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NT

Client:
LumCAT: 2-2680-L
Luminaire: 92.70.412.00
Report No: 2024322-B006
Ballast type: AC

Test No: 2024322-C006	Voltage(V): 34.710
LampCAT: Fortimo_SLM_C_1208	Current(A): 0.577
Lamp flux(lm): 3486.0	Power (W): 20.027
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2878.88, Efficiency(%): 82.58% , Luminous Efficacy(lm/W): 143.75
Central intensity(cd): 6426.415, Maximum intensity(cd): 6426.415
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=37.0
[C90/270]Total=37.0
Field angle(10%Imax): [C0/180]Total=64.8
[C90/270]Total=64.8
Maximum s/h(1/2): C0_180=0.61 C90_270=0.61
Maximum s/h(1/4): C0_180=0.60 C90_270=0.60
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 82.58%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.994%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6426.414	0.000	0	0.00%	0.00%
1.0	6414.271	6.144	6.144	0.18%	0.21%
2.0	6378.426	18.361	24.505	0.53%	0.85%
3.0	6323.341	30.378	54.884	0.87%	1.91%
4.0	6247.482	42.079	96.962	1.21%	3.37%
5.0	6148.286	53.326	150.288	1.53%	5.22%
6.0	6031.387	64.007	214.296	1.84%	7.44%
7.0	5893.055	74.015	288.311	2.12%	10.01%
8.0	5731.898	83.198	371.508	2.39%	12.90%
9.0	5540.384	91.356	462.864	2.62%	16.08%
10.0	5344.041	98.500	561.364	2.83%	19.50%
11.0	5134.384	104.701	666.065	3.00%	23.14%
12.0	4895.392	109.640	775.705	3.15%	26.94%
13.0	4658.962	113.386	889.091	3.25%	30.88%
14.0	4415.289	116.150	1005.24	3.33%	34.92%
15.0	4158.521	117.705	1122.946	3.38%	39.01%
16.0	3893.999	117.992	1240.937	3.38%	43.10%
17.0	3630.794	117.181	1358.119	3.36%	47.18%
18.0	3355.080	115.182	1473.301	3.30%	51.18%
19.0	3085.365	112.051	1585.351	3.21%	55.07%
20.0	2812.869	107.954	1693.305	3.10%	58.82%
21.0	2547.250	102.925	1796.23	2.95%	62.39%
22.0	2296.408	97.335	1893.566	2.79%	65.77%
23.0	2076.729	91.760	1985.326	2.63%	68.96%
24.0	1879.216	86.491	2071.817	2.48%	71.97%
25.0	1700.137	81.387	2153.204	2.33%	74.79%
26.0	1511.292	75.806	2229.01	2.17%	77.43%
27.0	1328.592	69.478	2298.488	1.99%	79.84%
28.0	1186.792	63.684	2362.173	1.83%	82.05%
29.0	1065.731	58.932	2421.105	1.69%	84.10%
30.0	926.557	53.791	2474.896	1.54%	85.97%
31.0	800.866	48.072	2522.968	1.38%	87.64%
32.0	679.863	42.421	2565.389	1.22%	89.11%
33.0	574.918	36.966	2602.356	1.06%	90.39%
34.0	480.433	31.938	2634.294	0.92%	91.50%
35.0	381.296	26.762	2661.056	0.77%	92.43%
36.0	307.909	21.944	2683	0.63%	93.20%
37.0	261.281	18.564	2701.564	0.53%	93.84%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	186.870	14.959	2716.523	0.43%	94.36%
39.0	141.895	11.222	2727.744	0.32%	94.75%
40.0	106.950	8.679	2736.423	0.25%	95.05%
41.0	94.711	7.181	2743.604	0.21%	95.30%
42.0	85.611	6.551	2750.156	0.19%	95.53%
43.0	78.822	6.091	2756.247	0.17%	95.74%
44.0	72.795	5.722	2761.969	0.16%	95.94%
45.0	66.855	5.367	2767.336	0.15%	96.13%
46.0	61.895	5.035	2772.371	0.14%	96.30%
47.0	57.593	4.752	2777.123	0.14%	96.47%
48.0	53.416	4.488	2781.611	0.13%	96.62%
49.0	49.759	4.237	2785.848	0.12%	96.77%
50.0	46.335	4.006	2789.855	0.11%	96.91%
51.0	43.255	3.790	2793.645	0.11%	97.04%
52.0	40.534	3.595	2797.24	0.10%	97.16%
53.0	38.091	3.420	2800.661	0.10%	97.28%
54.0	36.072	3.269	2803.929	0.09%	97.40%
55.0	34.089	3.132	2807.061	0.09%	97.51%
56.0	32.509	3.009	2810.071	0.09%	97.61%
57.0	31.002	2.904	2812.975	0.08%	97.71%
58.0	29.664	2.805	2815.78	0.08%	97.81%
59.0	28.464	2.717	2818.497	0.08%	97.90%
60.0	27.469	2.642	2821.14	0.08%	97.99%
61.0	26.540	2.577	2823.717	0.07%	98.08%
62.0	25.677	2.516	2826.233	0.07%	98.17%
63.0	24.916	2.461	2828.694	0.07%	98.26%
64.0	24.206	2.410	2831.104	0.07%	98.34%
65.0	23.585	2.365	2833.47	0.07%	98.42%
66.0	22.970	2.323	2835.792	0.07%	98.50%
67.0	22.465	2.285	2838.077	0.07%	98.58%
68.0	21.968	2.251	2840.328	0.06%	98.66%
69.0	21.566	2.221	2842.549	0.06%	98.74%
70.0	21.185	2.196	2844.744	0.06%	98.81%
71.0	20.790	2.170	2846.914	0.06%	98.89%
72.0	20.212	2.132	2849.046	0.06%	98.96%
73.0	19.664	2.085	2851.131	0.06%	99.04%
74.0	19.093	2.038	2853.169	0.06%	99.11%
75.0	18.508	1.987	2855.155	0.06%	99.18%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	17.886	1.932	2857.087	0.06%	99.24%
77.0	17.286	1.875	2858.962	0.05%	99.31%
78.0	16.694	1.819	2860.781	0.05%	99.37%
79.0	16.138	1.764	2862.545	0.05%	99.43%
80.0	15.560	1.709	2864.254	0.05%	99.49%
81.0	14.989	1.652	2865.906	0.05%	99.55%
82.0	14.492	1.599	2867.505	0.05%	99.60%
83.0	14.016	1.550	2869.055	0.04%	99.66%
84.0	13.658	1.508	2870.562	0.04%	99.71%
85.0	13.285	1.470	2872.033	0.04%	99.76%
86.0	12.868	1.430	2873.462	0.04%	99.81%
87.0	12.560	1.392	2874.854	0.04%	99.86%
88.0	12.290	1.361	2876.215	0.04%	99.91%
89.0	12.129	1.338	2877.554	0.04%	99.95%
90.0	12.063	1.326	2878.88	0.04%	100.00%

Zonal flux distribution table

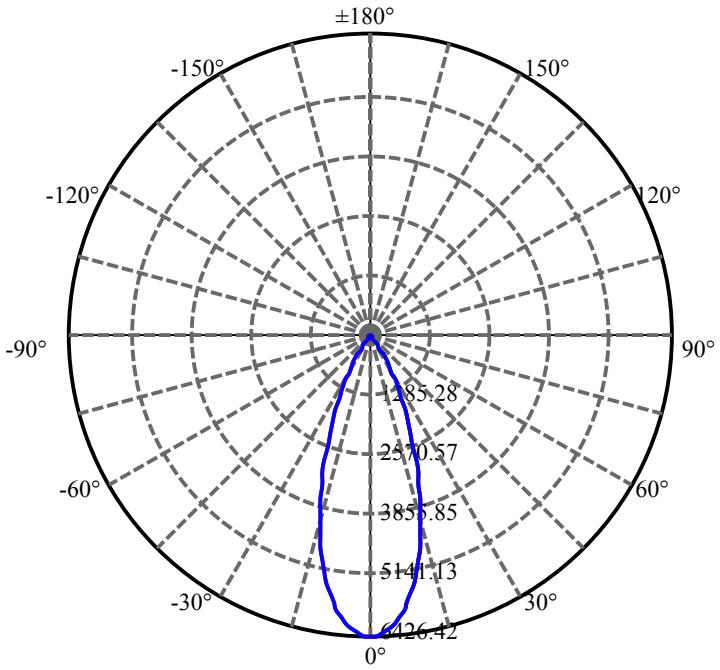
ZONAL LUMEN SUMMARY

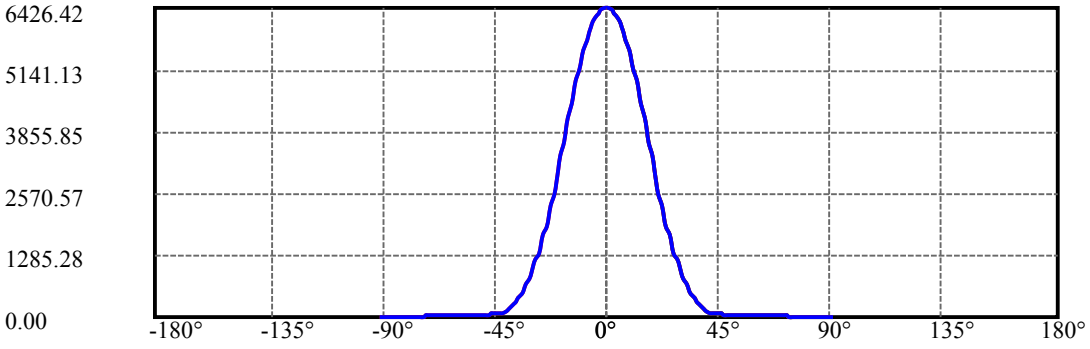
Zone	Lumens	%Lamp	%Fixt
0-30	2474.90	71.00%	85.97%
0-40	2736.42	78.50%	95.05%
0-60	2821.14	80.93%	97.99%
0-90	2877.55	82.55%	99.95%
0-120	2877.55	82.55%	99.95%
0-180	2878.88	82.58%	100.00%
60-90	56.41	1.62%	1.96%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.07	2303.10	66.07%	80.00%

ZONAL LUMEN SUMMARY

0-10	561.36
10-20	1131.94
20-30	781.59
30-40	261.53
40-50	53.43
50-60	31.29
60-70	23.60
70-80	19.51
80-90	13.30
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):

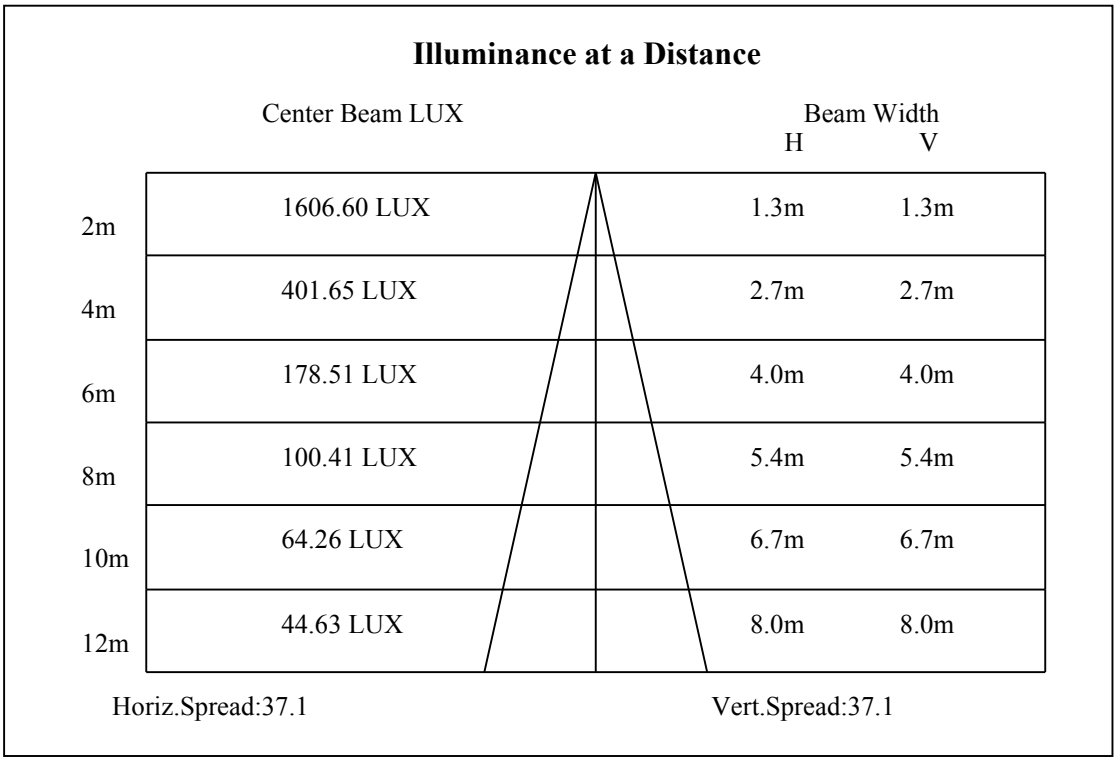
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:32.4 Right:32.4
:C90/270Left:32.4 Right:32.4

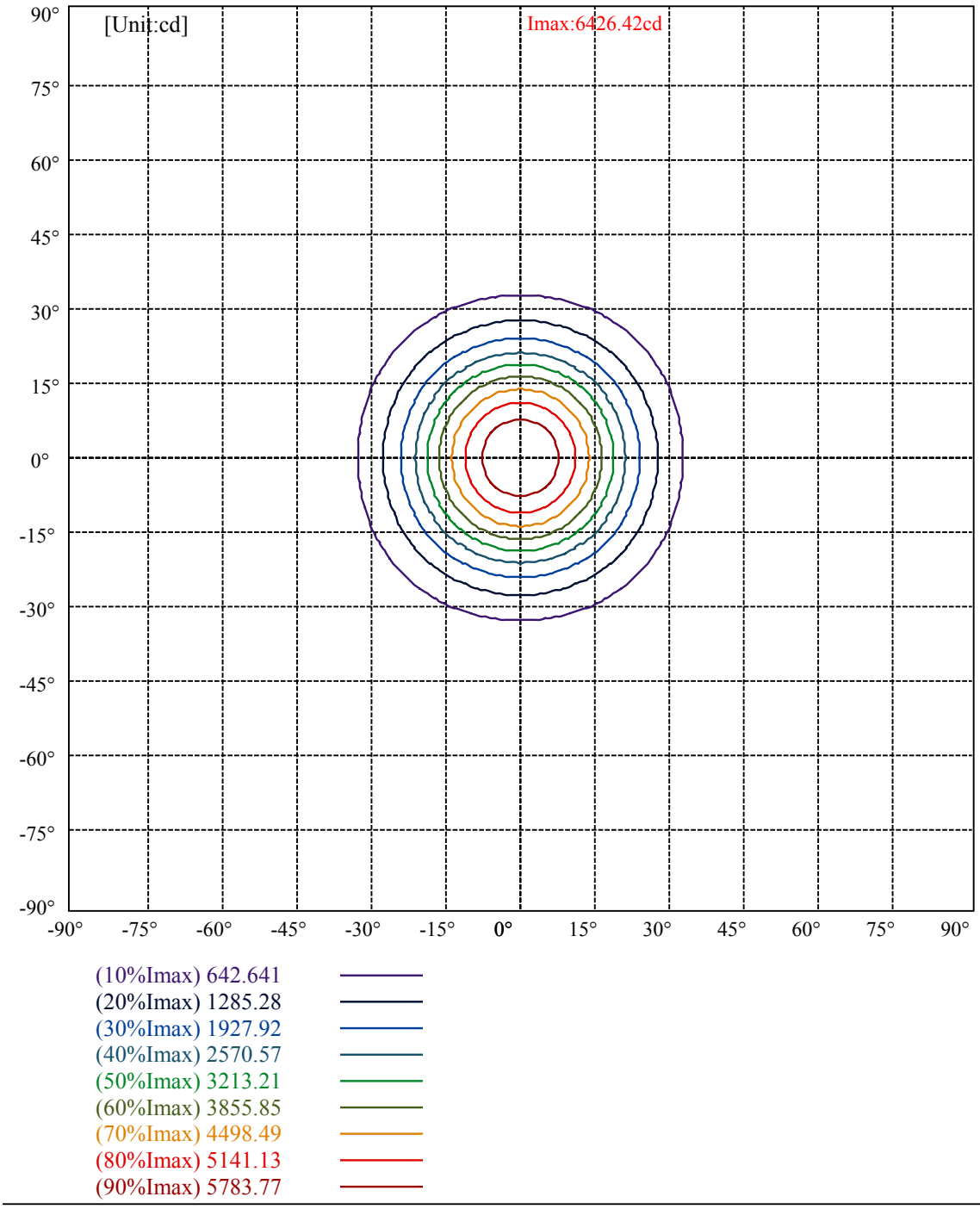
Beam Angle(50%Imax):C0/180Left:18.5 Right:18.5
:C90/270Left:18.5 Right:18.5

Lux distance Curve



Equipment: GMS1980 Date: 2024/3/22 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)

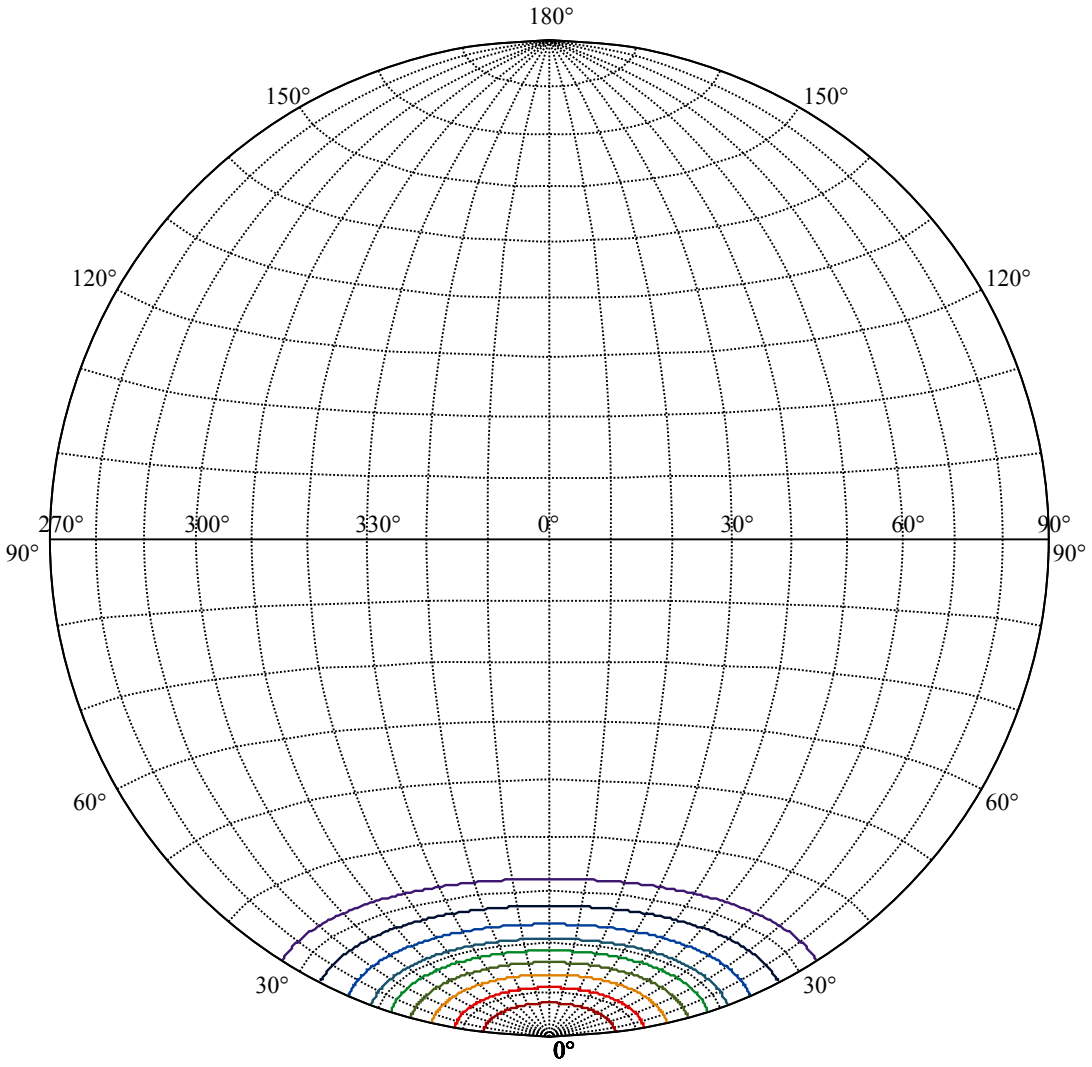


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/22
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



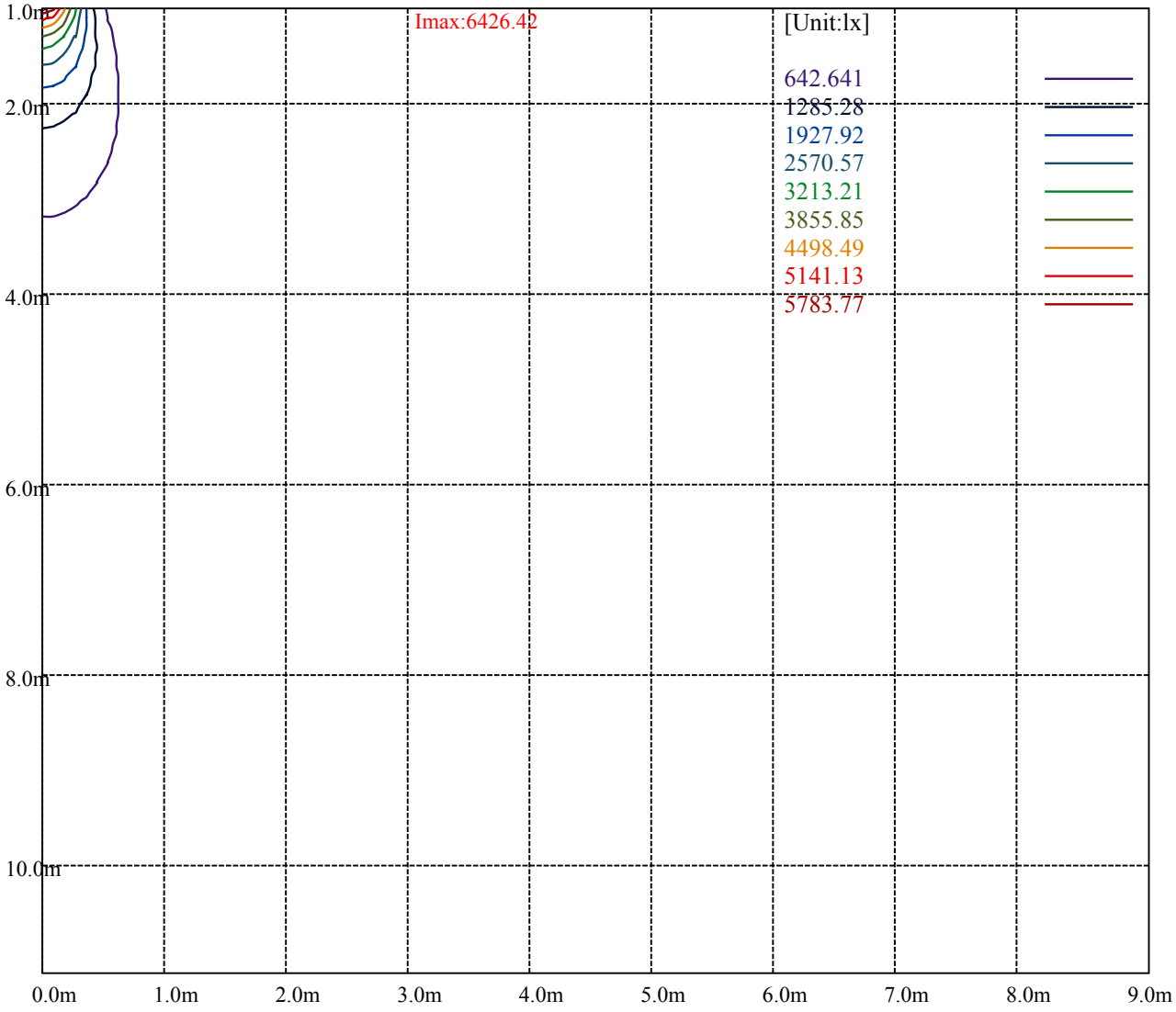
House [Unit:cd] Road

Imax:6426.42

(10%Imax) 642.641
(20%Imax) 1285.28
(30%Imax) 1927.92
(40%Imax) 2570.57
(50%Imax) 3213.21
(60%Imax) 3855.85
(70%Imax) 4498.49
(80%Imax) 5141.13
(90%Imax) 5783.77

Equipment: GMS1980	Date: 2024/3/22	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/22
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

NT 2-2680-L

Luminance Limitting Curve(no luminous side)

Luminance Table

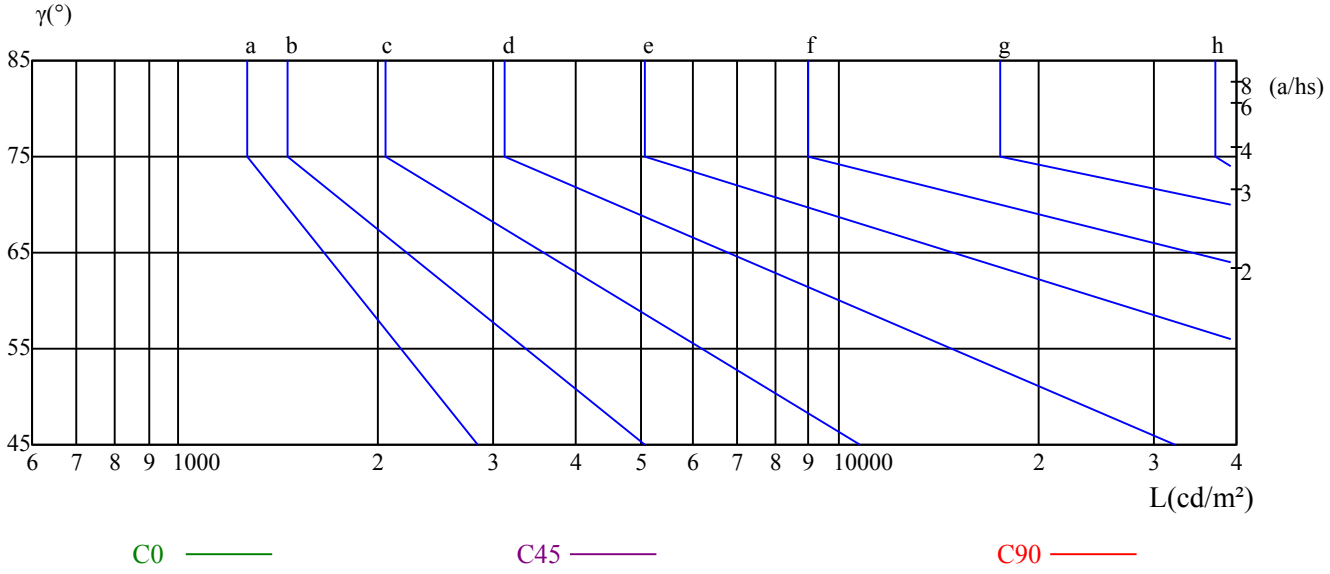
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

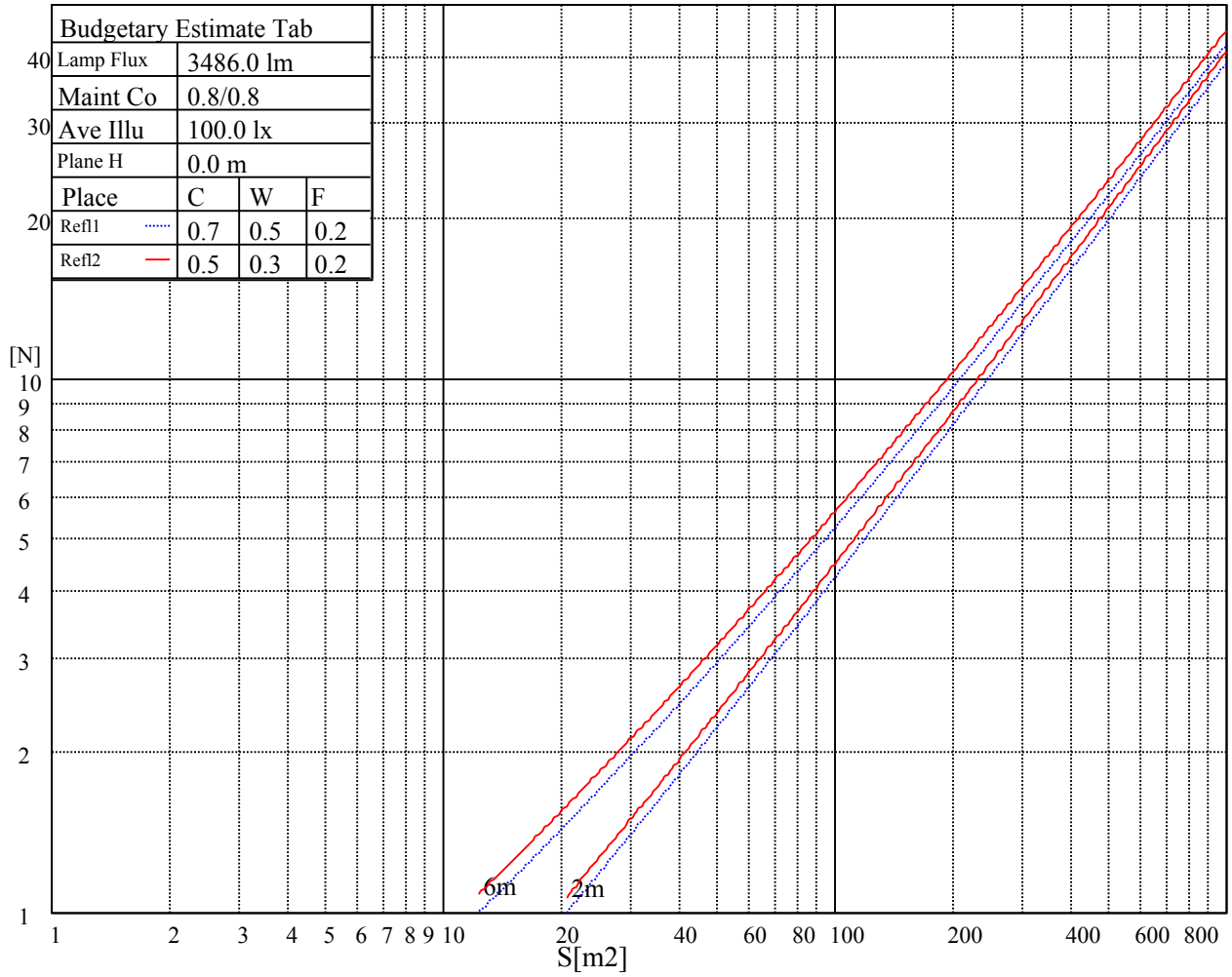
Luminance Limitting Curve



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

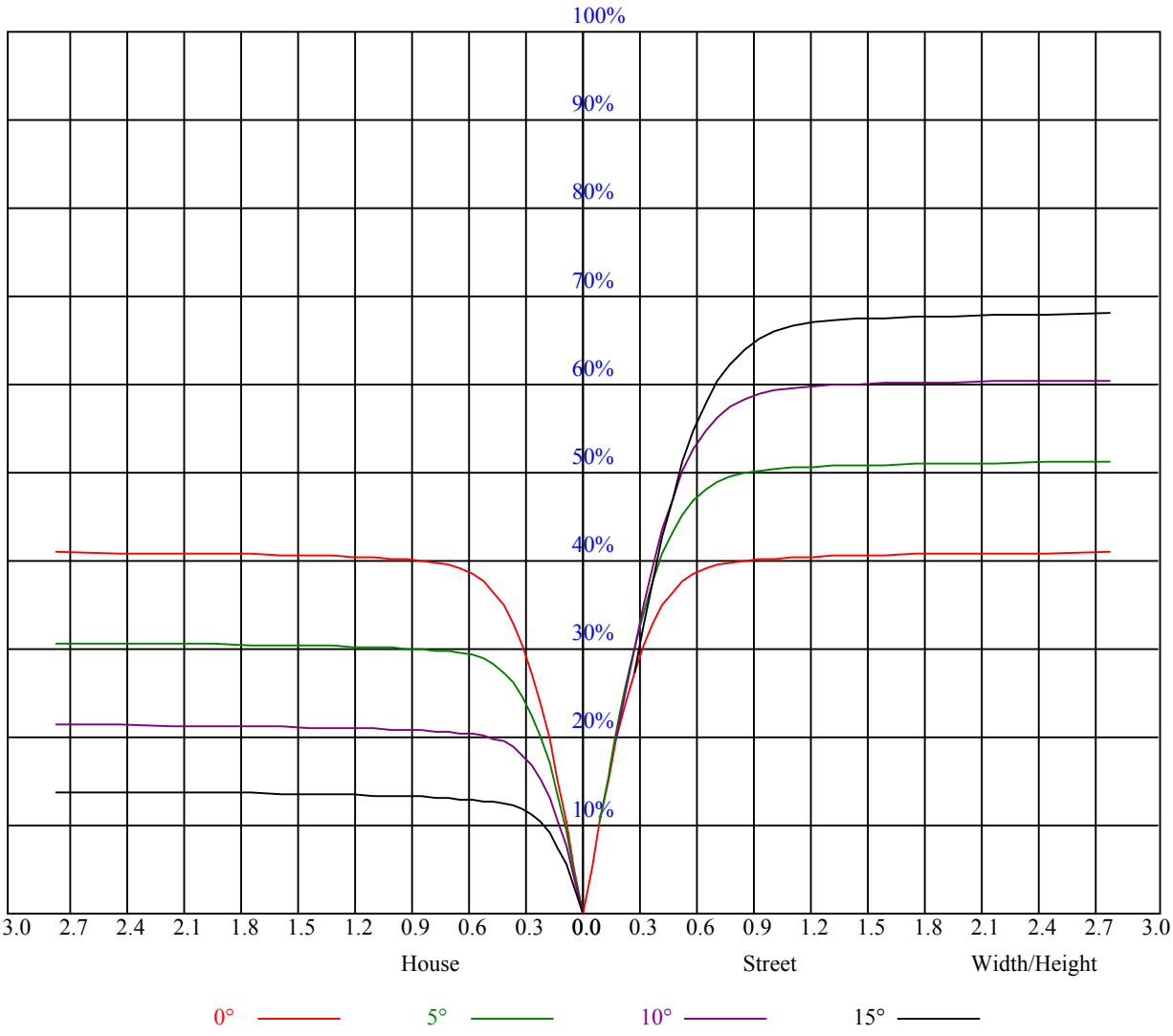


Equipment: GMS1980 Date: 2024/3/22 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

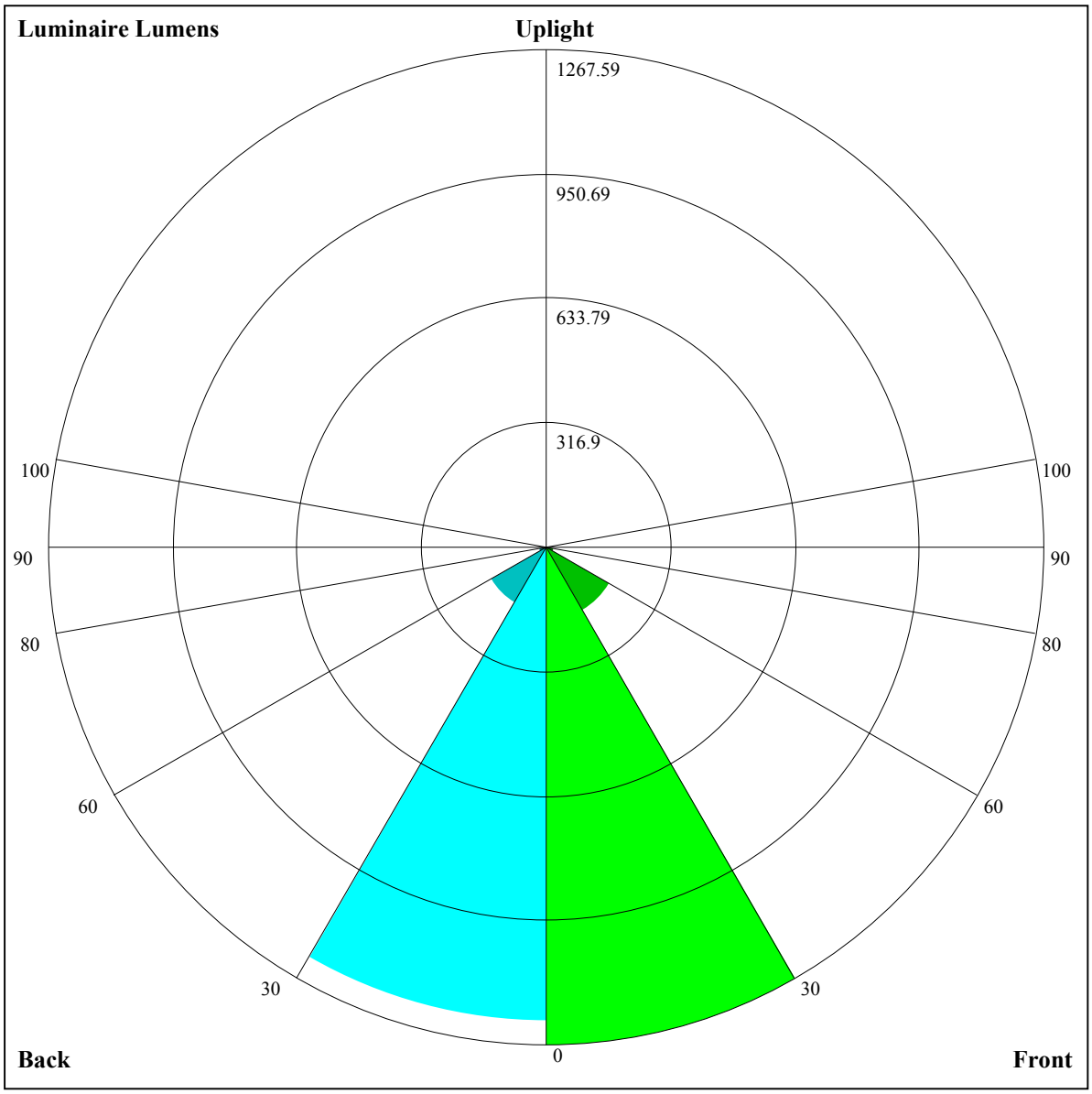
Utilization factor table for indoor luminaire

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	0.98	0.98	0.98	0.96	0.96	0.96	0.92	0.92	0.92	0.88	0.88	0.88	0.84	0.84	0.84	0.83
1	0.92	0.90	0.88	0.90	0.88	0.87	0.87	0.85	0.84	0.84	0.83	0.82	0.81	0.80	0.79	0.78
2	0.86	0.83	0.81	0.85	0.82	0.80	0.82	0.80	0.78	0.80	0.78	0.77	0.78	0.76	0.75	0.74
3	0.82	0.78	0.75	0.80	0.77	0.74	0.78	0.76	0.73	0.76	0.74	0.72	0.75	0.73	0.71	0.70
4	0.77	0.73	0.70	0.76	0.73	0.70	0.75	0.71	0.69	0.73	0.70	0.68	0.72	0.69	0.67	0.66
5	0.73	0.69	0.66	0.73	0.69	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.69	0.66	0.64	0.63
6	0.70	0.66	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.66	0.63	0.61	0.60
7	0.67	0.63	0.60	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.63	0.61	0.58	0.57
8	0.64	0.60	0.57	0.63	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.61	0.58	0.56	0.55
9	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.56	0.54	0.59	0.56	0.54	0.59	0.56	0.54	0.53
10	0.59	0.55	0.52	0.58	0.54	0.52	0.58	0.54	0.52	0.57	0.54	0.52	0.57	0.54	0.51	0.51

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/3/22	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=1267.59,FM=184.65,FH=21.26,FVH=7.37
BL=1205.33,BM=163.52,BH=21.57,BVH=7.28
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	6436.95	6431.68	6400.08	6359.70	6276.60	6191.74	6098.69	5980.47	5841.77
45.0	6419.98	6434.02	6426.41	6400.08	6341.56	6271.91	6188.81	6058.89	5934.24
90.0	6425.24	6406.52	6353.85	6291.81	6211.05	6086.40	5967.60	5830.07	5628.75
135.0	6426.41	6414.71	6377.84	6322.83	6246.75	6133.22	6017.34	5887.42	5697.22
180.0	6436.95	6417.05	6367.31	6305.27	6221.59	6099.27	5974.62	5830.07	5665.04
225.0	6414.12	6377.26	6319.32	6222.17	6131.46	6012.07	5838.26	5671.47	5491.81
270.0	6425.24	6424.66	6406.52	6356.77	6294.74	6216.90	6126.19	5978.13	5836.51
315.0	6426.41	6408.27	6376.08	6328.10	6256.11	6174.77	6039.58	5907.90	5759.84
360.0	6436.95	6431.68	6400.08	6359.70	6276.60	6191.74	6098.69	5980.47	5841.77

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5646.89	5462.55	5264.74	5054.65	4778.42	4553.11	4263.42	4021.14	3772.42
45.0	5793.79	5631.09	5450.26	5210.90	5004.32	4731.60	4502.19	4268.10	3966.71
90.0	5452.01	5260.06	5001.39	4785.44	4562.47	4334.82	4039.28	3794.66	3547.11
135.0	5522.24	5336.14	5140.67	4879.08	4658.45	4428.46	4195.54	3895.90	3646.01
180.0	5438.55	5238.41	5023.63	4801.83	4517.41	4280.98	4045.13	3740.23	3495.61
225.0	5293.42	5028.31	4805.93	4582.96	4350.04	4056.84	3815.73	3571.69	3252.74
270.0	5635.78	5447.33	5244.84	4976.23	4751.50	4519.17	4284.49	3981.34	3737.89
315.0	5540.38	5348.43	5143.60	4872.06	4649.09	4417.34	4122.38	3878.93	3627.87
360.0	5646.89	5462.55	5264.74	5054.65	4778.42	4553.11	4263.42	4021.14	3772.42

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3464.59	3212.94	2961.88	2653.47	2415.28	2191.14	1990.41	1814.26	1619.96
45.0	3720.33	3474.54	3160.86	2912.14	2665.76	2429.91	2153.10	1956.47	1782.07
90.0	3297.80	2986.46	2738.33	2495.46	2208.11	2002.11	1784.99	1631.08	1488.29
135.0	3335.84	3087.12	2840.16	2536.42	2303.50	2087.56	1900.28	1696.04	1544.47
180.0	3236.94	2905.12	2654.64	2354.42	2132.62	1930.72	1765.10	1577.83	1421.57
225.0	2994.07	2744.18	2438.69	2208.70	1954.71	1784.41	1626.98	1474.24	1135.10
270.0	3480.98	3214.11	2899.26	2651.71	2415.28	2122.67	1931.89	1769.19	1566.71
315.0	3310.09	3058.44	2809.14	2565.68	2276.00	2065.32	1880.97	1682.00	1532.18
360.0	3464.59	3212.94	2961.88	2653.47	2415.28	2191.14	1990.41	1814.26	1619.96

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1471.90	1143.24	1143.24	1009.69	885.74	746.63	642.99	545.08	430.55
45.0	1624.64	1437.37	1288.14	1113.16	982.07	863.27	726.32	626.25	529.10
90.0	1159.56	1159.56	1028.53	903.94	762.78	659.61	562.58	469.94	361.79
135.0	1392.31	1241.91	1068.09	938.17	818.20	685.94	589.38	497.50	389.23
180.0	1275.26	1133.05	964.51	839.27	726.32	622.74	503.94	416.74	317.25
225.0	1135.10	996.52	866.60	749.38	617.59	520.62	431.43	328.95	257.03
270.0	1412.79	1225.52	1080.97	940.52	816.45	677.75	577.09	484.04	398.60
315.0	1157.17	1157.17	1085.77	918.34	797.78	662.36	565.62	474.97	366.82
360.0	1471.90	1143.24	1143.24	1009.69	885.74	746.63	642.99	545.08	430.55

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	346.80	271.54	191.13	142.74	114.82	100.66	90.42	83.10	76.90
45.0	440.15	335.98	297.94	297.94	142.50	109.79	98.61	90.36	83.16
90.0	284.95	217.29	161.58	117.16	101.36	92.88	83.10	76.61	69.41
135.0	308.47	308.47	221.27	121.32	102.88	92.41	84.74	78.19	72.45
180.0	298.52	298.52	127.93	106.34	96.97	89.07	80.47	74.56	69.17
225.0	195.41	137.64	112.77	101.30	91.24	84.10	77.95	70.99	65.90
270.0	300.28	300.28	217.47	129.39	104.05	95.39	85.79	79.24	73.50
315.0	288.69	220.51	164.86	118.98	101.77	93.40	83.80	77.54	71.87
360.0	346.80	271.54	191.13	142.74	114.82	100.66	90.42	83.10	76.90

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	69.93	64.90	60.40	55.54	51.97	48.69	45.12	42.49	40.15
45.0	75.44	69.93	64.90	59.28	55.42	50.86	47.64	44.71	41.55
90.0	64.14	59.52	55.42	50.91	47.52	44.48	41.73	38.74	36.64
135.0	66.01	61.33	57.18	53.31	49.74	45.76	42.84	39.74	37.57
180.0	64.32	58.87	55.07	51.50	48.22	44.71	42.08	39.21	37.16
225.0	61.27	57.18	52.49	49.10	46.12	43.31	40.20	37.98	35.52
270.0	66.95	62.33	58.17	54.25	49.86	46.70	43.83	41.26	38.27
315.0	66.77	61.10	57.12	53.43	49.22	46.17	42.60	40.15	37.86
360.0	69.93	64.90	60.40	55.54	51.97	48.69	45.12	42.49	40.15

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	37.51	35.64	33.88	32.42	30.96	29.44	28.32	27.39	26.28
45.0	39.33	37.28	35.46	33.42	31.95	30.55	29.32	27.97	27.04
90.0	34.76	32.60	31.13	29.73	28.27	27.21	26.39	25.40	24.70
135.0	35.64	33.42	31.95	30.55	29.09	28.03	27.04	26.22	25.28
180.0	35.35	33.36	32.01	30.67	29.32	28.32	27.51	26.69	25.93
225.0	33.83	32.36	30.67	29.50	28.44	27.51	26.51	25.69	25.05
270.0	36.23	34.41	32.77	31.02	29.79	28.44	27.39	26.57	25.57
315.0	35.93	33.65	32.19	30.72	29.50	28.21	27.27	26.39	25.57
360.0	37.51	35.64	33.88	32.42	30.96	29.44	28.32	27.39	26.28

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	25.52	24.87	24.05	23.41	22.82	22.12	21.48	20.95	20.42
45.0	26.16	25.22	24.58	23.94	23.17	22.59	22.00	21.30	20.78
90.0	24.05	23.29	22.77	22.18	21.59	20.95	20.42	19.90	19.43
135.0	24.58	24.05	23.41	22.65	22.06	21.48	20.83	20.31	19.61
180.0	25.11	24.40	23.82	23.23	22.94	22.77	22.82	23.23	23.53
225.0	24.40	23.64	23.23	22.94	22.82	22.88	23.17	23.23	23.06
270.0	24.81	24.17	23.58	22.82	22.24	21.65	21.07	20.37	19.84
315.0	24.70	23.99	23.23	22.59	22.06	21.30	20.72	20.19	19.66
360.0	25.52	24.87	24.05	23.41	22.82	22.12	21.48	20.95	20.42

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	19.66	19.20	18.67	18.14	17.62	17.15	16.68	16.09	15.68
45.0	20.19	19.66	19.02	18.49	18.02	17.62	17.03	16.62	16.15
90.0	18.79	18.38	17.73	17.32	16.85	16.33	15.92	15.51	15.16
135.0	19.14	18.61	18.14	17.56	17.15	16.68	16.21	15.74	15.33
180.0	23.23	22.53	21.89	20.95	20.07	19.08	18.14	17.26	16.15
225.0	22.36	21.77	21.13	20.31	19.31	18.26	17.38	16.50	15.57
270.0	19.31	18.67	18.20	17.73	17.15	16.74	16.15	15.80	15.33
315.0	19.02	18.49	17.97	17.56	16.91	16.44	16.04	15.57	15.10
360.0	19.66	19.20	18.67	18.14	17.62	17.15	16.68	16.09	15.68

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	15.22	14.75	14.22	13.75	13.46	13.11	12.70	12.47	12.23
45.0	15.63	15.22	14.57	14.16	13.75	13.46	12.99	12.64	12.41
90.0	14.69	14.28	13.99	13.75	13.28	12.76	12.52	12.23	12.06
135.0	14.92	14.40	13.93	13.58	13.23	12.70	12.47	12.17	12.00
180.0	15.27	14.51	13.93	13.58	13.11	12.70	12.41	12.17	12.11
225.0	14.57	14.05	13.64	13.28	12.87	12.58	12.35	12.06	12.06
270.0	14.98	14.46	14.05	13.69	13.40	12.93	12.58	12.35	12.11
315.0	14.63	14.28	13.81	13.46	13.17	12.70	12.47	12.23	12.06
360.0	15.22	14.75	14.22	13.75	13.46	13.11	12.70	12.47	12.23

Intensity data(cd)

C/γ(°)	90.0
0.0	12.11
45.0	12.23
90.0	12.06
135.0	12.00
180.0	12.06
225.0	12.11
270.0	12.00
315.0	11.94
360.0	12.11