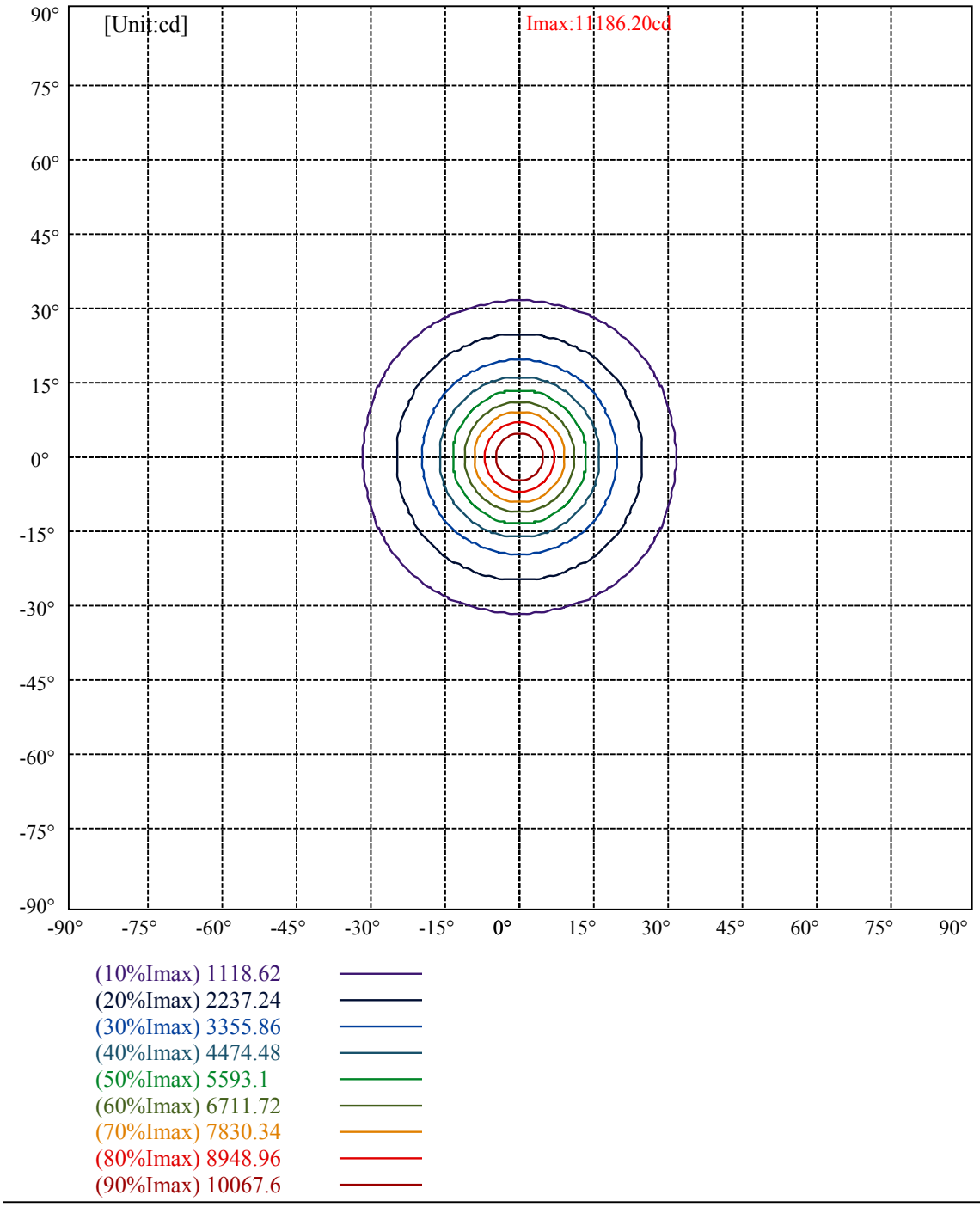
Beam Angle(50%Imax):C0/180Left:13.3 Right:13.3
:C90/270Left:13.3 Right:13.3

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)

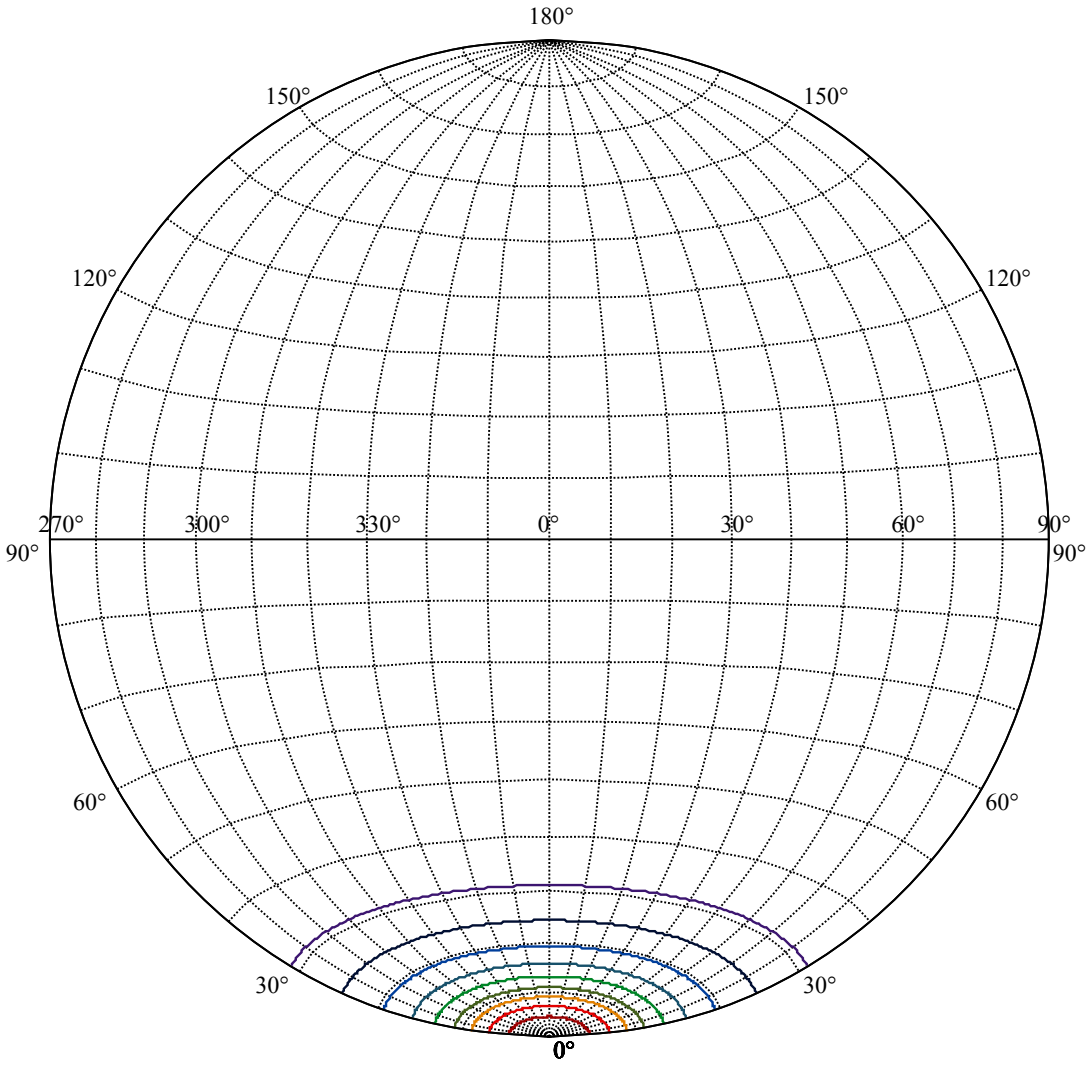


Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



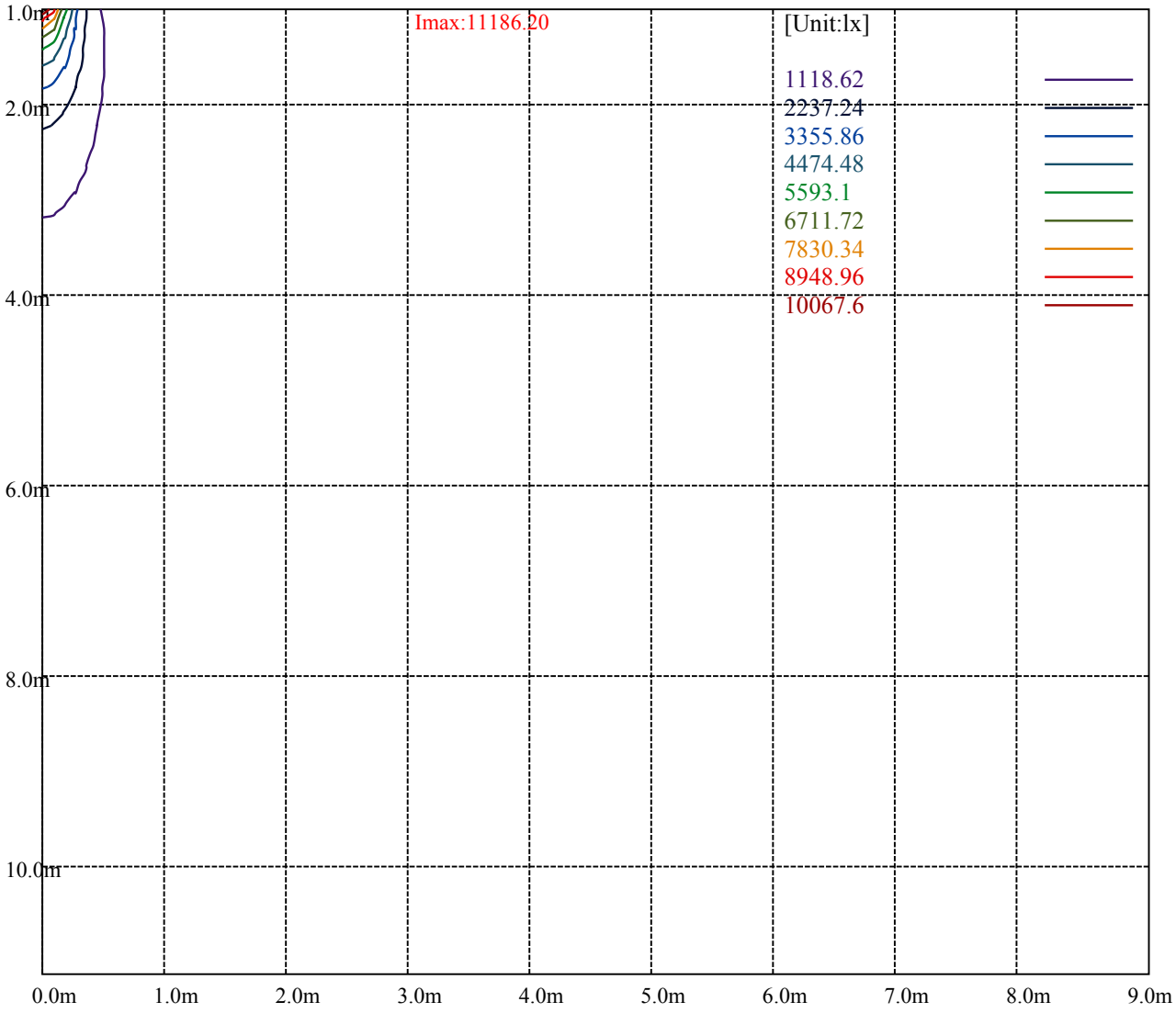
[Unit:cd]

Imax:11186.20

(10%Imax) 1118.62
(20%Imax) 2237.24
(30%Imax) 3355.86
(40%Imax) 4474.48
(50%Imax) 5593.1
(60%Imax) 6711.72
(70%Imax) 7830.34
(80%Imax) 8948.96
(90%Imax) 10067.6

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

NT 2-2565-L

Luminance Limitting Curve(no luminous side)

Luminance Table

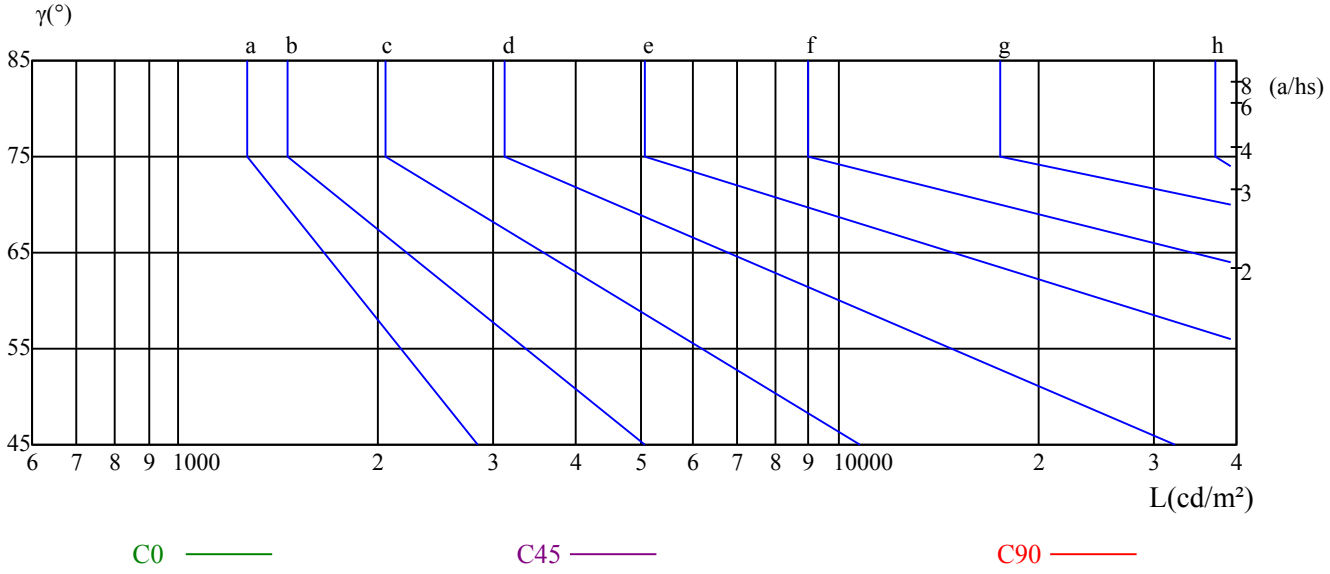
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

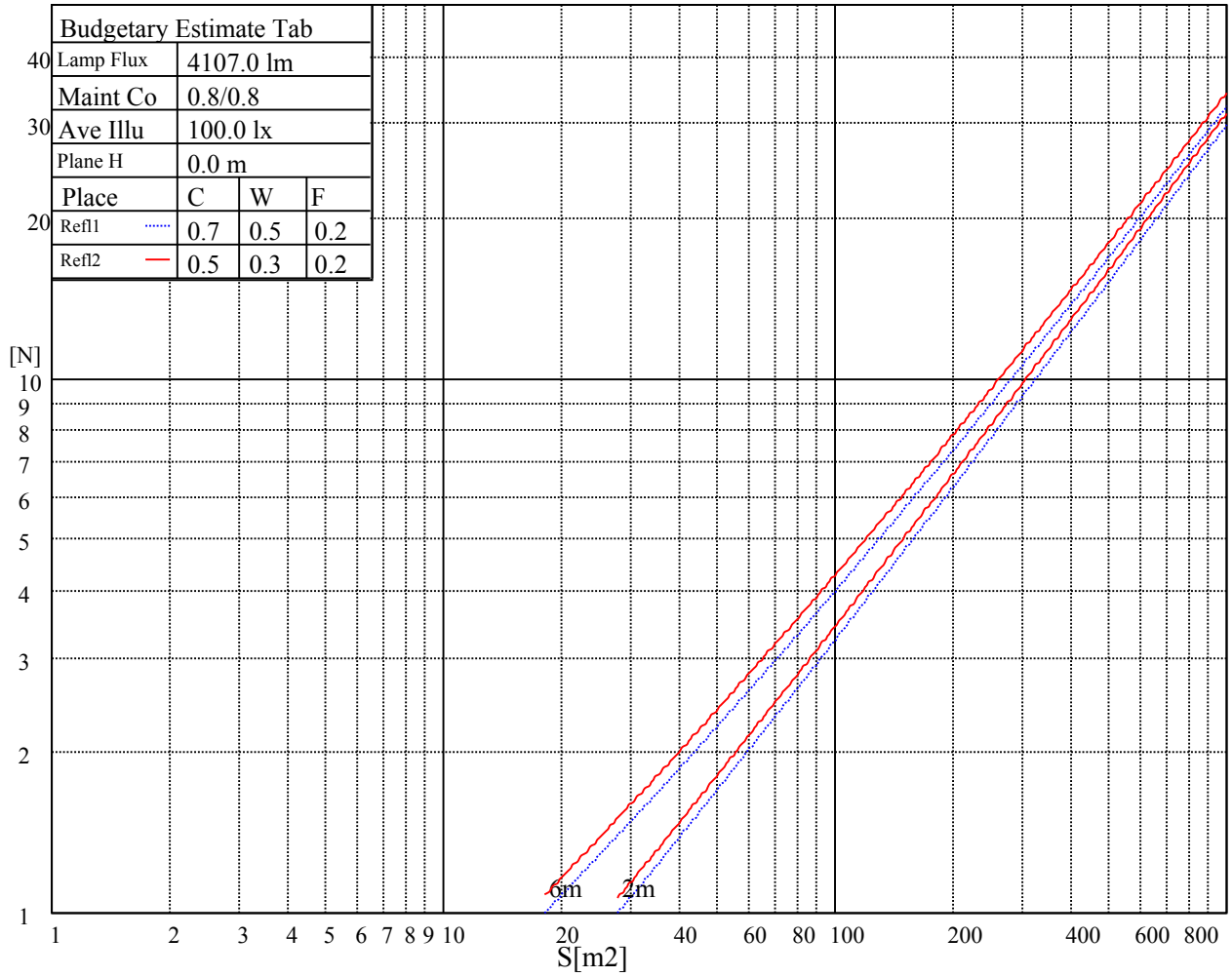


Equipment: GMS1980 Date: 2024/8/13 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

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 X Y	Viewed crosswise					Viewed endwise				
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
2H 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
2H 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
2H 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
2H 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
2H 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
4H 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 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
4H 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
4H 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
4H 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
8H 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 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
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	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
12H 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
12H 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

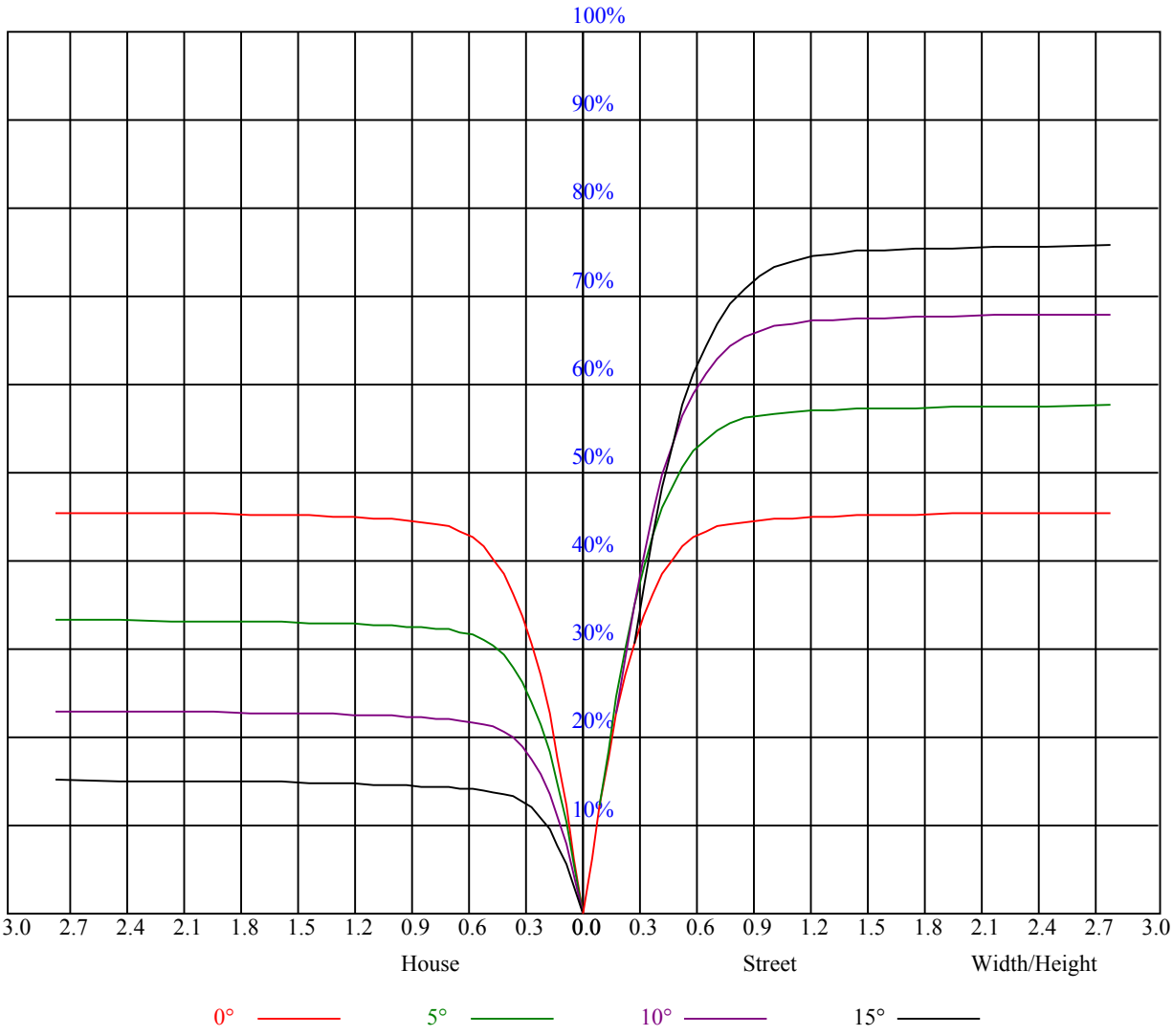


Equipment: GMS1980 Date: 2024/8/13 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

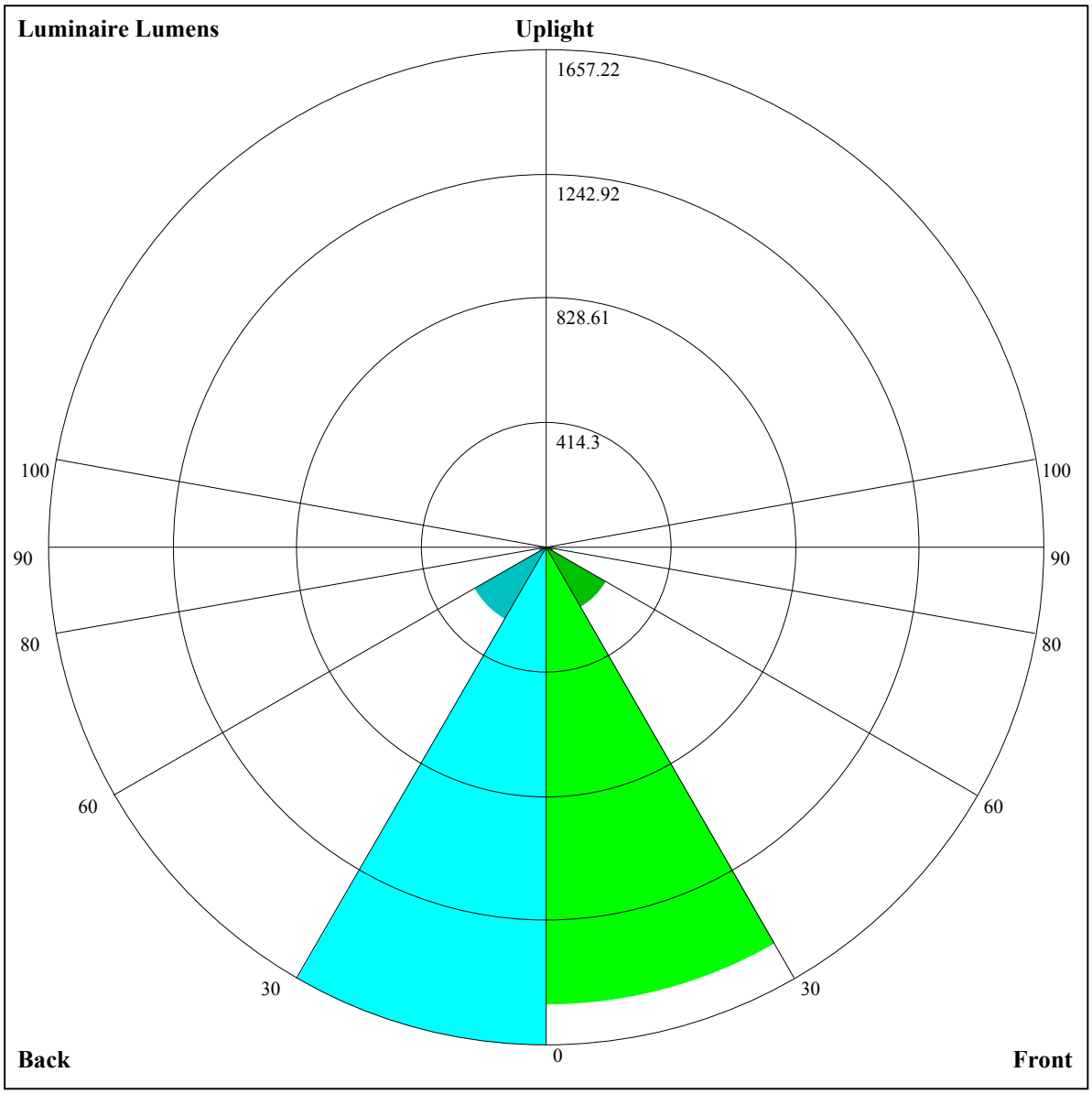
Utilization factor table for indoor luminaire

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	1.09	1.09	1.09	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.02	1.00	0.98	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87
2	0.96	0.93	0.90	0.95	0.91	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.86	0.85	0.83	0.82
3	0.91	0.87	0.83	0.90	0.86	0.83	0.87	0.84	0.82	0.85	0.82	0.80	0.83	0.81	0.79	0.78
4	0.86	0.82	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.81	0.78	0.76	0.80	0.77	0.75	0.74
5	0.82	0.77	0.74	0.81	0.77	0.73	0.79	0.76	0.73	0.78	0.75	0.72	0.77	0.74	0.72	0.70
6	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.68	0.67
7	0.75	0.70	0.67	0.74	0.70	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.64
8	0.71	0.67	0.64	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.62
9	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.67	0.63	0.60	0.66	0.63	0.60	0.59
10	0.66	0.61	0.58	0.65	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.60	0.58	0.57

Coefficient Utilization Curve



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



Luminaire Lumens:
FL=1524.3,FM=233.69,FH=28.33,FVH=9.61
BL=1657.22,BM=275.23,BH=29.05,BVH=9.77
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	11154.45	10922.11	10609.02	10276.61	9762.20	9258.32	8771.41	8258.17	7740.83
45.0	11208.29	11167.32	11005.80	10682.76	10383.71	9970.54	9502.36	9022.47	8403.89
90.0	11201.85	11037.40	10809.75	10542.89	10161.32	9755.17	9157.66	8675.43	8148.15
135.0	11180.20	11234.04	11189.56	11008.73	10769.37	10388.97	10030.82	9478.36	9004.33
180.0	11154.45	11218.24	11200.68	11039.74	10780.49	10401.85	10060.08	9626.42	9160.59
225.0	11208.29	11203.61	11011.07	10680.41	10374.93	9989.26	9538.06	8931.18	8407.99
270.0	11201.85	11223.50	11157.96	10984.73	10622.48	10297.09	9910.26	9319.77	8795.99
315.0	11180.20	11029.79	10673.98	10335.72	9947.13	9480.70	8834.62	8314.94	7771.26
360.0	11154.45	10922.11	10609.02	10276.61	9762.20	9258.32	8771.41	8258.17	7740.83

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7068.41	6540.53	6085.23	5540.97	5127.80	4749.74	4303.80	3981.34	3682.29
45.0	7853.19	7322.39	6699.71	6245.58	5792.62	5266.50	4862.69	4491.66	4055.08
90.0	7464.02	6985.30	6354.43	5900.88	5449.67	4932.33	4554.28	4196.12	3885.37
135.0	8501.04	7935.12	7263.87	6787.50	6316.98	5854.65	5447.92	4921.80	4552.52
180.0	8516.25	7984.28	7434.17	6913.32	6328.10	5892.69	5479.52	4981.49	4628.02
225.0	7860.22	7296.64	6678.65	6225.10	5765.70	5347.84	4842.21	4484.64	4048.06
270.0	8125.32	7568.19	7026.27	6417.64	5955.31	5504.10	5080.40	4581.79	4225.38
315.0	7226.42	6532.34	6107.47	5647.48	5117.27	4743.89	4376.37	3956.76	3664.74
360.0	7068.41	6540.53	6085.23	5540.97	5127.80	4749.74	4303.80	3981.34	3682.29

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3351.06	3098.24	2871.17	2618.94	2429.33	2266.05	2101.60	1909.65	1753.39
45.0	3741.99	3474.54	3206.51	2917.41	2705.55	2518.87	2338.62	2116.23	1957.05
90.0	3527.79	3255.67	3019.23	2802.12	2601.97	2371.39	2205.77	2003.87	1853.47
135.0	4209.58	3831.53	3557.64	3238.11	3006.94	2798.60	2569.20	2386.02	2215.14
180.0	4299.12	3899.41	3609.73	3341.11	3043.81	2830.21	2631.23	2453.32	2241.47
225.0	3744.91	3478.05	3159.69	2932.04	2725.45	2499.55	2322.23	2161.88	2009.72
270.0	3902.92	3600.95	3257.42	3007.53	2803.87	2546.37	2367.88	2201.09	2006.80
315.0	3312.43	3067.81	2840.74	2638.25	2455.08	2247.91	2083.46	1926.03	1771.53
360.0	3351.06	3098.24	2871.17	2618.94	2429.33	2266.05	2101.60	1909.65	1753.39

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1591.29	1165.48	1165.48	1090.45	947.07	777.53	657.56	525.65	432.31
45.0	1790.26	1590.70	1439.13	1253.03	1106.13	962.17	796.55	678.92	573.58
90.0	1695.46	1498.23	1159.92	1159.92	1016.65	871.87	746.28	630.70	500.13
135.0	2046.01	1841.18	1679.65	1523.40	1363.63	1173.43	1019.52	876.14	715.20
180.0	2078.19	1914.33	1755.15	1556.76	1395.23	1237.81	1046.44	900.72	738.61
225.0	1814.84	1666.78	1513.45	1167.58	1167.58	1024.03	879.42	718.31	603.84
270.0	1858.73	1669.12	1527.50	1380.60	1231.96	1083.90	904.23	771.97	653.17
315.0	1586.02	1158.28	1158.28	1085.71	939.75	803.98	656.86	553.62	438.04
360.0	1591.29	1165.48	1165.48	1090.45	947.07	777.53	657.56	525.65	432.31

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	352.25	286.00	219.93	179.14	148.65	124.89	103.53	90.83	81.00
45.0	477.60	372.85	302.62	302.62	231.69	151.57	127.34	109.03	92.41
90.0	408.55	331.06	266.51	202.72	165.97	138.23	113.24	98.61	85.15
135.0	598.74	469.41	380.45	304.96	304.96	182.24	148.82	123.66	104.99
180.0	624.49	514.47	398.60	322.52	305.55	305.55	153.21	126.47	105.98
225.0	499.78	386.42	311.52	249.54	188.15	152.28	125.36	105.57	88.19
270.0	549.00	427.27	346.51	310.81	310.81	164.39	129.10	108.85	94.16
315.0	358.27	290.62	235.32	190.14	147.24	122.37	104.35	90.53	77.60
360.0	352.25	286.00	219.93	179.14	148.65	124.89	103.53	90.83	81.00

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	73.33	65.72	60.98	56.59	53.84	51.68	49.57	48.40	47.46
45.0	82.40	74.50	66.66	61.74	57.76	53.78	51.32	49.45	48.05
90.0	76.78	70.23	63.44	59.34	56.18	53.43	51.21	49.16	48.11
135.0	88.25	78.19	70.46	64.14	58.00	54.25	50.33	48.11	46.53
180.0	91.82	78.89	70.99	64.90	59.87	55.13	52.14	49.16	47.40
225.0	78.01	69.99	63.61	57.76	53.96	50.33	47.99	46.41	44.89
270.0	83.39	72.92	66.60	61.39	57.29	53.31	50.80	48.92	47.34
315.0	70.05	62.62	57.88	54.31	50.80	48.63	47.05	45.71	44.89
360.0	73.33	65.72	60.98	56.59	53.84	51.68	49.57	48.40	47.46

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	46.64	46.00	45.59	45.18	44.59	43.42	42.25	40.85	38.57
45.0	46.70	45.82	45.24	44.65	43.83	43.19	41.96	40.50	38.98
90.0	47.05	46.23	45.59	44.89	43.95	43.13	41.73	39.91	38.27
135.0	44.89	43.95	43.25	42.72	42.31	41.84	41.49	40.44	39.21
180.0	46.17	44.89	44.36	43.95	43.60	43.13	42.72	42.02	41.02
225.0	44.13	43.48	43.07	42.78	42.31	41.84	41.14	39.62	38.27
270.0	46.41	45.71	45.35	44.83	44.18	43.66	42.78	41.49	39.68
315.0	44.24	43.89	43.48	43.01	42.55	41.79	40.26	38.86	37.10
360.0	46.64	46.00	45.59	45.18	44.59	43.42	42.25	40.85	38.57

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	36.87	35.23	33.01	31.49	29.67	28.38	27.45	26.63	25.69
45.0	36.81	35.11	33.30	31.54	29.67	28.27	26.98	25.98	25.05
90.0	36.52	34.18	32.36	30.67	29.20	27.51	26.45	25.63	24.93
135.0	37.86	36.34	34.76	32.83	31.19	29.38	27.97	26.74	25.57
180.0	39.39	37.86	36.34	34.35	32.71	31.25	29.55	28.27	27.15
225.0	36.58	34.47	32.77	31.02	29.26	27.80	26.39	25.57	24.81
270.0	37.86	35.99	34.29	31.84	30.20	28.79	27.45	26.10	25.34
315.0	35.00	33.18	30.96	29.50	28.03	26.69	25.57	24.76	24.05
360.0	36.87	35.23	33.01	31.49	29.67	28.38	27.45	26.63	25.69

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	25.11	24.52	23.94	23.23	22.71	22.18	21.71	21.07	20.60
45.0	24.35	23.64	22.88	22.41	21.89	21.19	20.72	20.13	19.66
90.0	24.11	23.53	22.94	22.24	21.71	21.07	20.54	20.07	19.43
135.0	24.87	24.29	23.47	22.94	22.41	21.89	21.30	20.83	20.31
180.0	26.34	25.63	25.05	24.35	23.70	23.17	22.65	21.95	21.54
225.0	24.17	23.47	22.88	22.30	21.83	21.19	20.66	20.19	19.72
270.0	24.40	23.76	23.17	22.47	22.00	21.48	20.95	20.37	19.90
315.0	23.47	22.71	22.18	21.65	21.13	20.54	20.07	19.55	19.08
360.0	25.11	24.52	23.94	23.23	22.71	22.18	21.71	21.07	20.60

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	19.90	19.55	19.14	18.79	18.32	17.79	17.21	16.68	15.98
45.0	19.20	18.73	18.26	17.91	17.56	17.15	16.80	16.50	16.15
90.0	18.96	18.49	18.08	17.62	17.26	16.97	16.56	16.21	15.92
135.0	19.90	19.25	18.67	18.32	17.91	17.44	17.09	16.74	16.39
180.0	21.01	20.37	19.90	19.37	18.84	18.38	17.97	17.56	17.26
225.0	19.20	18.67	18.26	17.85	17.44	17.03	16.68	16.33	16.04
270.0	19.43	18.84	18.43	17.91	17.44	17.03	16.74	16.39	16.09
315.0	18.67	18.26	17.85	17.50	17.09	16.80	16.44	16.15	15.86
360.0	19.90	19.55	19.14	18.79	18.32	17.79	17.21	16.68	15.98

Intensity data(cd)

C/γ(°)	90.0
0.0	15.98
45.0	15.92
90.0	15.86
135.0	16.04
180.0	16.85
225.0	15.86
270.0	15.92
315.0	15.86
360.0	15.98