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NT

Client:
LumCAT: 2-2760-L
Luminaire: 92.70.412.00
Report No: 2024813-B017
Ballast type: AC

Test No: 2024813-C017	Voltage(V): 35.120
LampCAT: TRIDONIC SLE G7 15MM	Current(A): 0.702
Lamp flux(lm): 4107.0	Power (W): 24.654
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 3848.84, Efficiency(%): 93.71% , Luminous Efficacy(lm/W): 156.11
Central intensity(cd): 5655.234, Maximum intensity(cd): 5666.866
Angle of maximum intensity: C=0.0 γ=2.0
Beam Angle(50%Imax): [C0/180]Total=50.2
[C90/270]Total=50.2
Field angle(10%Imax): [C0/180]Total=73.0
[C90/270]Total=73.0
Maximum s/h(1/2): C0_180=0.80 C90_270=0.80
Maximum s/h(1/4): C0_180=0.77 C90_270=0.77
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 93.71%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.143%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5655.234	0.000	0	0.00%	0.00%
1.0	5664.671	5.416	5.416	0.13%	0.14%
2.0	5666.865	16.264	21.68	0.40%	0.56%
3.0	5664.012	27.100	48.78	0.66%	1.27%
4.0	5654.649	37.887	86.667	0.92%	2.25%
5.0	5637.458	48.578	135.245	1.18%	3.51%
6.0	5615.731	59.139	194.384	1.44%	5.05%
7.0	5590.347	69.556	263.94	1.69%	6.86%
8.0	5546.309	79.703	343.643	1.94%	8.93%
9.0	5487.713	89.425	433.068	2.18%	11.25%
10.0	5408.927	98.611	531.678	2.40%	13.81%
11.0	5321.071	107.215	638.893	2.61%	16.60%
12.0	5218.583	115.214	754.106	2.81%	19.59%
13.0	5094.515	122.390	876.497	2.98%	22.77%
14.0	4960.645	128.705	1005.202	3.13%	26.12%
15.0	4809.950	134.135	1139.337	3.27%	29.60%
16.0	4650.110	138.616	1277.954	3.38%	33.20%
17.0	4459.619	141.863	1419.816	3.45%	36.89%
18.0	4284.564	144.173	1563.989	3.51%	40.64%
19.0	4098.828	145.854	1709.843	3.55%	44.42%
20.0	3904.021	146.474	1856.317	3.57%	48.23%
21.0	3699.119	145.996	2002.313	3.55%	52.02%
22.0	3496.997	144.609	2146.922	3.52%	55.78%
23.0	3290.779	142.426	2289.348	3.47%	59.48%
24.0	3084.999	139.397	2428.745	3.39%	63.10%
25.0	2864.515	135.279	2564.024	3.29%	66.62%
26.0	2643.593	130.020	2694.044	3.17%	70.00%
27.0	2420.769	123.901	2817.945	3.02%	73.22%
28.0	2200.358	116.997	2934.942	2.85%	76.26%
29.0	1974.388	109.223	3044.165	2.66%	79.09%
30.0	1653.634	97.956	3142.121	2.39%	81.64%
31.0	1404.160	85.094	3227.215	2.07%	83.85%
32.0	1265.183	76.474	3303.688	1.86%	85.84%
33.0	1071.291	68.833	3372.522	1.68%	87.62%
34.0	883.434	59.156	3431.677	1.44%	89.16%
35.0	736.147	50.298	3481.976	1.22%	90.47%
36.0	621.355	43.223	3525.199	1.05%	91.59%
37.0	512.701	36.987	3562.185	0.90%	92.55%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	421.106	31.169	3593.354	0.76%	93.36%
39.0	345.861	26.179	3619.533	0.64%	94.04%
40.0	287.009	22.072	3641.605	0.54%	94.62%
41.0	252.846	19.224	3660.829	0.47%	95.12%
42.0	217.689	17.095	3677.925	0.42%	95.56%
43.0	154.112	13.773	3691.697	0.34%	95.92%
44.0	126.518	10.592	3702.289	0.26%	96.19%
45.0	105.582	8.920	3711.209	0.22%	96.42%
46.0	88.523	7.591	3718.8	0.18%	96.62%
47.0	75.772	6.534	3725.334	0.16%	96.79%
48.0	66.708	5.760	3731.094	0.14%	96.94%
49.0	59.905	5.199	3736.294	0.13%	97.08%
50.0	54.411	4.766	3741.06	0.12%	97.20%
51.0	50.205	4.426	3745.486	0.11%	97.31%
52.0	46.818	4.163	3749.649	0.10%	97.42%
53.0	43.994	3.950	3753.6	0.10%	97.53%
54.0	41.456	3.766	3757.366	0.09%	97.62%
55.0	39.356	3.607	3760.973	0.09%	97.72%
56.0	37.564	3.476	3764.449	0.08%	97.81%
57.0	36.064	3.366	3767.816	0.08%	97.89%
58.0	34.704	3.273	3771.088	0.08%	97.98%
59.0	33.416	3.185	3774.273	0.08%	98.06%
60.0	32.385	3.109	3777.382	0.08%	98.14%
61.0	31.412	3.045	3780.426	0.07%	98.22%
62.0	30.519	2.984	3783.41	0.07%	98.30%
63.0	29.649	2.926	3786.337	0.07%	98.38%
64.0	28.903	2.873	3789.21	0.07%	98.45%
65.0	28.179	2.825	3792.035	0.07%	98.52%
66.0	27.549	2.780	3794.815	0.07%	98.60%
67.0	26.869	2.736	3797.551	0.07%	98.67%
68.0	26.255	2.691	3800.242	0.07%	98.74%
69.0	25.677	2.649	3802.892	0.06%	98.81%
70.0	25.165	2.611	3805.503	0.06%	98.87%
71.0	24.601	2.572	3808.075	0.06%	98.94%
72.0	24.067	2.531	3810.606	0.06%	99.01%
73.0	23.577	2.491	3813.097	0.06%	99.07%
74.0	23.094	2.454	3815.551	0.06%	99.14%
75.0	22.612	2.415	3817.966	0.06%	99.20%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	22.100	2.373	3820.339	0.06%	99.26%
77.0	21.617	2.331	3822.67	0.06%	99.32%
78.0	21.097	2.287	3824.956	0.06%	99.38%
79.0	20.549	2.238	3827.194	0.05%	99.44%
80.0	20.007	2.186	3829.381	0.05%	99.49%
81.0	19.488	2.136	3831.516	0.05%	99.55%
82.0	18.998	2.087	3833.603	0.05%	99.60%
83.0	18.493	2.038	3835.642	0.05%	99.66%
84.0	18.076	1.992	3837.634	0.05%	99.71%
85.0	17.666	1.951	3839.585	0.05%	99.76%
86.0	17.315	1.912	3841.497	0.05%	99.81%
87.0	17.030	1.880	3843.376	0.05%	99.86%
88.0	16.723	1.849	3845.225	0.05%	99.91%
89.0	16.459	1.819	3847.044	0.04%	99.95%
90.0	16.357	1.799	3848.843	0.04%	100.00%

Zonal flux distribution table

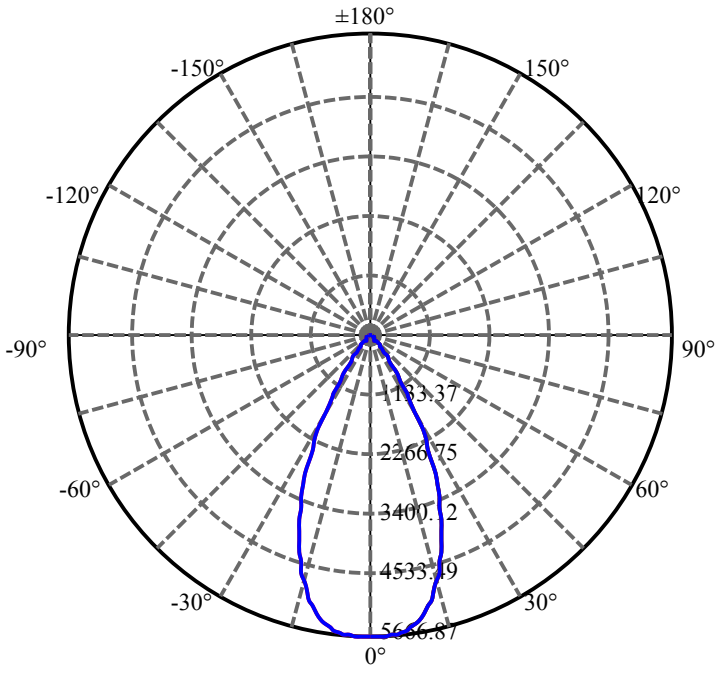
ZONAL LUMEN SUMMARY

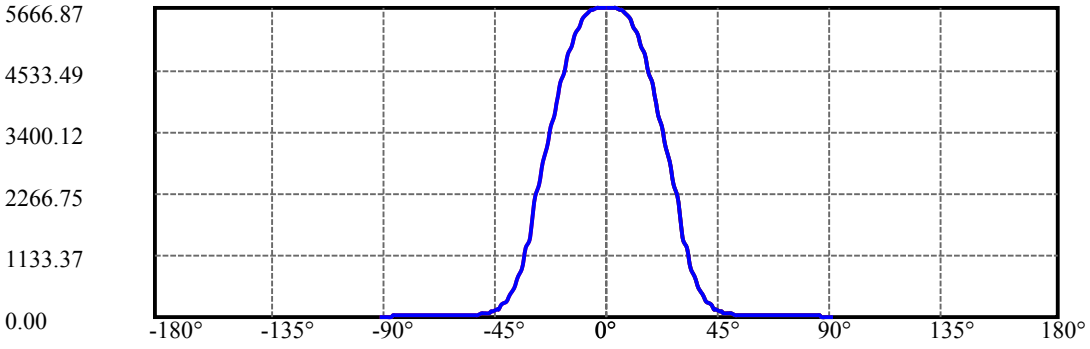
Zone	Lumens	%Lamp	%Fixt
0-30	3142.12	76.51%	81.64%
0-40	3641.61	88.67%	94.62%
0-60	3777.38	91.97%	98.14%
0-90	3847.04	93.67%	99.95%
0-120	3847.04	93.67%	99.95%
0-180	3848.84	93.71%	100.00%
60-90	69.66	1.70%	1.81%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-29.36	3079.08	74.97%	80.00%

ZONAL LUMEN SUMMARY

0-10	531.68
10-20	1324.64
20-30	1285.80
30-40	499.48
40-50	99.45
50-60	36.32
60-70	28.12
70-80	23.88
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):

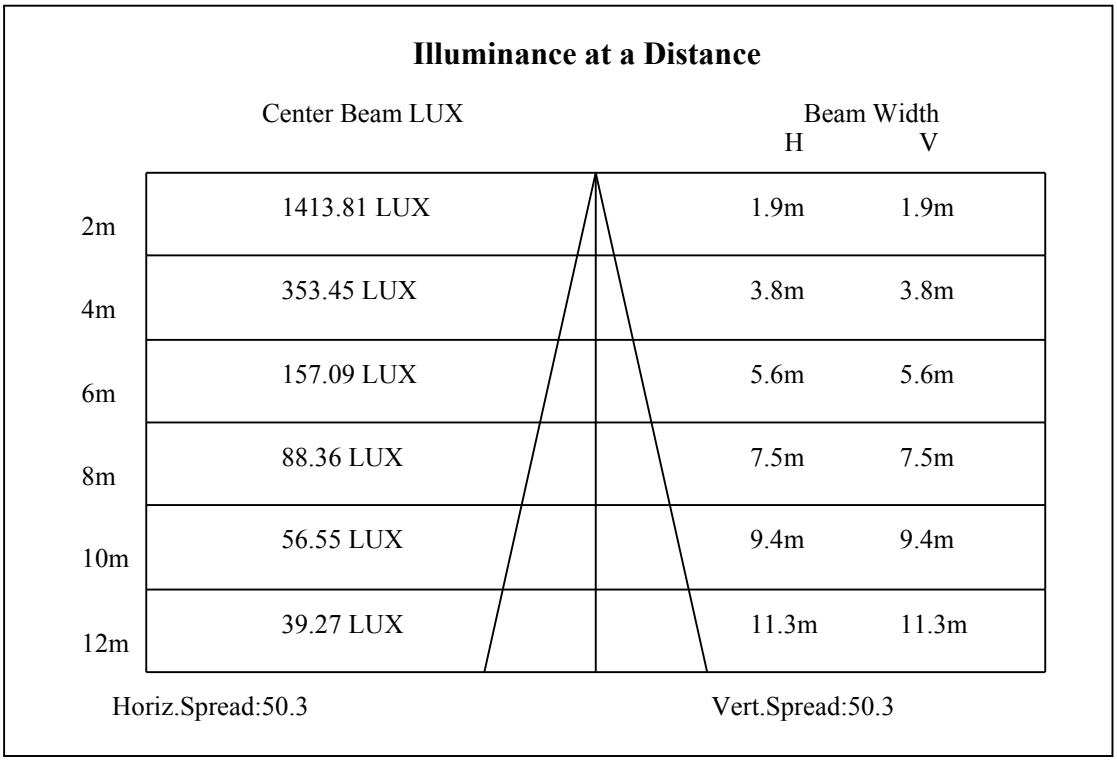
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:38.5 Right:34.5
:C90/270Left:38.5 Right:34.5

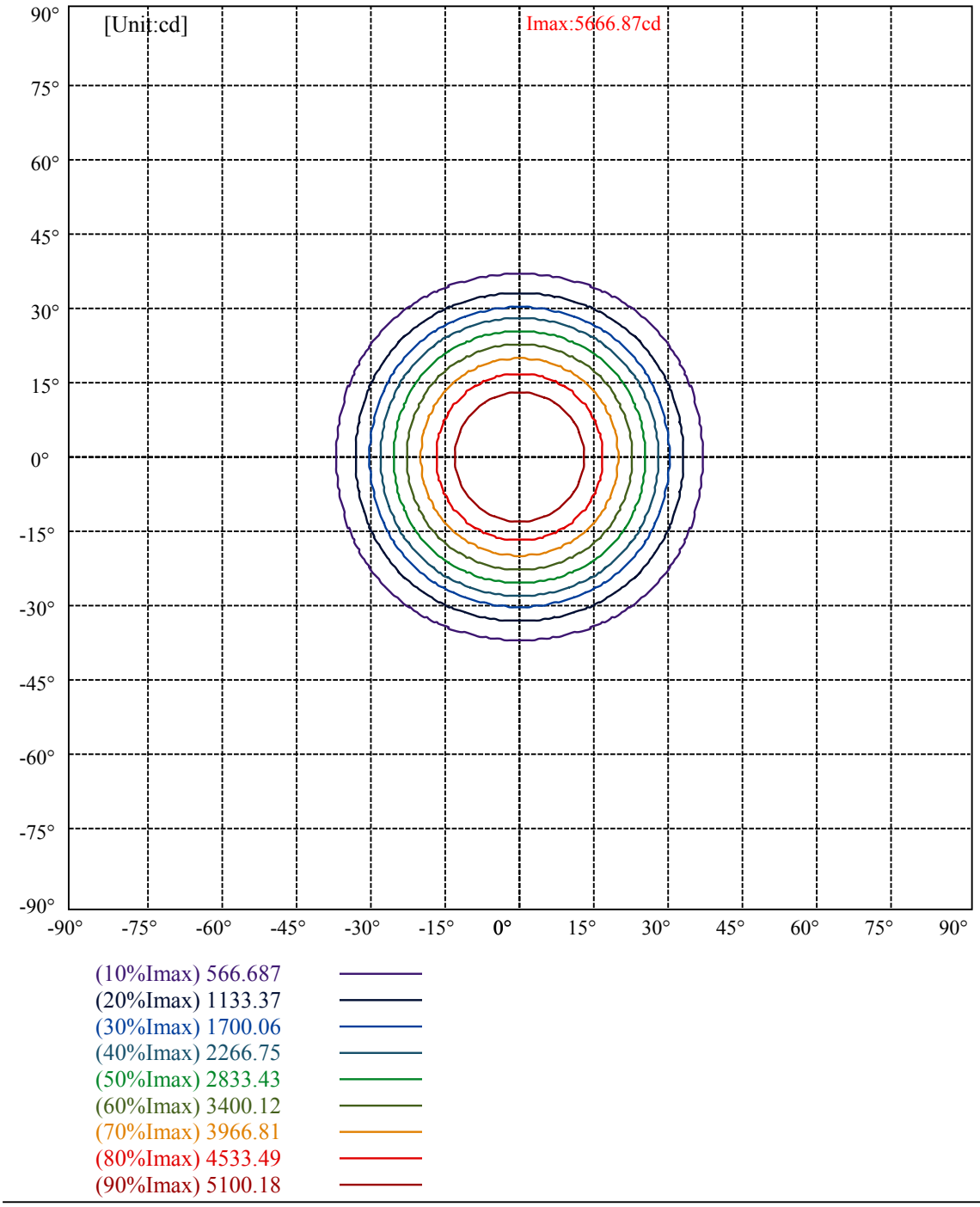
Beam Angle(50%Imax):C0/180Left:27.1 Right:23.1
:C90/270Left:27.1 Right:23.1

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)

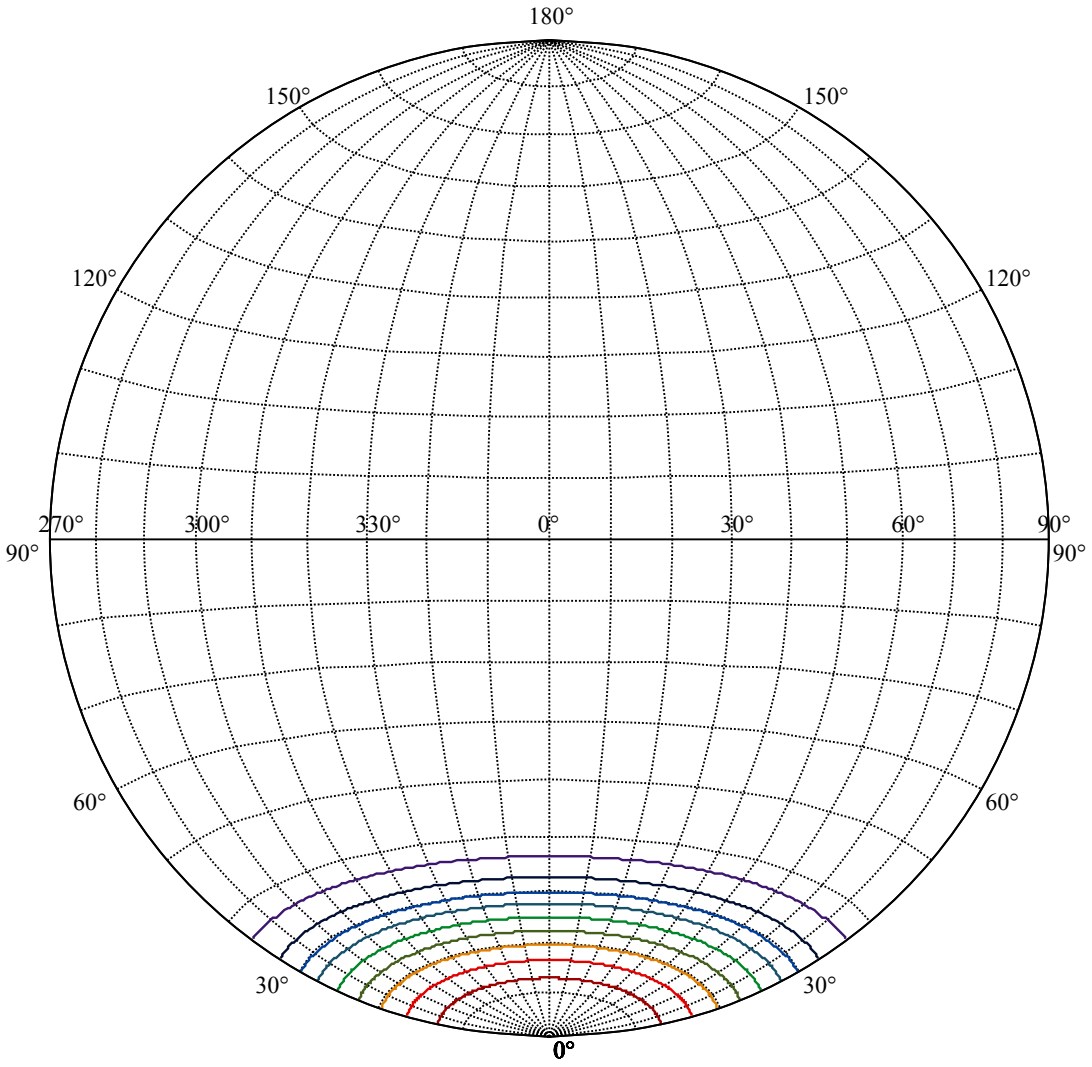


Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



[Unit:cd]

Imax:5666.87

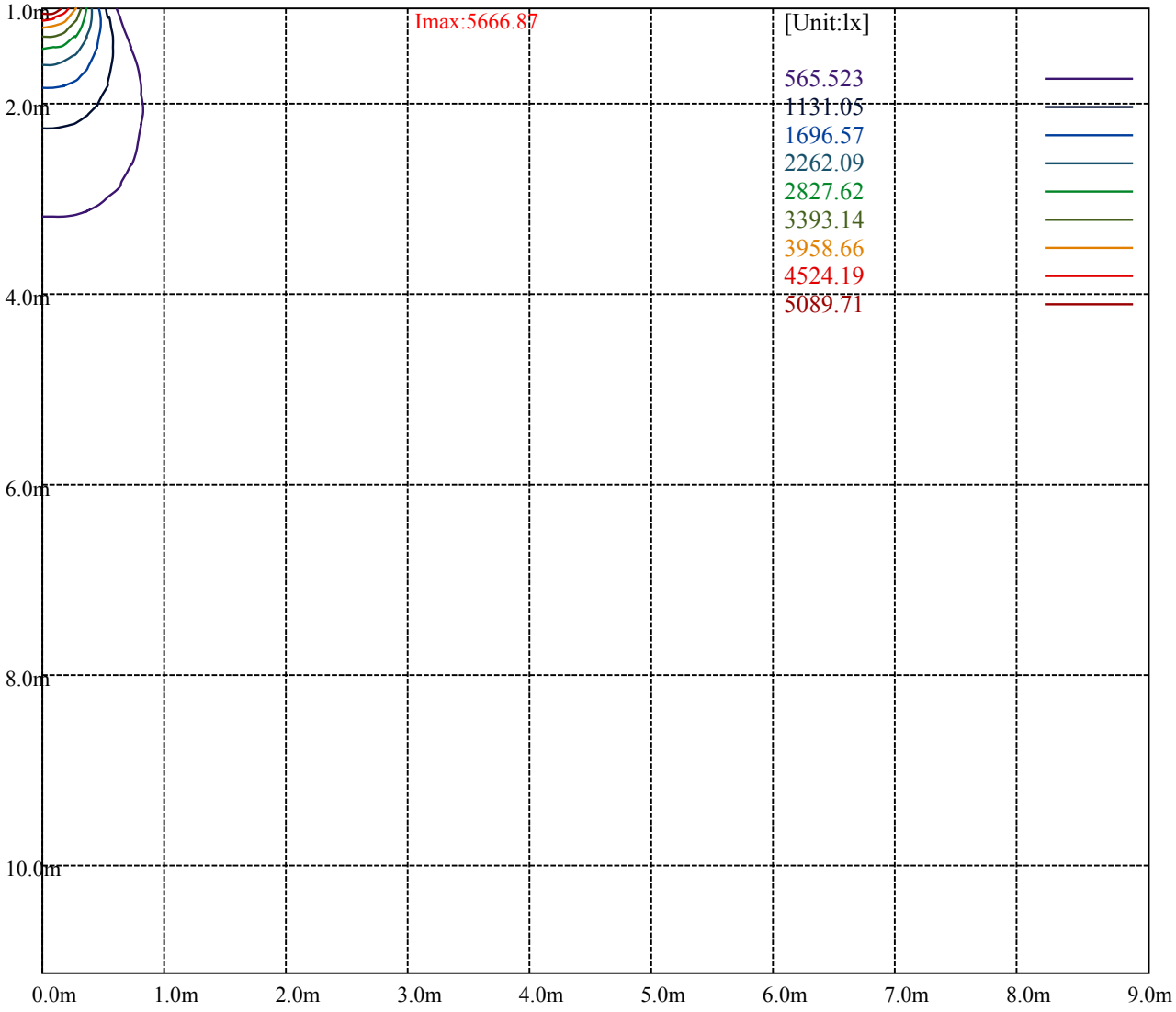
(10%Imax) 566.687
(20%Imax) 1133.37
(30%Imax) 1700.06
(40%Imax) 2266.75
(50%Imax) 2833.43
(60%Imax) 3400.12
(70%Imax) 3966.81
(80%Imax) 4533.49
(90%Imax) 5100.18

Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
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 2-2760-L

Luminance Limitting Curve(no luminous side)

Luminance Table

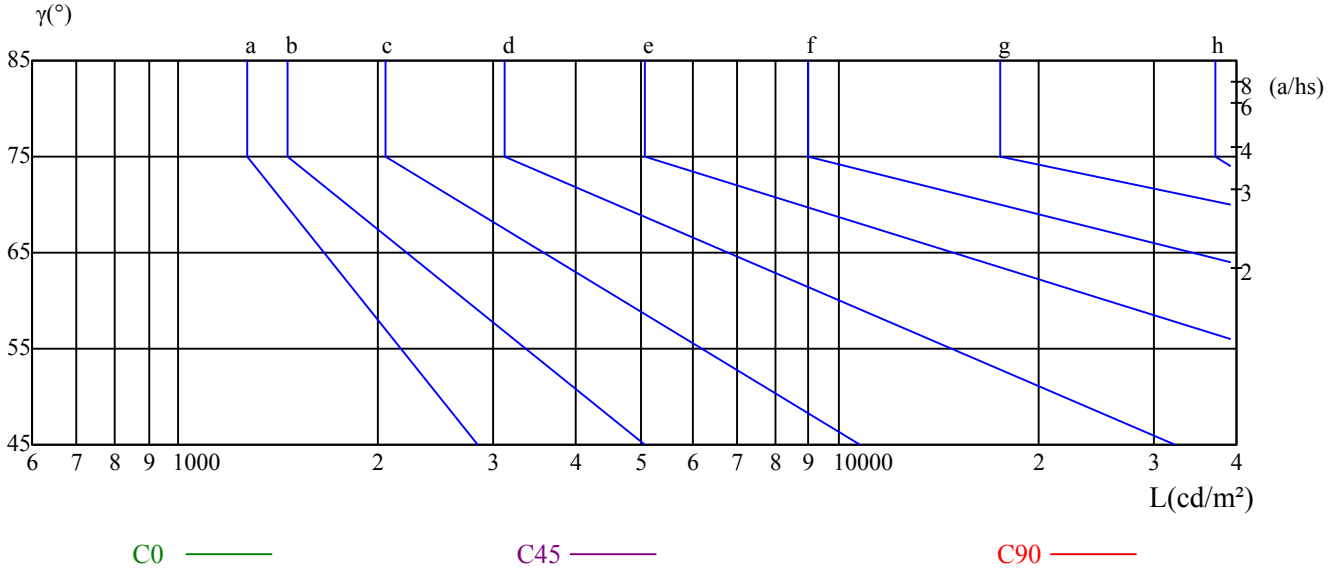
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

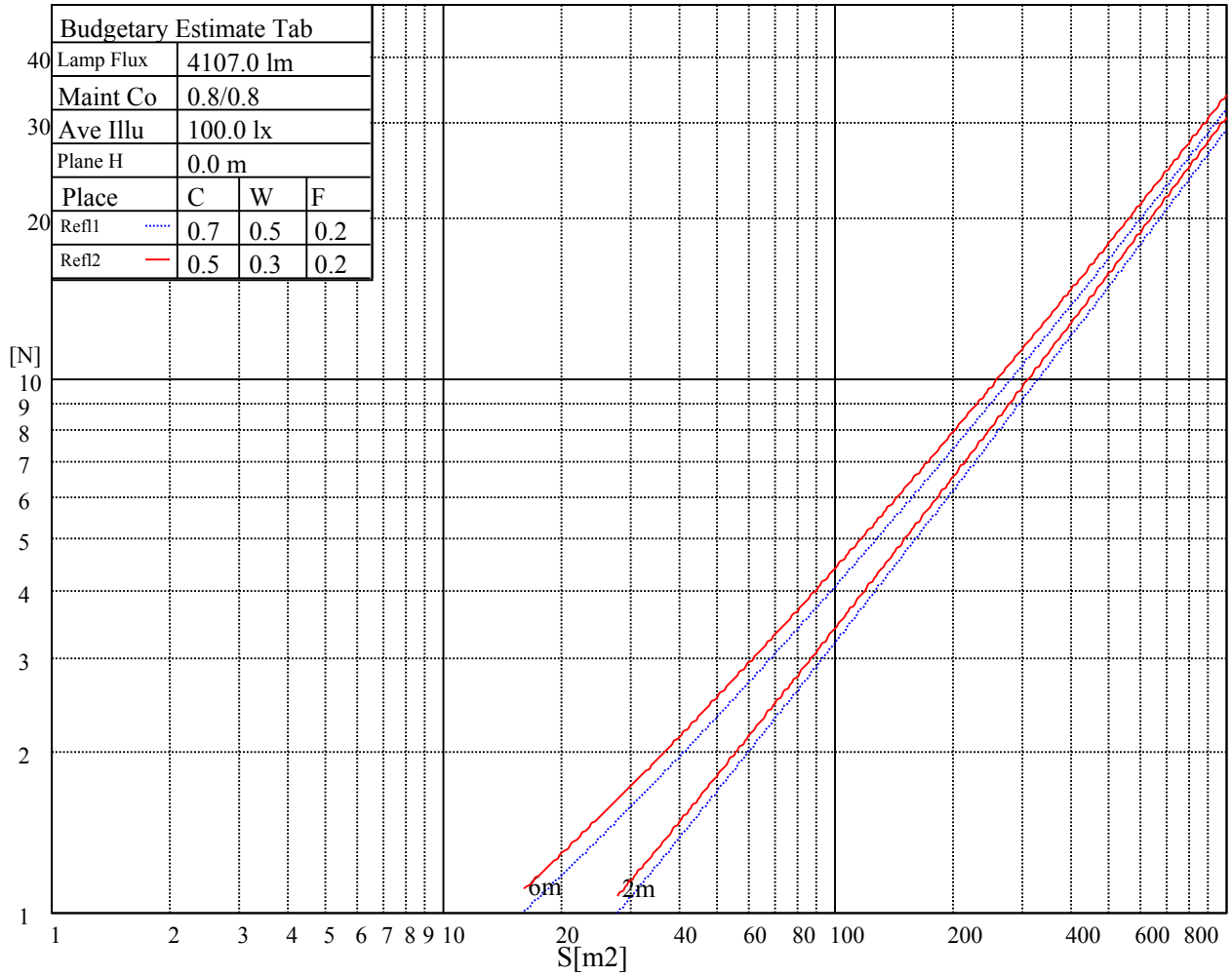
Luminance Limitting Curve



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

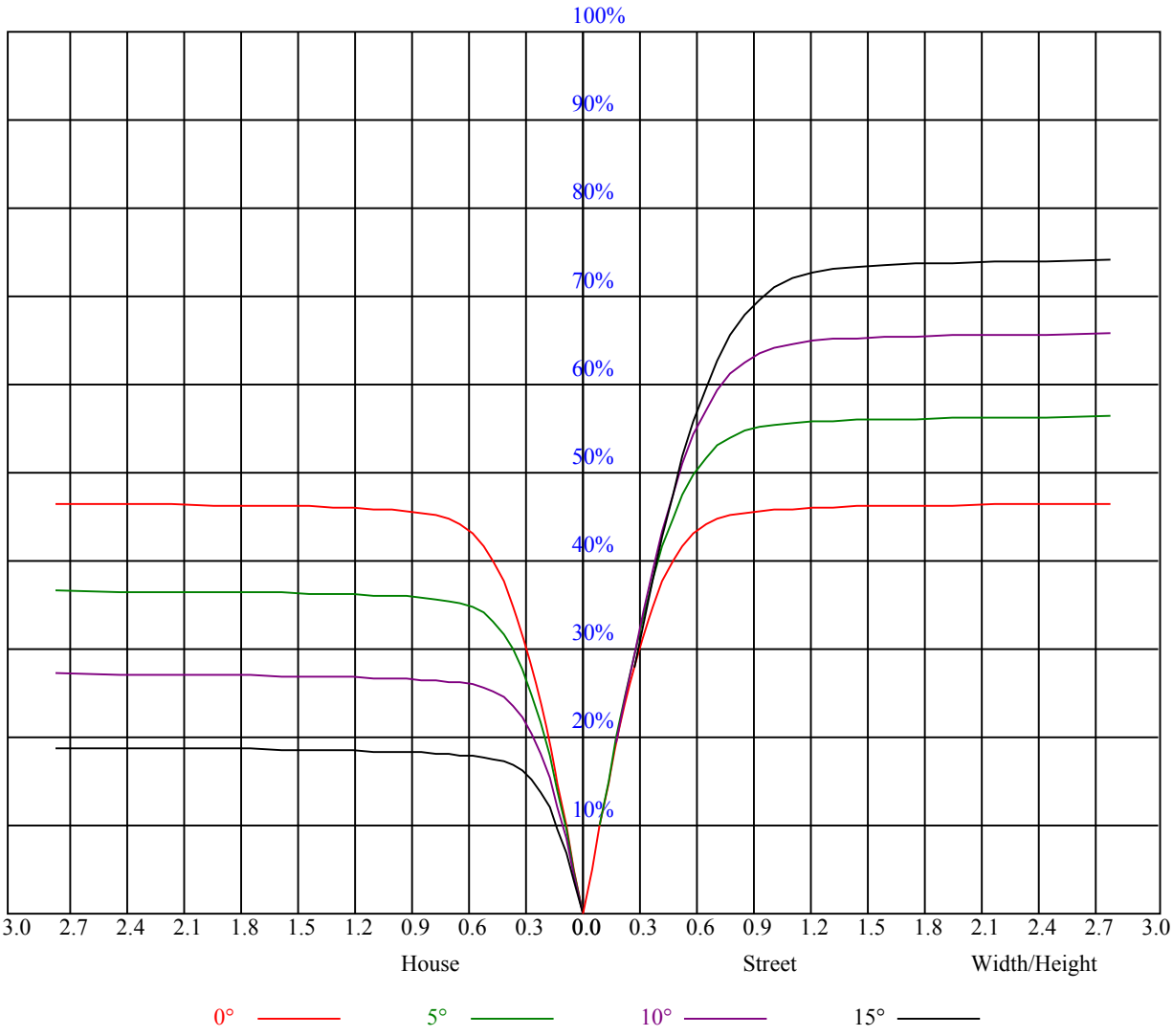


Equipment: GMS1980 Date: 2024/8/13 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

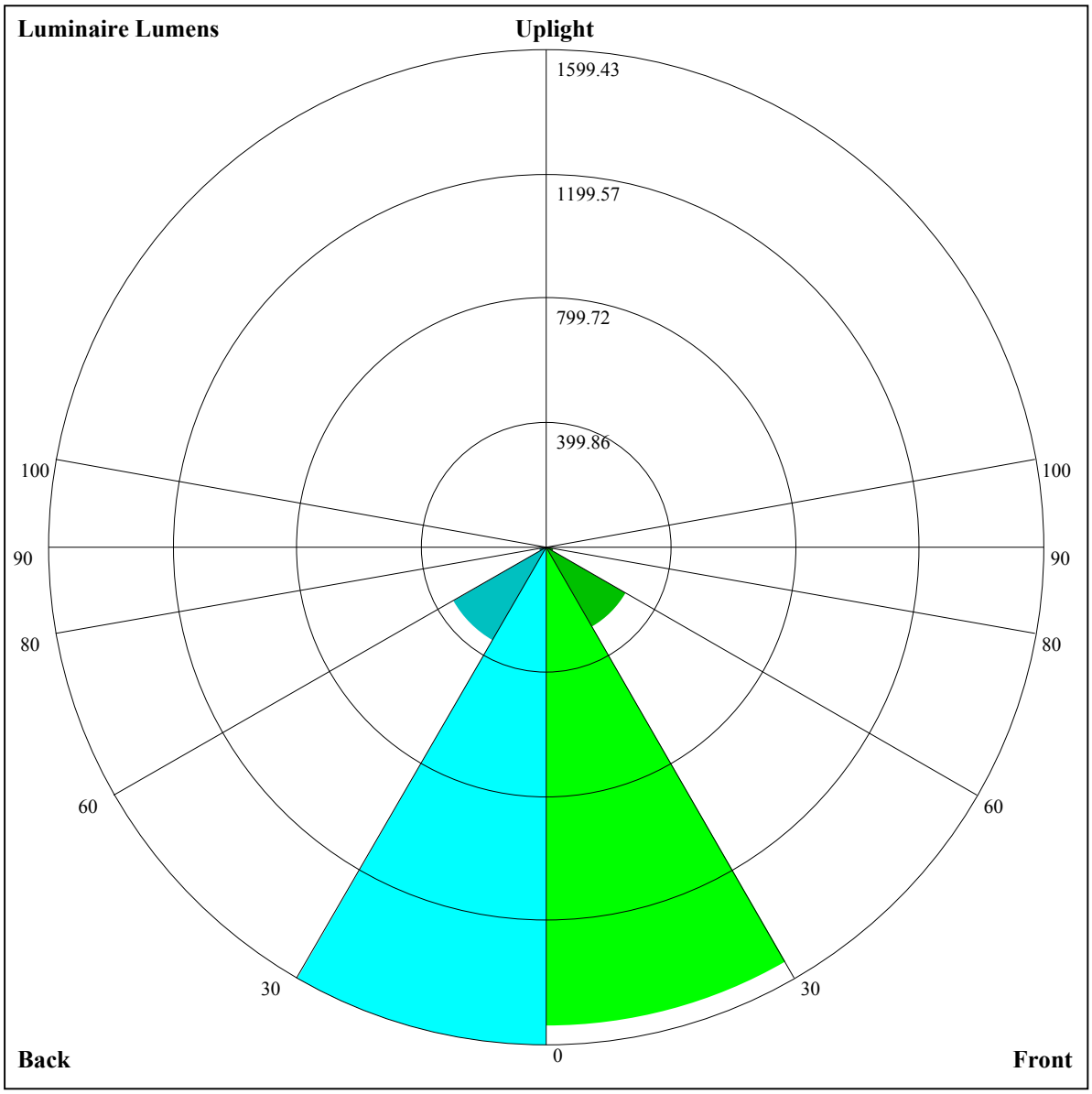
Utilization factor table for indoor luminaire

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	1.12	1.12	1.12	1.09	1.09	1.09	1.04	1.04	1.04	1.00	1.00	1.00	0.96	0.96	0.96	0.94
1	1.04	1.02	1.00	1.02	1.00	0.98	0.98	0.96	0.95	0.95	0.93	0.92	0.91	0.90	0.89	0.88
2	0.97	0.94	0.91	0.96	0.92	0.89	0.93	0.90	0.88	0.90	0.88	0.86	0.87	0.85	0.84	0.82
3	0.91	0.87	0.83	0.90	0.86	0.83	0.88	0.84	0.81	0.85	0.82	0.80	0.83	0.81	0.79	0.77
4	0.86	0.81	0.77	0.85	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.77	0.74	0.73
5	0.81	0.76	0.72	0.80	0.75	0.72	0.79	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.69
6	0.77	0.72	0.68	0.76	0.71	0.68	0.75	0.70	0.67	0.73	0.70	0.67	0.72	0.69	0.66	0.65
7	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.61
8	0.69	0.64	0.60	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.59	0.58
9	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.55
10	0.63	0.58	0.54	0.62	0.57	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.60	0.56	0.54	0.53

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=1537.81,FM=298.97,FH=25.84,FVH=9.69
BL=1599.43,BM=344.96,BH=26.18,BVH=9.8
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	5646.89	5664.45	5666.79	5663.28	5638.12	5615.88	5598.32	5570.82	5487.13
45.0	5643.38	5650.99	5667.38	5649.24	5651.58	5637.53	5616.46	5595.98	5566.72
90.0	5656.26	5667.38	5652.75	5641.04	5639.87	5604.17	5594.81	5573.74	5526.92
135.0	5674.40	5663.87	5656.84	5666.79	5644.55	5628.75	5615.29	5591.30	5567.30
180.0	5646.89	5647.48	5646.31	5669.72	5650.41	5637.53	5639.29	5601.25	5579.59
225.0	5643.38	5663.28	5680.25	5653.33	5656.26	5636.36	5593.05	5581.35	5531.61
270.0	5656.26	5666.21	5678.50	5673.81	5682.59	5686.10	5650.41	5641.04	5613.54
315.0	5674.40	5693.71	5686.10	5694.88	5673.81	5653.33	5618.22	5567.30	5497.66
360.0	5646.89	5664.45	5666.79	5663.28	5638.12	5615.88	5598.32	5570.82	5487.13

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5385.30	5285.23	5174.62	5059.91	4912.44	4771.98	4574.18	4400.95	4221.29
45.0	5519.90	5462.55	5387.64	5284.06	5181.64	5031.82	4889.03	4733.94	4522.09
90.0	5473.08	5407.54	5318.58	5219.68	5080.40	4954.57	4820.56	4659.03	4438.99
135.0	5542.14	5483.62	5412.22	5327.95	5241.33	5145.36	5023.04	4877.91	4728.09
180.0	5550.33	5468.99	5404.61	5318.00	5198.61	5066.94	4927.65	4764.38	4625.68
225.0	5471.91	5390.57	5302.20	5185.15	5071.62	4914.19	4774.32	4619.24	4394.51
270.0	5543.89	5471.33	5388.81	5292.25	5143.60	5017.19	4896.05	4746.23	4532.63
315.0	5415.15	5301.61	5179.88	5061.67	4926.48	4783.10	4574.76	4399.19	4213.68
360.0	5385.30	5285.23	5174.62	5059.91	4912.44	4771.98	4574.18	4400.95	4221.29

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	4010.61	3835.04	3651.86	3463.42	3232.84	3037.38	2840.74	2635.91	2384.27
45.0	4359.98	4197.29	3973.74	3796.41	3607.97	3415.43	3171.39	2965.98	2765.25
90.0	4283.32	4097.22	3908.78	3673.52	3479.81	3276.73	3053.18	2805.63	2600.21
135.0	4574.76	4355.89	4173.30	3950.33	3766.57	3563.49	3344.03	3068.39	2854.20
180.0	4478.20	4262.84	4077.91	3863.71	3696.34	3488.00	3286.10	3028.01	2829.62
225.0	4223.63	4048.65	3834.45	3647.77	3400.80	3214.11	3023.33	2834.30	2637.67
270.0	4355.89	4177.98	3987.78	3763.06	3583.39	3322.97	3147.40	2958.37	2708.48
315.0	3990.12	3815.73	3624.36	3434.74	3208.26	3008.12	2813.82	2619.53	2369.05
360.0	4010.61	3835.04	3651.86	3463.42	3232.84	3037.38	2840.74	2635.91	2384.27

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	2173.00	1956.47	1685.51	1154.53	1154.53	1015.54	859.23	726.26	585.34
45.0	2546.37	2270.15	2050.69	1830.64	1556.76	1338.47	1094.43	925.88	782.50
90.0	2333.35	2112.72	1890.34	1617.62	1141.48	1141.48	1004.25	812.35	683.89
135.0	2641.18	2443.96	2191.14	1985.73	1723.55	1505.26	1291.65	1043.51	876.73
180.0	2636.50	2425.23	2227.42	1978.70	1774.46	1555.00	1294.58	1085.65	882.58
225.0	2375.49	2161.88	1939.49	1717.69	1167.17	1167.17	1023.85	829.32	706.02
270.0	2493.12	2283.61	2079.95	1811.92	1583.09	1361.29	1166.41	938.76	801.82
315.0	2167.15	1948.86	1730.57	1132.23	1132.23	1037.25	835.94	705.72	570.30
360.0	2173.00	1956.47	1685.51	1154.53	1154.53	1015.54	859.23	726.26	585.34

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	490.48	414.16	331.18	275.47	230.40	191.66	153.09	128.87	109.67
45.0	658.44	530.27	446.59	372.85	309.06	295.01	233.04	163.22	135.25
90.0	574.81	483.22	386.48	321.76	267.16	221.80	174.81	144.26	114.12
135.0	735.10	618.06	498.67	417.91	350.02	304.38	304.38	184.17	151.51
180.0	750.90	622.15	501.01	419.66	345.34	300.28	300.28	179.66	146.95
225.0	598.28	485.15	407.67	323.92	267.45	221.45	183.29	150.99	119.27
270.0	683.02	544.90	460.05	367.58	304.38	304.38	240.41	160.47	132.79
315.0	479.83	403.69	337.21	267.74	222.27	183.82	152.22	121.26	102.59
360.0	490.48	414.16	331.18	275.47	230.40	191.66	153.09	128.87	109.67

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	94.46	79.42	70.05	61.21	55.95	51.68	47.64	45.00	42.66
45.0	108.15	92.88	77.95	69.00	62.21	55.77	51.44	48.11	44.71
90.0	95.92	82.46	70.11	63.15	57.70	52.14	48.69	45.82	43.37
135.0	125.36	100.89	86.09	72.33	64.26	58.46	52.49	48.81	46.00
180.0	121.79	98.08	84.16	73.45	63.73	58.00	53.43	48.75	45.65
225.0	100.37	86.15	73.15	65.31	59.40	53.61	49.69	46.53	43.19
270.0	110.37	93.46	77.83	68.88	62.09	55.71	51.50	48.16	45.18
315.0	88.25	74.85	66.83	60.34	53.90	49.92	46.76	43.37	41.20
360.0	94.46	79.42	70.05	61.21	55.95	51.68	47.64	45.00	42.66

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	40.61	38.51	36.99	35.64	34.41	33.01	32.13	31.19	30.20
45.0	42.37	40.26	38.51	36.58	35.23	34.06	33.01	31.78	30.90
90.0	40.61	38.80	37.16	35.76	34.24	33.07	31.89	31.02	30.26
135.0	42.72	40.56	38.68	37.10	35.41	34.24	33.18	32.13	31.02
180.0	43.01	40.32	38.51	36.93	35.52	34.06	33.07	32.13	31.25
225.0	40.97	39.09	36.99	35.58	34.35	33.24	32.01	31.13	30.31
270.0	42.14	40.15	37.92	36.40	35.11	33.59	32.60	31.60	30.72
315.0	39.21	37.16	35.76	34.53	33.36	32.07	31.19	30.31	29.50
360.0	40.61	38.51	36.99	35.64	34.41	33.01	32.13	31.19	30.20

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	29.44	28.79	27.92	27.33	26.57	26.04	25.46	24.93	24.40
45.0	30.08	29.14	28.44	27.74	27.10	26.45	25.93	25.34	24.81
90.0	29.32	28.68	28.03	27.45	26.86	26.16	25.57	25.11	24.46
135.0	30.26	29.55	28.73	28.15	27.39	26.74	26.16	25.69	25.05
180.0	30.26	29.50	28.85	28.09	27.45	26.80	26.22	25.63	25.05
225.0	29.50	28.62	27.97	27.33	26.57	26.04	25.34	24.87	24.35
270.0	29.73	28.97	28.32	27.74	26.98	26.39	25.81	25.34	24.76
315.0	28.62	27.97	27.15	26.57	26.04	25.40	24.93	24.40	23.94
360.0	29.44	28.79	27.92	27.33	26.57	26.04	25.46	24.93	24.40

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	23.82	23.35	22.82	22.36	21.77	21.30	20.78	20.13	19.61
45.0	24.23	23.82	23.23	22.71	22.30	21.83	21.24	20.72	20.13
90.0	23.94	23.47	23.00	22.47	22.06	21.48	20.95	20.42	19.84
135.0	24.58	24.05	23.58	23.06	22.59	22.12	21.71	21.13	20.60
180.0	24.58	24.05	23.58	23.17	22.53	22.06	21.48	21.01	20.48
225.0	23.76	23.29	22.88	22.36	21.95	21.36	20.83	20.31	19.84
270.0	24.23	23.64	23.23	22.77	22.18	21.77	21.30	20.78	20.13
315.0	23.41	22.94	22.41	22.00	21.42	21.01	20.48	19.90	19.43
360.0	23.82	23.35	22.82	22.36	21.77	21.30	20.78	20.13	19.61

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	19.02	18.67	18.26	17.85	17.44	17.15	16.85	16.68	16.39
45.0	19.66	19.20	18.55	18.20	17.73	17.38	17.03	16.80	16.50
90.0	19.37	18.79	18.43	17.97	17.62	17.26	16.97	16.68	16.33
135.0	19.96	19.55	18.90	18.43	18.02	17.62	17.32	17.03	16.74
180.0	20.01	19.43	18.84	18.38	17.97	17.56	17.26	16.91	16.68
225.0	19.31	18.73	18.26	17.91	17.50	17.21	16.91	16.62	16.27
270.0	19.66	19.14	18.61	18.14	17.73	17.32	17.09	16.68	16.39
315.0	18.90	18.49	18.08	17.73	17.32	17.03	16.80	16.39	16.39
360.0	19.02	18.67	18.26	17.85	17.44	17.15	16.85	16.68	16.39

Intensity data(cd)

C/γ(°)	90.0
0.0	16.44
45.0	16.33
90.0	16.39
135.0	16.44
180.0	16.33
225.0	16.27
270.0	16.27
315.0	16.39
360.0	16.44