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NT

Client:
LumCAT: 3-2806-L
Luminaire: 92.70.412.00
Report No: 2024315-B010
Ballast type: AC

Test No: 2024315-C010	Voltage(V): 0.000
LampCAT: BRIDGELUX V13B LES13	Current(A): 0.000
Lamp flux(lm): 2626.0	Power (W): 0.000
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2185.53, Efficiency(%): 83.23% , Luminous Efficacy(lm/W): 0.00
Central intensity(cd): 7545.510, Maximum intensity(cd): 7545.510
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=23.8
[C90/270]Total=23.8
Field angle(10%Imax): [C0/180]Total=58.8
[C90/270]Total=58.8
Maximum s/h(1/2): C0_180=0.40 C90_270=0.40
Maximum s/h(1/4): C0_180=0.46 C90_270=0.46
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 83.23%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.742%

Equipment: GMS1980	Date: 2024/3/15	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	7545.511	0.000	0	0.00%	0.00%
1.0	7510.544	7.204	7.204	0.27%	0.33%
2.0	7389.109	21.385	28.589	0.81%	1.31%
3.0	7199.570	34.891	63.481	1.33%	2.90%
4.0	6901.763	47.202	110.682	1.80%	5.06%
5.0	6540.899	57.830	168.512	2.20%	7.71%
6.0	6150.627	66.697	235.209	2.54%	10.76%
7.0	5712.732	73.636	308.845	2.80%	14.13%
8.0	5265.767	78.571	387.416	2.99%	17.73%
9.0	4848.648	81.972	469.388	3.12%	21.48%
10.0	4461.448	84.253	553.641	3.21%	25.33%
11.0	4069.128	85.238	638.879	3.25%	29.23%
12.0	3727.210	85.225	724.104	3.25%	33.13%
13.0	3413.018	84.737	808.841	3.23%	37.01%
14.0	3121.283	83.638	892.479	3.19%	40.84%
15.0	2854.493	82.038	974.517	3.12%	44.59%
16.0	2602.042	79.954	1054.471	3.04%	48.25%
17.0	2396.848	77.846	1132.317	2.96%	51.81%
18.0	2192.165	75.663	1207.98	2.88%	55.27%
19.0	2027.132	73.407	1281.387	2.80%	58.63%
20.0	1861.074	71.165	1352.552	2.71%	61.89%
21.0	1717.109	68.708	1421.26	2.62%	65.03%
22.0	1528.893	65.230	1486.49	2.48%	68.02%
23.0	1373.048	60.891	1547.38	2.32%	70.80%
24.0	1255.425	57.468	1604.848	2.19%	73.43%
25.0	1151.320	54.724	1659.572	2.08%	75.93%
26.0	1042.074	51.775	1711.348	1.97%	78.30%
27.0	944.817	48.610	1759.957	1.85%	80.53%
28.0	867.099	45.874	1805.831	1.75%	82.63%
29.0	790.251	43.361	1849.192	1.65%	84.61%
30.0	703.960	40.343	1889.536	1.54%	86.46%
31.0	607.624	36.499	1926.035	1.39%	88.13%
32.0	514.369	32.144	1958.179	1.22%	89.60%
33.0	420.287	27.535	1985.714	1.05%	90.86%
34.0	330.060	22.708	2008.422	0.86%	91.90%
35.0	259.855	18.321	2026.742	0.70%	92.73%
36.0	211.427	15.006	2041.748	0.57%	93.42%
37.0	144.829	11.619	2053.367	0.44%	93.95%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	93.395	7.952	2061.319	0.30%	94.32%
39.0	81.061	5.955	2067.273	0.23%	94.59%
40.0	73.270	5.383	2072.656	0.20%	94.84%
41.0	67.308	5.006	2077.662	0.19%	95.06%
42.0	61.741	4.689	2082.35	0.18%	95.28%
43.0	57.089	4.402	2086.752	0.17%	95.48%
44.0	52.502	4.136	2090.889	0.16%	95.67%
45.0	48.603	3.886	2094.774	0.15%	95.85%
46.0	44.960	3.659	2098.433	0.14%	96.01%
47.0	41.661	3.445	2101.878	0.13%	96.17%
48.0	38.983	3.260	2105.138	0.12%	96.32%
49.0	36.372	3.094	2108.233	0.12%	96.46%
50.0	34.250	2.944	2111.177	0.11%	96.60%
51.0	32.334	2.817	2113.994	0.11%	96.73%
52.0	30.761	2.707	2116.702	0.10%	96.85%
53.0	29.437	2.619	2119.32	0.10%	96.97%
54.0	28.201	2.540	2121.861	0.10%	97.09%
55.0	27.184	2.472	2124.333	0.09%	97.20%
56.0	26.379	2.420	2126.753	0.09%	97.31%
57.0	25.823	2.387	2129.14	0.09%	97.42%
58.0	25.326	2.365	2131.506	0.09%	97.53%
59.0	24.821	2.344	2133.85	0.09%	97.64%
60.0	24.382	2.325	2136.174	0.09%	97.74%
61.0	23.731	2.296	2138.47	0.09%	97.85%
62.0	22.890	2.246	2140.717	0.09%	97.95%
63.0	21.917	2.179	2142.896	0.08%	98.05%
64.0	20.980	2.105	2145.001	0.08%	98.15%
65.0	20.161	2.036	2147.037	0.08%	98.24%
66.0	19.466	1.977	2149.014	0.08%	98.33%
67.0	18.961	1.932	2150.946	0.07%	98.42%
68.0	18.464	1.896	2152.842	0.07%	98.50%
69.0	18.135	1.867	2154.709	0.07%	98.59%
70.0	17.893	1.850	2156.56	0.07%	98.67%
71.0	17.674	1.838	2158.398	0.07%	98.76%
72.0	17.549	1.832	2160.229	0.07%	98.84%
73.0	17.418	1.829	2162.058	0.07%	98.93%
74.0	16.972	1.808	2163.866	0.07%	99.01%
75.0	16.386	1.763	2165.628	0.07%	99.09%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	16.174	1.728	2167.357	0.07%	99.17%
77.0	15.640	1.696	2169.053	0.06%	99.25%
78.0	15.099	1.645	2170.699	0.06%	99.32%
79.0	14.682	1.600	2172.299	0.06%	99.39%
80.0	14.002	1.546	2173.845	0.06%	99.47%
81.0	13.116	1.466	2175.312	0.06%	99.53%
82.0	11.858	1.354	2176.666	0.05%	99.59%
83.0	11.061	1.246	2177.912	0.05%	99.65%
84.0	10.629	1.182	2179.093	0.04%	99.71%
85.0	10.293	1.142	2180.235	0.04%	99.76%
86.0	9.978	1.108	2181.343	0.04%	99.81%
87.0	9.700	1.077	2182.42	0.04%	99.86%
88.0	9.503	1.052	2183.472	0.04%	99.91%
89.0	9.386	1.035	2184.507	0.04%	99.95%
90.0	9.305	1.025	2185.532	0.04%	100.00%

Zonal flux distribution table

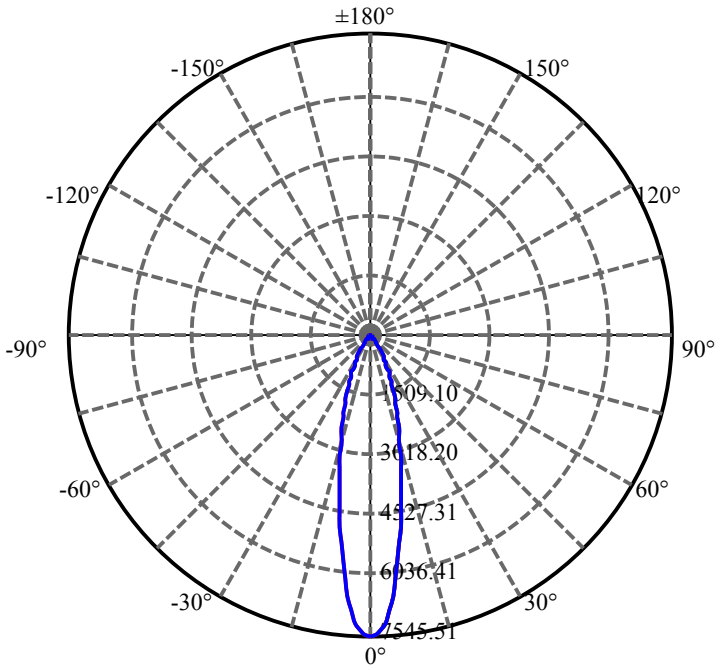
ZONAL LUMEN SUMMARY

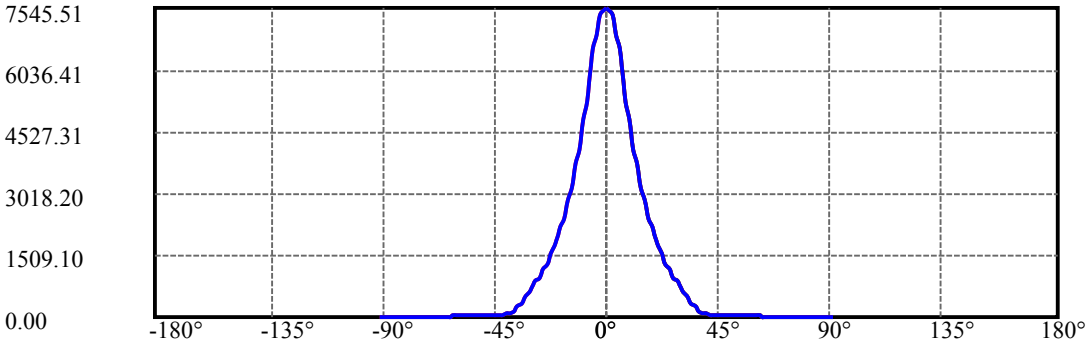
Zone	Lumens	%Lamp	%Fixt
0-30	1889.54	71.95%	86.46%
0-40	2072.66	78.93%	94.84%
0-60	2136.17	81.35%	97.74%
0-90	2184.51	83.19%	99.95%
0-120	2184.51	83.19%	99.95%
0-180	2185.53	83.23%	100.00%
60-90	48.33	1.84%	2.21%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-26.76	1748.43	66.58%	80.00%

ZONAL LUMEN SUMMARY

0-10	553.64
10-20	798.91
20-30	536.98
30-40	183.12
40-50	38.52
50-60	25.00
60-70	20.39
70-80	17.29
80-90	10.66
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):

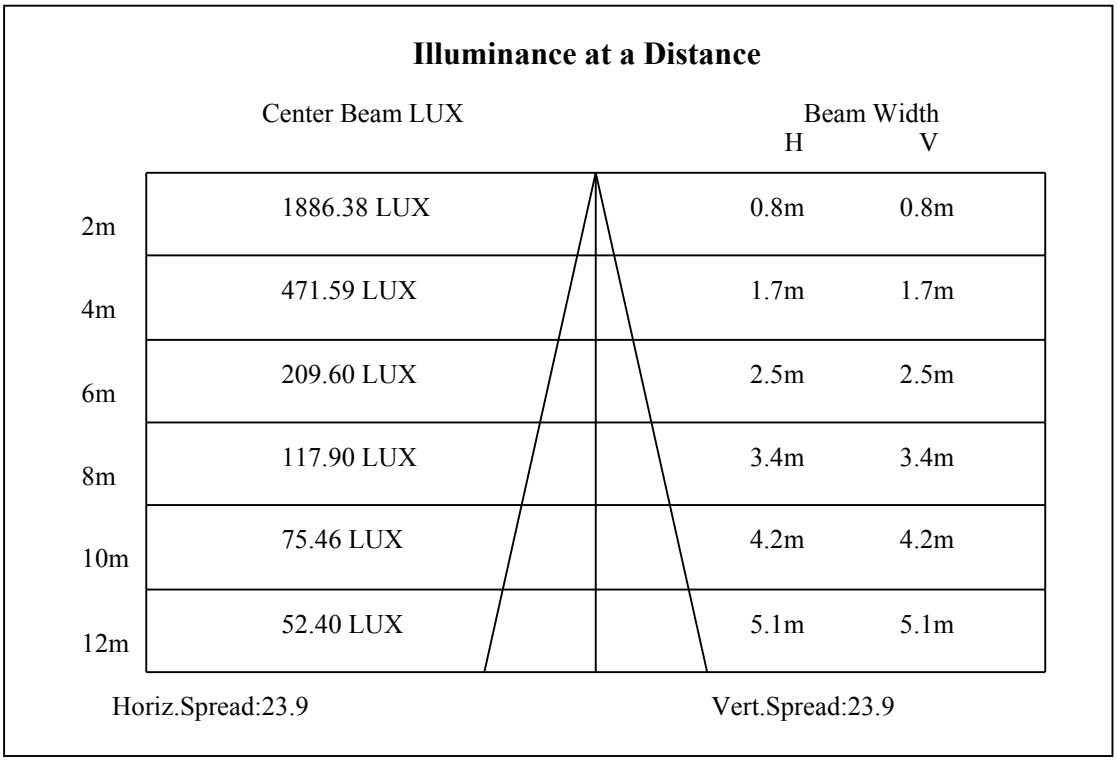
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:29.4 Right:29.4
:C90/270Left:29.4 Right:29.4

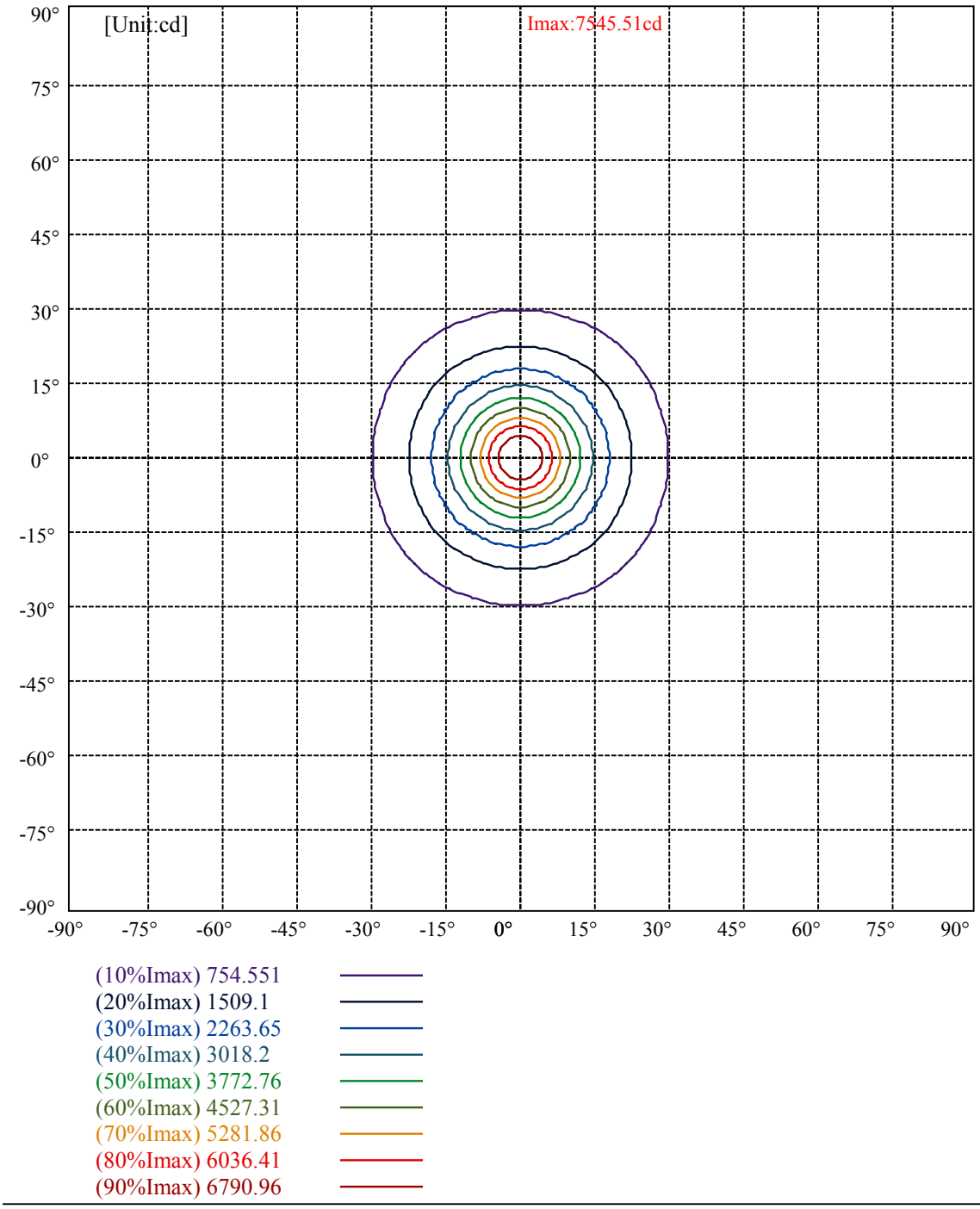
Beam Angle(50%Imax):C0/180Left:11.9 Right:11.9
:C90/270Left:11.9 Right:11.9

Lux distance Curve



Equipment: GMS1980 Date: 2024/3/15 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)

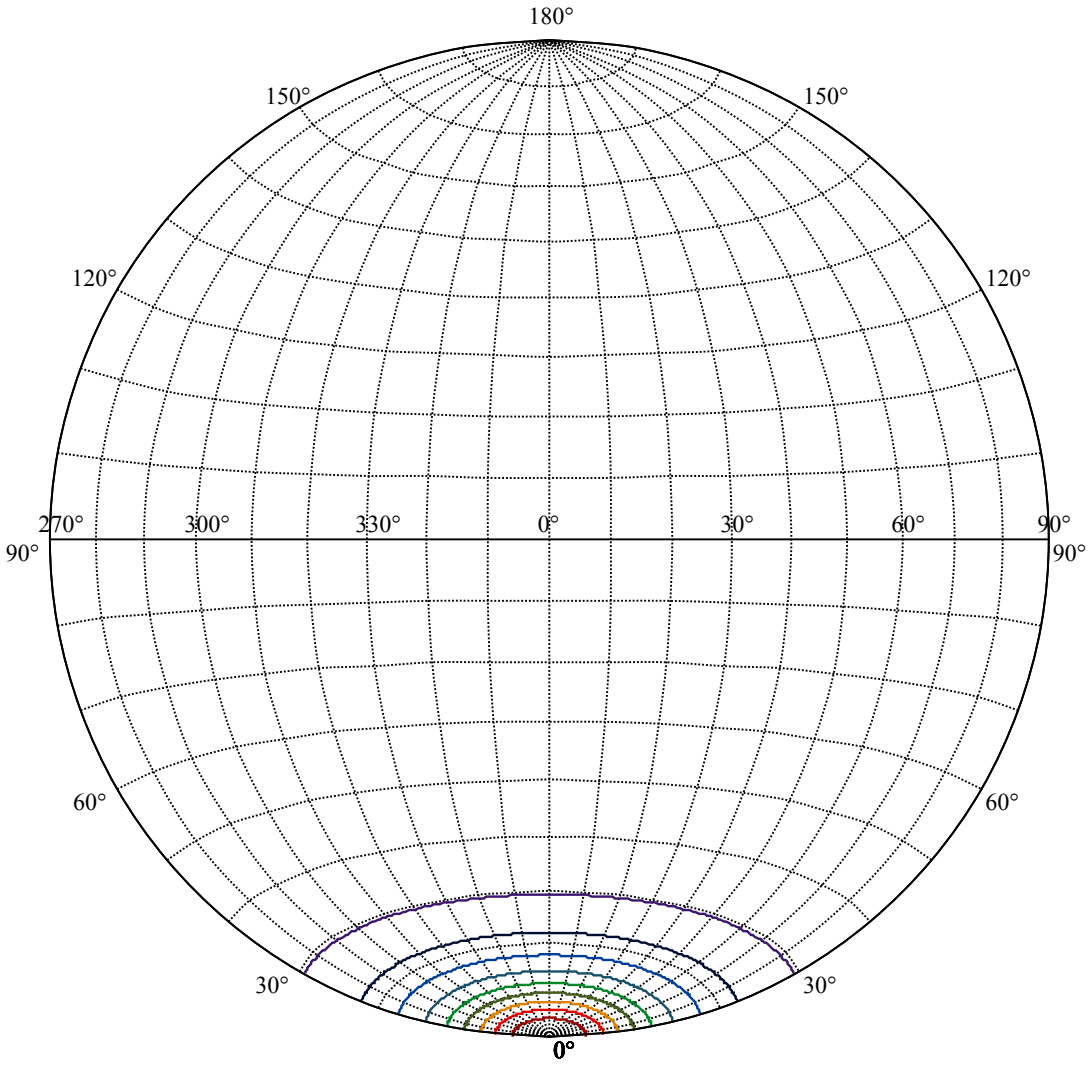


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/15
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



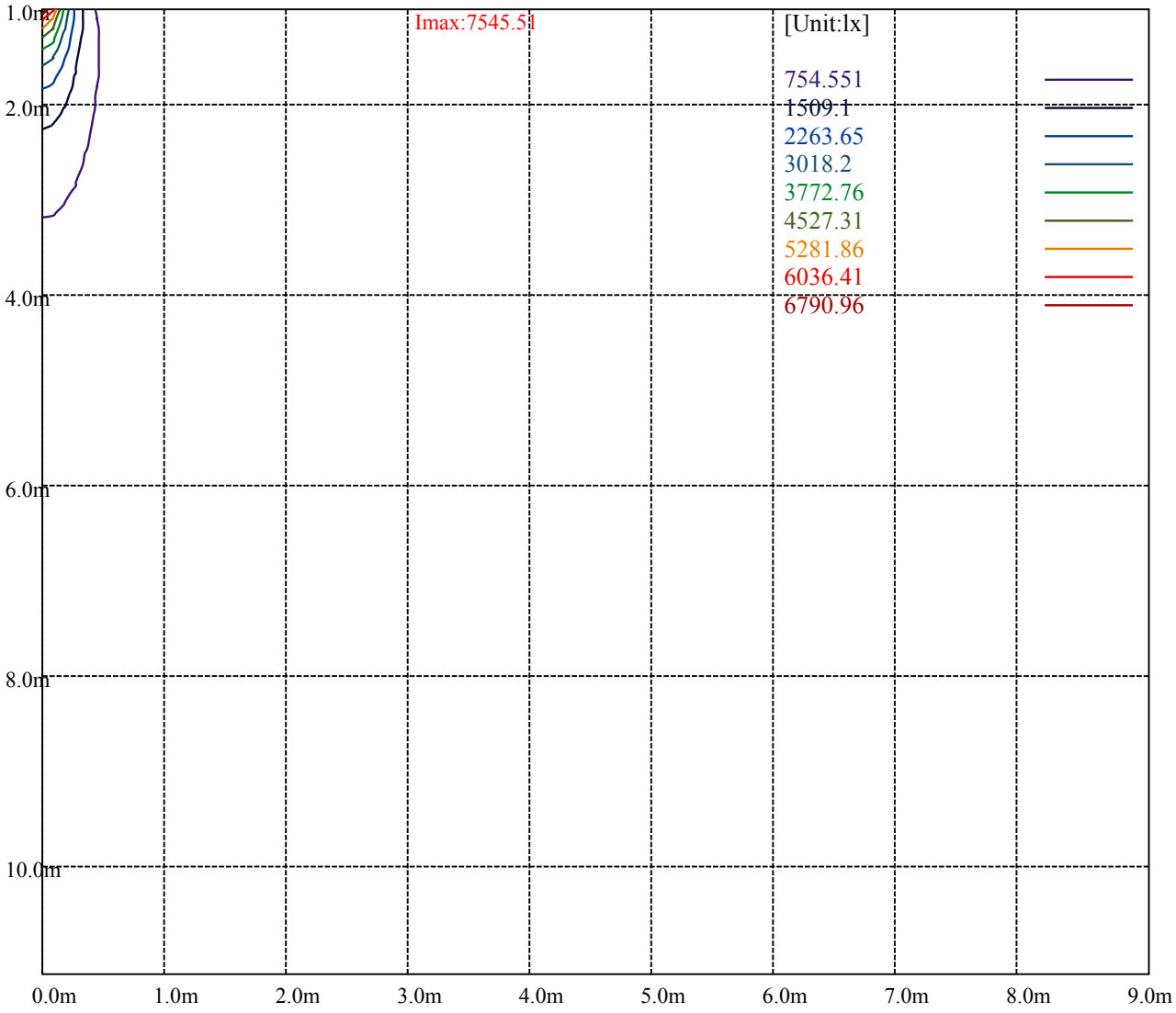
House [Unit:cd] Road

Imax:7545.51

(10%Imax) 754.551
(20%Imax) 1509.1
(30%Imax) 2263.65
(40%Imax) 3018.2
(50%Imax) 3772.76
(60%Imax) 4527.31
(70%Imax) 5281.86
(80%Imax) 6036.41
(90%Imax) 6790.96

Equipment: GMS1980 Date: 2024/3/15 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/15
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

NT 3-2806-L

Luminance Limitting Curve(no luminous side)

Luminance Table

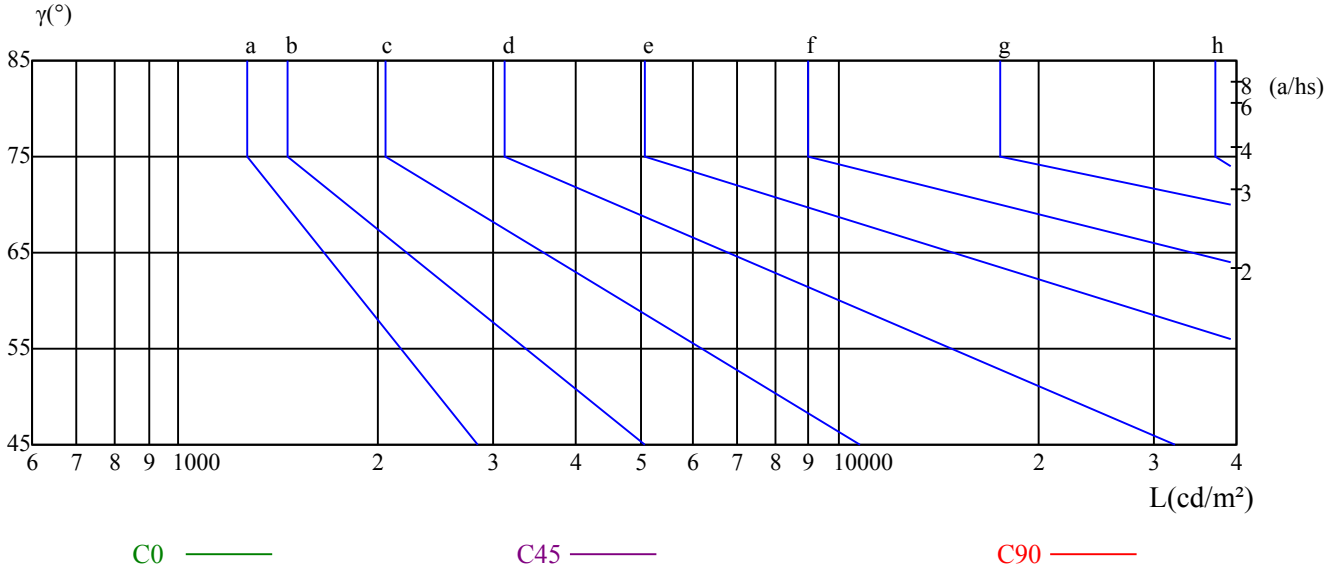
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

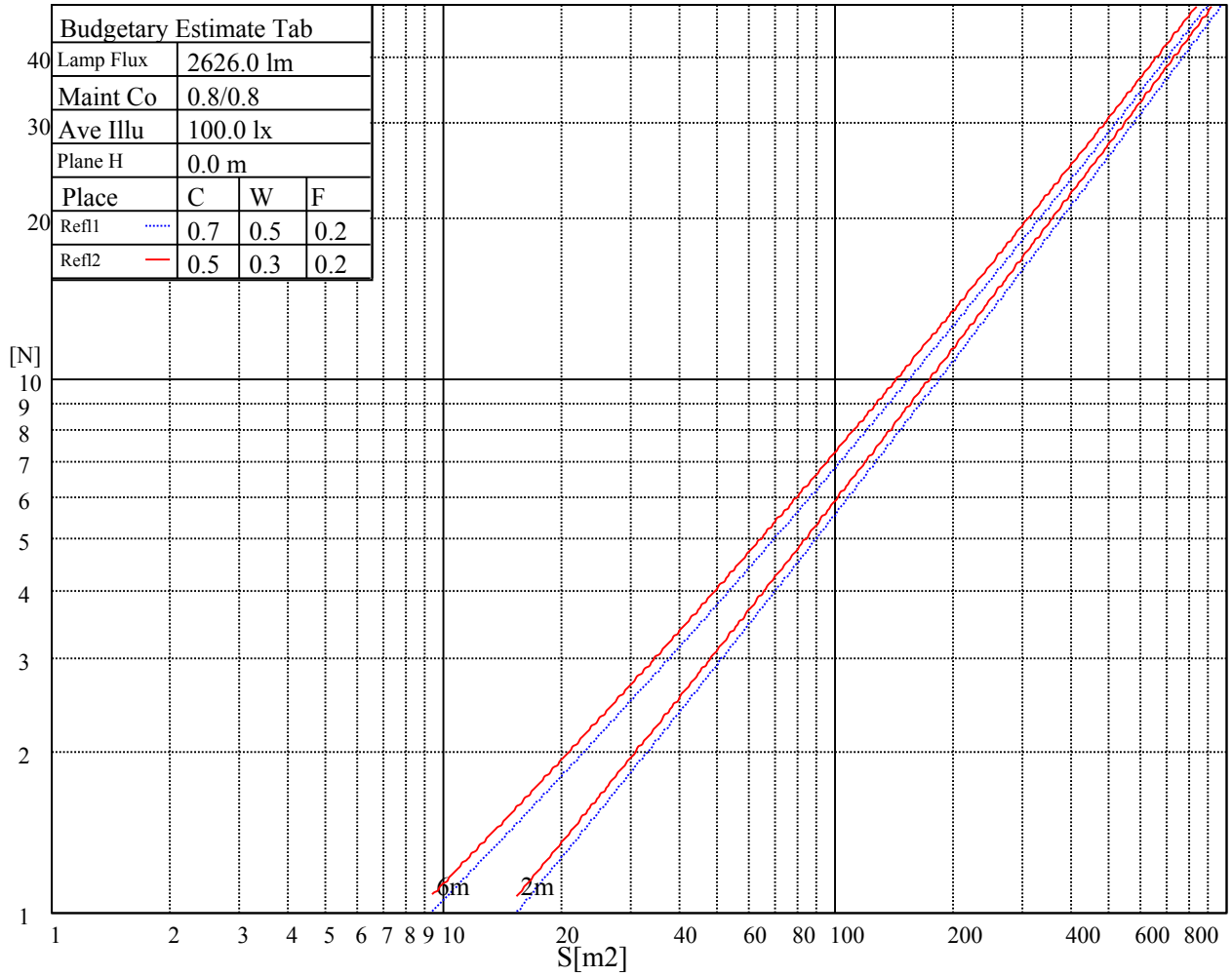
Date: 2024/3/15
Humidity(%): 60.0%

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

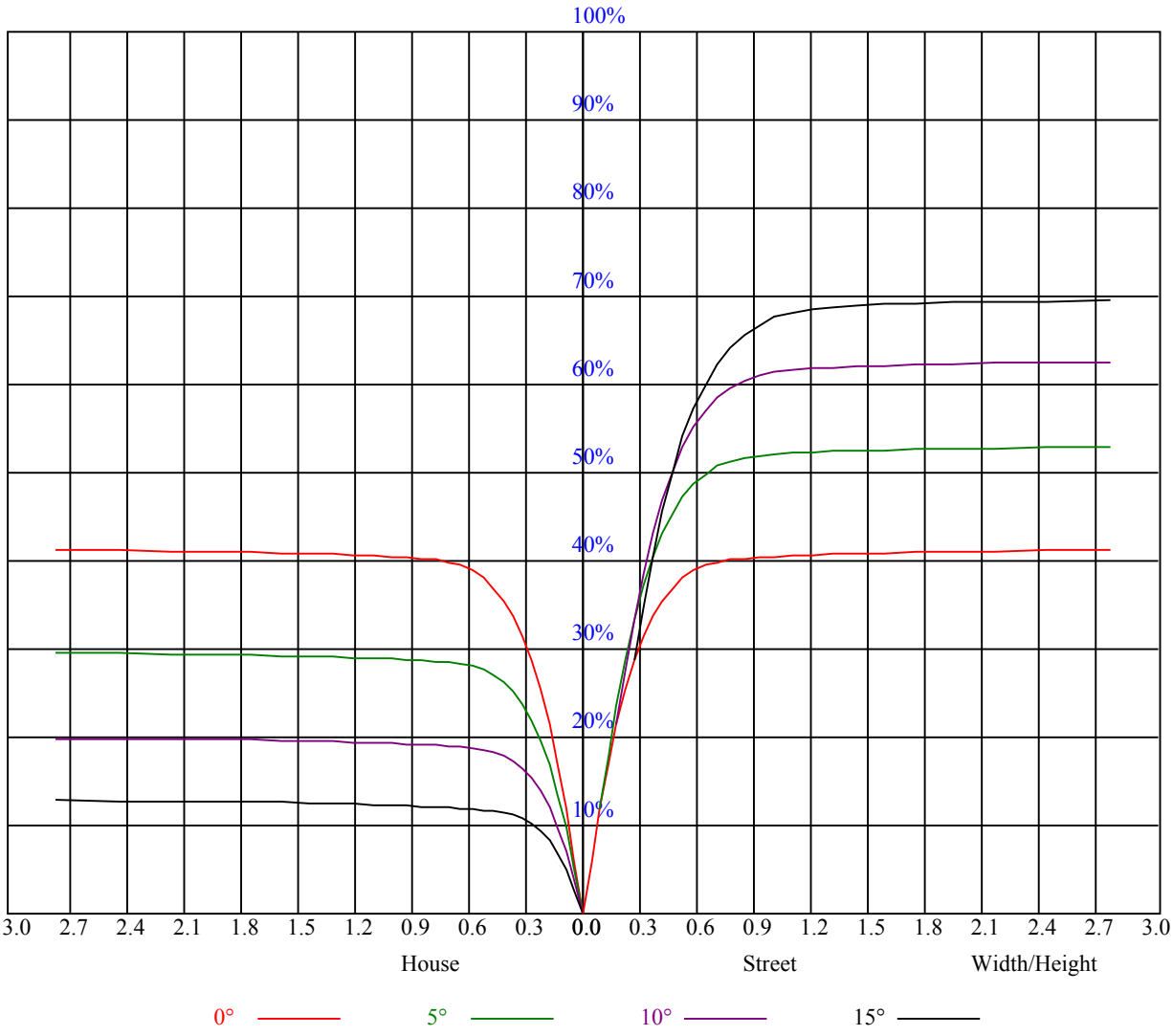


Equipment: GMS1980 Date: 2024/3/15 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

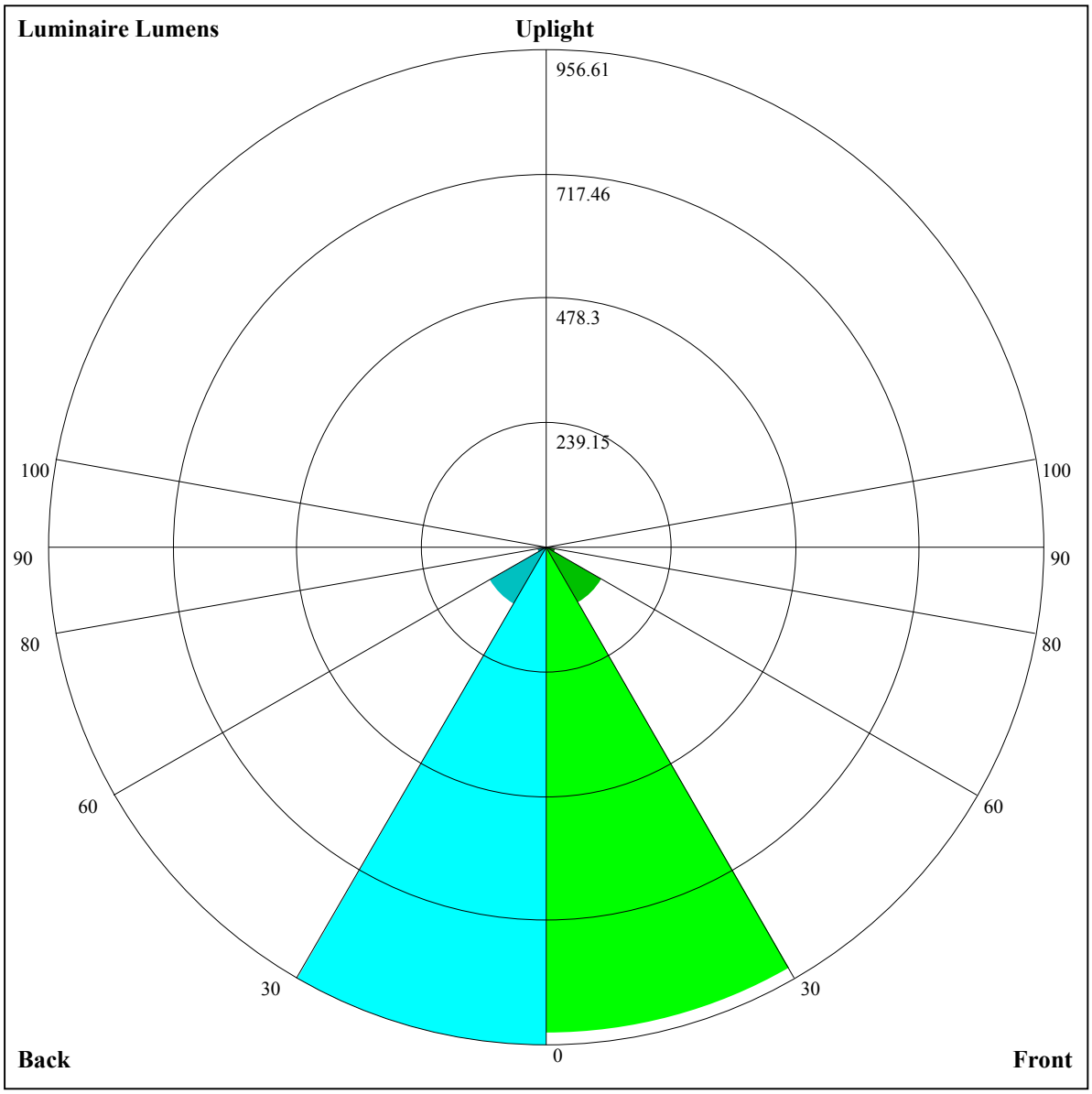
Utilization factor table for indoor luminaire

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	0.99	0.99	0.99	0.97	0.97	0.97	0.92	0.92	0.92	0.89	0.89	0.89	0.85	0.85	0.85	0.83
1	0.93	0.91	0.89	0.91	0.89	0.88	0.88	0.86	0.85	0.85	0.84	0.83	0.82	0.81	0.80	0.79
2	0.87	0.84	0.82	0.86	0.83	0.81	0.83	0.81	0.79	0.81	0.79	0.78	0.79	0.77	0.76	0.75
3	0.83	0.79	0.76	0.82	0.78	0.76	0.79	0.77	0.74	0.78	0.75	0.73	0.76	0.74	0.72	0.71
4	0.79	0.75	0.72	0.78	0.74	0.71	0.76	0.73	0.70	0.74	0.72	0.70	0.73	0.71	0.69	0.68
5	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.69	0.67	0.71	0.69	0.66	0.70	0.68	0.66	0.65
6	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
7	0.69	0.64	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.65	0.63	0.60	0.59
8	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.58	0.63	0.60	0.58	0.57
9	0.63	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.56	0.55
10	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.57	0.54	0.60	0.56	0.54	0.59	0.56	0.54	0.53

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/3/15	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=933.02,FM=122.11,FH=18.19,FVH=5.77
BL=956.61,BM=126.43,BH=18.83,BVH=5.89
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	7512.01	7400.81	7150.92	6855.38	6504.83	6021.44	5624.07	5221.44	4826.99
45.0	7583.40	7543.02	7455.24	7240.46	6967.16	6630.07	6240.90	5741.12	5334.38
90.0	7523.13	7390.87	7194.23	6912.15	6561.02	6068.84	5660.35	5253.62	4754.43
135.0	7563.51	7515.52	7366.87	7161.46	6775.79	6394.81	5991.59	5584.86	5080.40
180.0	7512.01	7567.60	7545.36	7459.92	7248.66	6988.23	6648.80	6263.72	5737.60
225.0	7583.40	7547.71	7422.47	7238.71	6879.38	6532.93	6142.58	5626.41	5205.05
270.0	7523.13	7576.38	7552.97	7465.19	7253.34	6994.67	6572.14	6185.89	5769.79
315.0	7563.51	7542.44	7424.81	7263.29	7023.93	6696.20	6324.59	5824.80	5417.49
360.0	7512.01	7400.81	7150.92	6855.38	6504.83	6021.44	5624.07	5221.44	4826.99

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4362.33	4023.48	3701.61	3401.97	3057.27	2810.31	2583.24	2334.52	2165.39
45.0	4932.33	4550.18	4110.68	3784.71	3478.05	3117.55	2857.13	2565.68	2366.71
90.0	4377.54	4031.67	3635.48	3341.69	3071.90	2767.00	2545.79	2353.83	2178.85
135.0	4695.90	4331.89	3912.29	3605.63	3320.63	3050.25	2749.45	2540.52	2350.32
180.0	5336.73	4928.82	4537.89	4098.39	3768.32	3465.18	3186.02	2868.83	2644.11
225.0	4803.00	4417.34	3991.29	3674.69	3383.83	3108.77	2802.70	2585.00	2387.78
270.0	5261.82	4868.55	4485.22	4058.01	3740.82	3448.79	3167.30	2908.04	2622.45
315.0	5019.53	4539.65	4178.57	3852.59	3483.32	3202.41	2944.33	2659.91	2459.17
360.0	4362.33	4023.48	3701.61	3401.97	3057.27	2810.31	2583.24	2334.52	2165.39

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1973.44	1831.23	1690.19	1554.42	1152.43	1152.43	1120.24	1016.24	920.56
45.0	2187.63	2025.52	1840.59	1704.82	1573.73	1444.98	1288.14	1159.39	1040.00
90.0	1978.70	1837.08	1703.65	1571.39	1312.13	1145.52	1145.52	1029.06	927.58
135.0	2132.62	1979.29	1804.31	1666.19	1538.03	1411.04	1246.00	1112.57	996.70
180.0	2395.97	2223.33	2060.05	1873.36	1731.74	1594.80	1462.54	1302.18	1168.17
225.0	2168.32	2003.28	1823.03	1685.51	1553.83	1164.25	1164.25	1132.41	1011.33
270.0	2424.65	2249.08	2048.93	1902.62	1727.06	1592.46	1457.85	1299.84	1175.78
315.0	2276.00	2068.24	1917.84	1778.56	1642.20	1478.92	1158.86	1158.86	1096.48
360.0	1973.44	1831.23	1690.19	1554.42	1152.43	1152.43	1120.24	1016.24	920.56

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	855.01	777.76	697.47	592.60	507.92	422.53	320.70	242.22	156.37
45.0	934.08	874.38	804.16	708.18	623.91	515.06	430.20	345.93	306.13
90.0	870.23	781.80	703.32	618.00	505.99	417.32	332.76	252.17	164.16
135.0	920.03	842.78	769.04	685.36	573.58	485.21	398.60	295.01	295.01
180.0	1041.76	948.12	870.29	798.89	720.47	606.35	521.49	405.62	320.18
225.0	910.73	847.11	767.11	681.03	573.05	486.97	401.29	318.89	224.55
270.0	1051.12	957.49	872.63	791.87	707.60	620.40	508.03	419.66	335.98
315.0	975.57	907.33	837.98	755.76	648.49	561.11	449.22	360.97	276.46
360.0	855.01	777.76	697.47	592.60	507.92	422.53	320.70	242.22	156.37

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	112.71	96.91	87.43	78.24	72.22	66.31	61.21	55.71	51.50
45.0	306.13	123.83	98.14	88.02	77.83	71.46	65.72	60.57	55.30
90.0	111.02	86.85	78.60	70.17	64.73	59.63	54.02	50.27	46.35
135.0	203.54	93.40	80.88	73.15	65.72	60.40	55.83	51.85	47.40
180.0	300.28	300.28	107.04	86.15	78.36	71.28	64.37	59.52	55.19
225.0	158.89	109.73	87.37	79.77	71.51	66.19	61.45	57.00	52.03
270.0	313.74	220.69	112.07	87.43	79.71	72.92	66.19	61.51	57.00
315.0	185.11	126.94	95.63	85.56	76.08	70.29	65.14	60.28	55.25
360.0	112.71	96.91	87.43	78.24	72.22	66.31	61.21	55.71	51.50

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	47.87	44.71	41.08	38.68	35.76	33.94	32.30	30.49	29.38
45.0	51.21	47.46	43.77	40.85	37.75	35.52	33.65	32.01	30.37
90.0	42.25	39.74	36.58	34.59	32.71	31.19	29.55	28.38	27.39
135.0	43.83	40.97	38.45	35.93	33.47	31.72	30.02	28.85	27.80
180.0	51.32	46.58	43.37	40.73	37.57	35.52	33.30	31.72	30.37
225.0	48.22	44.89	42.02	38.80	36.69	34.70	32.54	31.13	29.79
270.0	52.90	47.87	44.48	41.61	38.92	36.11	34.00	32.25	30.67
315.0	51.21	47.46	43.54	40.67	38.10	35.29	33.30	31.25	29.73
360.0	47.87	44.71	41.08	38.68	35.76	33.94	32.30	30.49	29.38

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	28.38	27.27	26.80	26.34	25.69	25.05	24.52	23.35	22.41
45.0	29.14	28.15	27.33	26.63	26.04	25.52	25.05	24.40	23.41
90.0	26.63	25.57	25.16	24.93	24.35	23.82	23.53	22.30	21.36
135.0	26.63	25.75	25.05	24.76	24.35	23.76	23.64	22.94	21.83
180.0	28.91	27.86	27.10	26.34	25.81	25.46	24.99	24.58	24.05
225.0	28.44	27.56	26.69	26.16	25.75	25.28	24.81	24.35	23.29
270.0	28.97	27.86	26.69	25.87	25.40	24.93	24.35	23.99	23.58
315.0	28.50	27.45	26.22	25.57	25.22	24.76	24.17	23.94	23.17
360.0	28.38	27.27	26.80	26.34	25.69	25.05	24.52	23.35	22.41

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	21.42	20.19	19.14	18.73	18.26	18.43	18.67	19.02	19.25
45.0	22.24	21.30	20.25	19.14	18.49	18.55	19.31	19.84	18.84
90.0	20.66	19.25	18.49	17.79	16.85	15.92	15.39	14.98	14.69
135.0	21.07	20.25	18.84	18.08	17.44	16.27	15.68	14.98	14.57
180.0	23.06	22.18	21.24	20.01	18.96	18.38	18.02	18.08	18.43
225.0	22.47	21.95	22.36	23.41	24.81	24.81	24.35	23.88	23.99
270.0	22.59	21.59	20.89	19.84	18.73	18.08	17.38	16.68	16.39
315.0	21.83	21.13	20.07	18.73	18.14	17.26	16.27	15.68	15.22
360.0	21.42	20.19	19.14	18.73	18.26	18.43	18.67	19.02	19.25

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	19.02	18.73	18.67	18.08	18.02	18.02	17.67	16.15	14.86
45.0	18.61	19.08	18.73	17.44	17.21	17.09	15.68	15.98	14.86
90.0	14.46	14.22	13.93	13.52	13.17	12.70	12.41	12.06	11.59
135.0	14.16	13.93	13.64	13.34	12.99	12.64	12.23	11.88	11.65
180.0	18.49	18.55	18.14	17.56	17.38	16.62	16.50	16.15	15.68
225.0	24.81	24.76	23.17	22.18	22.24	20.54	19.55	19.43	18.32
270.0	16.09	15.80	15.57	15.39	15.10	14.57	14.10	13.46	12.99
315.0	14.75	14.28	13.93	13.58	13.28	12.93	12.64	12.35	12.06
360.0	19.02	18.73	18.67	18.08	18.02	18.02	17.67	16.15	14.86

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	12.47	11.00	10.71	10.42	10.12	9.71	9.54	9.48	9.48
45.0	13.99	11.70	10.89	10.59	10.30	9.95	9.71	9.48	9.31
90.0	11.24	10.89	10.42	10.12	9.83	9.66	9.48	9.36	9.36
135.0	11.24	10.94	10.48	10.30	9.89	9.71	9.60	9.48	9.31
180.0	15.39	14.28	12.35	11.06	10.65	10.30	9.83	9.60	9.42
225.0	16.27	12.58	10.94	10.65	10.42	9.89	9.66	9.42	9.25
270.0	12.58	12.06	11.59	11.12	10.65	10.36	9.95	9.60	9.42
315.0	11.76	11.41	11.12	10.77	10.48	10.24	9.83	9.60	9.54
360.0	12.47	11.00	10.71	10.42	10.12	9.71	9.54	9.48	9.48

Intensity data(cd)

C/γ(°)	90.0
0.0	9.36
45.0	9.42
90.0	9.36
135.0	9.31
180.0	9.19
225.0	9.31
270.0	9.25
315.0	9.25
360.0	9.36