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

Nata

Client:
LumCAT: 2-2756-L
Luminaire: 92.70.411.00
Report No: 2024828-B013
Ballast type:
Test No: 2024828-C013
LampCAT: Fortimo_SLM_C_1205
Lamp flux(lm): 2291.0
Number of Lamps: 1
Length(mm): 0
Phm Type: C

Voltage(V): 35.350
Current(A): 0.403
Power (W): 14.250
PF: 0.000
Width(mm): 0
Height(mm): 0

Photometric Results

Lumens(lm): 2123.22, Efficiency(%): 92.68% , Luminous Efficacy(lm/W): 149.00
Central intensity(cd): 4833.266, Maximum intensity(cd): 4833.266
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=35.2
[C90/270]Total=35.2
Field angle(10%Imax): [C0/180]Total=65.8
[C90/270]Total=65.8
Maximum s/h(1/2): C0_180=0.57 C90_270=0.57
Maximum s/h(1/4): C0_180=0.61 C90_270=0.61
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 92.68%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.328%

Equipment: GMS 1800
Temperature(°C): 25
Date: 2024/8/28
Humidity(%): 60%
Operator: NT0

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4833.266	0.000	0	0.00%	0.00%
1.0	4824.068	4.621	4.621	0.20%	0.22%
2.0	4778.661	13.783	18.404	0.60%	0.87%
3.0	4714.935	22.706	41.109	0.99%	1.94%
4.0	4624.396	31.262	72.371	1.36%	3.41%
5.0	4494.705	39.230	111.601	1.71%	5.26%
6.0	4375.204	46.614	158.215	2.03%	7.45%
7.0	4231.939	53.424	211.639	2.33%	9.97%
8.0	4075.026	59.451	271.09	2.59%	12.77%
9.0	3910.315	64.717	335.807	2.82%	15.82%
10.0	3741.990	69.251	405.058	3.02%	19.08%
11.0	3572.049	73.082	478.14	3.19%	22.52%
12.0	3398.770	76.201	554.341	3.33%	26.11%
13.0	3224.585	78.603	632.943	3.43%	29.81%
14.0	3051.036	80.327	713.271	3.51%	33.59%
15.0	2873.369	81.333	794.604	3.55%	37.42%
16.0	2703.092	81.711	876.314	3.57%	41.27%
17.0	2513.098	81.230	957.545	3.55%	45.10%
18.0	2346.088	80.117	1037.662	3.50%	48.87%
19.0	2195.174	79.009	1116.671	3.45%	52.59%
20.0	2039.865	77.513	1194.184	3.38%	56.24%
21.0	1899.037	75.635	1269.819	3.30%	59.81%
22.0	1773.459	73.800	1343.619	3.22%	63.28%
23.0	1627.624	71.364	1414.983	3.11%	66.64%
24.0	1494.398	68.259	1483.241	2.98%	69.86%
25.0	1382.551	65.416	1548.657	2.86%	72.94%
26.0	1271.329	62.645	1611.302	2.73%	75.89%
27.0	1132.249	58.804	1670.106	2.57%	78.66%
28.0	1040.692	55.014	1725.12	2.40%	81.25%
29.0	932.951	51.636	1776.756	2.25%	83.68%
30.0	812.702	47.132	1823.889	2.06%	85.90%
31.0	693.266	41.909	1865.798	1.83%	87.88%
32.0	579.370	36.460	1902.257	1.59%	89.59%
33.0	477.938	31.149	1933.406	1.36%	91.06%
34.0	392.373	26.338	1959.744	1.15%	92.30%
35.0	326.393	22.322	1982.066	0.97%	93.35%
36.0	281.334	19.350	2001.416	0.84%	94.26%
37.0	225.730	16.538	2017.954	0.72%	95.04%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	187.352	13.788	2031.742	0.60%	95.69%
39.0	162.464	11.940	2043.682	0.52%	96.25%
40.0	125.513	10.044	2053.726	0.44%	96.73%
41.0	101.603	8.087	2061.813	0.35%	97.11%
42.0	82.405	6.685	2068.499	0.29%	97.42%
43.0	67.103	5.538	2074.037	0.24%	97.68%
44.0	55.145	4.614	2078.651	0.20%	97.90%
45.0	45.789	3.879	2082.53	0.17%	98.08%
46.0	38.581	3.300	2085.829	0.14%	98.24%
47.0	33.068	2.850	2088.679	0.12%	98.37%
48.0	28.817	2.502	2091.181	0.11%	98.49%
49.0	25.473	2.229	2093.41	0.10%	98.60%
50.0	22.766	2.011	2095.422	0.09%	98.69%
51.0	20.539	1.832	2097.254	0.08%	98.78%
52.0	18.679	1.683	2098.937	0.07%	98.86%
53.0	17.070	1.555	2100.492	0.07%	98.93%
54.0	15.670	1.443	2101.935	0.06%	99.00%
55.0	14.534	1.348	2103.283	0.06%	99.06%
56.0	13.482	1.266	2104.549	0.06%	99.12%
57.0	12.641	1.194	2105.743	0.05%	99.18%
58.0	11.741	1.128	2106.871	0.05%	99.23%
59.0	10.986	1.063	2107.933	0.05%	99.28%
60.0	10.421	1.011	2108.945	0.04%	99.33%
61.0	9.823	0.966	2109.911	0.04%	99.37%
62.0	9.212	0.917	2110.828	0.04%	99.42%
63.0	8.771	0.875	2111.703	0.04%	99.46%
64.0	8.285	0.837	2112.54	0.04%	99.50%
65.0	7.825	0.797	2113.337	0.03%	99.53%
66.0	7.451	0.762	2114.099	0.03%	99.57%
67.0	7.063	0.730	2114.829	0.03%	99.60%
68.0	6.715	0.698	2115.527	0.03%	99.64%
69.0	6.327	0.665	2116.192	0.03%	99.67%
70.0	6.005	0.633	2116.825	0.03%	99.70%
71.0	5.683	0.604	2117.43	0.03%	99.73%
72.0	5.348	0.574	2118.003	0.03%	99.75%
73.0	5.007	0.541	2118.545	0.02%	99.78%
74.0	4.704	0.511	2119.055	0.02%	99.80%
75.0	4.415	0.482	2119.537	0.02%	99.83%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.080	0.451	2119.988	0.02%	99.85%
77.0	3.765	0.418	2120.406	0.02%	99.87%
78.0	3.476	0.388	2120.794	0.02%	99.89%
79.0	3.193	0.358	2121.152	0.02%	99.90%
80.0	2.865	0.327	2121.479	0.01%	99.92%
81.0	2.543	0.292	2121.771	0.01%	99.93%
82.0	2.280	0.262	2122.033	0.01%	99.94%
83.0	2.004	0.233	2122.266	0.01%	99.95%
84.0	1.767	0.205	2122.471	0.01%	99.96%
85.0	1.491	0.178	2122.649	0.01%	99.97%
86.0	1.294	0.152	2122.801	0.01%	99.98%
87.0	1.124	0.132	2122.933	0.01%	99.99%
88.0	0.959	0.114	2123.047	0.00%	99.99%
89.0	0.775	0.095	2123.143	0.00%	100.00%
90.0	0.677	0.080	2123.222	0.00%	100.00%

Zonal flux distribution table

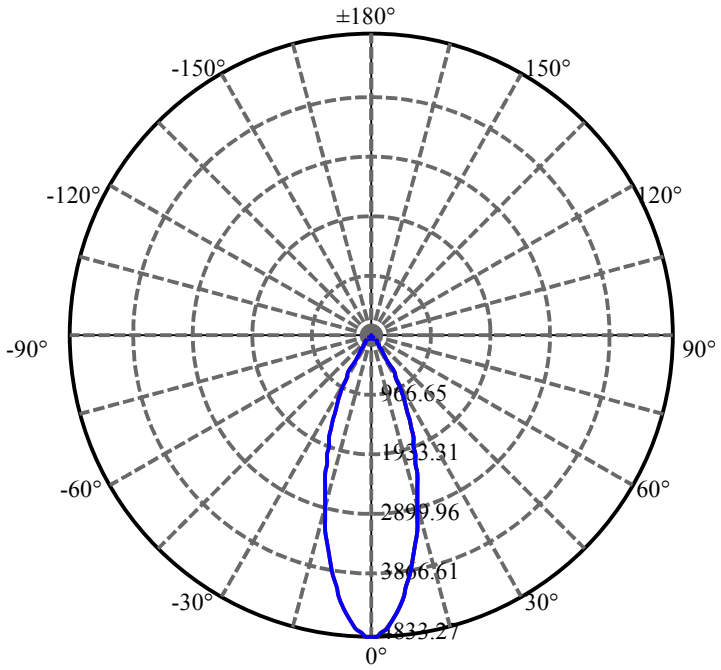
ZONAL LUMEN SUMMARY

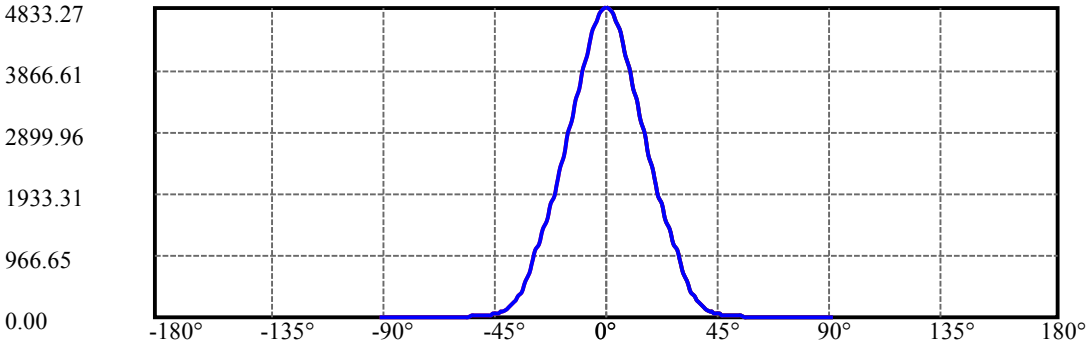
Zone	Lumens	%Lamp	%Fixt
0-30	1823.89	79.61%	85.90%
0-40	2053.73	89.64%	96.73%
0-60	2108.94	92.05%	99.33%
0-90	2123.14	92.67%	100.00%
0-120	2123.14	92.67%	100.00%
0-180	2123.22	92.68%	100.00%
60-90	14.20	0.62%	0.67%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.52	1698.58	74.14%	80.00%

ZONAL LUMEN SUMMARY

0-10	405.06
10-20	789.13
20-30	629.71
30-40	229.84
40-50	41.70
50-60	13.52
60-70	7.88
70-80	4.65
80-90	1.66
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):

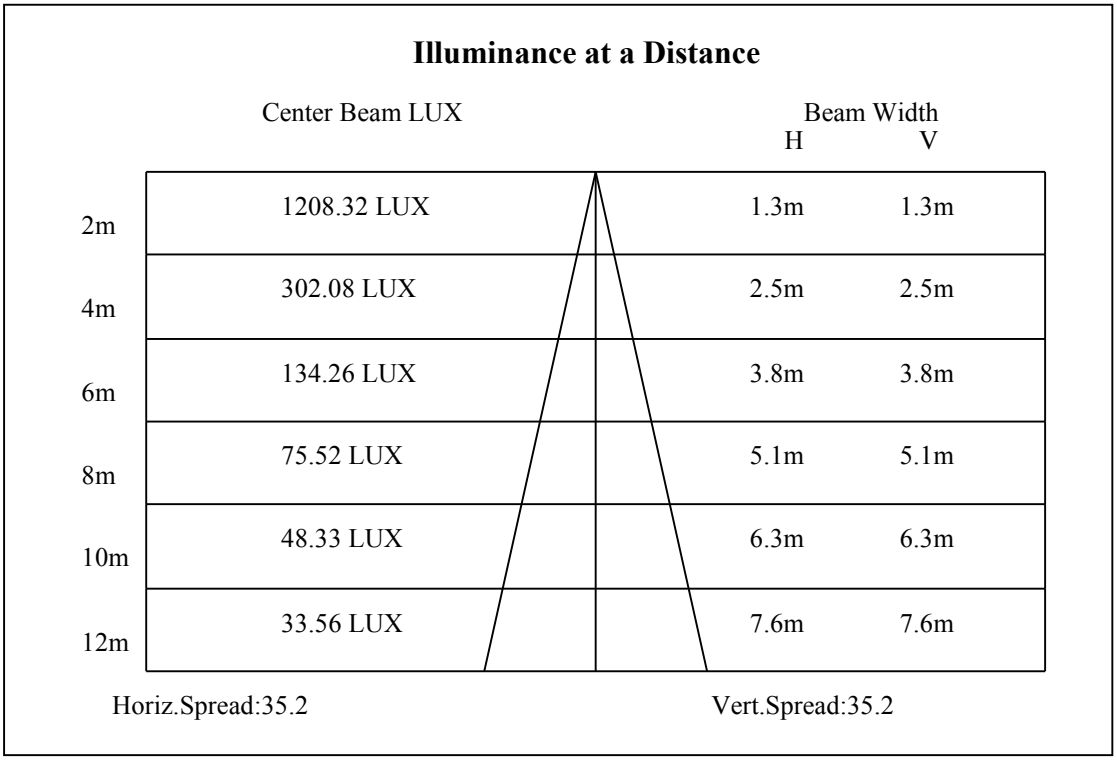
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:32.9 Right:32.9
:C90/270Left:32.9 Right:32.9

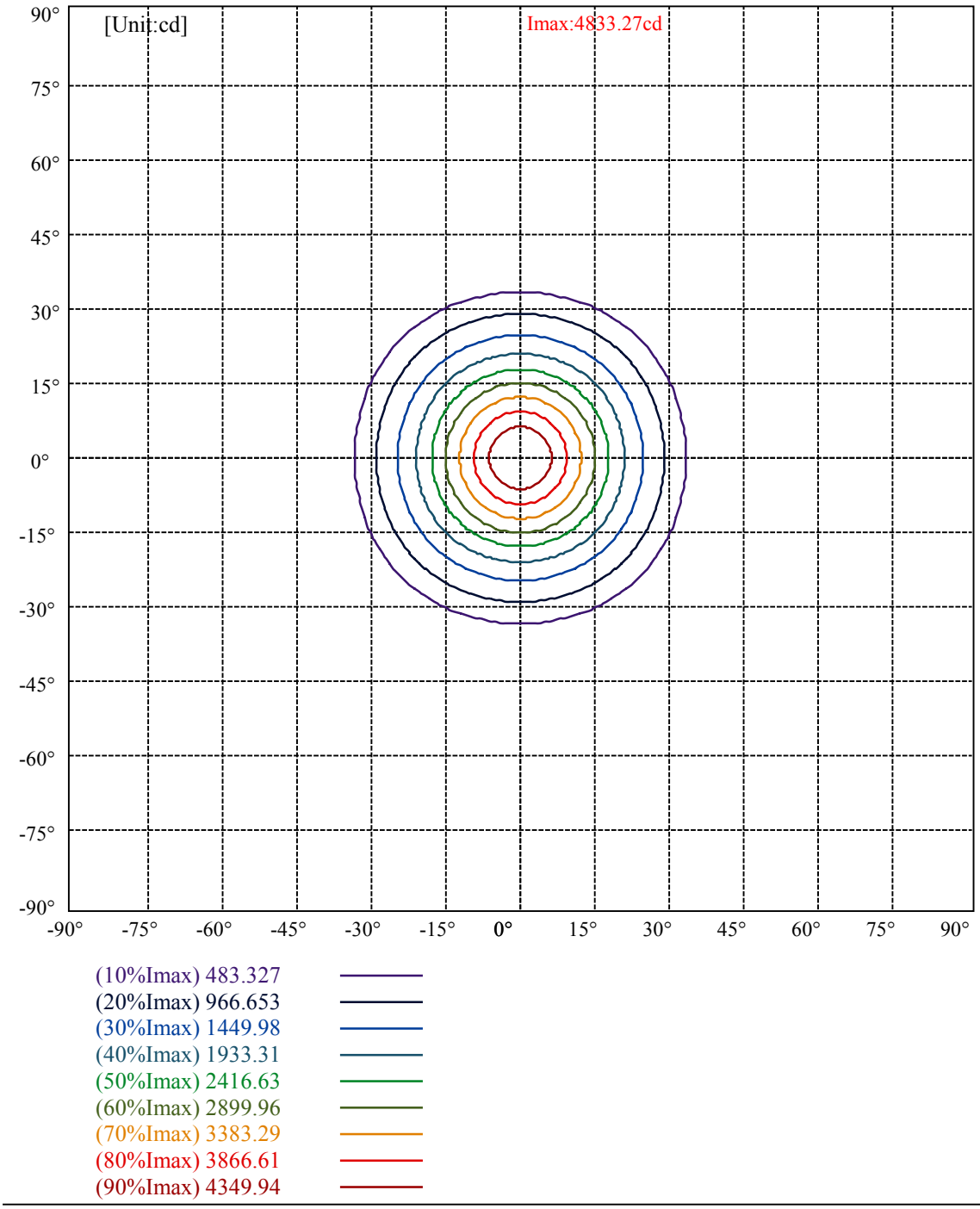
Beam Angle(50%Imax):C0/180Left:17.6 Right:17.6
:C90/270Left:17.6 Right:17.6

Lux distance Curve



Equipment: GMS 1800 Date: 2024/8/28 Operator: NT0
Temperature(°C): 25 Humidity(%): 60%

ISO-Intensity(V-H)

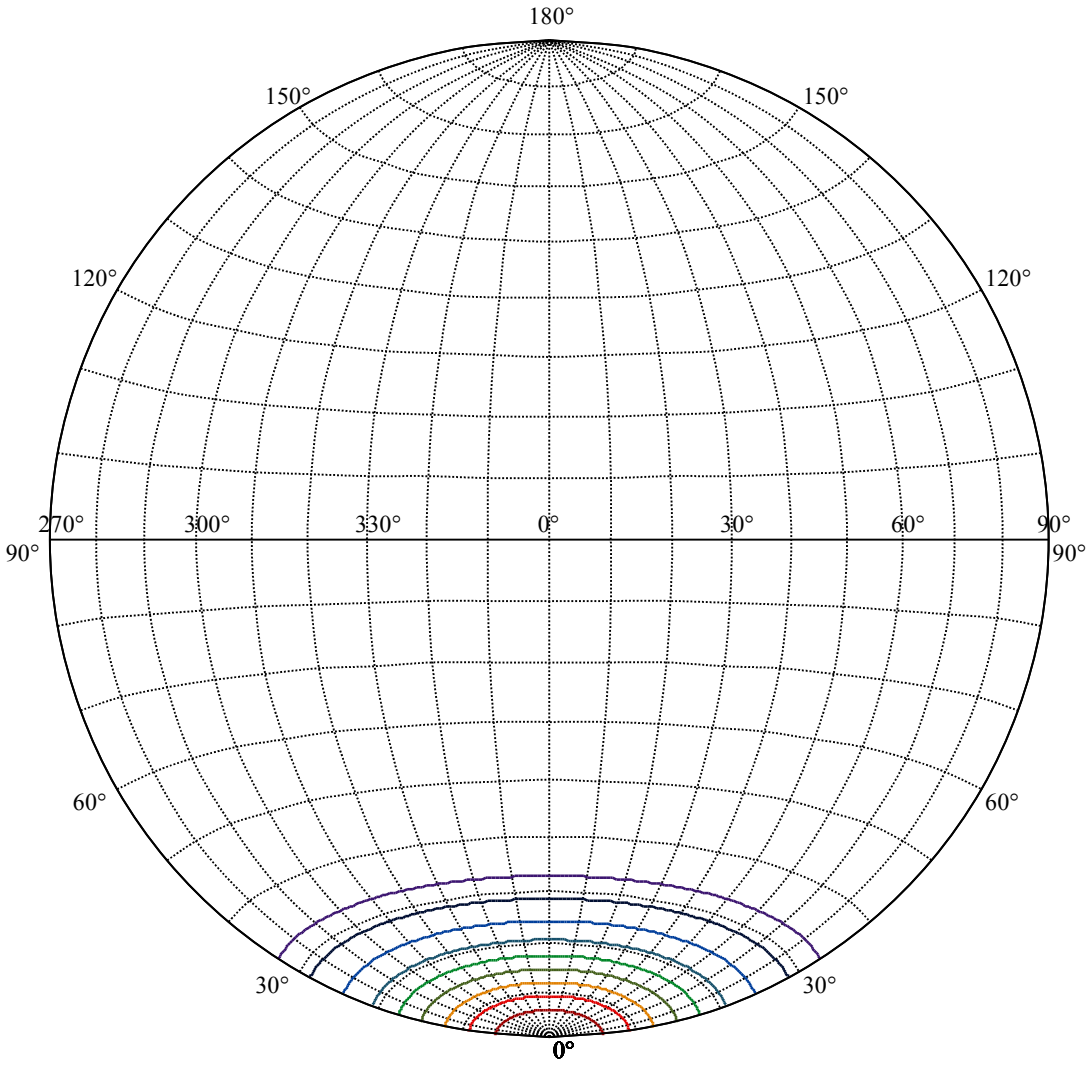


Equipment: GMS 1800
Temperature(°C): 25

Date: 2024/8/28
Humidity(%): 60%

Operator: NT0

ISO candela diagram on circular web

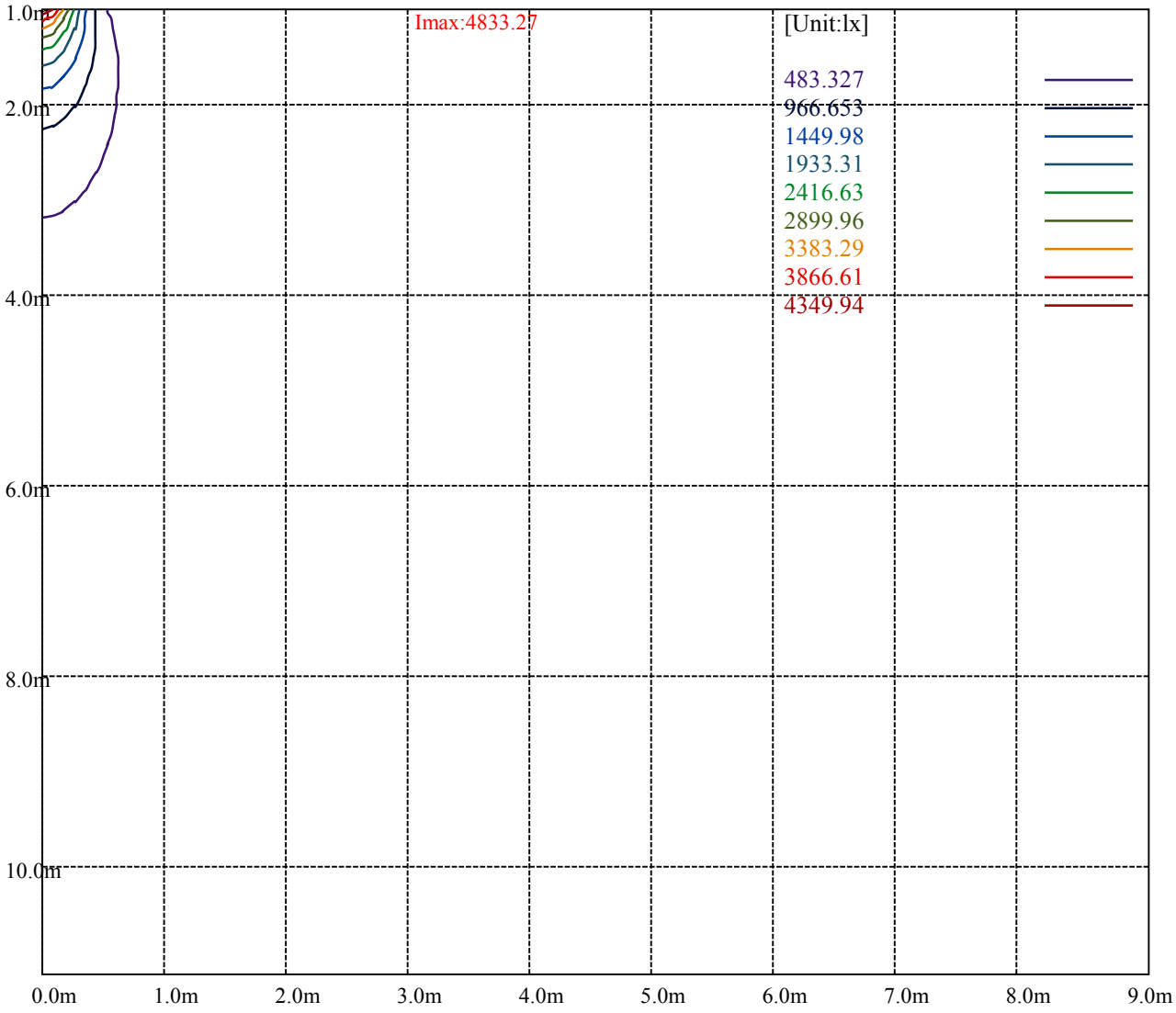


House [Unit:cd] Road

Imax:4833.27

(10%Imax) 483.327
(20%Imax) 966.653
(30%Imax) 1449.98
(40%Imax) 1933.31
(50%Imax) 2416.63
(60%Imax) 2899.96
(70%Imax) 3383.29
(80%Imax) 3866.61
(90%Imax) 4349.94

Space ISO Lux diagram



Equipment: GMS 1800
Temperature(°C): 25

Date: 2024/8/28
Humidity(%): 60%

Operator: NT0

Luminance Limitting Curve(no luminous side)

Luminance Table

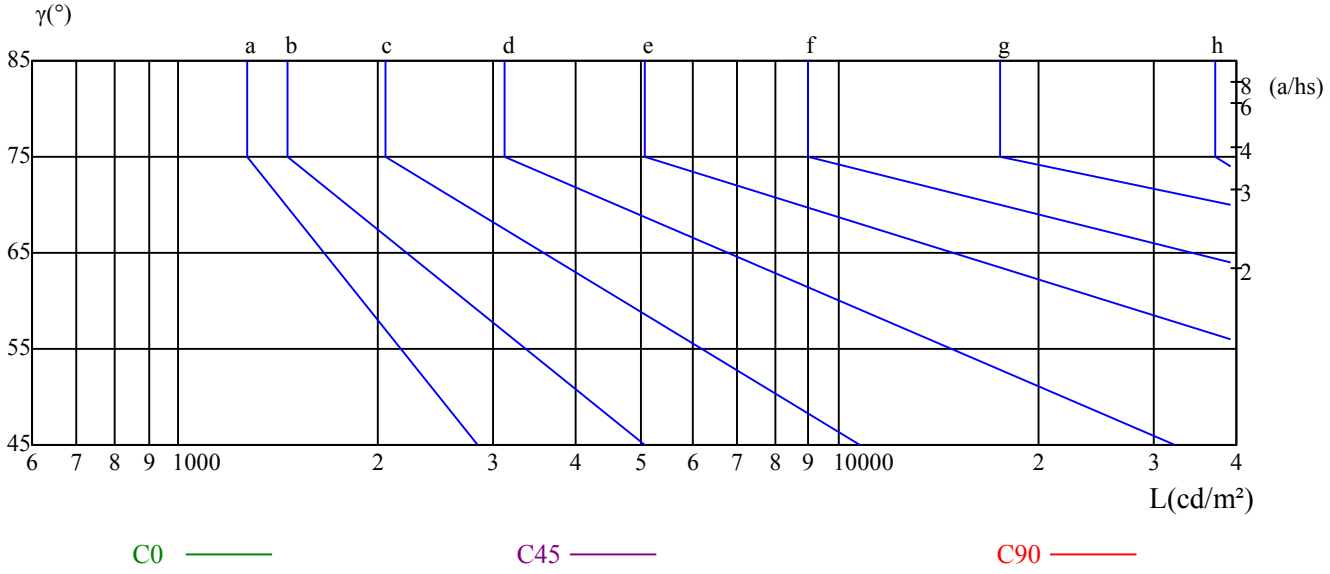
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

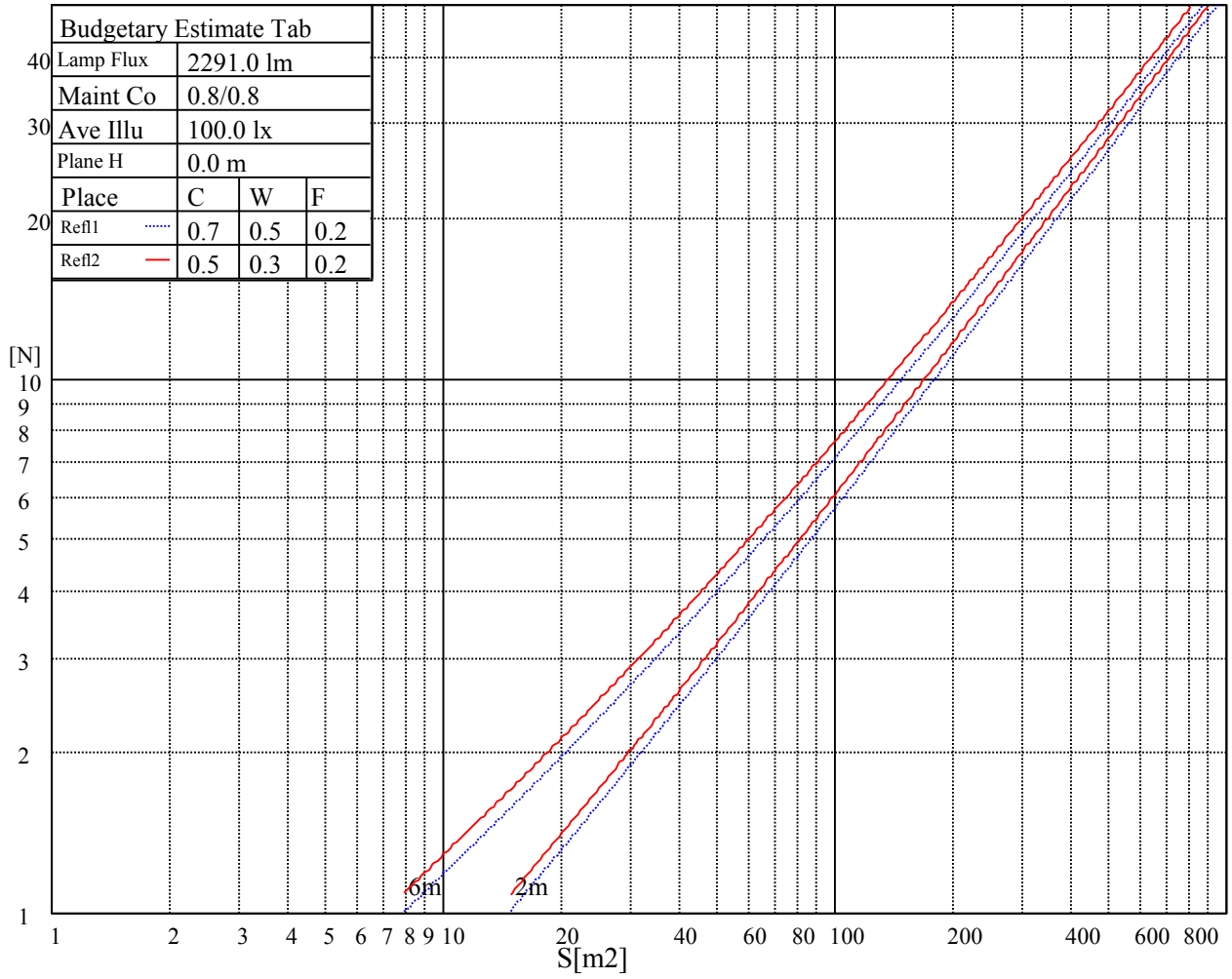
Luminance Limitting Curve



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

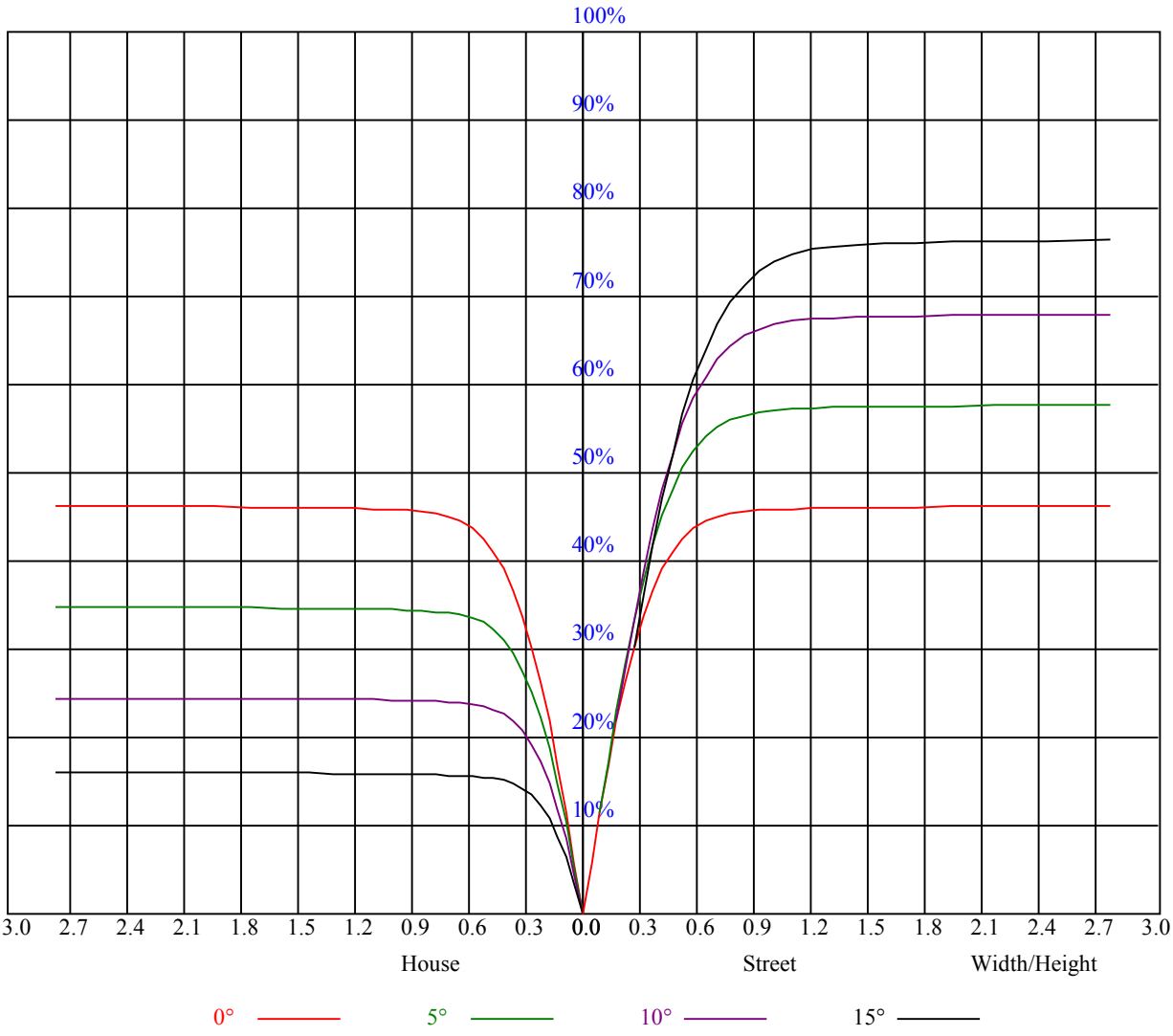


Equipment: GMS 1800 Date: 2024/8/28 Operator: NT0
Temperature(°C): 25 Humidity(%): 60%

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	1.10	1.10	1.10	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.03	1.01	1.00	1.02	1.00	0.98	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.88
2	0.97	0.94	0.91	0.96	0.93	0.90	0.93	0.90	0.88	0.90	0.88	0.86	0.88	0.86	0.85	0.83
3	0.92	0.88	0.85	0.91	0.87	0.84	0.88	0.85	0.83	0.86	0.84	0.81	0.84	0.82	0.80	0.79
4	0.87	0.83	0.79	0.86	0.82	0.79	0.84	0.81	0.78	0.82	0.79	0.77	0.81	0.78	0.76	0.75
5	0.83	0.78	0.75	0.82	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.77	0.75	0.72	0.71
6	0.79	0.74	0.70	0.78	0.73	0.70	0.77	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.68
7	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.66	0.65
8	0.72	0.67	0.64	0.71	0.67	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	0.60	0.67	0.63	0.60	0.66	0.62	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	0.60	0.58	0.63	0.60	0.57	0.56

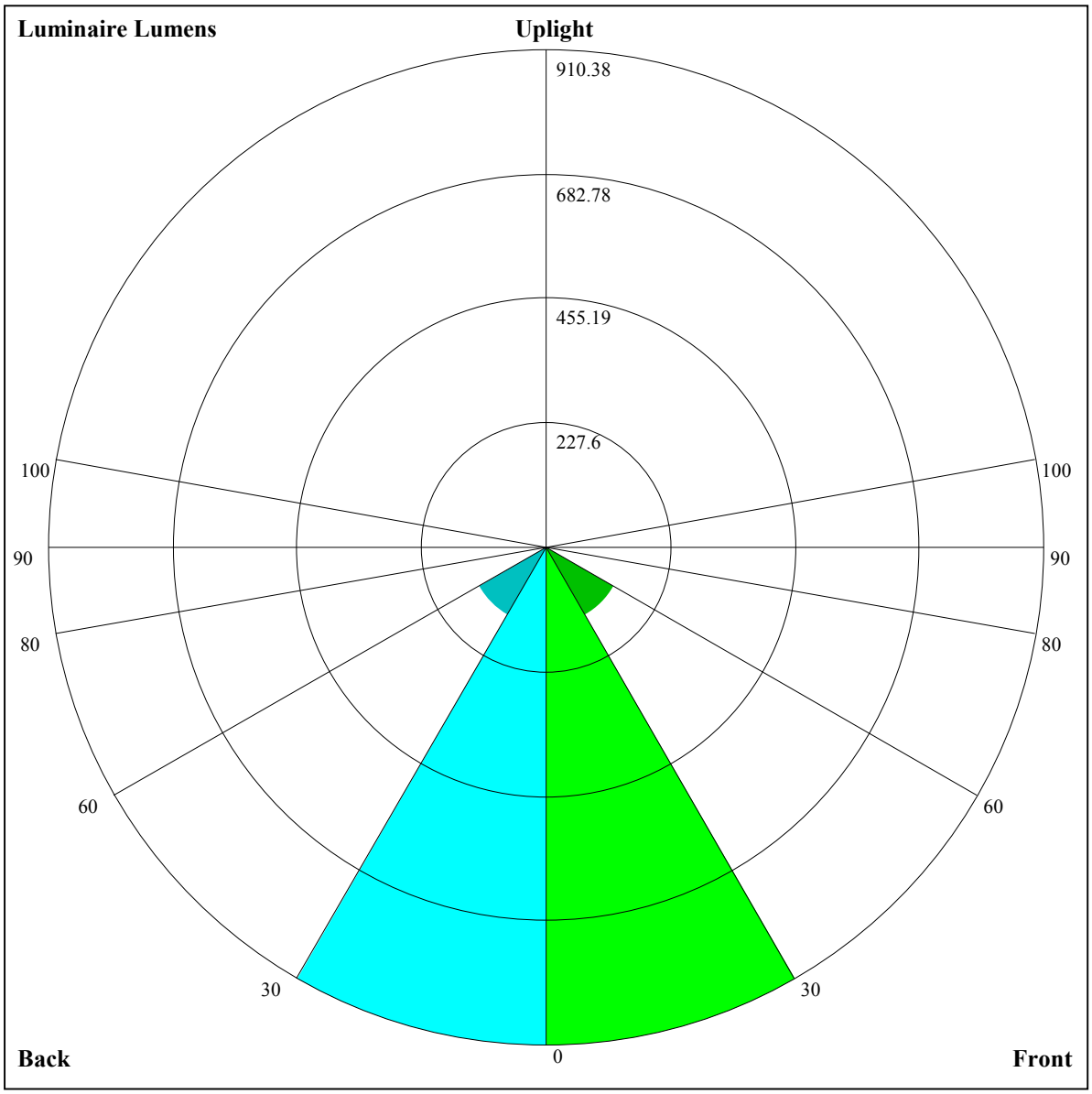
Coefficient Utilization Curve



Equipment: GMS 1800
Temperature(°C): 25

Date: 2024/8/28
Humidity(%): 60%

Operator: NT0



Luminaire Lumens:
FL=910.38,FM=143.74,FH=6.27,FVH=0.88
BL=910.38,BM=143.74,BH=6.27,BVH=0.88
UL=0,UH=0

BUG Rating:B2-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	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03
45.0	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03
90.0	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03
135.0	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03
180.0	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03
225.0	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03
270.0	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03
315.0	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03
360.0	4833.27	4824.07	4778.66	4714.94	4624.40	4494.71	4375.20	4231.94	4075.03

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10
45.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10
90.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10
135.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10
180.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10
225.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10
270.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10
315.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10
360.0	3910.32	3741.99	3572.05	3398.77	3224.59	3051.04	2873.37	2703.09	2513.10

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33
45.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33
90.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33
135.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33
180.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33
225.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33
270.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33
315.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33
360.0	2346.09	2195.17	2039.87	1899.04	1773.46	1627.62	1494.40	1382.55	1271.33

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39
45.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39
90.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39
135.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39
180.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39
225.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39
270.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39
315.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39
360.0	1132.25	1040.69	932.95	812.70	693.27	579.37	477.94	392.37	326.39

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15
45.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15
90.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15
135.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15
180.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15
225.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15
270.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15
315.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15
360.0	281.33	225.73	187.35	162.46	125.51	101.60	82.41	67.10	55.15

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	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07
45.0	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07
90.0	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07
135.0	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07
180.0	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07
225.0	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07
270.0	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07
315.0	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07
360.0	45.79	38.58	33.07	28.82	25.47	22.77	20.54	18.68	17.07

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21
45.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21
90.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21
135.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21
180.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21
225.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21
270.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21
315.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21
360.0	15.67	14.53	13.48	12.64	11.74	10.99	10.42	9.82	9.21

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68
45.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68
90.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68
135.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68
180.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68
225.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68
270.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68
315.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68
360.0	8.77	8.29	7.83	7.45	7.06	6.72	6.33	6.01	5.68

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87
45.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87
90.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87
135.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87
180.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87
225.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87
270.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87
315.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87
360.0	5.35	5.01	4.70	4.42	4.08	3.77	3.48	3.19	2.87

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78
45.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78
90.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78
135.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78
180.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78
225.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78
270.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78
315.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78
360.0	2.54	2.28	2.00	1.77	1.49	1.29	1.12	0.96	0.78

Intensity data(cd)

C/γ(°)	90.0
0.0	0.68
45.0	0.68
90.0	0.68
135.0	0.68
180.0	0.68
225.0	0.68
270.0	0.68
315.0	0.68
360.0	0.68