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NT

Client:
LumCAT: 2-2760-L
Luminaire: 92.70.412.00
Report No: 2024813-B016
Ballast type: AC

Test No: 2024813-C016	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): 3847.18, Efficiency(%): 93.67% , Luminous Efficacy(lm/W): 156.05
Central intensity(cd): 5691.226, Maximum intensity(cd): 5703.003
Angle of maximum intensity: C=0.0 γ=2.0
Beam Angle(50%Imax): [C0/180]Total=49.8
[C90/270]Total=49.8
Field angle(10%Imax): [C0/180]Total=72.8
[C90/270]Total=72.8
Maximum s/h(1/2): C0_180=0.79 C90_270=0.79
Maximum s/h(1/4): C0_180=0.78 C90_270=0.78
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 93.67%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.187%

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

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5691.225	0.000	0	0.00%	0.00%
1.0	5694.883	5.448	5.448	0.13%	0.14%
2.0	5703.003	16.359	21.807	0.40%	0.57%
3.0	5699.784	27.272	49.079	0.66%	1.28%
4.0	5682.374	38.100	87.179	0.93%	2.27%
5.0	5658.087	48.786	135.965	1.19%	3.53%
6.0	5634.532	59.346	195.311	1.44%	5.08%
7.0	5586.470	69.649	264.959	1.70%	6.89%
8.0	5531.898	79.572	344.531	1.94%	8.96%
9.0	5455.307	89.045	433.577	2.17%	11.27%
10.0	5390.785	98.153	531.73	2.39%	13.82%
11.0	5312.146	106.944	638.674	2.60%	16.60%
12.0	5218.364	115.114	753.788	2.80%	19.59%
13.0	5105.635	122.520	876.307	2.98%	22.78%
14.0	4982.372	129.126	1005.433	3.14%	26.13%
15.0	4847.111	134.944	1140.377	3.29%	29.64%
16.0	4678.420	139.576	1279.952	3.40%	33.27%
17.0	4503.511	142.987	1422.94	3.48%	36.99%
18.0	4311.850	145.346	1568.286	3.54%	40.76%
19.0	4100.657	146.360	1714.646	3.56%	44.57%
20.0	3882.149	146.108	1860.754	3.56%	48.37%
21.0	3656.032	144.748	2005.502	3.52%	52.13%
22.0	3443.669	142.671	2148.173	3.47%	55.84%
23.0	3235.621	140.150	2288.323	3.41%	59.48%
24.0	3042.278	137.257	2425.58	3.34%	63.05%
25.0	2831.889	133.566	2559.146	3.25%	66.52%
26.0	2654.639	129.510	2688.656	3.15%	69.89%
27.0	2468.464	125.338	2813.994	3.05%	73.14%
28.0	2264.148	119.820	2933.814	2.92%	76.26%
29.0	2068.390	113.351	3047.165	2.76%	79.21%
30.0	1827.643	105.192	3152.357	2.56%	81.94%
31.0	1550.049	93.996	3246.354	2.29%	84.38%
32.0	1344.671	82.930	3329.284	2.02%	86.54%
33.0	1195.929	74.847	3404.131	1.82%	88.48%
34.0	996.550	66.351	3470.482	1.62%	90.21%
35.0	805.028	55.950	3526.432	1.36%	91.66%
36.0	631.604	45.743	3572.175	1.11%	92.85%
37.0	478.926	36.219	3608.394	0.88%	93.79%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	342.986	27.434	3635.829	0.67%	94.51%
39.0	255.356	20.423	3656.252	0.50%	95.04%
40.0	229.233	16.901	3673.152	0.41%	95.48%
41.0	177.009	14.466	3687.618	0.35%	95.85%
42.0	116.211	10.653	3698.272	0.26%	96.13%
43.0	100.059	8.011	3706.283	0.20%	96.34%
44.0	87.630	7.084	3713.367	0.17%	96.52%
45.0	77.352	6.340	3719.707	0.15%	96.69%
46.0	69.035	5.725	3725.432	0.14%	96.84%
47.0	61.953	5.210	3730.642	0.13%	96.97%
48.0	56.328	4.782	3735.423	0.12%	97.10%
49.0	51.383	4.423	3739.847	0.11%	97.21%
50.0	47.849	4.137	3743.984	0.10%	97.32%
51.0	44.697	3.915	3747.899	0.10%	97.42%
52.0	42.107	3.725	3751.624	0.09%	97.52%
53.0	40.007	3.572	3755.196	0.09%	97.61%
54.0	38.193	3.447	3758.643	0.08%	97.70%
55.0	36.547	3.336	3761.979	0.08%	97.79%
56.0	35.106	3.238	3765.217	0.08%	97.87%
57.0	33.899	3.155	3768.372	0.08%	97.95%
58.0	32.809	3.085	3771.457	0.08%	98.03%
59.0	31.705	3.016	3774.473	0.07%	98.11%
60.0	30.797	2.953	3777.426	0.07%	98.19%
61.0	29.920	2.898	3780.323	0.07%	98.26%
62.0	29.144	2.846	3783.169	0.07%	98.34%
63.0	28.398	2.799	3785.968	0.07%	98.41%
64.0	27.703	2.753	3788.721	0.07%	98.48%
65.0	27.103	2.712	3791.433	0.07%	98.55%
66.0	26.503	2.675	3794.108	0.07%	98.62%
67.0	25.940	2.637	3796.745	0.06%	98.69%
68.0	25.370	2.599	3799.344	0.06%	98.76%
69.0	24.879	2.563	3801.907	0.06%	98.82%
70.0	24.397	2.531	3804.438	0.06%	98.89%
71.0	23.899	2.496	3806.934	0.06%	98.95%
72.0	23.424	2.461	3809.395	0.06%	99.02%
73.0	22.999	2.428	3811.822	0.06%	99.08%
74.0	22.524	2.393	3814.216	0.06%	99.14%
75.0	22.085	2.357	3816.573	0.06%	99.20%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	21.624	2.320	3818.893	0.06%	99.26%
77.0	21.171	2.282	3821.175	0.06%	99.32%
78.0	20.695	2.241	3823.416	0.05%	99.38%
79.0	20.212	2.198	3825.614	0.05%	99.44%
80.0	19.715	2.153	3827.766	0.05%	99.50%
81.0	19.247	2.107	3829.873	0.05%	99.55%
82.0	18.830	2.065	3831.938	0.05%	99.60%
83.0	18.383	2.023	3833.961	0.05%	99.66%
84.0	18.018	1.983	3835.944	0.05%	99.71%
85.0	17.681	1.948	3837.892	0.05%	99.76%
86.0	17.359	1.915	3839.808	0.05%	99.81%
87.0	17.081	1.885	3841.693	0.05%	99.86%
88.0	16.789	1.855	3843.548	0.05%	99.91%
89.0	16.511	1.825	3845.373	0.04%	99.95%
90.0	16.408	1.805	3847.178	0.04%	100.00%

Zonal flux distribution table

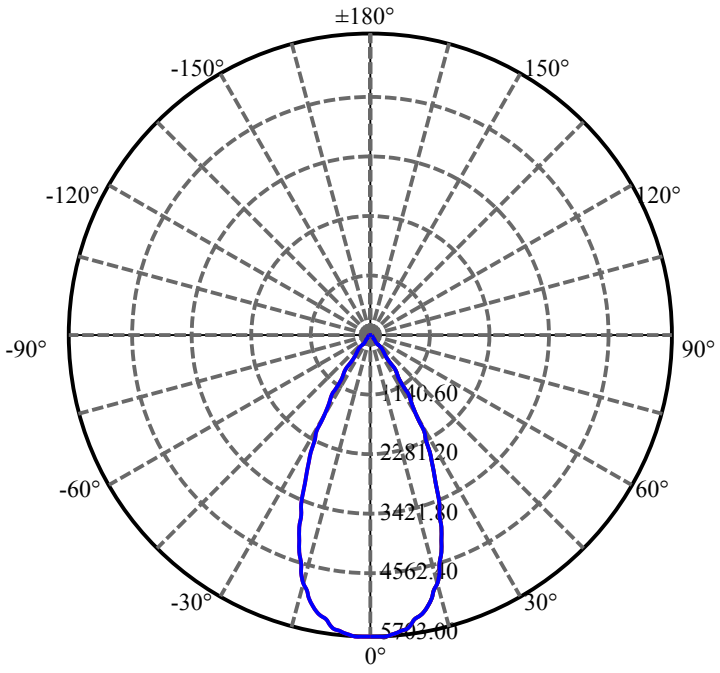
ZONAL LUMEN SUMMARY

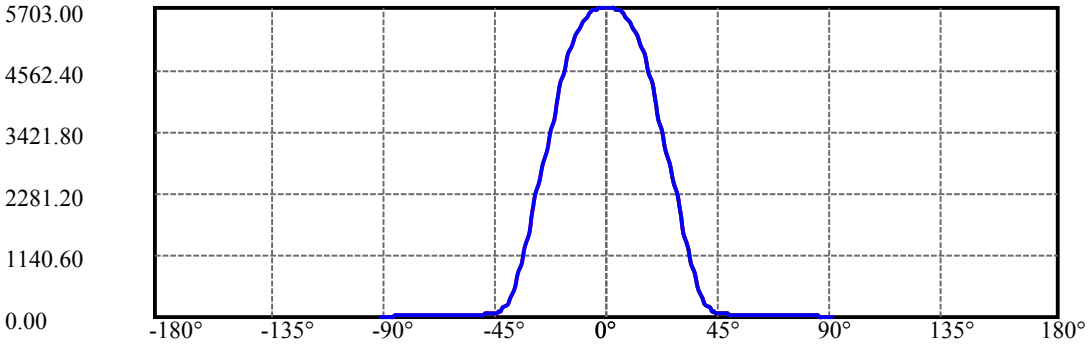
Zone	Lumens	%Lamp	%Fixt
0-30	3152.36	76.76%	81.94%
0-40	3673.15	89.44%	95.48%
0-60	3777.43	91.98%	98.19%
0-90	3845.37	93.63%	99.95%
0-120	3845.37	93.63%	99.95%
0-180	3847.18	93.67%	100.00%
60-90	67.95	1.65%	1.77%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-29.29	3077.74	74.94%	80.00%

ZONAL LUMEN SUMMARY

0-10	531.73
10-20	1329.02
20-30	1291.60
30-40	520.79
40-50	70.83
50-60	33.44
60-70	27.01
70-80	23.33
80-90	17.61
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):

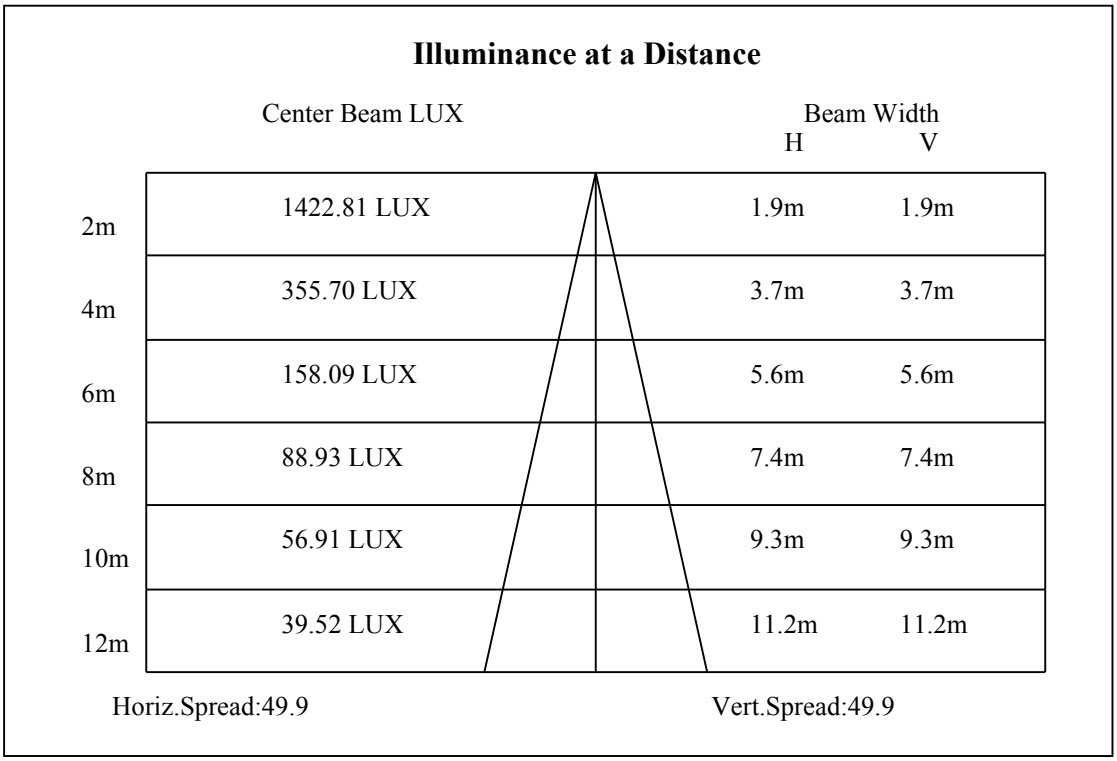
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:38.4 Right:34.4
:C90/270Left:38.4 Right:34.4

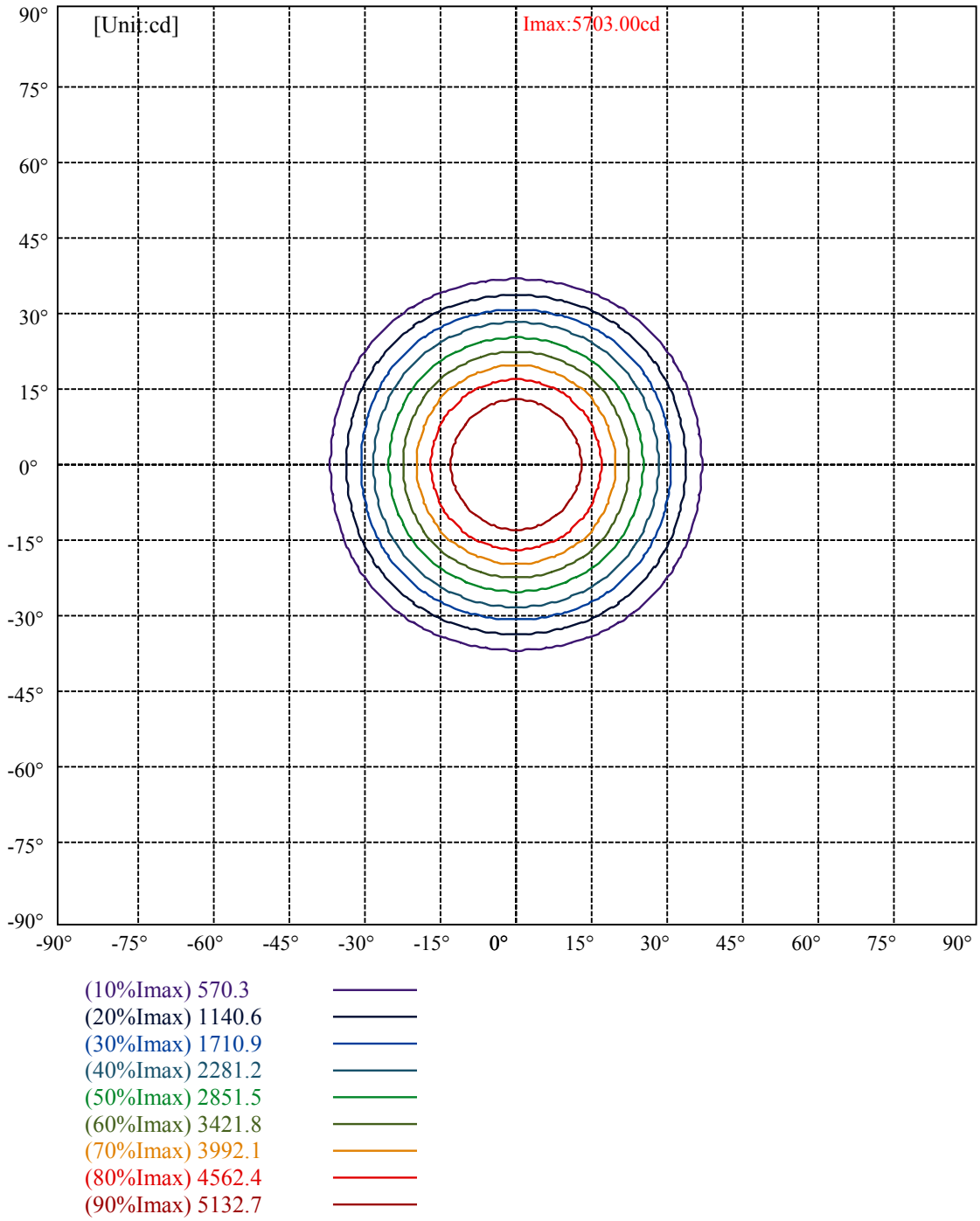
Beam Angle(50%Imax):C0/180Left:26.9 Right:22.9
:C90/270Left:26.9 Right:22.9

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)



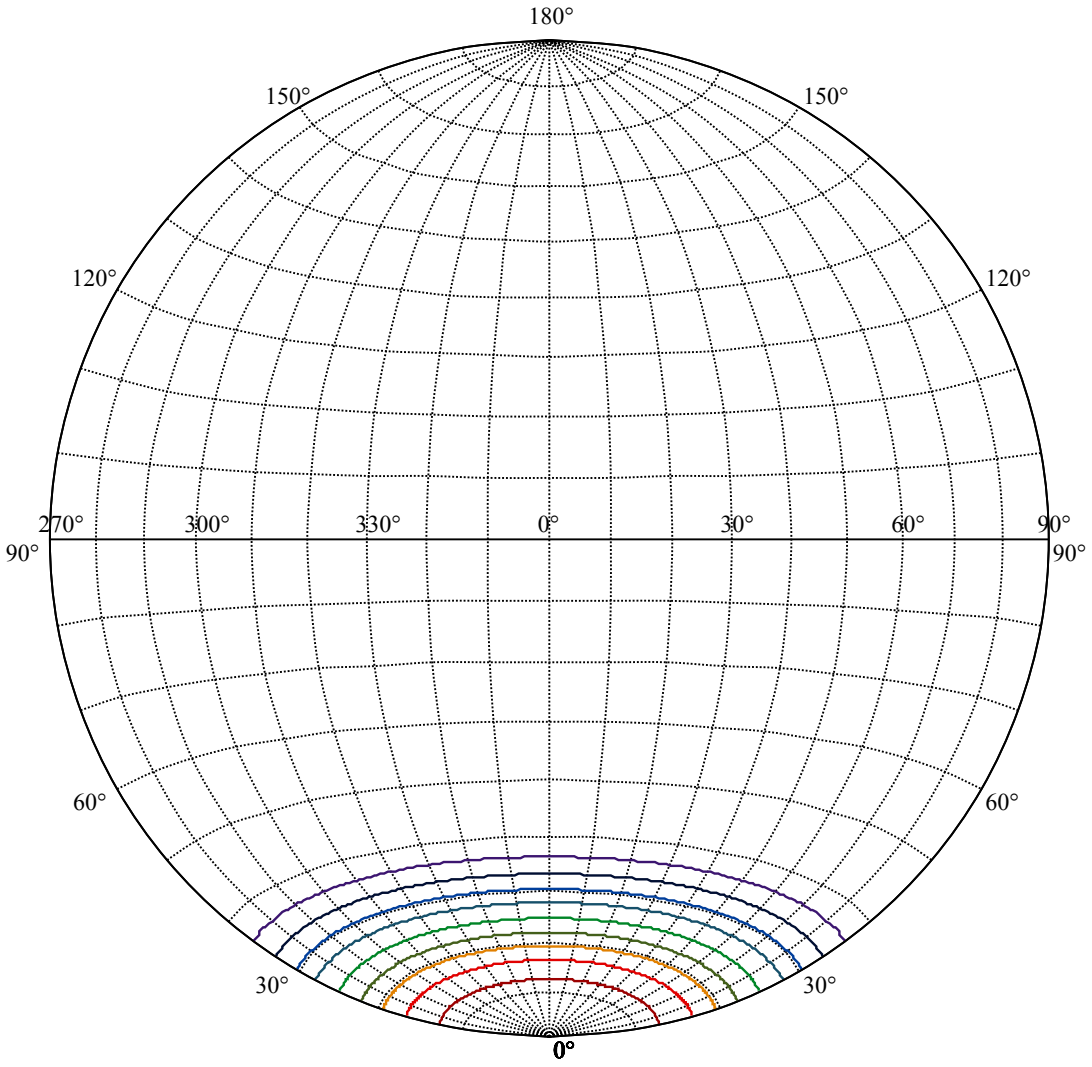
(10%Imax) 570.3
(20%Imax) 1140.6
(30%Imax) 1710.9
(40%Imax) 2281.2
(50%Imax) 2851.5
(60%Imax) 3421.8
(70%Imax) 3992.1
(80%Imax) 4562.4
(90%Imax) 5132.7

Equipment: GMS1980
Temperature(°C): 25.0

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

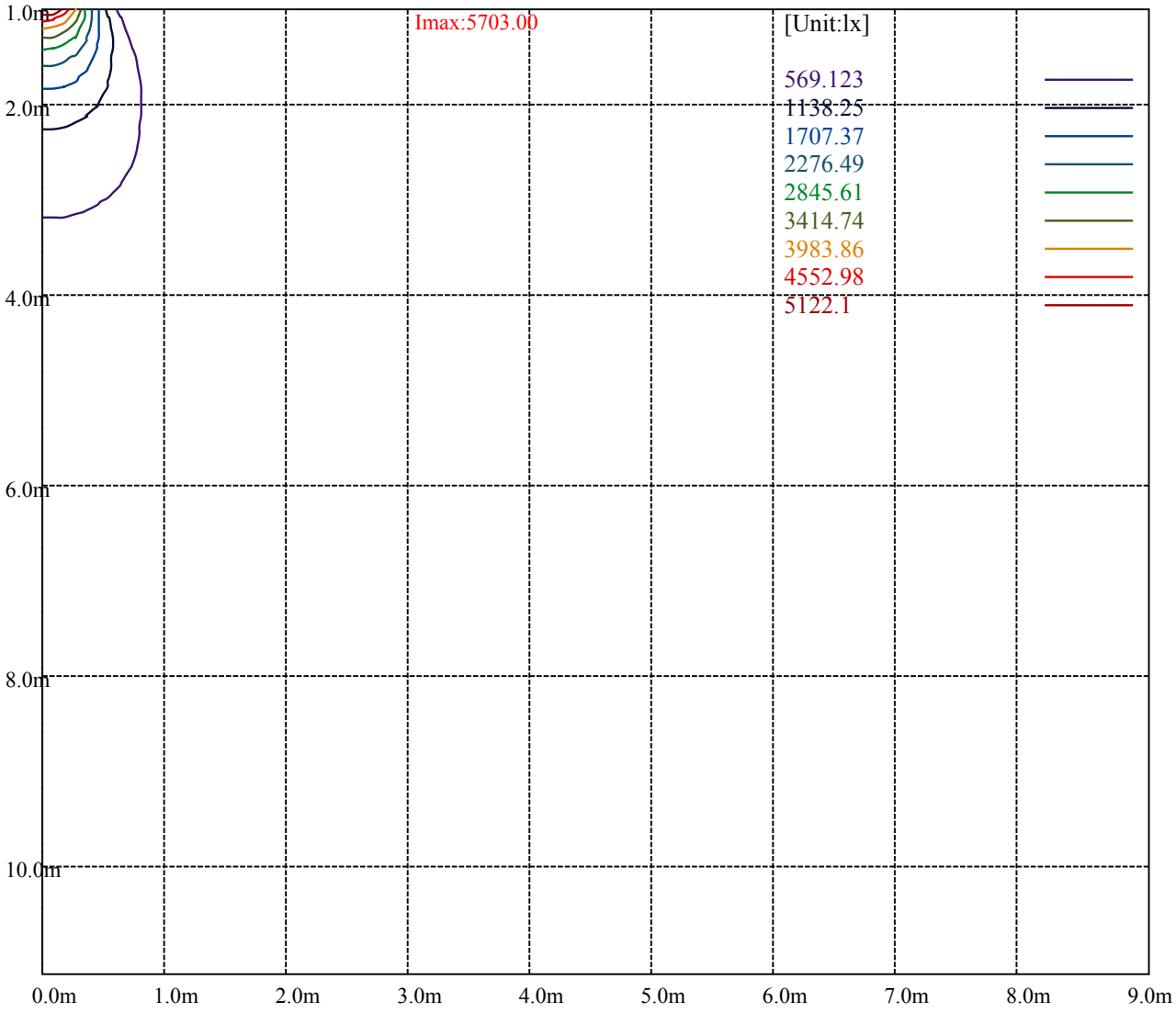
Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



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 2-2760-L

Luminance Limitting Curve(no luminous side)

Luminance Table

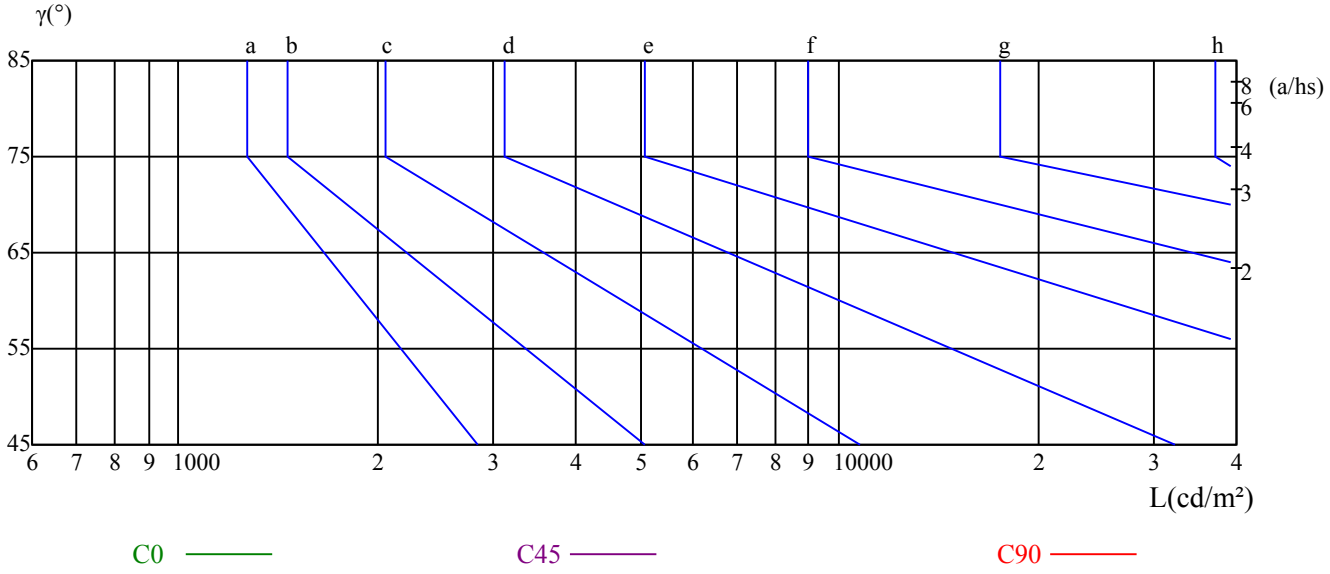
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

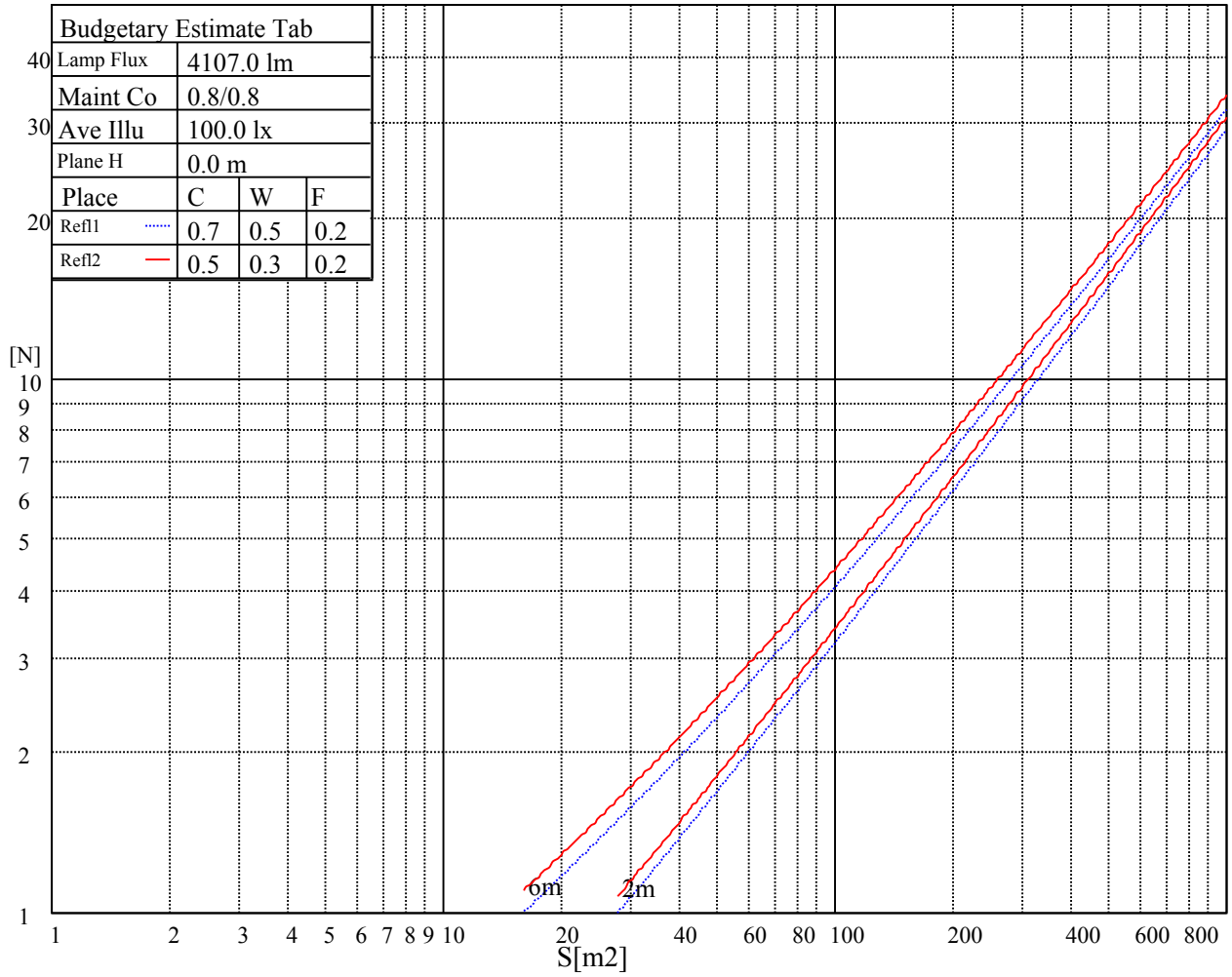
Luminance Limitting Curve



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

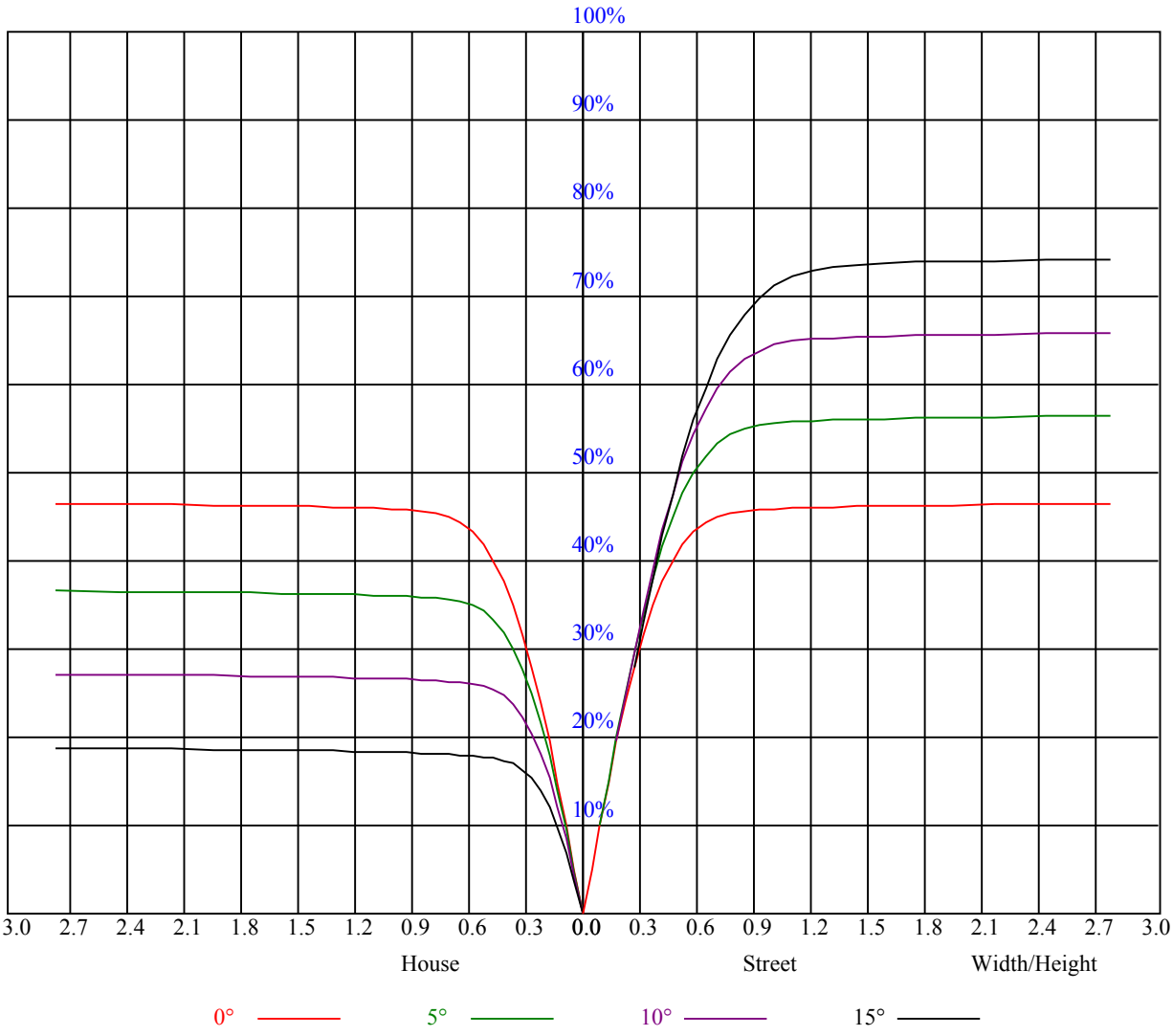


Equipment: GMS1980 Date: 2024/8/13 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

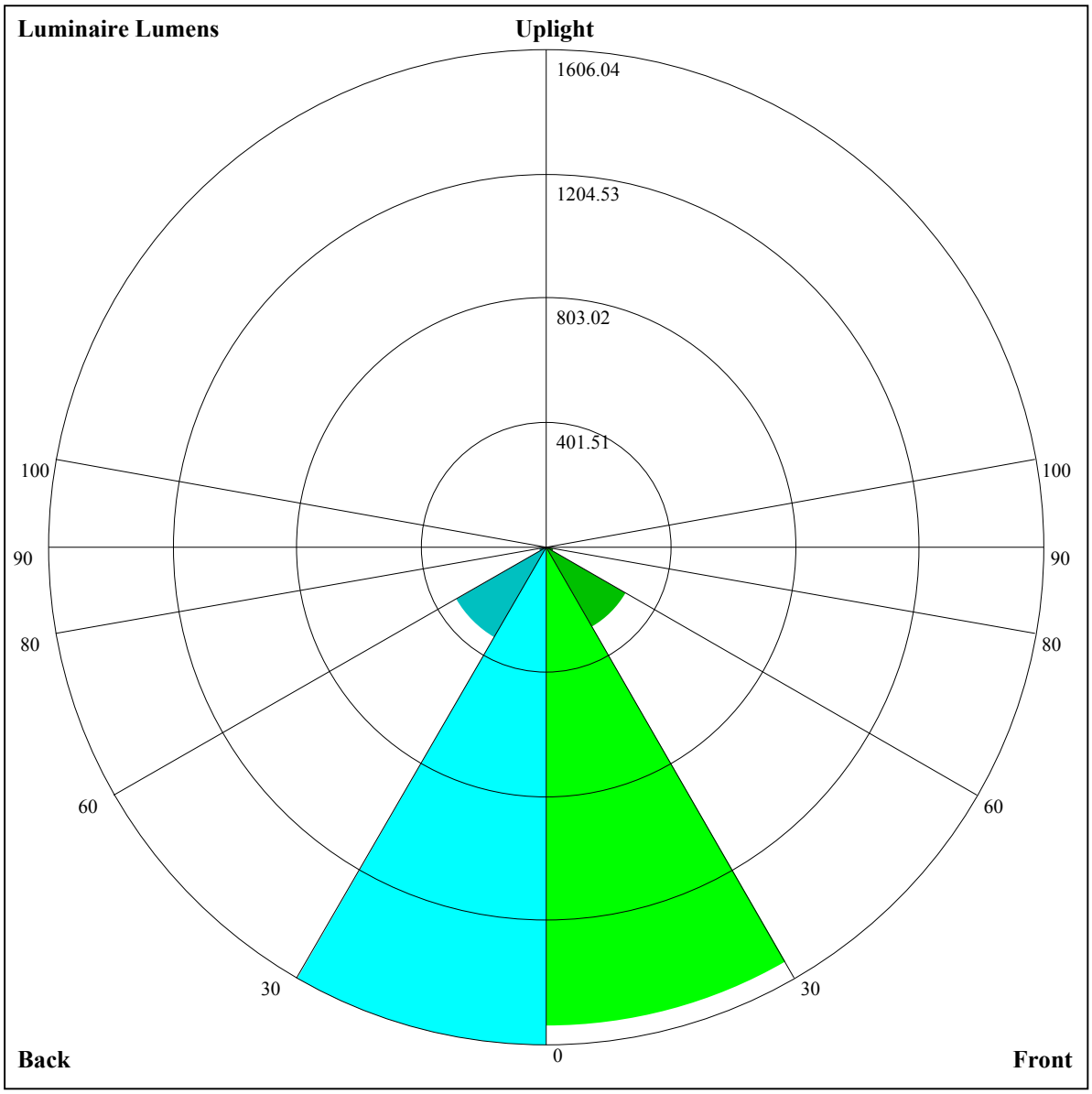
Utilization factor table for indoor luminaire

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	0.90	0.93	0.90	0.88	0.90	0.88	0.86	0.87	0.86	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	0.83	0.80	0.83	0.81	0.79	0.78
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	0.76	0.72	0.79	0.75	0.71	0.77	0.74	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	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.62
8	0.69	0.64	0.61	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.58
9	0.66	0.61	0.57	0.65	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.56
10	0.63	0.58	0.54	0.62	0.58	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.60	0.57	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=1543.82,FM=297.45,FH=25.05,FVH=9.68
BL=1606.04,BM=339.2,BH=25.26,BVH=9.76
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	5699.56	5692.54	5690.20	5682.01	5669.72	5617.05	5563.21	5497.66	5434.46
45.0	5686.10	5687.86	5692.54	5694.88	5674.99	5656.84	5640.46	5593.05	5550.92
90.0	5684.93	5700.15	5708.34	5695.47	5683.18	5649.82	5616.46	5560.87	5520.49
135.0	5694.30	5689.62	5692.54	5702.49	5671.47	5644.55	5642.80	5626.41	5562.62
180.0	5699.56	5688.45	5701.91	5702.49	5669.13	5657.43	5645.72	5629.92	5591.30
225.0	5686.10	5697.22	5718.88	5710.68	5687.86	5671.47	5653.92	5579.59	5525.17
270.0	5684.93	5690.79	5710.68	5707.76	5707.76	5703.08	5689.62	5662.11	5603.59
315.0	5694.30	5712.44	5708.93	5702.49	5694.88	5664.45	5624.07	5542.14	5466.65
360.0	5699.56	5692.54	5690.20	5682.01	5669.72	5617.05	5563.21	5497.66	5434.46

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5322.09	5248.94	5143.02	5043.53	4890.78	4763.79	4615.73	4419.09	4226.55
45.0	5492.98	5425.09	5347.84	5275.28	5139.50	5028.31	4918.29	4722.82	4561.30
90.0	5444.41	5389.98	5308.63	5200.95	5103.22	4991.44	4834.02	4682.44	4511.56
135.0	5499.42	5466.06	5405.20	5346.09	5274.69	5181.06	5044.11	4923.56	4753.84
180.0	5511.12	5460.79	5418.66	5327.36	5226.70	5120.78	4989.69	4870.89	4717.56
225.0	5470.74	5386.47	5301.03	5199.20	5096.78	4945.79	4808.27	4659.62	4478.79
270.0	5547.99	5478.93	5406.95	5289.91	5174.62	5045.87	4921.80	4729.85	4558.38
315.0	5353.70	5270.01	5165.84	5064.60	4938.77	4781.93	4644.99	4419.09	4220.12
360.0	5322.09	5248.94	5143.02	5043.53	4890.78	4763.79	4615.73	4419.09	4226.55

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	4034.01	3782.95	3581.64	3344.62	3143.30	2971.83	2808.55	2593.19	2423.48
45.0	4388.08	4196.71	3946.82	3748.42	3550.62	3364.52	3120.48	2941.98	2764.08
90.0	4329.55	4092.54	3887.71	3671.17	3462.25	3202.99	3004.60	2776.37	2603.14
135.0	4584.13	4405.05	4208.41	3947.99	3715.65	3493.85	3280.83	3030.35	2847.76
180.0	4504.54	4313.17	4103.66	3849.67	3653.03	3440.01	3228.16	2992.31	2809.72
225.0	4244.70	4046.89	3846.16	3600.36	3404.31	3175.49	2999.34	2830.79	2661.66
270.0	4397.44	4205.49	3925.75	3730.28	3498.53	3286.68	3118.14	2882.88	2723.11
315.0	4012.36	3762.47	3557.06	3355.74	3121.65	2949.59	2778.12	2607.24	2404.16
360.0	4034.01	3782.95	3581.64	3344.62	3143.30	2971.83	2808.55	2593.19	2423.48

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	2243.81	2046.59	1850.54	1598.89	1150.79	1150.79	966.50	796.08	594.06
45.0	2537.59	2356.17	2158.95	1900.87	1701.31	1441.47	1240.74	1047.61	863.27
90.0	2433.42	2190.56	2003.87	1801.97	1387.63	1147.04	1147.04	952.40	720.70
135.0	2666.93	2442.79	2271.90	2079.95	1837.67	1642.79	1450.25	1212.06	1024.20
180.0	2634.16	2448.64	2215.14	2013.82	1811.33	1569.63	1378.85	1141.25	964.51
225.0	2450.98	2266.05	2062.98	1858.15	1601.82	1146.87	1146.87	957.31	778.70
270.0	2555.15	2338.62	2151.35	1954.12	1743.44	1492.38	1295.75	1093.26	918.28
315.0	2225.67	2023.77	1832.40	1413.38	1166.41	1166.41	941.45	772.44	576.51
360.0	2243.81	2046.59	1850.54	1598.89	1150.79	1150.79	966.50	796.08	594.06

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	452.61	333.34	221.74	175.98	148.59	126.00	105.05	93.64	83.92
45.0	649.66	496.33	364.07	307.30	307.30	148.71	125.06	106.45	91.41
90.0	555.09	412.88	297.82	195.29	154.97	128.87	103.82	90.59	80.88
135.0	842.78	667.22	471.16	338.32	309.06	309.06	129.10	109.73	94.63
180.0	795.96	633.86	450.10	332.47	306.72	306.72	136.24	115.87	100.31
225.0	613.14	427.92	303.50	210.97	153.09	127.29	108.09	93.40	80.59
270.0	705.25	538.47	403.86	313.15	313.15	149.64	119.03	101.48	89.31
315.0	438.33	321.41	231.63	169.36	140.98	119.80	103.29	89.31	80.00
360.0	452.61	333.34	221.74	175.98	148.59	126.00	105.05	93.64	83.92

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	75.61	66.54	60.63	55.95	51.15	47.93	45.24	42.37	40.44
45.0	81.40	73.09	64.32	58.58	52.85	49.04	46.06	43.42	40.85
90.0	70.52	63.26	57.59	51.79	48.16	45.06	42.66	40.09	38.33
135.0	81.81	73.86	64.90	58.99	54.07	49.92	45.82	43.31	41.26
180.0	88.37	76.49	68.82	62.21	55.77	51.44	47.11	44.24	41.90
225.0	71.98	64.84	58.82	52.61	48.81	45.59	42.37	40.26	38.45
270.0	77.13	69.00	62.38	56.88	51.15	47.70	44.71	42.25	39.68
315.0	71.98	65.19	58.17	53.61	49.10	46.12	43.60	40.91	39.15
360.0	75.61	66.54	60.63	55.95	51.15	47.93	45.24	42.37	40.44

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	38.27	36.81	35.46	34.18	33.07	31.84	30.90	30.08	29.32
45.0	38.98	37.40	35.99	34.47	33.36	32.36	31.13	30.31	29.50
90.0	36.81	35.41	33.88	32.83	31.89	30.78	30.02	29.09	28.50
135.0	39.50	37.51	36.11	34.88	33.77	32.48	31.60	30.55	29.73
180.0	39.91	37.75	36.28	34.94	33.71	32.48	31.49	30.67	29.67
225.0	36.58	35.23	33.77	32.77	31.84	30.96	30.14	29.20	28.56
270.0	37.98	36.52	34.88	33.77	32.54	31.60	30.78	29.96	29.09
315.0	37.51	35.76	34.47	33.36	32.30	31.13	30.31	29.50	28.79
360.0	38.27	36.81	35.46	34.18	33.07	31.84	30.90	30.08	29.32

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	28.44	27.74	27.10	26.39	25.87	25.16	24.70	24.17	23.64
45.0	28.62	27.97	27.33	26.69	26.10	25.57	25.11	24.46	24.05
90.0	27.86	27.10	26.63	26.10	25.57	25.05	24.58	24.11	23.64
135.0	29.03	28.32	27.68	27.21	26.51	25.98	25.46	25.05	24.52
180.0	28.97	28.27	27.51	26.98	26.39	25.69	25.22	24.76	24.17
225.0	27.92	27.15	26.63	26.10	25.57	25.05	24.58	24.17	23.58
270.0	28.38	27.74	27.21	26.51	25.98	25.52	24.93	24.46	23.99
315.0	27.97	27.33	26.74	26.04	25.52	24.93	24.46	23.99	23.58
360.0	28.44	27.74	27.10	26.39	25.87	25.16	24.70	24.17	23.64

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	23.17	22.77	22.30	21.83	21.30	20.89	20.42	19.90	19.37
45.0	23.58	23.23	22.65	22.24	21.83	21.24	20.83	20.31	19.84
90.0	23.17	22.77	22.36	21.89	21.48	21.01	20.48	20.01	19.55
135.0	24.05	23.58	23.17	22.65	22.24	21.83	21.30	20.89	20.25
180.0	23.76	23.35	22.88	22.36	21.95	21.54	21.07	20.54	20.07
225.0	23.17	22.65	22.18	21.89	21.36	20.83	20.42	19.96	19.55
270.0	23.47	23.06	22.53	22.12	21.71	21.30	20.78	20.31	19.84
315.0	23.00	22.59	22.12	21.71	21.13	20.72	20.25	19.78	19.25
360.0	23.17	22.77	22.30	21.83	21.30	20.89	20.42	19.90	19.37

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	19.02	18.55	18.14	17.85	17.50	17.21	16.85	16.68	16.44
45.0	19.37	18.90	18.43	18.08	17.73	17.44	17.15	16.85	16.56
90.0	19.02	18.73	18.26	17.85	17.62	17.32	17.09	16.74	16.39
135.0	19.72	19.31	18.84	18.43	18.02	17.73	17.44	17.09	16.85
180.0	19.49	19.14	18.61	18.20	17.85	17.50	17.26	16.97	16.68
225.0	19.02	18.61	18.14	17.85	17.56	17.21	16.91	16.62	16.33
270.0	19.43	18.96	18.55	18.08	17.73	17.38	17.09	16.80	16.44
315.0	18.90	18.43	18.08	17.79	17.44	17.09	16.85	16.56	16.39
360.0	19.02	18.55	18.14	17.85	17.50	17.21	16.85	16.68	16.44

Intensity data(cd)

C/γ(°)	90.0
0.0	16.44
45.0	16.39
90.0	16.50
135.0	16.50
180.0	16.39
225.0	16.33
270.0	16.33
315.0	16.39
360.0	16.44