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

NT

Client:
LumCAT: 1-1282-L
Luminaire: 92.70.427.00
Report No: 2024727-B003
Ballast type: AC

Test No: 2024727-C003	Voltage(V): 35.800
LampCAT: TRIDONIC SLE G7 9MM	Current(A): 0.360
Lamp flux(lm): 2026.0	Power (W): 12.888
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1850.85, Efficiency(%): 91.35% , Luminous Efficacy(lm/W): 143.61
Central intensity(cd): 8937.177, Maximum intensity(cd): 8937.177
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=19.8
[C90/270]Total=19.8
Field angle(10%Imax): [C0/180]Total=48.6
[C90/270]Total=48.6
Maximum s/h(1/2): C0_180=0.34 C90_270=0.34
Maximum s/h(1/4): C0_180=0.36 C90_270=0.36
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 91.35%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.024%

NT 1-1282-L

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	8937.176	0.000	0	0.00%	0.00%
1.0	8883.920	8.527	8.527	0.42%	0.46%
2.0	8713.766	25.258	33.785	1.25%	1.83%
3.0	8438.491	41.023	74.807	2.02%	4.04%
4.0	8039.368	55.157	129.964	2.72%	7.02%
5.0	7561.751	67.115	197.079	3.31%	10.65%
6.0	6992.766	76.488	273.567	3.78%	14.78%
7.0	6306.443	82.548	356.115	4.07%	19.24%
8.0	5687.787	85.840	441.956	4.24%	23.88%
9.0	5006.146	86.669	528.624	4.28%	28.56%
10.0	4438.112	85.467	614.091	4.22%	33.18%
11.0	3838.184	82.697	696.788	4.08%	37.65%
12.0	3354.861	78.630	775.419	3.88%	41.90%
13.0	2932.255	74.612	850.031	3.68%	45.93%
14.0	2571.683	70.450	920.481	3.48%	49.73%
15.0	2273.072	66.511	986.992	3.28%	53.33%
16.0	2015.573	62.841	1049.832	3.10%	56.72%
17.0	1815.573	59.661	1109.494	2.94%	59.95%
18.0	1641.176	56.994	1166.488	2.81%	63.02%
19.0	1466.076	54.060	1220.548	2.67%	65.95%
20.0	1301.416	50.653	1271.201	2.50%	68.68%
21.0	1221.299	48.441	1319.642	2.39%	71.30%
22.0	1128.365	47.217	1366.859	2.33%	73.85%
23.0	1019.813	45.075	1411.934	2.22%	76.29%
24.0	925.467	42.531	1454.465	2.10%	78.58%
25.0	827.069	39.849	1494.314	1.97%	80.74%
26.0	745.130	37.112	1531.426	1.83%	82.74%
27.0	657.054	34.305	1565.73	1.69%	84.60%
28.0	565.298	30.947	1596.678	1.53%	86.27%
29.0	490.199	27.615	1624.292	1.36%	87.76%
30.0	416.453	24.479	1648.772	1.21%	89.08%
31.0	353.644	21.431	1670.203	1.06%	90.24%
32.0	297.324	18.649	1688.852	0.92%	91.25%
33.0	259.876	16.415	1705.267	0.81%	92.13%
34.0	226.453	14.718	1719.985	0.73%	92.93%
35.0	183.190	12.722	1732.707	0.63%	93.62%
36.0	139.854	10.286	1742.993	0.51%	94.17%
37.0	114.726	8.303	1751.296	0.41%	94.62%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	94.792	6.993	1758.289	0.35%	95.00%
39.0	79.269	5.941	1764.23	0.29%	95.32%
40.0	65.545	5.051	1769.281	0.25%	95.59%
41.0	55.435	4.308	1773.589	0.21%	95.83%
42.0	47.315	3.733	1777.322	0.18%	96.03%
43.0	41.683	3.297	1780.619	0.16%	96.21%
44.0	36.620	2.955	1783.574	0.15%	96.37%
45.0	33.058	2.678	1786.252	0.13%	96.51%
46.0	30.088	2.469	1788.722	0.12%	96.64%
47.0	27.674	2.297	1791.019	0.11%	96.77%
48.0	25.699	2.158	1793.177	0.11%	96.88%
49.0	24.053	2.043	1795.22	0.10%	96.99%
50.0	22.809	1.954	1797.174	0.10%	97.10%
51.0	21.726	1.884	1799.058	0.09%	97.20%
52.0	20.834	1.826	1800.884	0.09%	97.30%
53.0	20.066	1.779	1802.663	0.09%	97.40%
54.0	19.364	1.738	1804.401	0.09%	97.49%
55.0	18.822	1.705	1806.106	0.08%	97.58%
56.0	18.296	1.677	1807.783	0.08%	97.67%
57.0	17.827	1.652	1809.435	0.08%	97.76%
58.0	17.403	1.629	1811.064	0.08%	97.85%
59.0	17.052	1.611	1812.675	0.08%	97.94%
60.0	16.708	1.595	1814.269	0.08%	98.02%
61.0	16.408	1.580	1815.85	0.08%	98.11%
62.0	16.152	1.569	1817.419	0.08%	98.19%
63.0	15.867	1.557	1818.976	0.08%	98.28%
64.0	15.574	1.543	1820.519	0.08%	98.36%
65.0	15.252	1.526	1822.044	0.08%	98.44%
66.0	14.857	1.502	1823.547	0.07%	98.52%
67.0	14.404	1.471	1825.018	0.07%	98.60%
68.0	13.943	1.436	1826.454	0.07%	98.68%
69.0	13.446	1.397	1827.851	0.07%	98.76%
70.0	12.926	1.354	1829.206	0.07%	98.83%
71.0	12.546	1.317	1830.522	0.06%	98.90%
72.0	12.114	1.282	1831.804	0.06%	98.97%
73.0	11.741	1.247	1833.052	0.06%	99.04%
74.0	11.412	1.217	1834.269	0.06%	99.10%
75.0	11.112	1.190	1835.459	0.06%	99.17%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	10.863	1.167	1836.626	0.06%	99.23%
77.0	10.615	1.145	1837.771	0.06%	99.29%
78.0	10.380	1.124	1838.895	0.06%	99.35%
79.0	10.161	1.104	1839.998	0.05%	99.41%
80.0	9.956	1.085	1841.083	0.05%	99.47%
81.0	9.759	1.066	1842.149	0.05%	99.53%
82.0	9.561	1.048	1843.197	0.05%	99.59%
83.0	9.364	1.029	1844.226	0.05%	99.64%
84.0	9.188	1.011	1845.236	0.05%	99.70%
85.0	8.969	0.991	1846.227	0.05%	99.75%
86.0	8.742	0.968	1847.195	0.05%	99.80%
87.0	8.508	0.944	1848.139	0.05%	99.85%
88.0	8.318	0.922	1849.061	0.05%	99.90%
89.0	8.120	0.901	1849.962	0.04%	99.95%
90.0	8.025	0.885	1850.847	0.04%	100.00%

Zonal flux distribution table

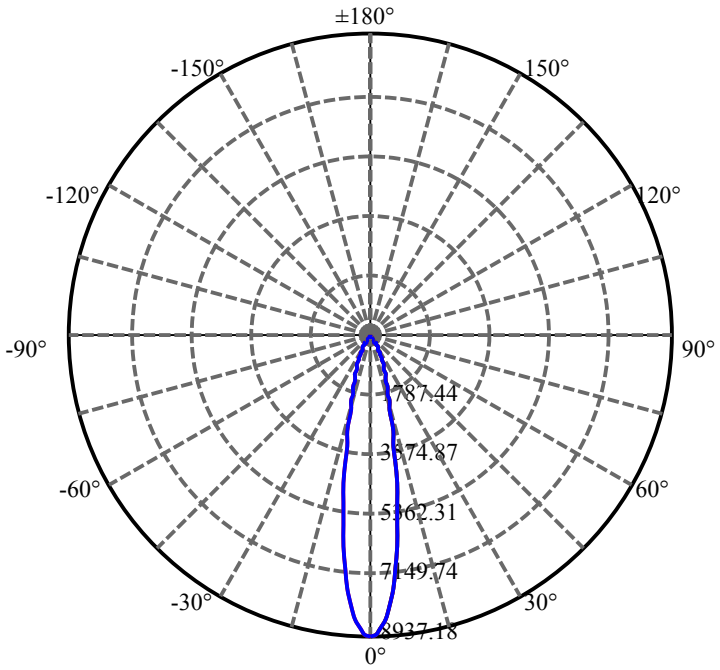
ZONAL LUMEN SUMMARY

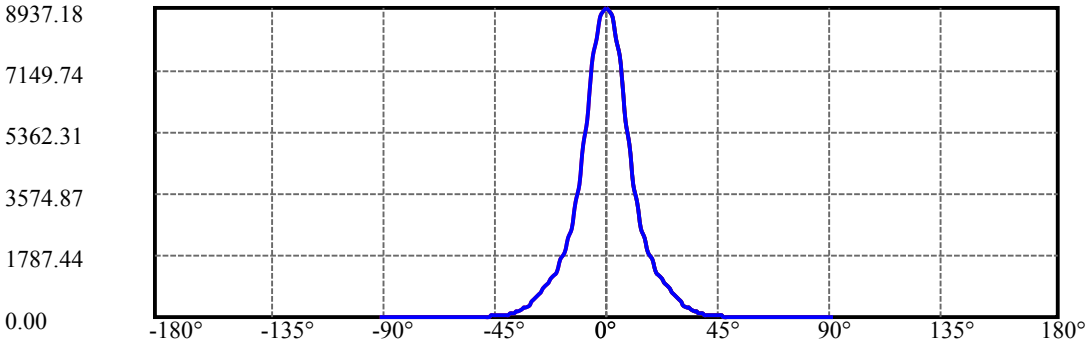
Zone	Lumens	%Lamp	%Fixt
0-30	1648.77	81.38%	89.08%
0-40	1769.28	87.33%	95.59%
0-60	1814.27	89.55%	98.02%
0-90	1849.96	91.31%	99.95%
0-120	1849.96	91.31%	99.95%
0-180	1850.85	91.35%	100.00%
60-90	35.69	1.76%	1.93%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-24.66	1480.68	73.08%	80.00%

ZONAL LUMEN SUMMARY

0-10	614.09
10-20	657.11
20-30	377.57
30-40	120.51
40-50	27.89
50-60	17.10
60-70	14.94
70-80	11.88
80-90	8.88
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):

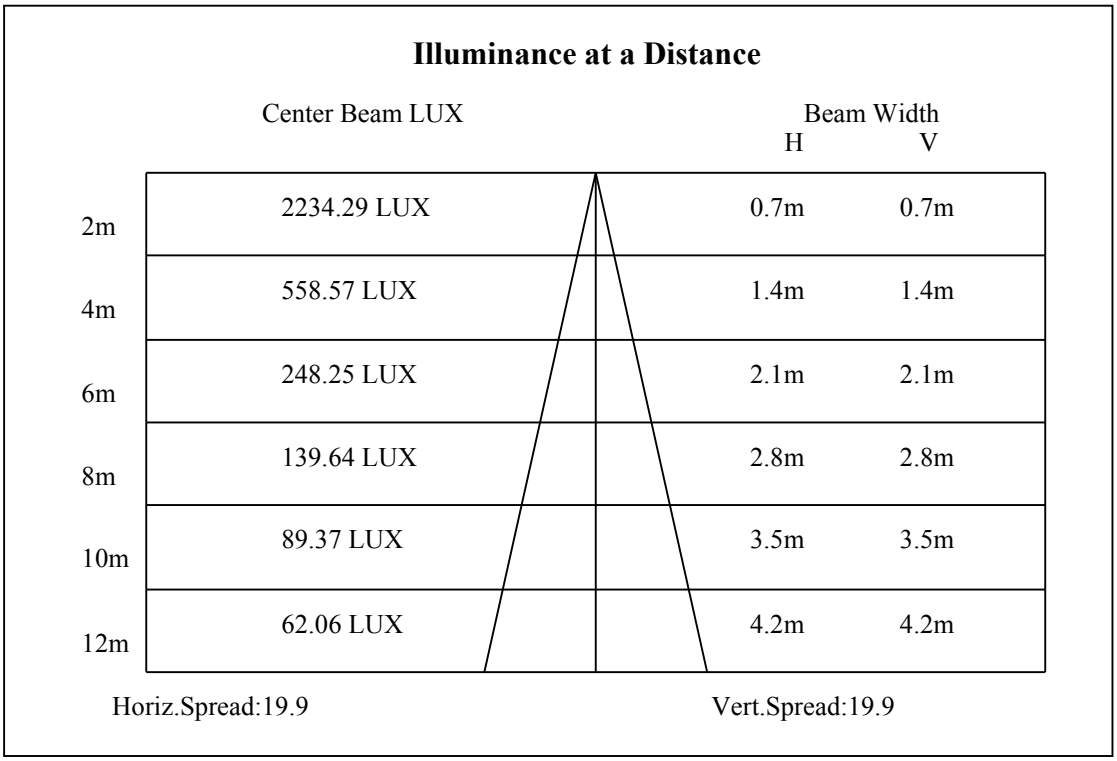
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:24.3 Right:24.3
:C90/270Left:24.3 Right:24.3

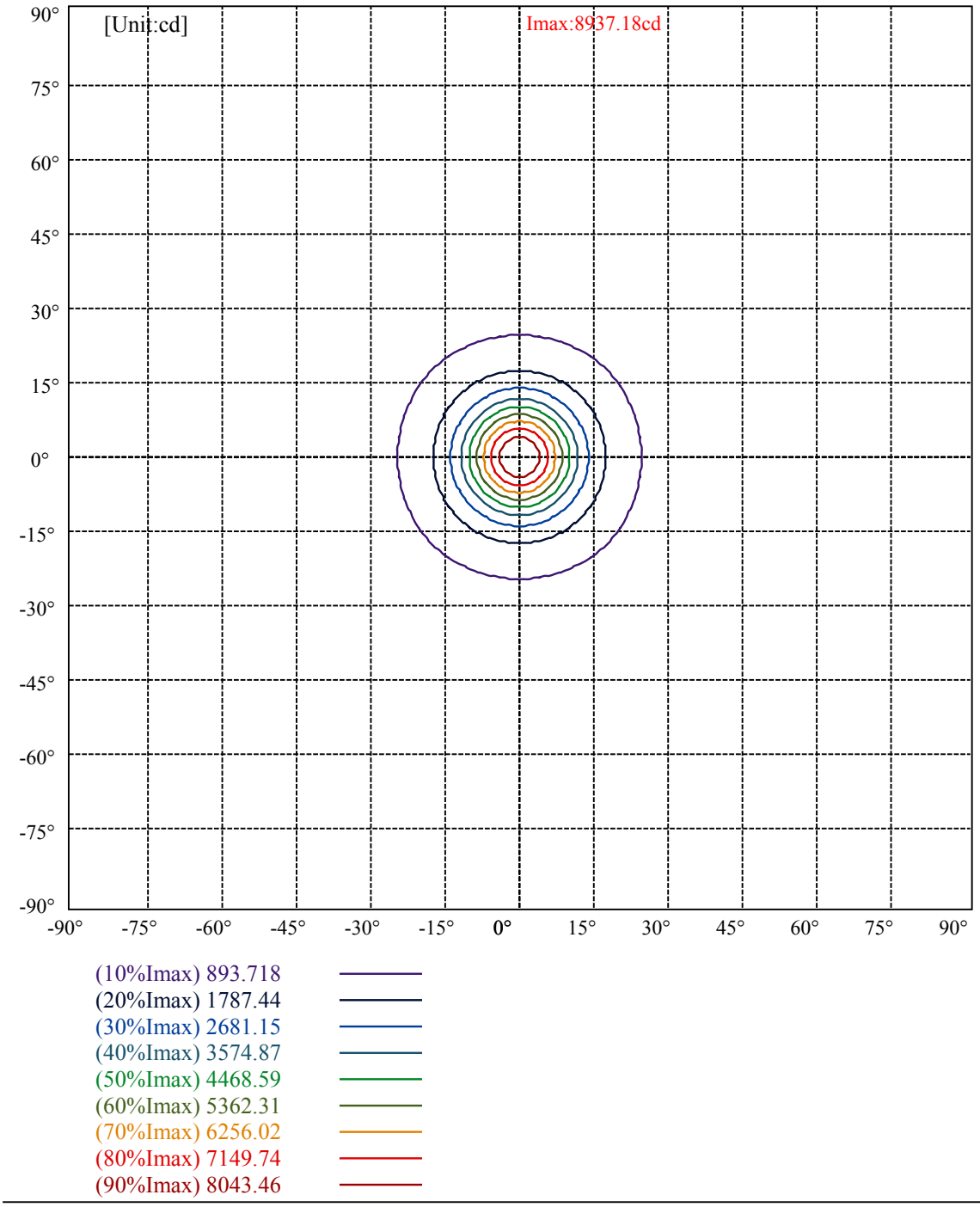
Beam Angle(50%Imax):C0/180Left:9.9 Right:9.9
:C90/270Left:9.9 Right:9.9

Lux distance Curve



Equipment: GMS1980 Date: 2024/7/27 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)



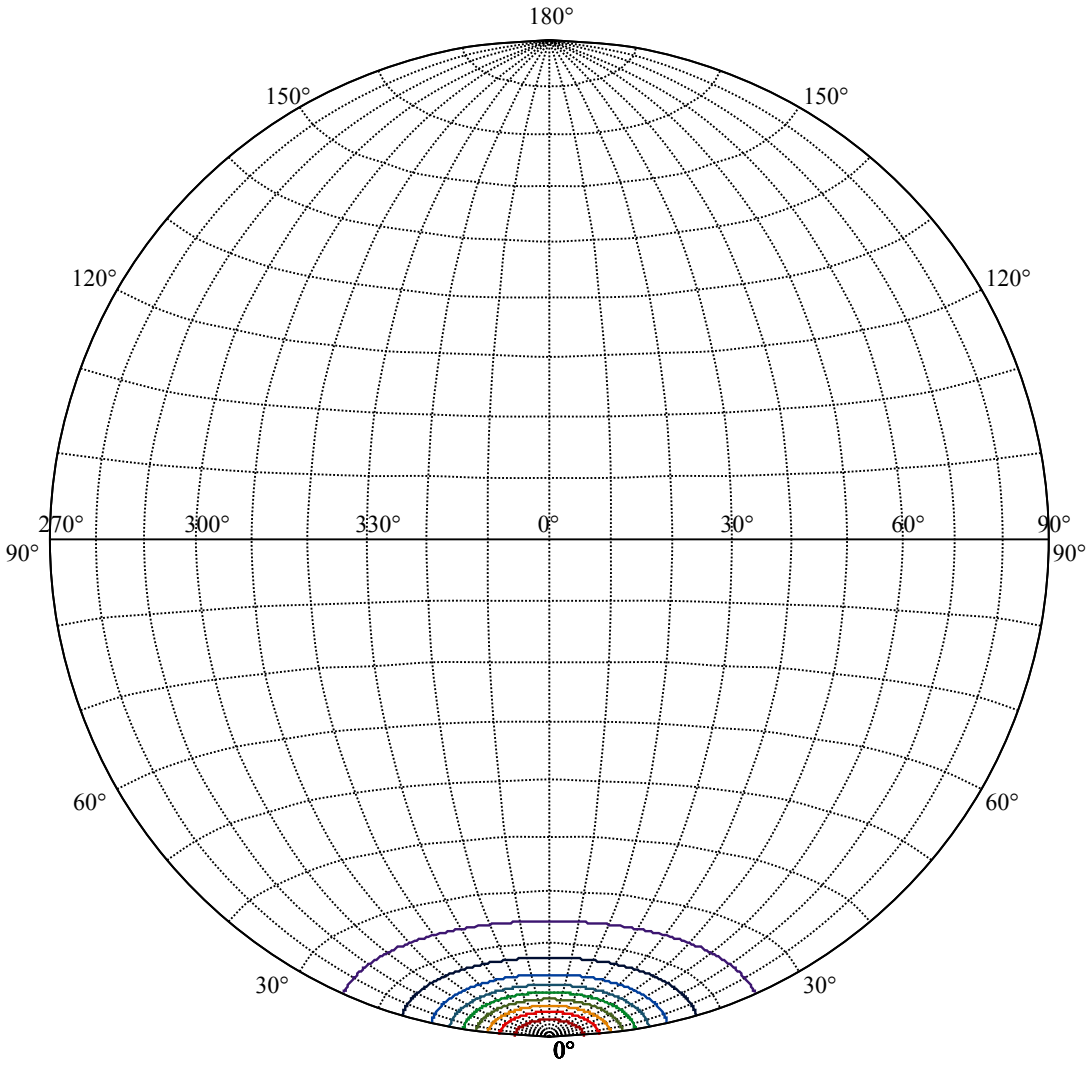
(10%Imax) 893.718
(20%Imax) 1787.44
(30%Imax) 2681.15
(40%Imax) 3574.87
(50%Imax) 4468.59
(60%Imax) 5362.31
(70%Imax) 6256.02
(80%Imax) 7149.74
(90%Imax) 8043.46

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/27
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:8937.18

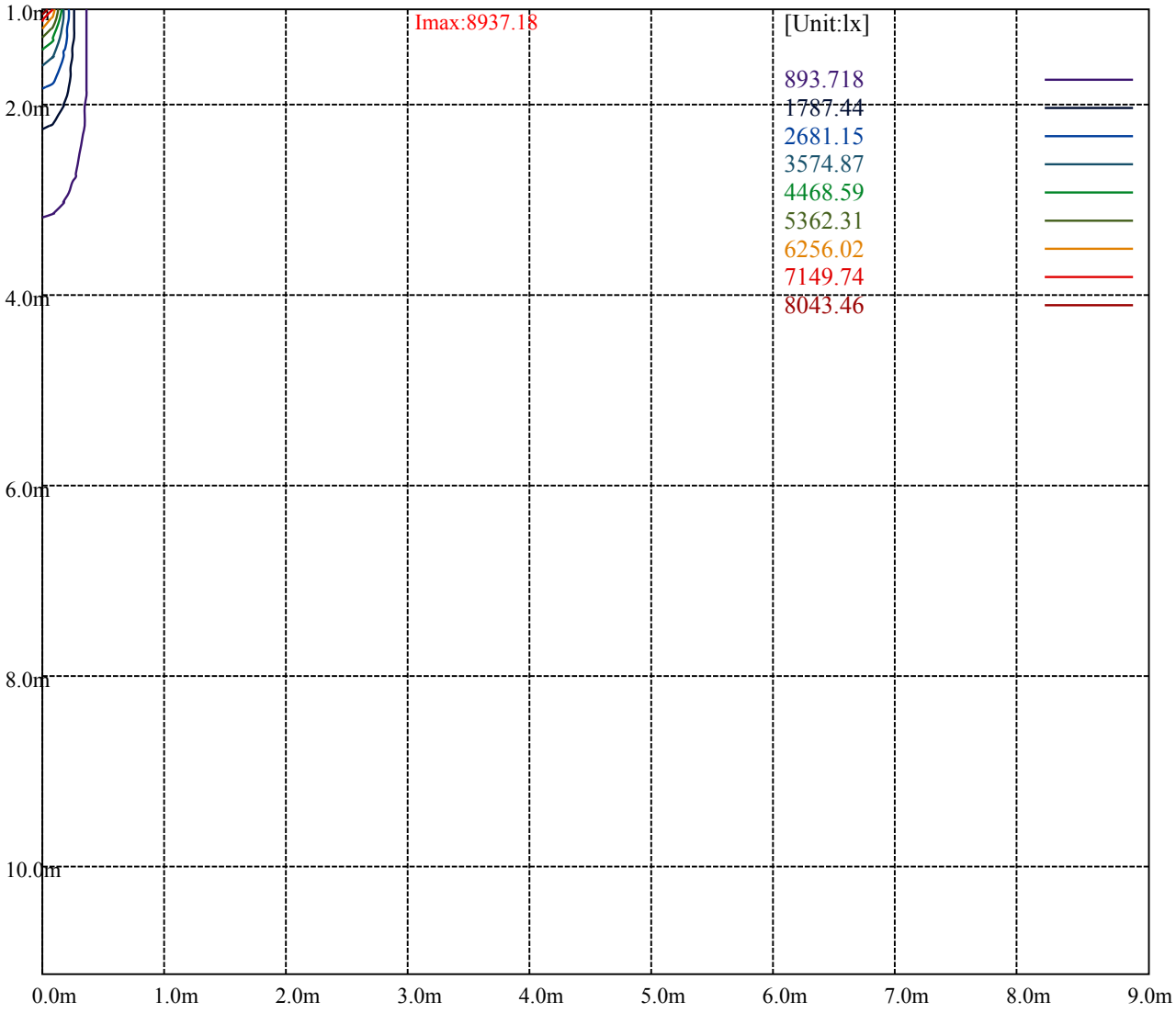
(10%Imax) 893.718
(20%Imax) 1787.44
(30%Imax) 2681.15
(40%Imax) 3574.87
(50%Imax) 4468.59
(60%Imax) 5362.31
(70%Imax) 6256.02
(80%Imax) 7149.74
(90%Imax) 8043.46

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/27
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/27
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

NT 1-1282-L

Luminance Limitting Curve(no luminous side)

Luminance Table

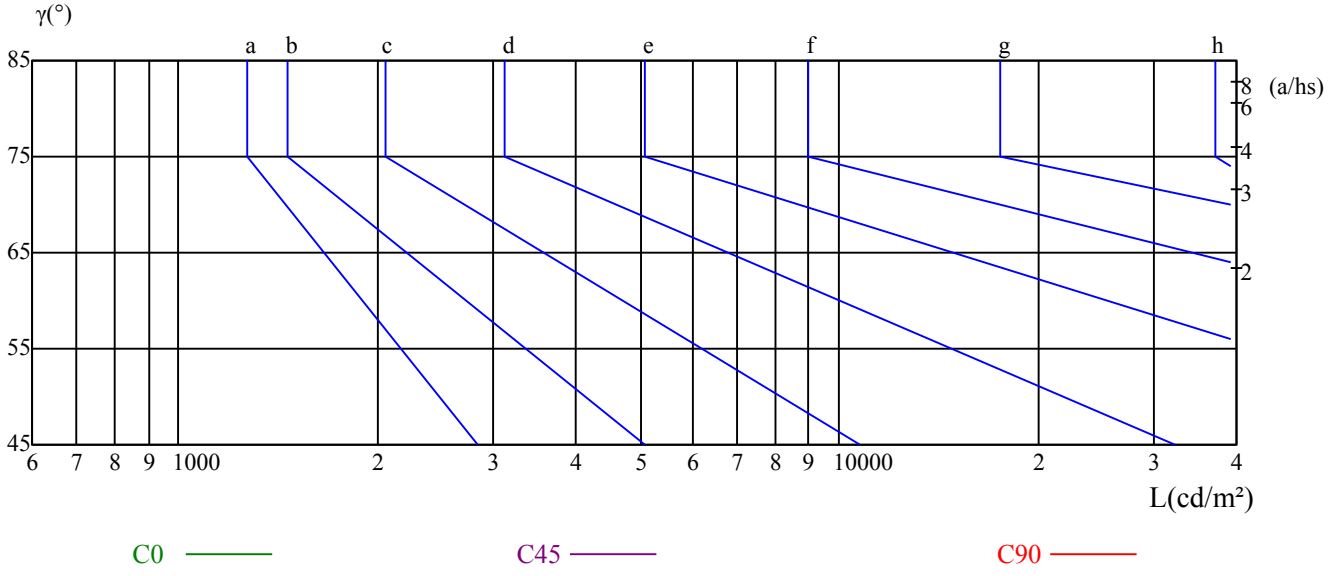
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

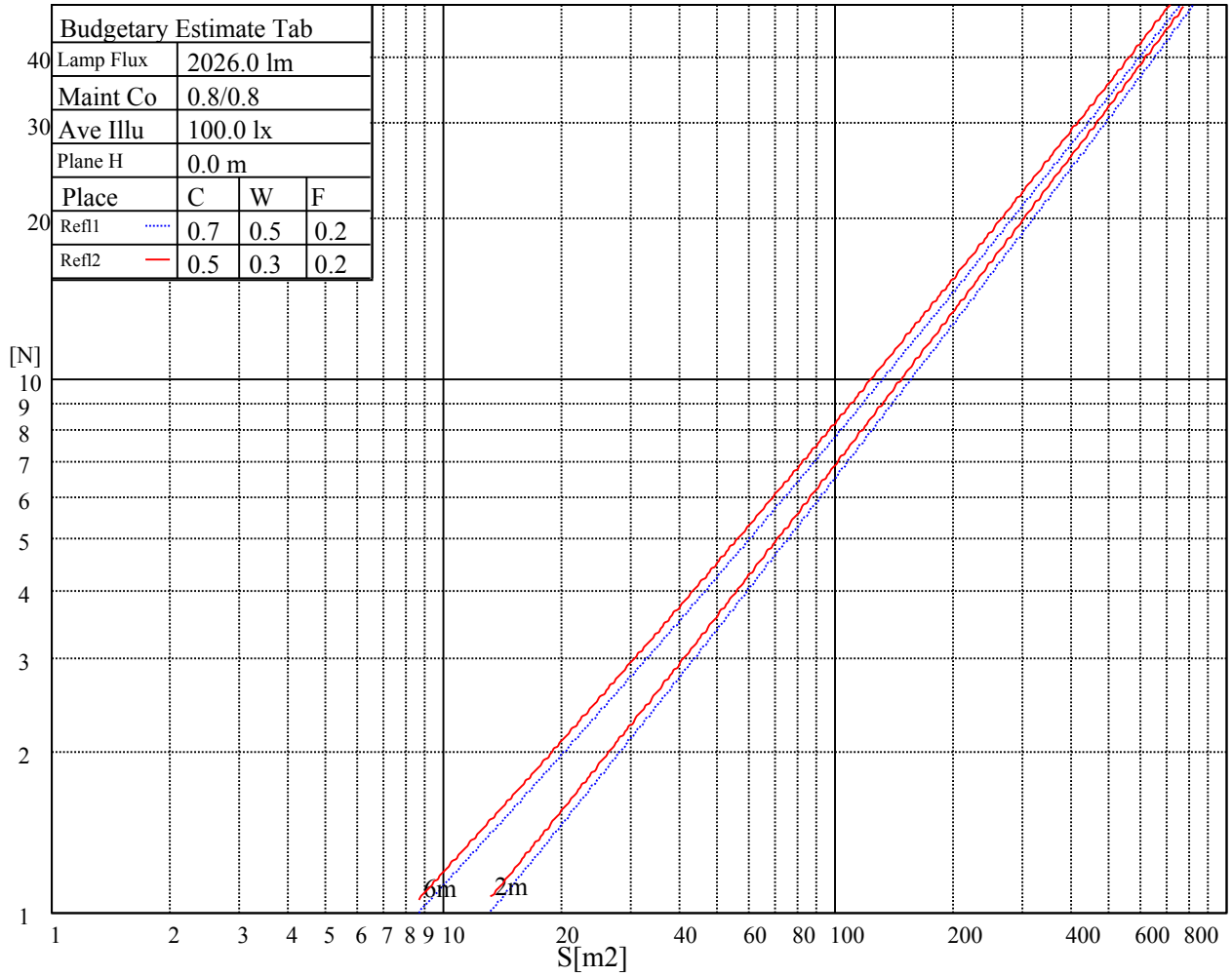
Date: 2024/7/27
Humidity(%): 60.0%

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

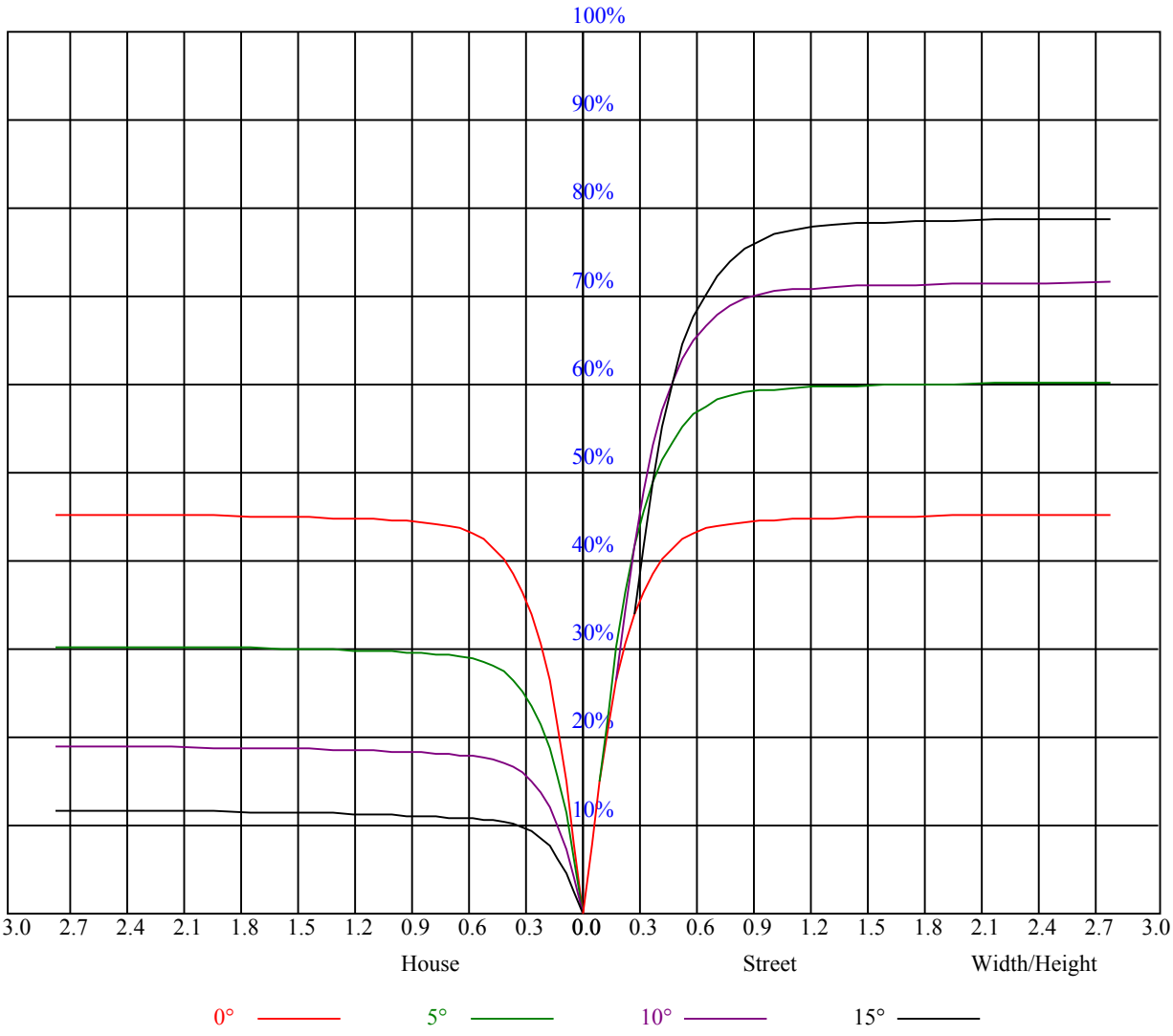


Equipment: GMS1980	Date: 2024/7/27	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

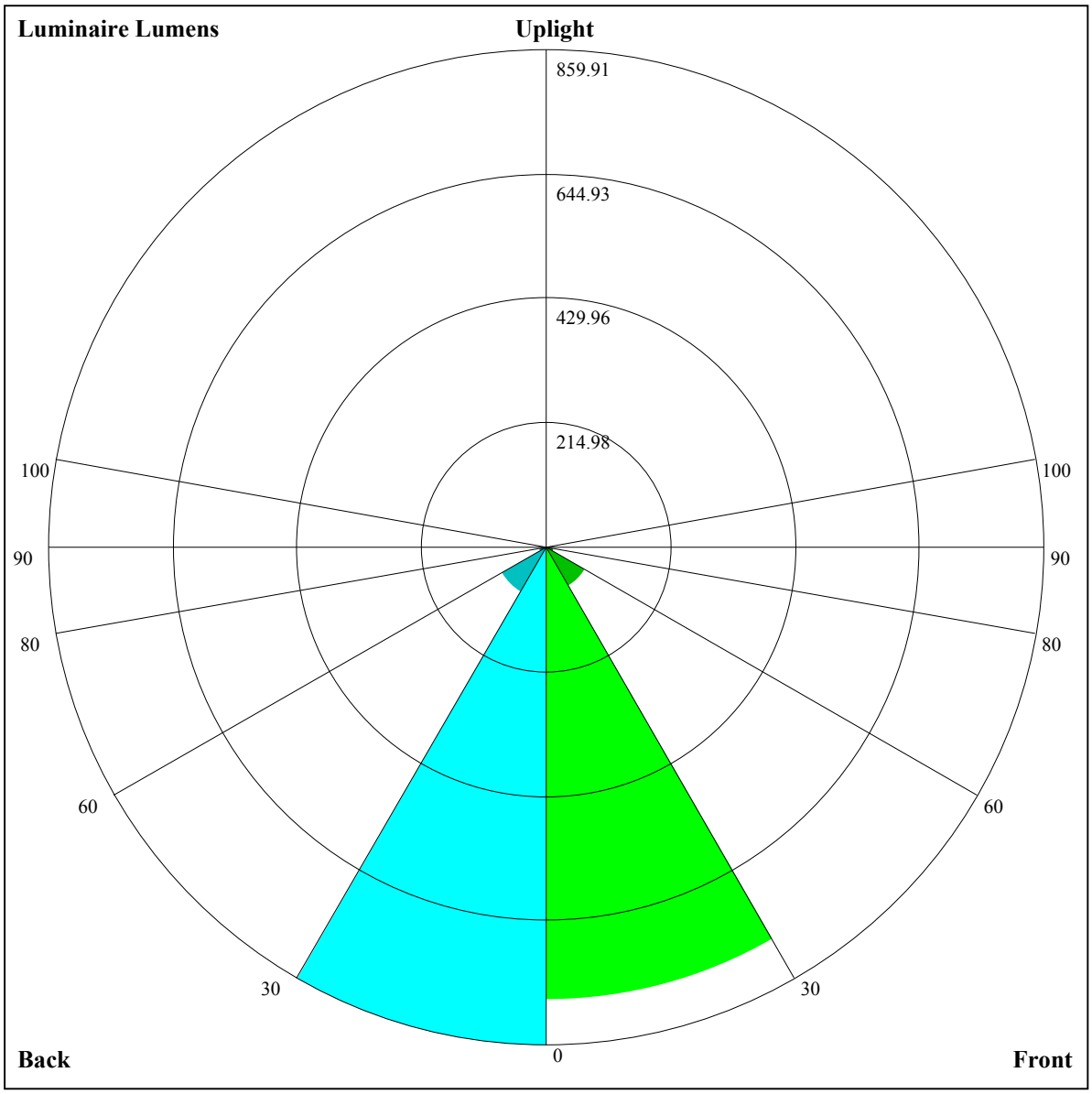
Utilization factor table for indoor luminaire

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	1.09	1.09	1.09	1.06	1.06	1.06	1.02	1.02	1.02	0.97	0.97	0.97	0.93	0.93	0.93	0.91
1	1.02	1.00	0.99	1.00	0.99	0.97	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.87
2	0.97	0.94	0.91	0.95	0.93	0.90	0.92	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.85	0.83
3	0.92	0.88	0.85	0.91	0.88	0.85	0.89	0.86	0.83	0.86	0.84	0.82	0.85	0.83	0.81	0.80
4	0.88	0.84	0.81	0.87	0.83	0.80	0.85	0.82	0.80	0.83	0.81	0.79	0.82	0.80	0.78	0.77
5	0.84	0.80	0.77	0.84	0.80	0.77	0.82	0.79	0.76	0.81	0.78	0.75	0.79	0.77	0.75	0.74
6	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.71
7	0.78	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.70	0.69
8	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.68	0.72	0.70	0.67	0.67
9	0.73	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.66	0.70	0.68	0.65	0.64
10	0.71	0.67	0.64	0.70	0.66	0.64	0.70	0.66	0.64	0.69	0.66	0.64	0.68	0.66	0.63	0.63

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/7/27	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=783.89,FM=77.08,FH=13.16,FVH=4.83
BL=859.91,BM=88.28,BH=13.29,BVH=4.9
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	8924.15	8718.16	8425.54	8038.71	7552.39	6857.73	6255.53	5618.80	4993.20
45.0	8949.90	8966.29	8837.54	8618.08	8203.74	7747.85	7231.68	6508.93	5872.21
90.0	8972.14	8918.30	8718.74	8444.86	7970.24	7483.92	6937.90	6195.25	5569.06
135.0	8902.50	8995.55	8989.70	8841.05	8608.72	8272.80	7722.10	7197.16	6610.76
180.0	8924.15	8977.41	8929.42	8810.04	8505.72	8151.07	7682.89	7005.79	6416.47
225.0	8949.90	8832.86	8643.25	8279.24	7868.99	7373.89	6814.42	6040.17	5412.80
270.0	8972.14	8932.35	8798.92	8515.67	8166.29	7731.47	7200.67	6438.70	5808.42
315.0	8902.50	8730.45	8367.02	7960.29	7438.85	6875.28	6096.93	5446.75	4819.39
360.0	8924.15	8718.16	8425.54	8038.71	7552.39	6857.73	6255.53	5618.80	4993.20

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4262.25	3750.18	3187.78	2823.18	2507.16	2184.70	1978.70	1790.26	1600.65
45.0	5254.79	4676.01	3997.15	3507.31	3077.76	2711.41	2342.71	2102.77	1896.77
90.0	4961.60	4393.93	3749.01	3297.80	2903.36	2480.83	2206.36	1953.54	1751.05
135.0	5859.92	5229.63	4632.70	3964.37	3472.20	3060.20	2706.72	2336.86	2091.65
180.0	5643.38	5035.92	4450.11	3939.79	3362.18	2975.34	2648.79	2314.04	2084.63
225.0	4795.98	4247.62	3633.72	3194.80	2737.16	2441.62	2194.65	1927.20	1758.07
270.0	5168.18	4567.74	3892.98	3428.89	3015.14	2585.00	2234.45	2001.53	1799.63
315.0	4103.07	3603.87	3162.03	2682.73	2383.09	2134.37	1872.19	1698.38	1542.13
360.0	4262.25	3750.18	3187.78	2823.18	2507.16	2184.70	1978.70	1790.26	1600.65

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1471.90	1281.70	1151.96	1128.37	1033.86	944.08	855.77	749.44	666.16
45.0	1689.60	1544.47	1413.38	1268.24	1167.58	1075.12	958.66	867.95	782.50
90.0	1557.34	1415.13	1148.62	1148.62	1054.63	936.48	850.27	772.61	696.83
135.0	1886.24	1717.69	1525.15	1391.72	1281.70	1158.22	1065.17	951.05	861.51
180.0	1890.92	1710.67	1554.42	1406.35	1289.89	1157.05	1066.34	941.10	859.17
225.0	1602.40	1436.20	1159.51	1159.51	1109.88	990.38	898.32	812.00	729.01
270.0	1625.23	1473.07	1308.62	1187.48	1090.33	1000.21	894.28	809.42	732.17
315.0	1405.77	1149.67	1149.67	1080.09	999.04	896.97	814.93	712.98	633.68
360.0	1471.90	1281.70	1151.96	1128.37	1033.86	944.08	855.77	749.44	666.16

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	582.47	484.62	420.13	346.34	293.84	246.79	207.87	165.62	137.35
45.0	695.31	589.97	513.30	444.83	385.72	315.49	303.21	303.21	178.84
90.0	619.64	525.88	457.82	394.09	322.99	272.71	228.53	191.66	152.45
135.0	770.80	664.87	578.85	506.86	440.15	362.31	308.47	296.18	296.18
180.0	776.07	687.70	587.04	502.18	430.78	369.34	297.94	297.94	238.13
225.0	625.43	545.84	472.80	393.56	336.04	272.89	230.99	195.00	163.39
270.0	631.52	556.02	489.89	400.94	341.24	303.79	303.79	195.00	164.68
315.0	555.20	467.48	401.76	342.82	278.39	235.26	198.22	167.02	134.48
360.0	582.47	484.62	420.13	346.34	293.84	246.79	207.87	165.62	137.35

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	114.24	95.39	76.08	63.38	54.02	46.41	39.27	34.88	30.49
45.0	148.82	124.07	98.08	81.81	68.88	56.24	48.34	42.08	36.46
90.0	126.23	100.42	83.51	69.64	56.83	48.69	42.37	37.63	33.07
135.0	173.99	145.72	121.90	101.71	82.28	69.82	57.94	50.68	44.83
180.0	172.70	136.12	112.36	94.34	75.08	62.50	51.27	44.42	39.09
225.0	130.62	109.61	92.00	77.95	63.79	55.13	48.40	42.96	37.69
270.0	138.76	110.67	92.88	78.30	65.43	53.49	46.12	40.15	34.47
315.0	113.48	95.80	81.52	67.01	58.05	51.21	44.83	40.67	36.87
360.0	114.24	95.39	76.08	63.38	54.02	46.41	39.27	34.88	30.49

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	27.68	25.40	23.17	21.89	20.78	19.90	19.02	18.43	17.91
45.0	32.95	29.96	27.51	24.93	23.35	22.06	21.01	20.07	19.49
90.0	30.14	27.62	25.63	23.82	22.47	21.42	20.31	19.49	18.79
135.0	39.15	35.76	32.95	30.55	28.09	26.51	25.11	24.05	23.06
180.0	34.94	30.84	28.09	25.98	24.17	22.41	21.30	20.31	19.55
225.0	34.35	30.90	28.62	26.69	24.81	23.53	22.36	21.48	20.48
270.0	30.90	28.09	25.16	23.35	21.59	20.54	19.55	18.67	17.91
315.0	34.35	32.13	30.26	28.38	27.15	26.10	25.16	24.17	23.35
360.0	27.68	25.40	23.17	21.89	20.78	19.90	19.02	18.43	17.91

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	17.50	17.09	16.80	16.50	16.27	16.09	15.92	15.80	15.68
45.0	18.90	18.61	18.38	18.02	17.85	17.50	17.21	16.74	16.39
90.0	17.91	17.26	16.68	16.27	15.92	15.63	15.33	15.10	14.98
135.0	22.36	21.71	20.95	20.37	19.55	19.02	18.61	18.20	17.79
180.0	18.67	18.14	17.62	17.21	16.85	16.50	16.21	16.04	15.86
225.0	19.66	19.08	18.55	17.91	17.44	17.03	16.62	16.33	15.98
270.0	17.32	16.80	16.33	15.86	15.51	15.27	14.92	14.69	14.51
315.0	22.59	21.89	21.07	20.48	19.84	19.37	18.84	18.38	18.02
360.0	17.50	17.09	16.80	16.50	16.27	16.09	15.92	15.80	15.68

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	15.57	15.33	15.10	14.81	14.28	13.93	13.58	13.17	12.87
45.0	15.98	15.68	15.39	14.98	14.63	14.22	13.69	13.17	12.70
90.0	14.75	14.51	14.16	13.87	13.46	12.93	12.52	12.06	11.76
135.0	17.50	17.26	16.91	16.39	15.92	15.39	14.75	13.93	13.46
180.0	15.63	15.45	15.33	15.22	14.92	14.57	14.22	13.81	13.52
225.0	15.68	15.33	15.04	14.57	14.10	13.58	12.99	12.52	12.06
270.0	14.28	14.05	13.81	13.40	13.05	12.70	12.35	11.94	11.59
315.0	17.56	16.97	16.27	15.63	14.86	14.22	13.46	12.82	12.41
360.0	15.57	15.33	15.10	14.81	14.28	13.93	13.58	13.17	12.87

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.52	12.23	12.00	11.70	11.53	11.24	11.06	10.83	10.65
45.0	12.23	11.82	11.35	11.00	10.65	10.36	10.12	9.89	9.71
90.0	11.47	11.12	10.89	10.71	10.53	10.30	10.07	9.89	9.66
135.0	12.70	12.23	11.82	11.35	11.06	10.77	10.48	10.30	10.07
180.0	13.11	12.70	12.41	12.11	11.82	11.65	11.41	11.18	10.94
225.0	11.70	11.29	10.94	10.71	10.48	10.24	10.01	9.71	9.54
270.0	11.35	11.12	10.83	10.59	10.36	10.18	10.01	9.77	9.66
315.0	11.82	11.41	11.06	10.71	10.48	10.18	9.89	9.71	9.42
360.0	12.52	12.23	12.00	11.70	11.53	11.24	11.06	10.83	10.65

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.42	10.18	10.07	9.89	9.48	9.01	8.72	8.54	8.02
45.0	9.48	9.31	9.13	8.95	8.78	8.66	8.43	8.25	8.08
90.0	9.48	9.31	9.07	8.84	8.78	8.49	8.31	8.13	8.02
135.0	9.83	9.60	9.31	9.19	8.95	8.78	8.54	8.37	8.25
180.0	10.77	10.53	10.30	10.07	9.83	9.60	9.31	8.90	8.66
225.0	9.36	9.19	9.01	8.84	8.66	8.49	8.25	8.19	8.02
270.0	9.48	9.31	9.07	8.95	8.72	8.54	8.31	8.13	8.02
315.0	9.25	9.07	8.95	8.78	8.54	8.37	8.19	8.02	7.90
360.0	10.42	10.18	10.07	9.89	9.48	9.01	8.72	8.54	8.02

Intensity data(cd)

C/γ(°)	90.0
0.0	8.02
45.0	7.96
90.0	7.96
135.0	8.13
180.0	8.37
225.0	7.90
270.0	7.96
315.0	7.90
360.0	8.02