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NT

Client:
LumCAT: 2-2684-L
Luminaire: 92.70.412.00
Report No: 2024305-B014
Ballast type: AC

Test No: 2024305-C014	Voltage(V): 34.240
LampCAT: TRIDONIC SLE G7 15MM	Current(A): 0.532
Lamp flux(lm): 3287.0	Power (W): 18.215
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2816.41, Efficiency(%): 85.68% , Luminous Efficacy(lm/W): 154.62
Central intensity(cd): 6401.396, Maximum intensity(cd): 6401.396
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=35.6
[C90/270]Total=35.6
Field angle(10%Imax): [C0/180]Total=65.8
[C90/270]Total=65.8
Maximum s/h(1/2): C0_180=0.58 C90_270=0.58
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(%): 85.68%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.088%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6401.396	0.000	0	0.00%	0.00%
1.0	6388.155	6.120	6.12	0.19%	0.22%
2.0	6343.239	18.273	24.393	0.56%	0.87%
3.0	6276.816	30.183	54.576	0.92%	1.94%
4.0	6185.740	41.716	96.292	1.27%	3.42%
5.0	6069.646	52.722	149.014	1.60%	5.29%
6.0	5927.364	63.047	212.062	1.92%	7.53%
7.0	5773.742	72.629	284.69	2.21%	10.11%
8.0	5592.469	81.346	366.036	2.47%	13.00%
9.0	5378.203	88.911	454.947	2.70%	16.15%
10.0	5152.014	95.295	550.242	2.90%	19.54%
11.0	4933.213	100.772	651.014	3.07%	23.12%
12.0	4682.224	105.111	756.124	3.20%	26.85%
13.0	4409.656	107.898	864.022	3.28%	30.68%
14.0	4172.347	109.849	973.871	3.34%	34.58%
15.0	3928.381	111.210	1085.081	3.38%	38.53%
16.0	3645.498	110.979	1196.06	3.38%	42.47%
17.0	3417.699	109.993	1306.053	3.35%	46.37%
18.0	3154.933	108.368	1414.421	3.30%	50.22%
19.0	2921.794	105.723	1520.144	3.22%	53.97%
20.0	2683.315	102.589	1622.733	3.12%	57.62%
21.0	2452.224	98.613	1721.346	3.00%	61.12%
22.0	2236.276	94.217	1815.563	2.87%	64.46%
23.0	2021.133	89.332	1904.895	2.72%	67.64%
24.0	1849.516	84.626	1989.522	2.57%	70.64%
25.0	1657.269	79.737	2069.258	2.43%	73.47%
26.0	1505.842	74.666	2143.924	2.27%	76.12%
27.0	1356.632	70.031	2213.955	2.13%	78.61%
28.0	1241.891	65.789	2279.744	2.00%	80.95%
29.0	1141.218	62.349	2342.093	1.90%	83.16%
30.0	1011.766	58.130	2400.223	1.77%	85.22%
31.0	881.846	52.697	2452.919	1.60%	87.09%
32.0	747.281	46.673	2499.592	1.42%	88.75%
33.0	627.822	40.511	2540.103	1.23%	90.19%
34.0	519.285	34.715	2574.818	1.06%	91.42%
35.0	408.216	28.805	2603.623	0.88%	92.44%
36.0	318.487	23.138	2626.761	0.70%	93.27%
37.0	254.836	18.699	2645.46	0.57%	93.93%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	199.072	15.151	2660.61	0.46%	94.47%
39.0	144.536	11.728	2672.339	0.36%	94.88%
40.0	97.381	8.437	2680.776	0.26%	95.18%
41.0	83.658	6.447	2687.223	0.20%	95.41%
42.0	74.784	5.756	2692.979	0.18%	95.62%
43.0	69.283	5.337	2698.316	0.16%	95.81%
44.0	64.506	5.050	2703.365	0.15%	95.99%
45.0	60.666	4.811	2708.176	0.15%	96.16%
46.0	57.374	4.616	2712.792	0.14%	96.32%
47.0	54.455	4.448	2717.24	0.14%	96.48%
48.0	51.763	4.294	2721.534	0.13%	96.63%
49.0	49.035	4.139	2725.673	0.13%	96.78%
50.0	46.840	3.997	2729.671	0.12%	96.92%
51.0	44.587	3.868	2733.539	0.12%	97.06%
52.0	42.348	3.730	2737.269	0.11%	97.19%
53.0	40.249	3.593	2740.862	0.11%	97.32%
54.0	38.318	3.463	2744.325	0.11%	97.44%
55.0	36.525	3.341	2747.666	0.10%	97.56%
56.0	34.645	3.216	2750.882	0.10%	97.67%
57.0	33.051	3.095	2753.977	0.09%	97.78%
58.0	31.302	2.976	2756.953	0.09%	97.89%
59.0	29.854	2.859	2759.812	0.09%	97.99%
60.0	28.391	2.752	2762.564	0.08%	98.09%
61.0	27.103	2.648	2765.212	0.08%	98.18%
62.0	25.911	2.555	2767.767	0.08%	98.27%
63.0	24.696	2.461	2770.228	0.07%	98.36%
64.0	23.687	2.374	2772.602	0.07%	98.44%
65.0	22.685	2.295	2774.897	0.07%	98.53%
66.0	21.748	2.217	2777.114	0.07%	98.60%
67.0	20.907	2.145	2779.259	0.07%	98.68%
68.0	20.088	2.077	2781.335	0.06%	98.75%
69.0	19.415	2.015	2783.351	0.06%	98.83%
70.0	18.742	1.960	2785.31	0.06%	98.90%
71.0	18.091	1.904	2787.214	0.06%	98.96%
72.0	17.549	1.853	2789.067	0.06%	99.03%
73.0	17.045	1.809	2790.876	0.06%	99.09%
74.0	16.562	1.767	2792.643	0.05%	99.16%
75.0	16.064	1.724	2794.367	0.05%	99.22%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	15.684	1.685	2796.052	0.05%	99.28%
77.0	15.318	1.653	2797.705	0.05%	99.34%
78.0	14.945	1.620	2799.325	0.05%	99.39%
79.0	14.579	1.586	2800.911	0.05%	99.45%
80.0	14.250	1.554	2802.466	0.05%	99.50%
81.0	13.965	1.526	2803.992	0.05%	99.56%
82.0	13.606	1.495	2805.487	0.05%	99.61%
83.0	13.241	1.459	2806.946	0.04%	99.66%
84.0	12.912	1.425	2808.371	0.04%	99.71%
85.0	12.604	1.393	2809.763	0.04%	99.76%
86.0	12.363	1.365	2811.128	0.04%	99.81%
87.0	12.158	1.342	2812.47	0.04%	99.86%
88.0	11.997	1.323	2813.793	0.04%	99.91%
89.0	11.924	1.311	2815.104	0.04%	99.95%
90.0	11.851	1.304	2816.408	0.04%	100.00%

Zonal flux distribution table

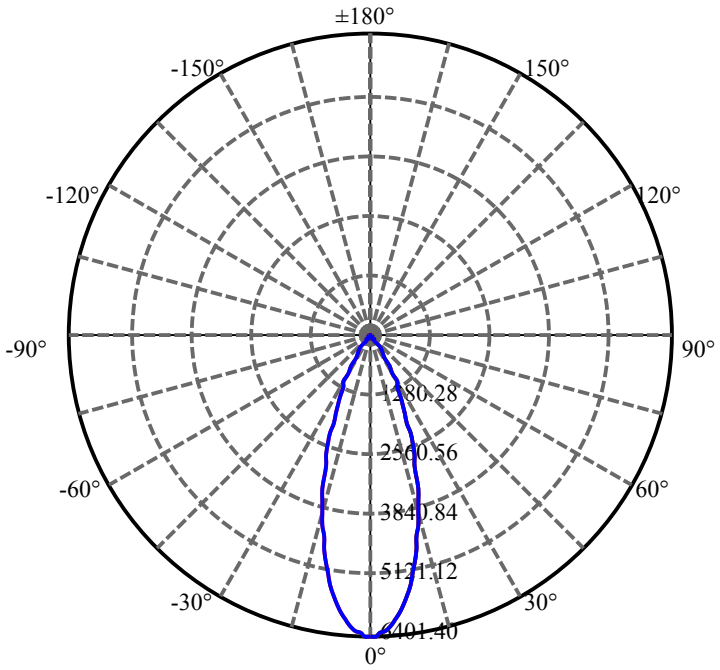
ZONAL LUMEN SUMMARY

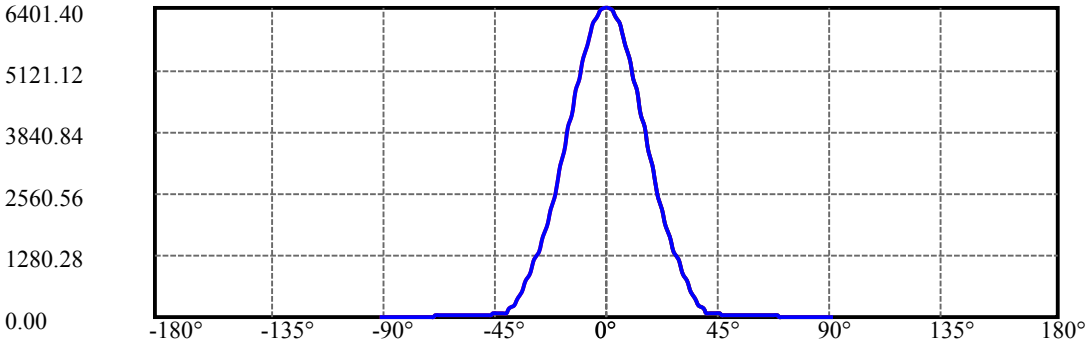
Zone	Lumens	%Lamp	%Fixt
0-30	2400.22	73.02%	85.22%
0-40	2680.78	81.56%	95.18%
0-60	2762.56	84.05%	98.09%
0-90	2815.10	85.64%	99.95%
0-120	2815.10	85.64%	99.95%
0-180	2816.41	85.68%	100.00%
60-90	52.54	1.60%	1.87%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.60	2253.13	68.55%	80.00%

ZONAL LUMEN SUMMARY

0-10	550.24
10-20	1072.49
20-30	777.49
30-40	280.55
40-50	48.89
50-60	32.89
60-70	22.75
70-80	17.16
80-90	12.64
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):

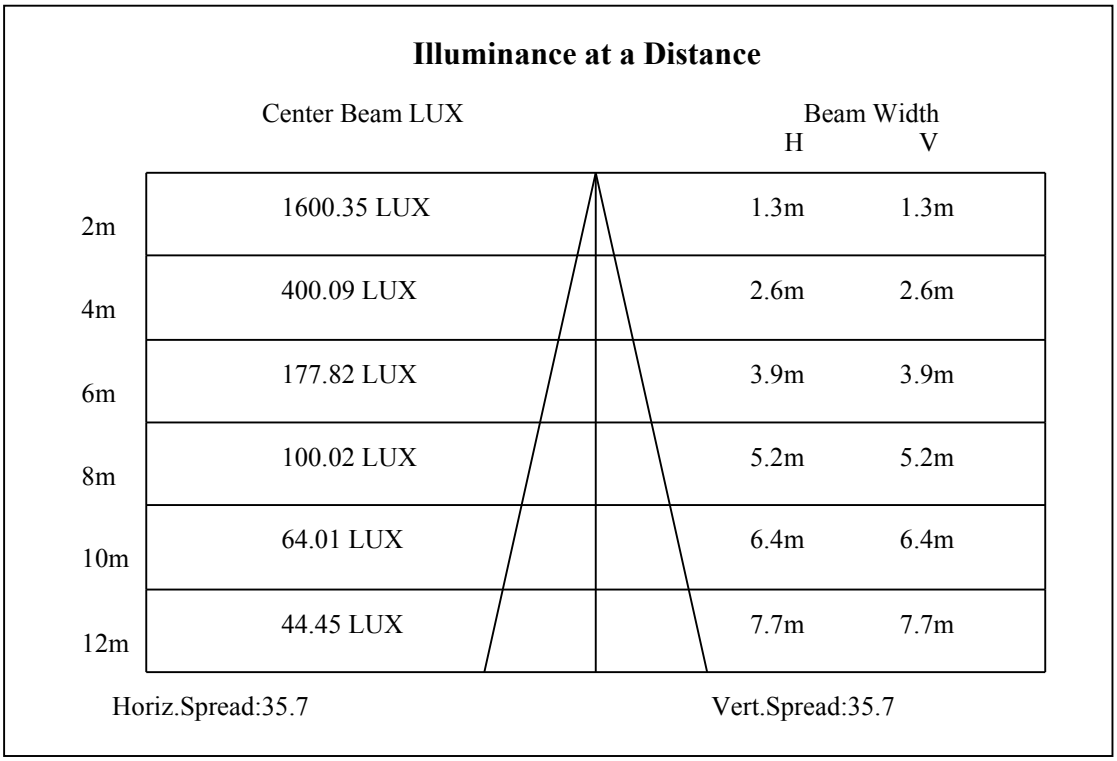
C0/C180:

C90/C270:

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

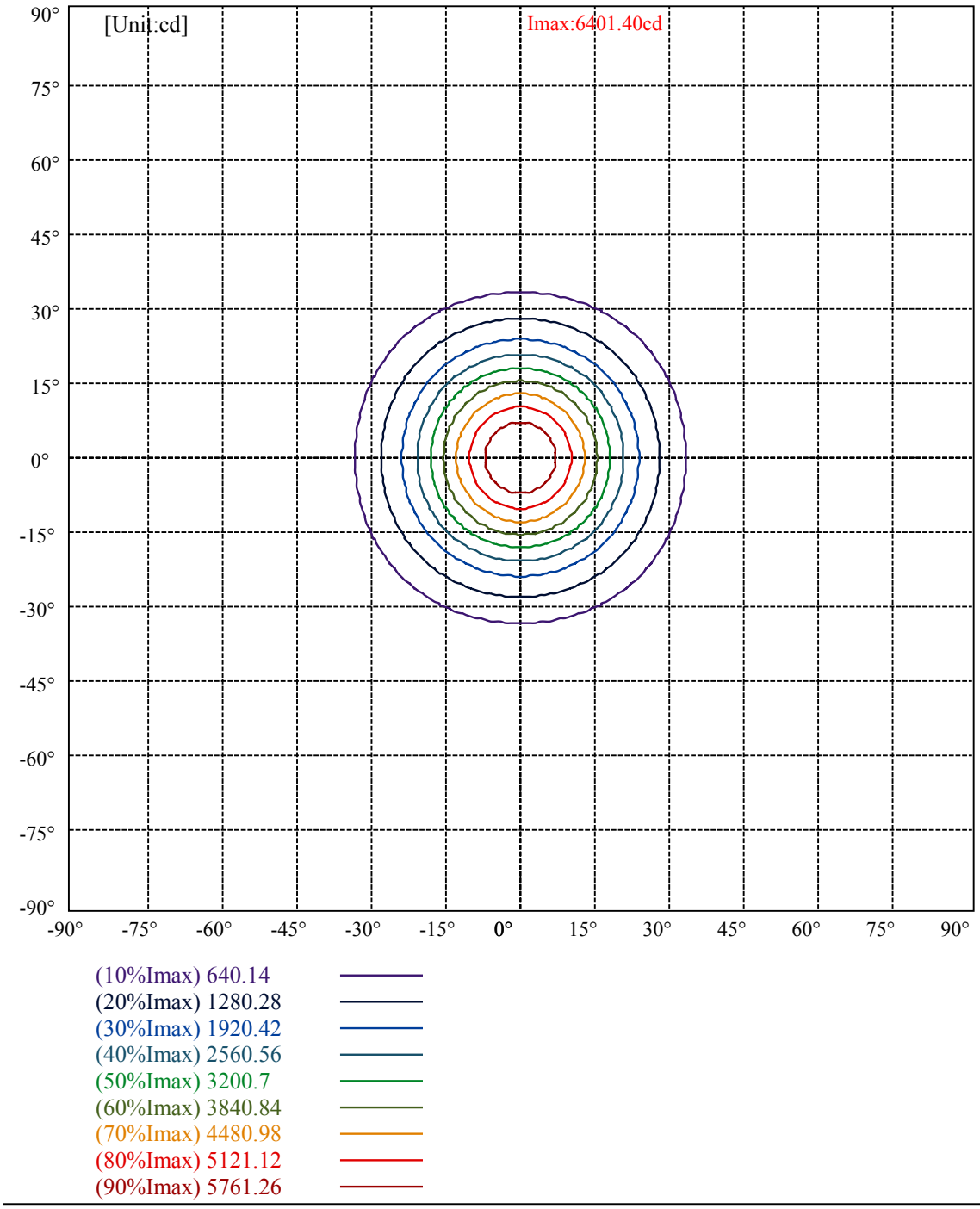
Beam Angle(50%Imax):C0/180Left:17.8 Right:17.8
:C90/270Left:17.8 Right:17.8

Lux distance Curve



Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)

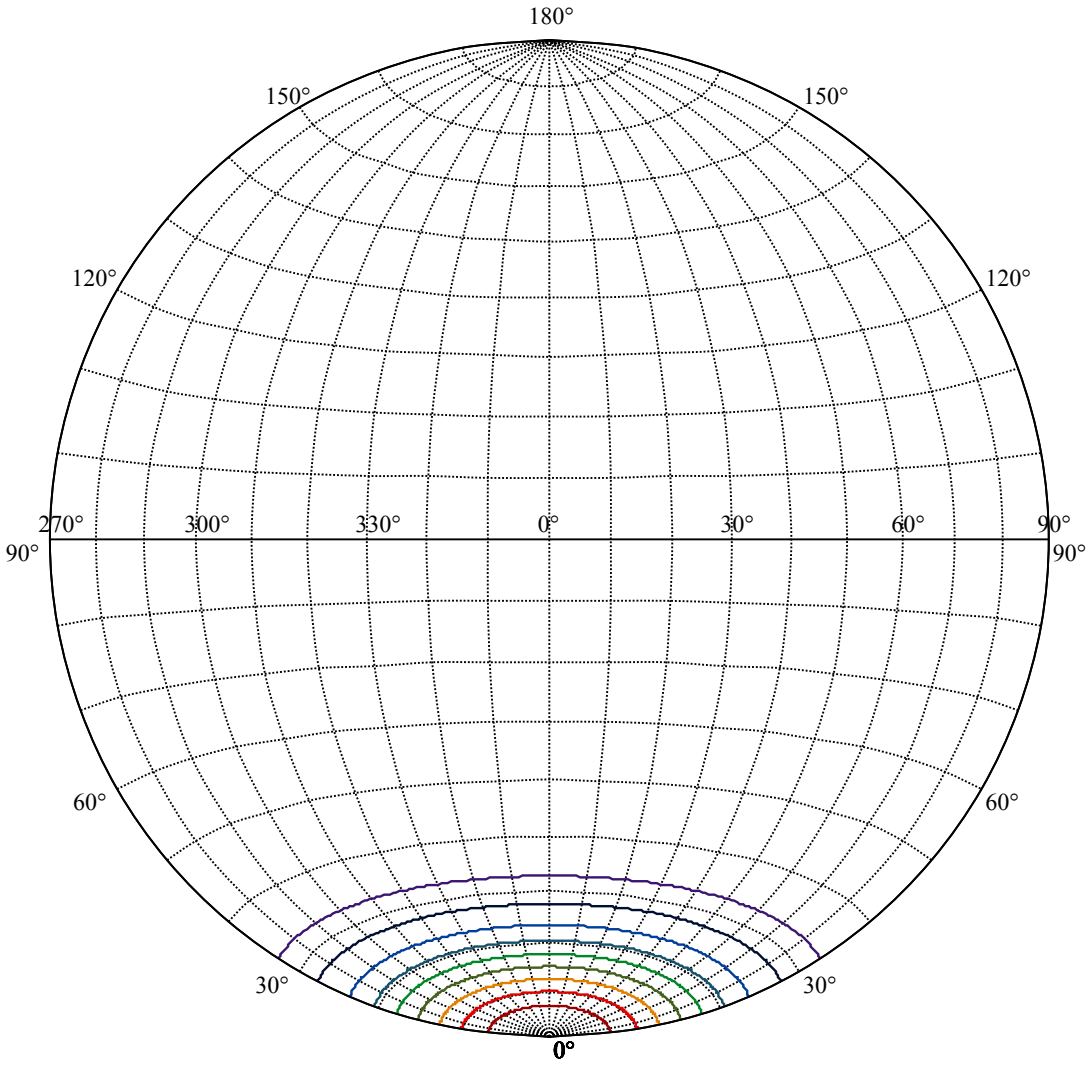


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/05
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



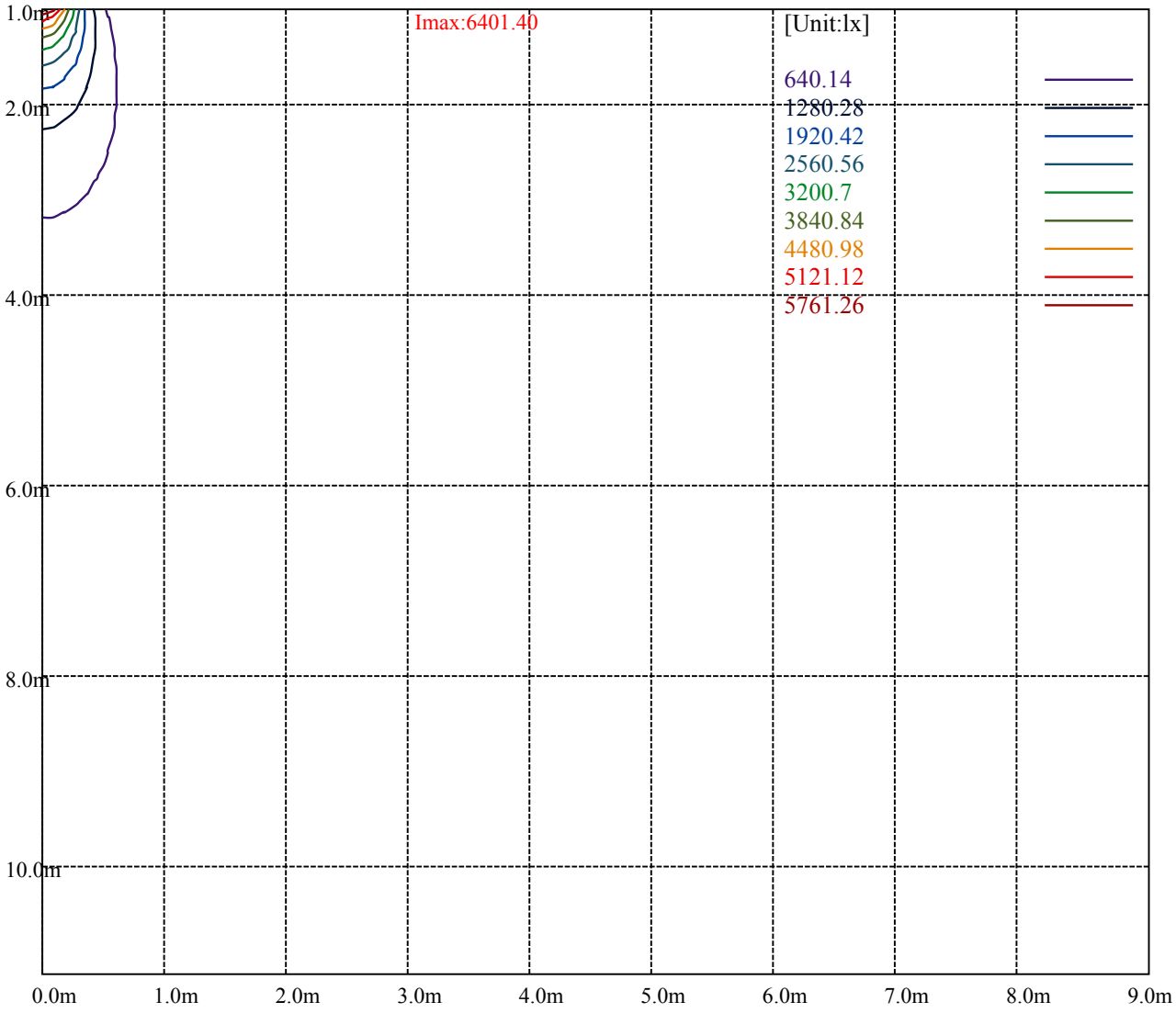
House [Unit:cd] Road

Imax:6401.40

(10%Imax) 640.14
(20%Imax) 1280.28
(30%Imax) 1920.42
(40%Imax) 2560.56
(50%Imax) 3200.7
(60%Imax) 3840.84
(70%Imax) 4480.98
(80%Imax) 5121.12
(90%Imax) 5761.26

Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

NT 2-2684-L

Luminance Limitting Curve(no luminous side)

Luminance Table

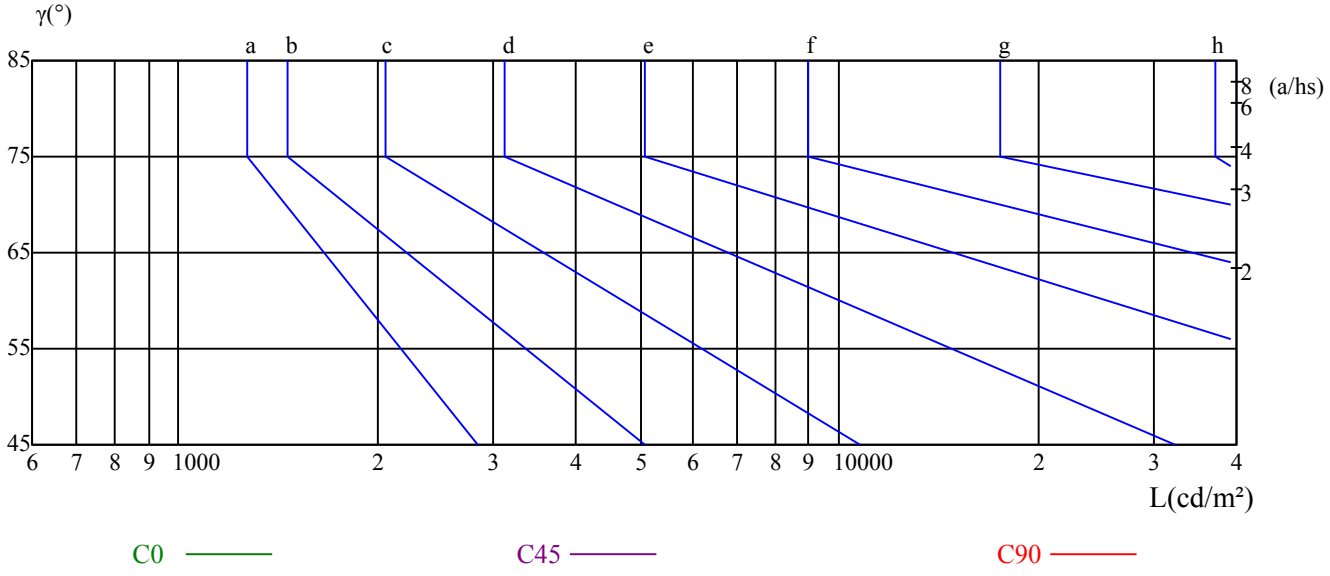
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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
Temperature(°C): 25.0

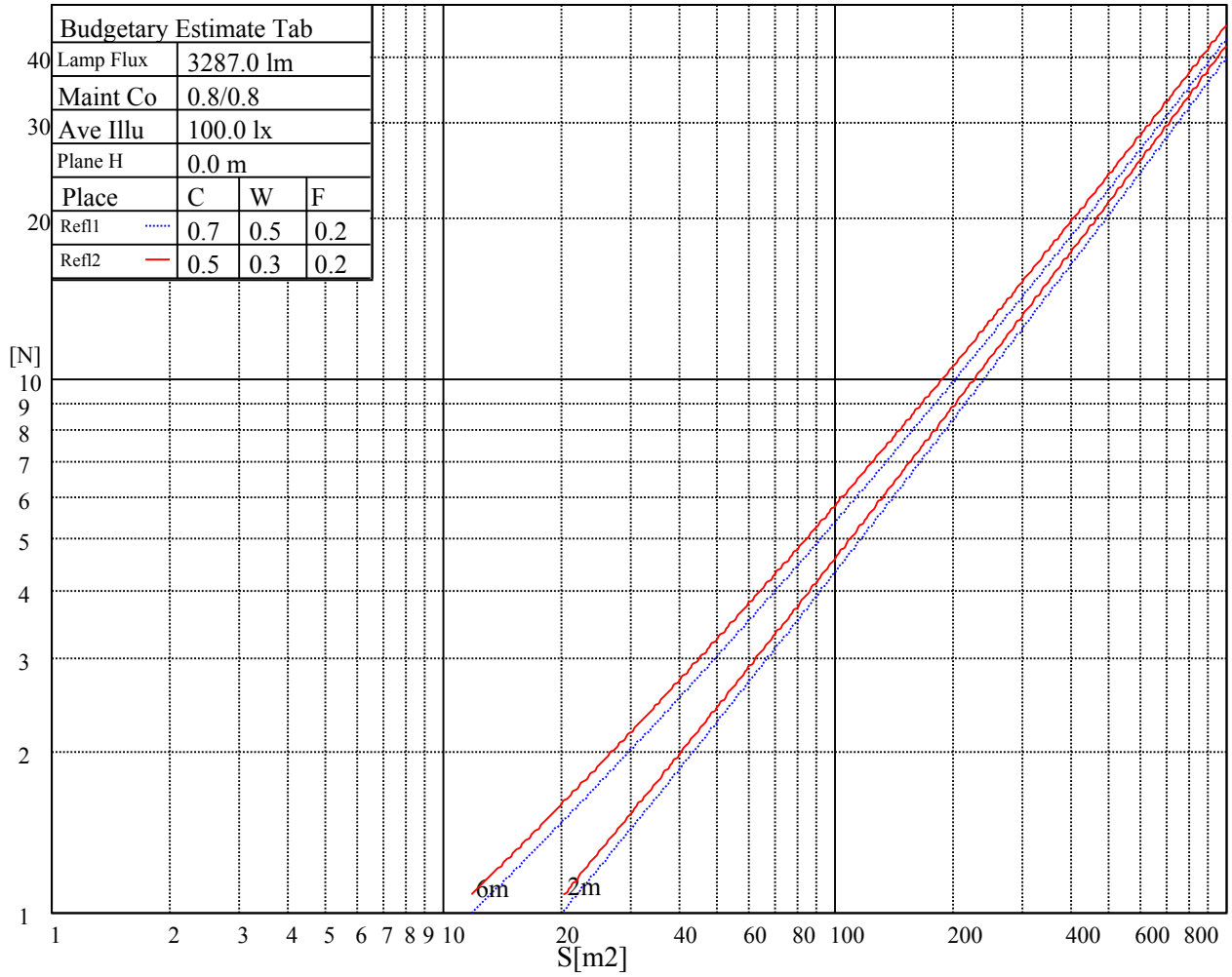
Date: 2024/3/05
Humidity(%): 60.0%

Operator: NT07
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		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

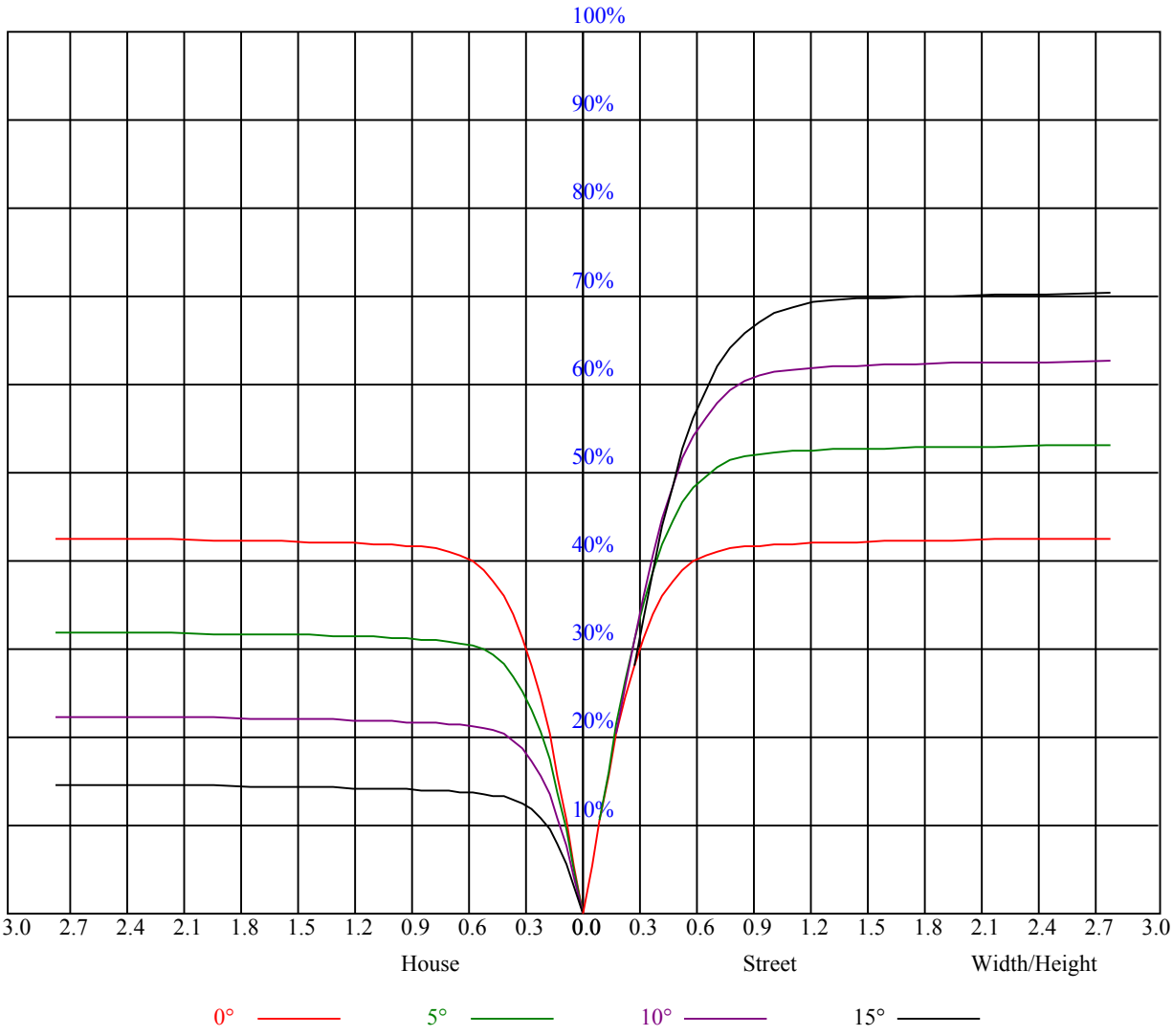


Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

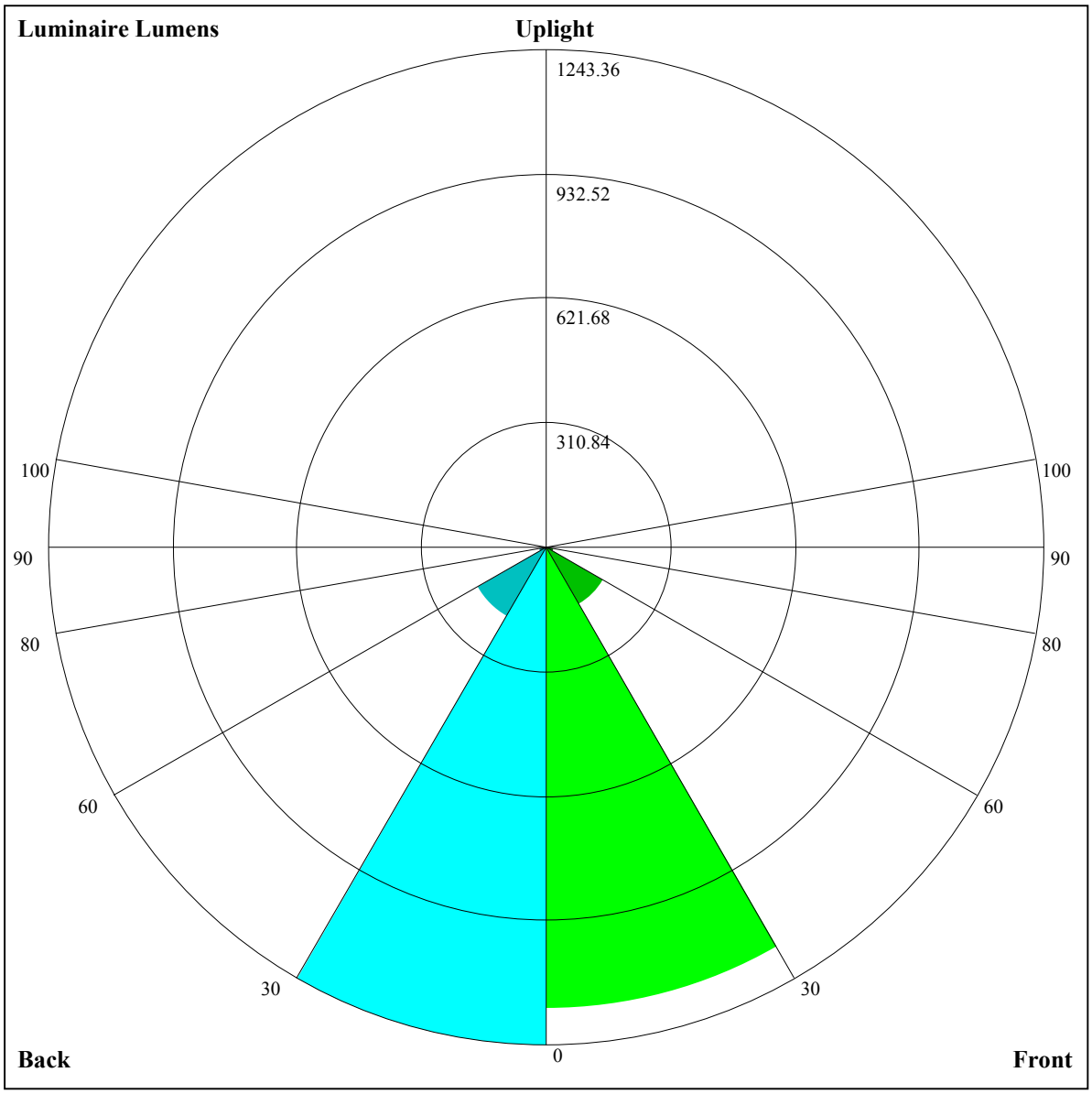
Utilization factor table for indoor luminaire

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	1.02	1.02	1.02	1.00	1.00	1.00	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.86
1	0.95	0.93	0.92	0.94	0.92	0.90	0.90	0.89	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81
2	0.90	0.86	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.83	0.81	0.79	0.81	0.79	0.78	0.76
3	0.85	0.81	0.78	0.83	0.80	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.77	0.75	0.74	0.72
4	0.80	0.76	0.73	0.79	0.75	0.72	0.77	0.74	0.71	0.76	0.73	0.71	0.74	0.72	0.70	0.69
5	0.76	0.72	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.72	0.69	0.67	0.71	0.69	0.66	0.65
6	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.64	0.69	0.66	0.64	0.68	0.65	0.63	0.62
7	0.69	0.65	0.61	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.59
8	0.66	0.62	0.59	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.57
9	0.63	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.55	0.61	0.58	0.55	0.54
10	0.61	0.56	0.54	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.56	0.53	0.58	0.55	0.53	0.52

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/3/05	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=1153.12,FM=166.47,FH=19.57,FVH=6.9
BL=1243.36,BM=197.87,BH=20.37,BVH=7.04
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	6383.69	6301.76	6213.98	6104.54	5977.55	5785.59	5610.03	5415.73	5205.05
45.0	6413.54	6384.86	6329.85	6237.39	6137.90	6021.44	5884.50	5727.66	5507.61
90.0	6394.81	6350.92	6263.72	6178.28	6069.43	5940.09	5755.75	5587.20	5399.93
135.0	6413.54	6410.61	6374.33	6317.56	6211.05	6104.54	5982.23	5842.94	5640.46
180.0	6383.69	6436.36	6449.82	6440.46	6401.83	6315.81	6221.00	6116.24	5988.08
225.0	6413.54	6419.98	6386.03	6330.44	6235.05	6133.80	6016.76	5844.70	5674.40
270.0	6394.81	6414.71	6407.69	6359.70	6298.84	6213.98	6079.96	5951.21	5806.08
315.0	6413.54	6386.03	6320.49	6246.16	6154.28	6041.92	5868.69	5704.25	5518.15
360.0	6383.69	6301.76	6213.98	6104.54	5977.55	5785.59	5610.03	5415.73	5205.05

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4924.73	4690.64	4451.28	4215.43	3928.67	3689.32	3455.81	3164.37	2940.81
45.0	5311.56	5043.53	4820.56	4592.90	4295.61	4060.35	3822.75	3530.72	3301.90
90.0	5138.92	4919.46	4688.88	4394.51	4159.84	3926.33	3634.89	3407.24	3178.42
135.0	5459.62	5263.57	5053.48	4770.81	4534.97	4295.02	4058.59	3757.20	3525.45
180.0	5798.47	5628.75	5440.90	5229.63	4939.94	4706.44	4464.74	4147.55	3916.97
225.0	5488.30	5233.73	5014.27	4779.01	4481.13	4240.60	4001.83	3766.57	3538.91
270.0	5591.30	5396.42	5189.25	4903.07	4662.55	4420.26	4177.39	3866.05	3641.33
315.0	5312.73	5040.02	4807.10	4572.42	4274.54	4040.45	3811.04	3524.28	3297.80
360.0	4924.73	4690.64	4451.28	4215.43	3928.67	3689.32	3455.81	3164.37	2940.81

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2662.25	2446.88	2237.96	2046.01	1827.72	1673.80	1542.71	1318.57	1159.39
45.0	3075.42	2850.10	2570.95	2361.44	2161.29	1971.68	1805.48	1622.89	1498.82
90.0	2892.24	2669.27	2451.57	2246.15	2052.44	1832.98	1683.75	1523.98	1322.08
135.0	3241.62	3012.21	2786.90	2511.84	2305.26	2105.70	1923.11	1717.69	1577.83
180.0	3629.62	3396.70	3157.93	2920.33	2633.57	2415.28	2207.53	1969.93	1800.80
225.0	3249.81	3020.99	2794.51	2516.53	2308.19	2060.05	1880.39	1713.01	1570.80
270.0	3418.36	3194.80	2903.36	2665.76	2452.15	2191.14	2000.94	1782.07	1629.32
315.0	3070.15	2783.39	2563.34	2349.74	2149.59	1918.43	1752.22	1610.01	1487.70
360.0	2662.25	2446.88	2237.96	2046.01	1827.72	1673.80	1542.71	1318.57	1159.39

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1159.39	1036.84	914.71	767.05	655.57	521.08	422.36	331.41	231.81
45.0	1357.78	1231.37	1107.30	953.98	831.66	714.03	577.68	475.26	382.21
90.0	1160.15	1130.30	1003.66	881.11	731.36	615.54	507.92	410.18	302.62
135.0	1454.93	1340.81	1188.07	1061.66	937.59	784.85	669.56	564.80	439.56
180.0	1651.56	1522.81	1385.29	1269.41	1143.59	982.65	856.24	707.60	594.06
225.0	1422.16	1162.26	1162.26	1066.63	909.32	786.37	668.91	558.89	432.54
270.0	1502.92	1366.56	1253.03	1131.88	1006.65	850.98	734.52	622.74	515.64
315.0	1144.17	1144.17	1115.44	962.40	839.04	722.75	585.40	483.40	367.29
360.0	1159.39	1036.84	914.71	767.05	655.57	521.08	422.36	331.41	231.81

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	166.03	115.58	86.26	79.42	73.21	68.06	62.33	59.17	56.24
45.0	296.18	296.18	140.75	102.94	89.83	82.75	77.25	69.12	64.14
90.0	228.41	164.39	116.75	91.18	84.21	77.95	70.70	66.19	62.74
135.0	348.27	306.13	306.13	125.06	95.10	84.45	77.72	72.22	67.53
180.0	489.89	395.09	307.89	307.89	154.32	110.67	84.92	77.72	71.51
225.0	342.65	246.26	181.13	129.69	91.88	80.64	74.44	69.00	63.67
270.0	392.74	304.38	304.38	215.60	107.56	87.55	79.18	73.45	68.71
315.0	283.72	210.68	149.29	104.52	82.93	77.19	71.75	67.42	61.51
360.0	166.03	115.58	86.26	79.42	73.21	68.06	62.33	59.17	56.24

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	53.55	50.45	48.11	45.94	43.37	41.49	39.68	37.45	35.76
45.0	61.10	58.05	54.48	51.85	48.87	46.64	44.42	42.31	39.85
90.0	58.70	55.89	53.26	50.15	47.70	45.53	43.48	40.97	39.09
135.0	63.15	59.93	57.00	53.61	51.03	48.57	45.82	43.83	41.79
180.0	66.77	61.86	58.82	56.01	52.79	50.50	48.22	45.65	43.60
225.0	60.28	57.41	53.96	51.50	49.22	47.05	44.42	42.43	40.15
270.0	63.09	60.04	57.12	54.43	51.38	49.10	46.82	44.71	42.14
315.0	58.70	55.36	52.90	50.62	47.93	45.82	43.83	41.43	39.62
360.0	53.55	50.45	48.11	45.94	43.37	41.49	39.68	37.45	35.76

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	34.18	32.19	30.72	29.38	28.09	26.51	25.52	24.52	23.53
45.0	38.04	36.34	34.53	32.83	30.90	29.55	27.80	26.51	25.46
90.0	37.22	35.41	33.30	31.72	29.85	28.56	27.21	25.81	24.81
135.0	39.50	37.69	35.93	34.24	32.25	30.72	29.26	27.86	26.39
180.0	41.14	39.33	37.63	35.99	34.00	32.60	31.13	29.73	28.44
225.0	38.39	36.64	34.65	33.12	31.66	30.20	28.56	27.27	26.16
270.0	40.26	38.45	36.28	34.59	32.60	31.08	29.67	28.32	26.80
315.0	37.81	36.17	34.12	32.54	31.08	29.61	27.97	26.80	25.69
360.0	34.18	32.19	30.72	29.38	28.09	26.51	25.52	24.52	23.53

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	22.47	21.65	20.83	19.90	19.31	18.55	17.91	17.44	16.97
45.0	24.11	23.23	22.41	21.30	20.48	19.78	19.25	18.32	17.79
90.0	23.76	22.88	21.83	21.01	20.25	19.55	18.79	18.14	17.62
135.0	25.34	24.23	23.12	22.36	21.19	20.37	19.84	19.20	18.32
180.0	26.86	25.75	24.46	23.47	22.65	21.59	20.78	20.07	19.25
225.0	25.11	23.82	22.88	22.06	21.24	20.25	19.61	18.90	18.26
270.0	25.63	24.58	23.64	22.53	21.59	20.78	19.96	19.37	18.61
315.0	24.29	23.35	22.30	21.36	20.54	19.84	19.20	18.49	17.91
360.0	22.47	21.65	20.83	19.90	19.31	18.55	17.91	17.44	16.97

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	16.44	16.04	15.68	15.39	14.98	14.63	14.28	13.93	13.64
45.0	17.32	16.80	16.27	15.86	15.51	15.10	14.81	14.46	14.05
90.0	17.03	16.56	16.09	15.68	15.33	14.92	14.57	14.22	13.87
135.0	17.79	17.32	16.80	16.21	15.80	15.51	15.10	14.69	14.34
180.0	18.73	18.08	17.62	16.97	16.50	16.15	15.74	15.27	14.92
225.0	17.73	17.15	16.68	16.15	15.80	15.39	15.04	14.75	14.40
270.0	17.97	17.50	16.97	16.39	15.98	15.63	15.22	14.86	14.63
315.0	17.38	16.91	16.39	15.86	15.57	15.22	14.81	14.46	14.16
360.0	16.44	16.04	15.68	15.39	14.98	14.63	14.28	13.93	13.64

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.46	12.93	12.64	12.41	12.17	12.06	11.88	11.82	11.88
45.0	13.81	13.46	12.93	12.70	12.47	12.23	11.94	11.94	11.70
90.0	13.58	13.34	12.82	12.47	12.35	12.17	12.00	11.82	11.88
135.0	13.99	13.64	13.28	12.99	12.64	12.41	12.23	12.06	11.94
180.0	14.69	14.22	13.81	13.52	13.34	12.82	12.52	12.29	12.11
225.0	14.05	13.75	13.52	13.11	12.70	12.41	12.23	12.06	12.11
270.0	14.28	13.93	13.75	13.28	12.70	12.52	12.35	12.06	12.00
315.0	13.87	13.58	13.17	12.82	12.47	12.29	12.11	11.94	11.76
360.0	13.46	12.93	12.64	12.41	12.17	12.06	11.88	11.82	11.88

Intensity data(cd)

C/γ(°)	90.0
0.0	11.82
45.0	11.82
90.0	11.82
135.0	11.82
180.0	12.17
225.0	11.82
270.0	11.70
315.0	11.82
360.0	11.82