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NT

Client:
LumCAT: 1-1207-L
Luminaire: 92.70.427.00
Report No: 2024723-B012
Ballast type: AC

Test No: 2024723-C012	Voltage(V): 34.810
LampCAT: BRIDGELUX V10B LES10	Current(A): 0.360
Lamp flux(lm): 1647.0	Power (W): 12.538
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1511.13, Efficiency(%): 91.75% , Luminous Efficacy(lm/W): 120.52
Central intensity(cd): 5090.712, Maximum intensity(cd): 5090.712
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=26.8
[C90/270]Total=26.8
Field angle(10%Imax): [C0/180]Total=57.6
[C90/270]Total=57.6
Maximum s/h(1/2): C0_180=0.45 C90_270=0.45
Maximum s/h(1/4): C0_180=0.45 C90_270=0.45
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 91.75%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.006%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5090.711	0.000	0	0.00%	0.00%
1.0	5080.031	4.867	4.867	0.30%	0.32%
2.0	5026.995	14.507	19.373	0.88%	1.28%
3.0	4945.576	23.851	43.224	1.45%	2.86%
4.0	4826.043	32.709	75.933	1.99%	5.02%
5.0	4680.249	40.896	116.829	2.48%	7.73%
6.0	4508.778	48.291	165.119	2.93%	10.93%
7.0	4298.609	54.667	219.787	3.32%	14.54%
8.0	4061.813	59.834	279.621	3.63%	18.50%
9.0	3817.042	63.854	343.474	3.88%	22.73%
10.0	3547.912	66.650	410.125	4.05%	27.14%
11.0	3253.397	67.959	478.084	4.13%	31.64%
12.0	2951.860	67.832	545.916	4.12%	36.13%
13.0	2660.199	66.601	612.517	4.04%	40.53%
14.0	2371.683	64.408	676.925	3.91%	44.80%
15.0	2066.510	60.929	737.854	3.70%	48.83%
16.0	1808.031	56.773	794.627	3.45%	52.59%
17.0	1608.901	53.211	847.838	3.23%	56.11%
18.0	1364.481	49.025	896.862	2.98%	59.35%
19.0	1251.613	45.515	942.377	2.76%	62.36%
20.0	1133.076	43.646	986.023	2.65%	65.25%
21.0	1020.259	41.348	1027.372	2.51%	67.99%
22.0	931.525	39.222	1066.594	2.38%	70.58%
23.0	856.813	37.524	1104.118	2.28%	73.07%
24.0	797.976	36.180	1140.298	2.20%	75.46%
25.0	739.893	34.968	1175.265	2.12%	77.77%
26.0	684.450	33.622	1208.887	2.04%	80.00%
27.0	624.896	32.033	1240.921	1.94%	82.12%
28.0	562.745	30.069	1270.989	1.83%	84.11%
29.0	496.520	27.713	1298.702	1.68%	85.94%
30.0	432.108	25.073	1323.775	1.52%	87.60%
31.0	361.603	22.088	1345.863	1.34%	89.06%
32.0	306.314	19.135	1364.998	1.16%	90.33%
33.0	258.026	16.626	1381.624	1.01%	91.43%
34.0	204.631	14.001	1395.625	0.85%	92.36%
35.0	163.088	11.420	1407.045	0.69%	93.11%
36.0	124.646	9.161	1416.207	0.56%	93.72%
37.0	87.908	6.932	1423.139	0.42%	94.18%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	73.504	5.388	1428.527	0.33%	94.53%
39.0	62.956	4.658	1433.184	0.28%	94.84%
40.0	56.606	4.170	1437.354	0.25%	95.12%
41.0	50.922	3.829	1441.183	0.23%	95.37%
42.0	46.123	3.526	1444.709	0.21%	95.60%
43.0	41.997	3.264	1447.973	0.20%	95.82%
44.0	38.223	3.028	1451.001	0.18%	96.02%
45.0	34.675	2.802	1453.803	0.17%	96.21%
46.0	31.588	2.591	1456.394	0.16%	96.38%
47.0	28.683	2.397	1458.791	0.15%	96.54%
48.0	26.372	2.226	1461.017	0.14%	96.68%
49.0	24.419	2.086	1463.102	0.13%	96.82%
50.0	22.729	1.966	1465.068	0.12%	96.95%
51.0	21.331	1.864	1466.932	0.11%	97.08%
52.0	20.132	1.779	1468.711	0.11%	97.19%
53.0	19.122	1.708	1470.419	0.10%	97.31%
54.0	18.237	1.647	1472.066	0.10%	97.42%
55.0	17.432	1.592	1473.658	0.10%	97.52%
56.0	16.752	1.545	1475.203	0.09%	97.62%
57.0	16.116	1.503	1476.705	0.09%	97.72%
58.0	15.574	1.465	1478.171	0.09%	97.82%
59.0	15.018	1.430	1479.601	0.09%	97.91%
60.0	14.506	1.395	1480.996	0.08%	98.01%
61.0	14.031	1.362	1482.358	0.08%	98.10%
62.0	13.548	1.329	1483.687	0.08%	98.18%
63.0	13.109	1.296	1484.983	0.08%	98.27%
64.0	12.663	1.265	1486.248	0.08%	98.35%
65.0	12.253	1.233	1487.481	0.07%	98.44%
66.0	11.858	1.203	1488.684	0.07%	98.51%
67.0	11.470	1.173	1489.857	0.07%	98.59%
68.0	11.149	1.146	1491.003	0.07%	98.67%
69.0	10.827	1.121	1492.124	0.07%	98.74%
70.0	10.534	1.097	1493.221	0.07%	98.82%
71.0	10.256	1.075	1494.295	0.07%	98.89%
72.0	9.993	1.053	1495.348	0.06%	98.96%
73.0	9.744	1.032	1496.38	0.06%	99.02%
74.0	9.495	1.011	1497.392	0.06%	99.09%
75.0	9.290	0.993	1498.384	0.06%	99.16%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	9.034	0.973	1499.357	0.06%	99.22%
77.0	8.830	0.952	1500.309	0.06%	99.28%
78.0	8.610	0.934	1501.243	0.06%	99.35%
79.0	8.413	0.915	1502.158	0.06%	99.41%
80.0	8.222	0.897	1503.054	0.05%	99.47%
81.0	8.061	0.881	1503.935	0.05%	99.52%
82.0	7.879	0.864	1504.8	0.05%	99.58%
83.0	7.718	0.848	1505.647	0.05%	99.64%
84.0	7.557	0.832	1506.479	0.05%	99.69%
85.0	7.396	0.816	1507.296	0.05%	99.75%
86.0	7.198	0.798	1508.093	0.05%	99.80%
87.0	7.037	0.779	1508.872	0.05%	99.85%
88.0	6.891	0.763	1509.635	0.05%	99.90%
89.0	6.789	0.750	1510.385	0.05%	99.95%
90.0	6.715	0.740	1511.126	0.04%	100.00%

Zonal flux distribution table

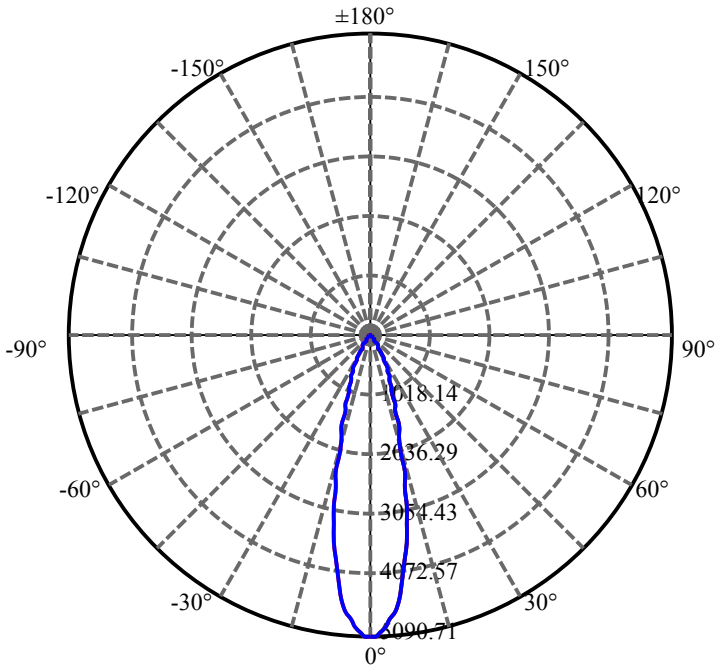
ZONAL LUMEN SUMMARY

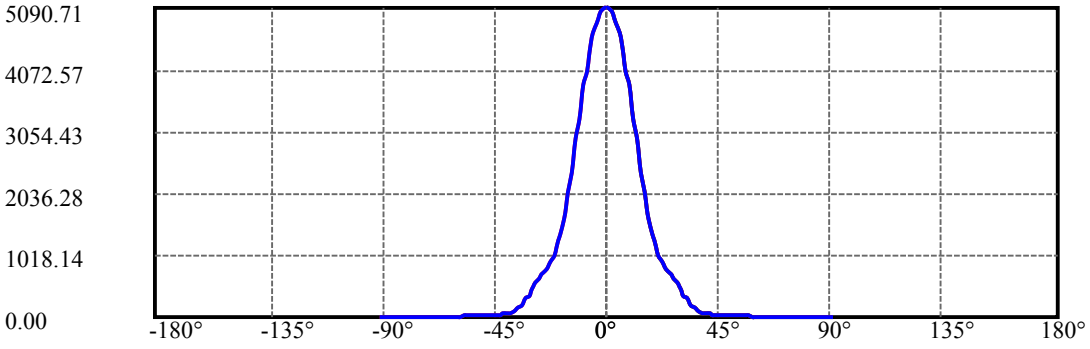
Zone	Lumens	%Lamp	%Fixt
0-30	1323.78	80.37%	87.60%
0-40	1437.35	87.27%	95.12%
0-60	1481.00	89.92%	98.01%
0-90	1510.39	91.71%	99.95%
0-120	1510.39	91.71%	99.95%
0-180	1511.13	91.75%	100.00%
60-90	29.39	1.78%	1.94%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-26.00	1208.90	73.40%	80.00%

ZONAL LUMEN SUMMARY

0-10	410.12
10-20	575.90
20-30	337.75
30-40	113.58
40-50	27.71
50-60	15.93
60-70	12.22
70-80	9.83
80-90	7.33
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):

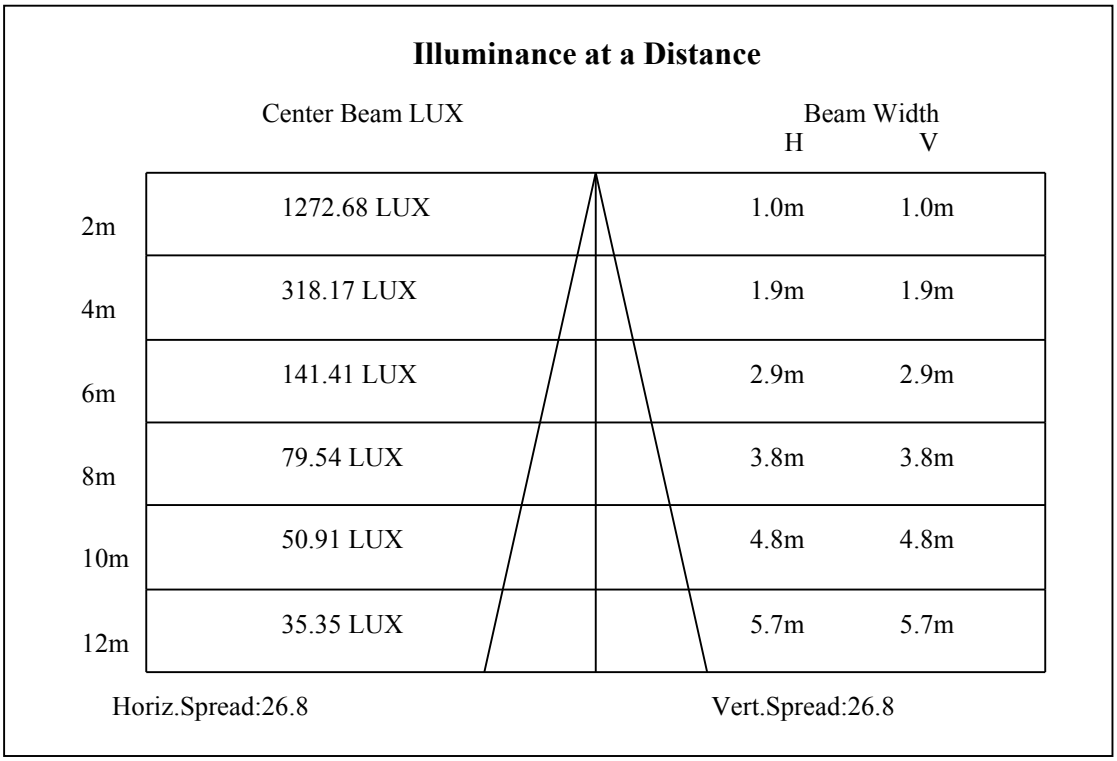
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:28.8 Right:28.8
:C90/270Left:28.8 Right:28.8

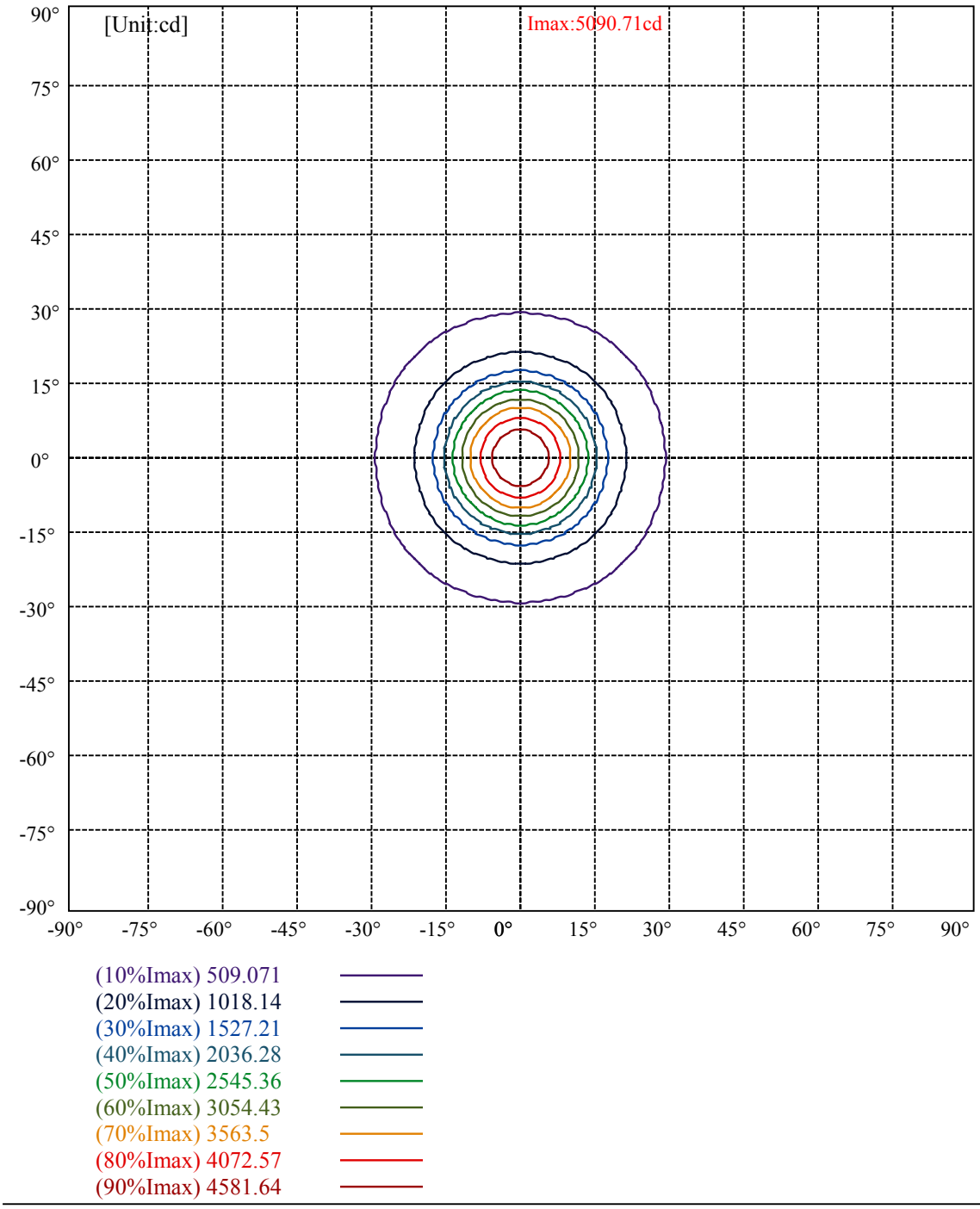
Beam Angle(50%Imax):C0/180Left:13.4 Right:13.4
:C90/270Left:13.4 Right:13.4

Lux distance Curve



Equipment: GMS1980 Date: 2024/7/23 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)



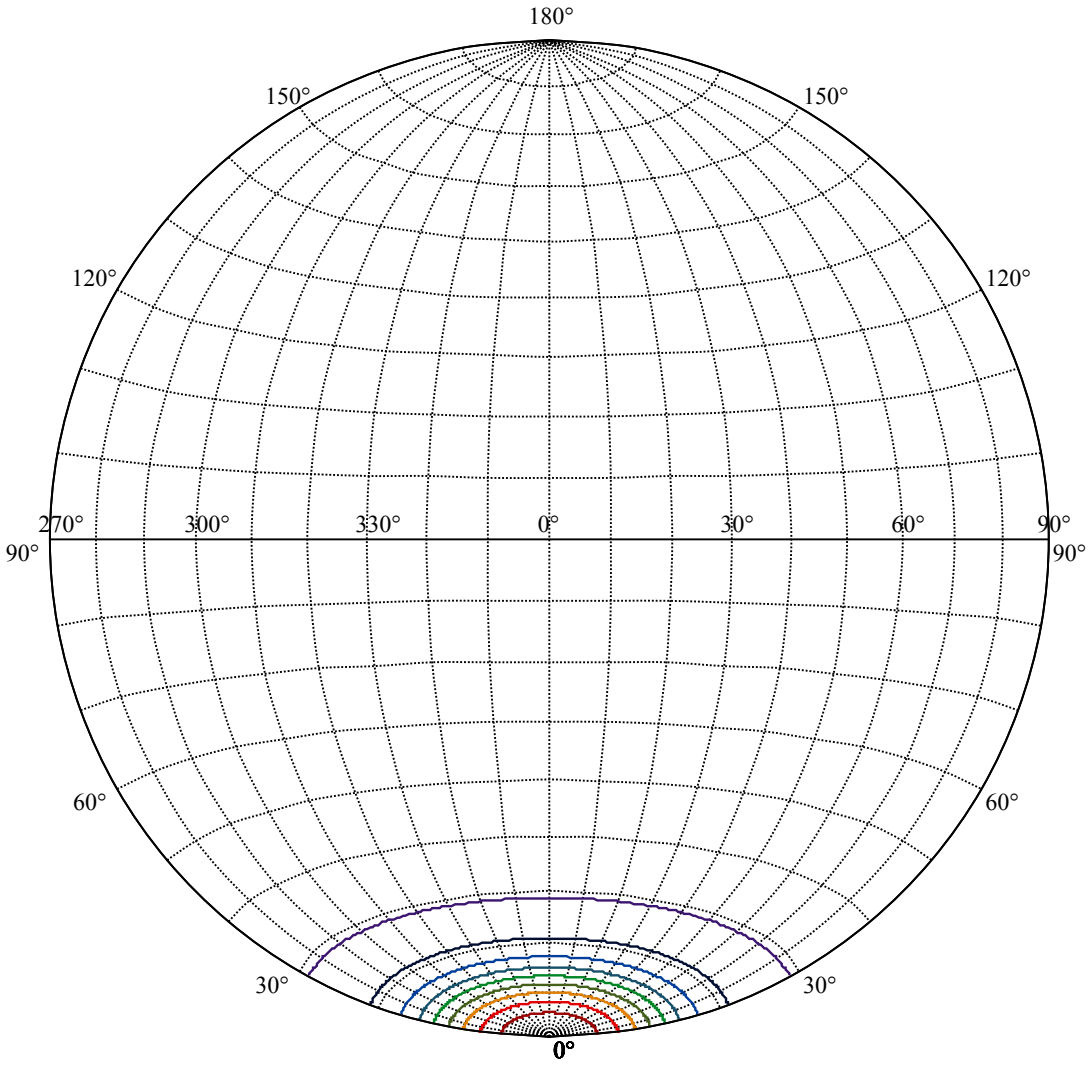
(10%Imax) 509.071
(20%Imax) 1018.14
(30%Imax) 1527.21
(40%Imax) 2036.28
(50%Imax) 2545.36
(60%Imax) 3054.43
(70%Imax) 3563.5
(80%Imax) 4072.57
(90%Imax) 4581.64

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/23
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



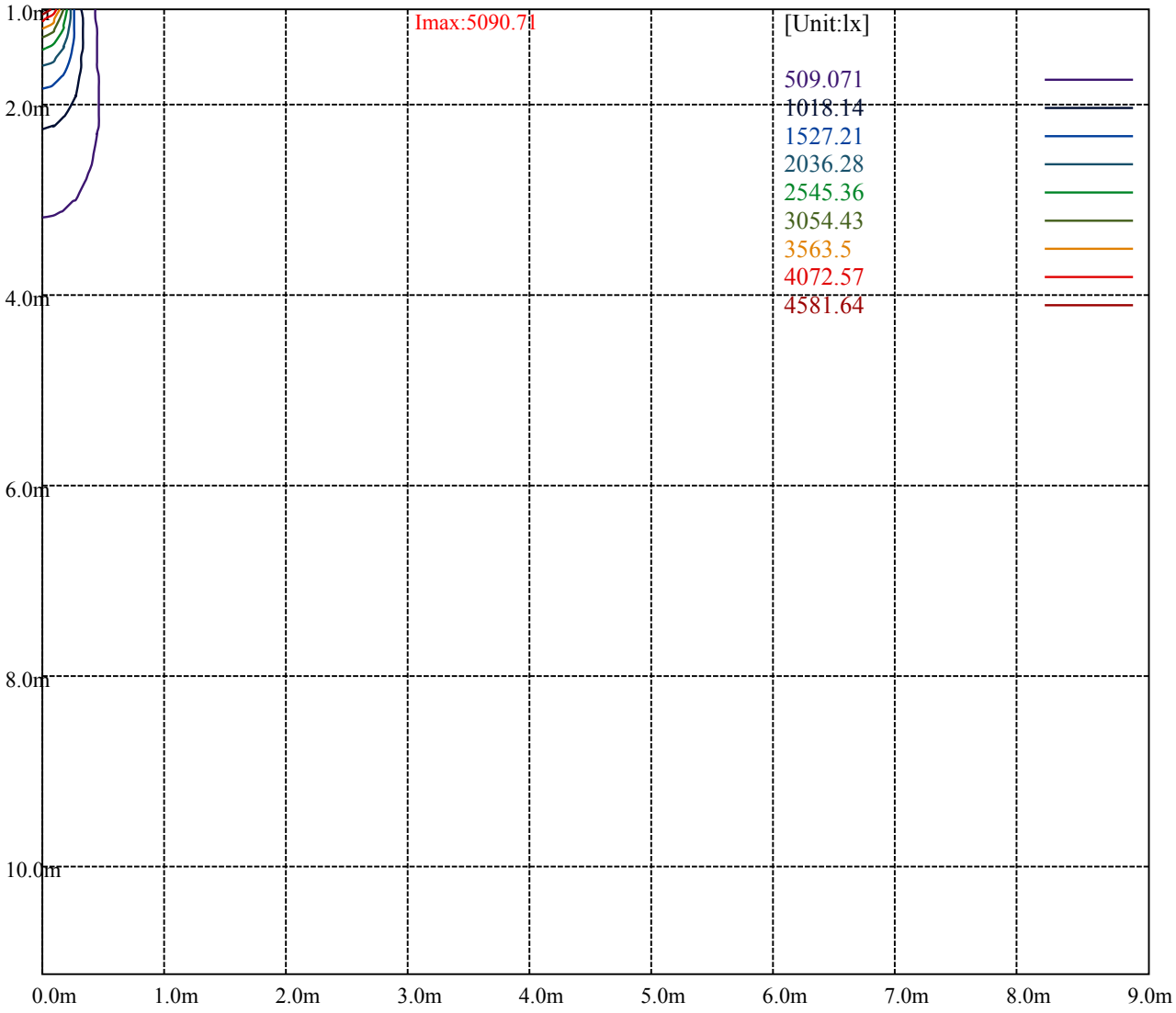
House [Unit:cd] Road

Imax:5090.71

(10%Imax) 509.071
(20%Imax) 1018.14
(30%Imax) 1527.21
(40%Imax) 2036.28
(50%Imax) 2545.36
(60%Imax) 3054.43
(70%Imax) 3563.5
(80%Imax) 4072.57
(90%Imax) 4581.64

Equipment: GMS1980 Date: 2024/7/23 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/23
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

NT 1-1207-L

Luminance Limitting Curve(no luminous side)

Luminance Table

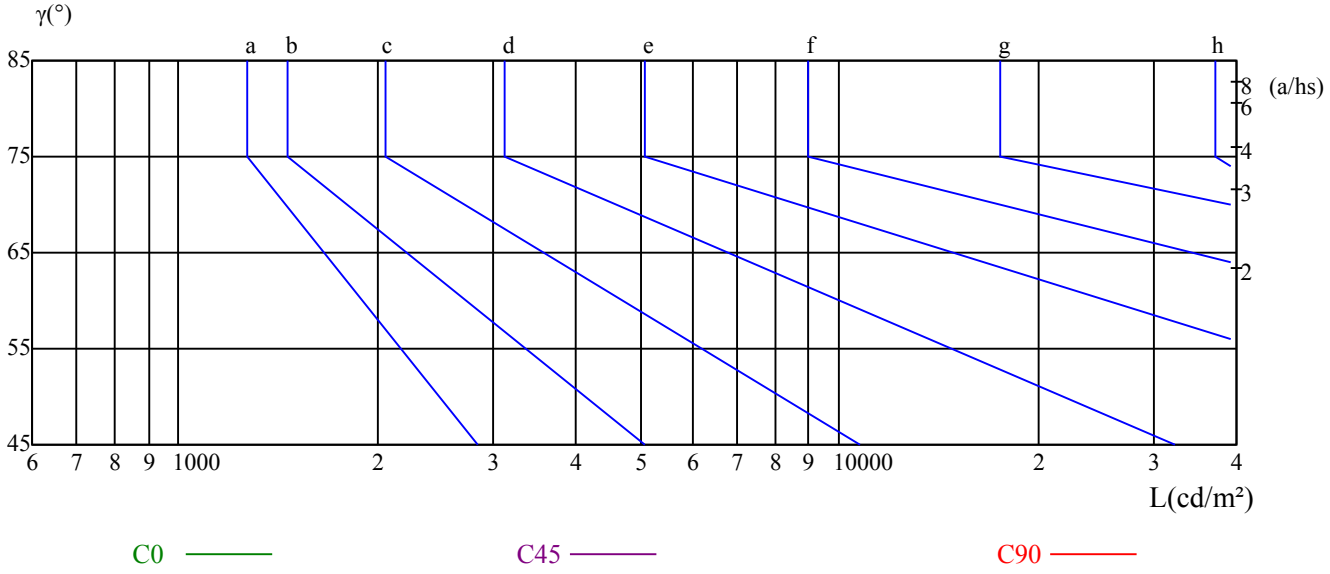
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

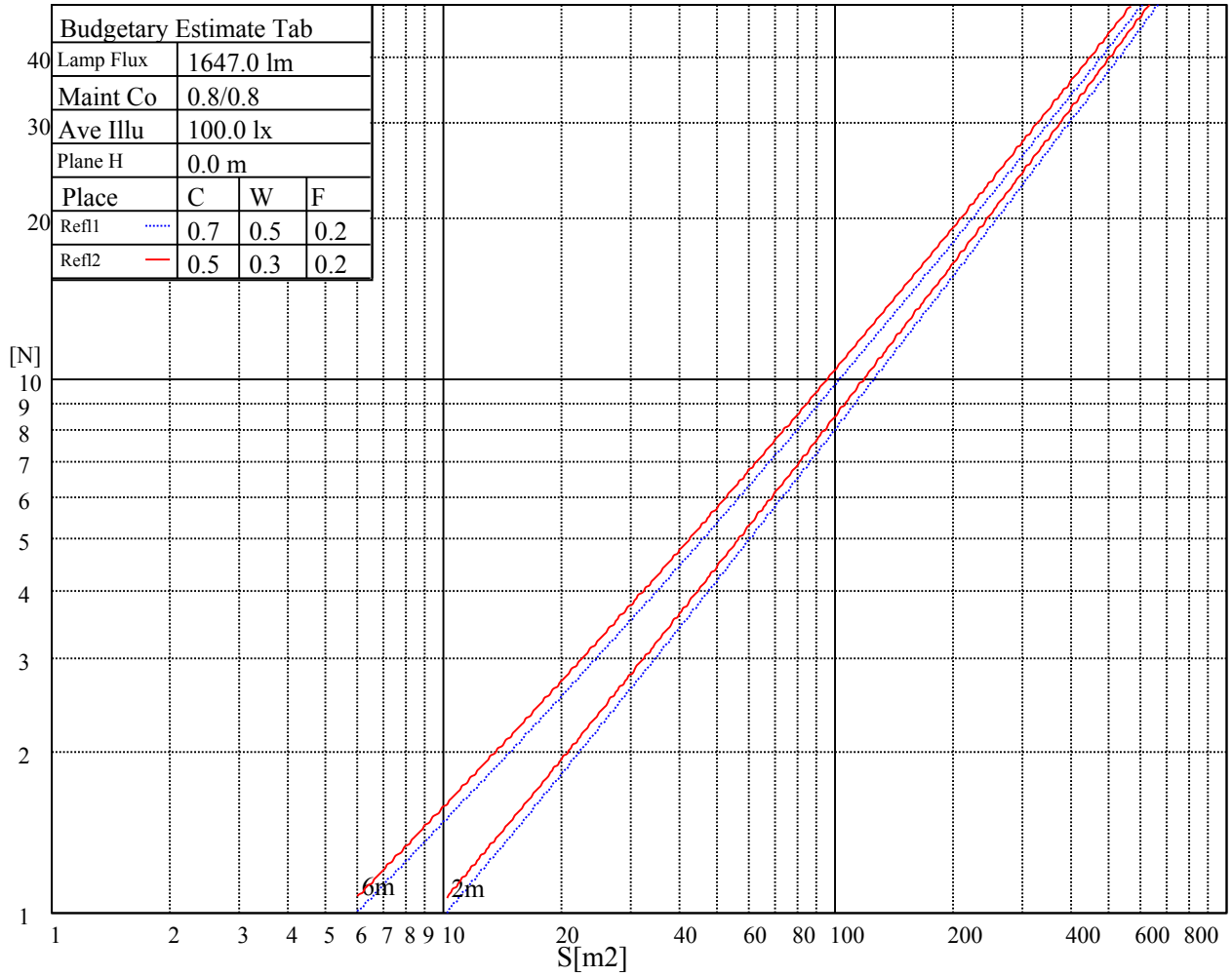
Date: 2024/7/23
Humidity(%): 60.0%

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

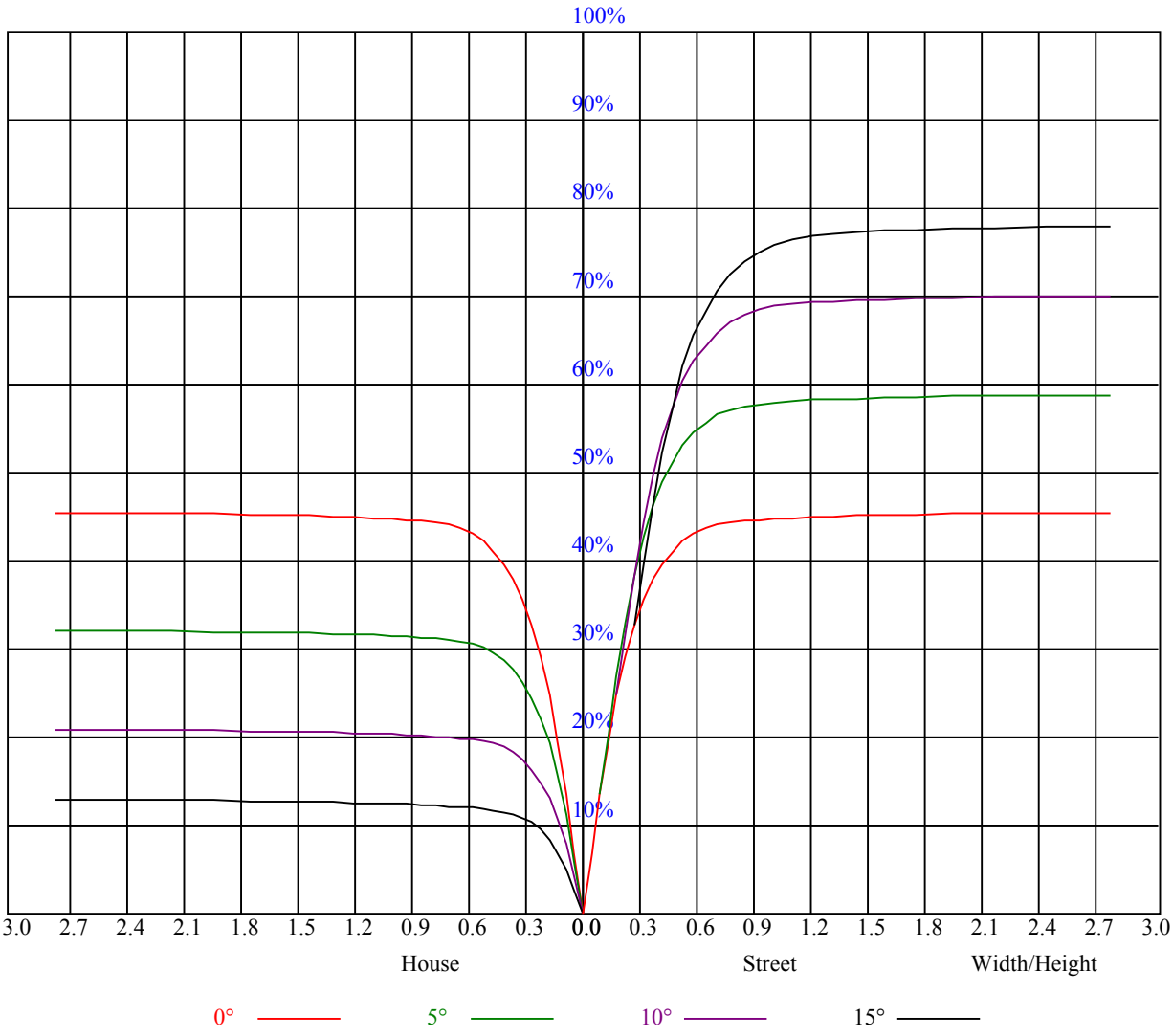


Equipment: GMS1980 Date: 2024/7/23 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

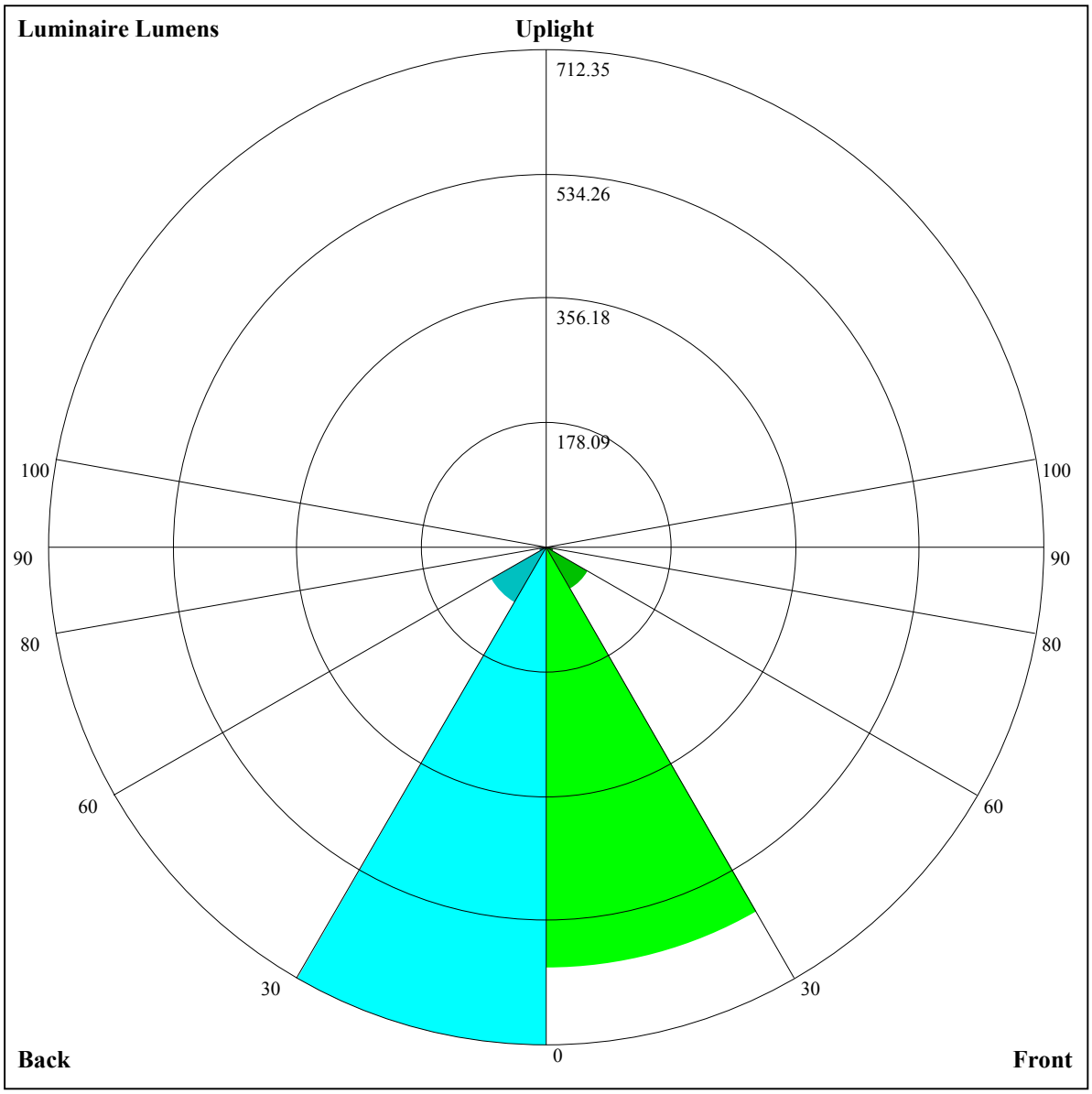
Utilization factor table for indoor luminaire

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	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
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	0.93	0.91	0.95	0.92	0.90	0.92	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.84	0.83
3	0.92	0.88	0.85	0.90	0.87	0.84	0.88	0.85	0.83	0.86	0.84	0.82	0.84	0.82	0.80	0.79
4	0.87	0.83	0.80	0.86	0.82	0.79	0.84	0.81	0.78	0.83	0.80	0.78	0.81	0.79	0.77	0.76
5	0.83	0.79	0.76	0.83	0.78	0.75	0.81	0.77	0.75	0.80	0.77	0.74	0.78	0.76	0.74	0.72
6	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.71	0.69
7	0.77	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.68	0.73	0.70	0.68	0.67
8	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.66	0.71	0.68	0.65	0.64
9	0.71	0.67	0.64	0.71	0.66	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.62
10	0.69	0.64	0.61	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.60

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/7/23	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=601.65,FM=68.46,FH=10.5,FVH=3.91
BL=712.35,BM=91.19,BH=11.48,BVH=4.13
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	5072.79	5023.63	4898.98	4766.72	4563.06	4375.20	4165.69	3871.32	3603.29
45.0	5104.98	5109.07	5086.83	5006.07	4899.56	4729.85	4562.47	4374.03	4101.32
90.0	5128.39	5126.63	5097.95	5004.32	4884.35	4728.09	4492.83	4287.42	4050.40
135.0	5056.99	5140.67	5152.38	5155.89	5117.85	5037.68	4934.09	4752.09	4583.54
180.0	5072.79	5119.61	5120.19	5092.69	5069.86	5030.65	4951.65	4862.11	4692.39
225.0	5104.98	5072.20	5010.75	4934.09	4859.18	4706.44	4558.96	4375.20	4172.71
270.0	5127.80	5084.49	5017.78	4924.73	4767.30	4608.12	4424.36	4152.23	3916.97
315.0	5056.99	4963.94	4831.09	4680.10	4447.18	4225.97	3980.17	3714.48	3373.88
360.0	5072.79	5023.63	4898.98	4766.72	4563.06	4375.20	4165.69	3871.32	3603.29

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3321.80	3027.43	2648.20	2355.59	2087.56	1780.90	1556.76	1160.33	1160.33
45.0	3874.25	3615.58	3338.77	2975.93	2688.58	2396.55	2108.62	1786.17	1557.34
90.0	3805.78	3487.41	3211.19	2928.52	2653.47	2310.53	2048.35	1804.31	1540.37
135.0	4314.92	4101.32	3857.28	3606.21	3262.69	2992.31	2719.01	2436.94	2109.21
180.0	4528.53	4330.14	4039.28	3791.15	3447.03	3159.69	2864.73	2505.41	2257.27
225.0	3942.13	3622.02	3372.12	3033.86	2753.54	2484.34	2161.29	1921.35	1694.28
270.0	3662.40	3394.36	3113.46	2760.56	2487.26	2222.74	1906.14	1682.58	1439.71
315.0	3086.54	2805.04	2446.88	2163.05	1901.45	1626.40	1167.17	1167.17	1112.69
360.0	3321.80	3027.43	2648.20	2355.59	2087.56	1780.90	1556.76	1160.33	1160.33

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1079.62	990.49	918.28	839.51	785.49	728.49	687.23	636.84	578.32
45.0	1374.17	1230.79	1092.67	999.04	909.50	846.29	797.72	745.05	702.91
90.0	1159.21	1159.21	1078.75	988.45	917.05	838.45	787.42	744.11	702.74
135.0	1867.51	1652.15	1465.46	1275.26	1154.12	1027.13	948.71	879.65	808.25
180.0	1986.31	1748.13	1493.55	1301.60	1145.34	1036.49	951.05	863.85	805.33
225.0	1159.80	1159.80	1126.85	1013.38	908.50	841.14	781.10	730.01	669.38
270.0	1269.41	1136.57	1015.42	934.08	860.92	802.99	742.12	698.23	647.90
315.0	1019.81	935.77	873.62	810.77	771.27	733.52	688.46	621.39	560.76
360.0	1079.62	990.49	918.28	839.51	785.49	728.49	687.23	636.84	578.32

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	497.56	432.60	369.69	308.65	237.95	186.51	141.51	98.20	76.72
45.0	654.34	594.65	515.64	451.27	388.06	326.03	296.18	296.18	146.13
90.0	643.63	590.90	534.08	472.39	393.51	333.17	260.07	206.41	159.65
135.0	760.27	712.86	644.39	581.19	523.25	459.46	395.09	317.84	302.62
180.0	738.61	684.19	627.42	549.00	478.77	410.89	332.47	303.79	303.79
225.0	611.74	548.71	465.37	401.99	325.56	269.32	215.83	167.49	118.92
270.0	595.82	523.25	462.97	401.52	325.44	295.60	295.60	155.32	120.61
315.0	497.21	414.81	352.60	290.86	220.28	169.54	127.46	91.82	76.25
360.0	497.56	432.60	369.69	308.65	237.95	186.51	141.51	98.20	76.72

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	64.90	58.00	51.15	46.53	42.19	38.98	35.82	32.01	29.09
45.0	100.19	77.13	64.49	55.19	49.28	43.31	39.80	36.58	33.53
90.0	115.06	91.94	78.71	67.83	60.75	55.13	50.45	45.06	41.38
135.0	302.62	145.14	110.02	84.04	73.33	64.61	56.01	50.62	45.88
180.0	164.33	115.46	90.48	75.73	67.59	59.11	53.49	48.81	43.72
225.0	92.64	77.78	69.76	61.80	56.42	52.09	47.23	43.77	40.56
270.0	89.83	76.90	69.12	62.56	57.18	51.56	47.64	44.01	40.61
315.0	67.59	60.92	54.31	49.98	46.12	42.60	38.57	35.11	31.02
360.0	64.90	58.00	51.15	46.53	42.19	38.98	35.82	32.01	29.09

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	26.74	24.35	22.77	21.54	20.37	19.02	18.20	17.38	16.68
45.0	29.79	26.86	24.70	22.71	20.72	19.31	18.14	16.97	16.09
90.0	37.45	33.59	29.67	27.33	25.28	23.12	21.59	19.96	18.84
135.0	41.67	38.16	34.18	30.90	28.27	26.28	24.23	22.82	21.71
180.0	40.44	37.28	33.47	30.67	27.80	26.22	24.81	23.58	22.59
225.0	36.58	33.36	30.49	27.80	26.04	24.46	22.71	21.54	20.48
270.0	36.28	32.83	30.14	27.56	25.75	23.82	22.47	21.30	19.90
315.0	28.44	26.28	24.05	22.47	21.13	19.61	18.49	17.50	16.68
360.0	26.74	24.35	22.77	21.54	20.37	19.02	18.20	17.38	16.68

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.92	15.27	14.75	14.16	13.69	13.23	12.87	12.64	12.29
45.0	15.33	14.51	14.05	13.58	13.05	12.70	12.41	12.17	11.82
90.0	17.91	17.09	16.09	15.39	14.81	14.22	13.69	13.28	12.93
135.0	20.60	19.84	19.08	18.49	17.97	17.26	16.62	15.92	15.27
180.0	21.71	21.13	20.66	20.07	19.61	19.08	18.26	17.50	16.68
225.0	19.55	18.43	17.67	16.97	16.27	15.51	14.98	14.28	13.81
270.0	18.96	18.02	17.21	16.39	15.80	15.10	14.57	14.16	13.58
315.0	15.92	15.16	14.51	13.87	13.40	13.05	12.64	12.29	12.00
360.0	15.92	15.27	14.75	14.16	13.69	13.23	12.87	12.64	12.29

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	12.00	11.70	11.47	11.24	11.00	10.77	10.53	10.30	10.07
45.0	11.65	11.41	11.18	10.94	10.77	10.53	10.30	10.12	9.83
90.0	12.64	12.23	11.94	11.53	11.18	10.89	10.53	10.24	10.01
135.0	14.51	14.05	13.52	12.99	12.35	11.94	11.53	11.00	10.65
180.0	15.80	15.16	14.46	13.75	13.23	12.70	12.23	11.88	11.53
225.0	13.34	12.76	12.35	11.94	11.53	11.18	10.83	10.53	10.36
270.0	13.23	12.70	12.11	11.70	11.24	10.94	10.59	10.36	10.07
315.0	11.70	11.29	11.00	10.77	10.48	10.24	10.07	9.83	9.54
360.0	12.00	11.70	11.47	11.24	11.00	10.77	10.53	10.30	10.07

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	9.77	9.48	9.25	9.07	8.78	8.60	8.37	8.13	7.96
45.0	9.60	9.36	9.19	8.95	8.78	8.60	8.43	8.25	8.08
90.0	9.71	9.48	9.25	9.07	8.84	8.60	8.43	8.25	8.02
135.0	10.36	10.12	9.89	9.66	9.42	9.19	8.95	8.78	8.54
180.0	11.29	11.00	10.77	10.59	10.18	10.01	9.77	9.48	9.31
225.0	10.07	9.77	9.54	9.25	9.01	8.84	8.54	8.37	8.19
270.0	9.83	9.60	9.25	9.07	8.84	8.60	8.37	8.25	8.02
315.0	9.31	9.13	8.84	8.66	8.43	8.19	8.02	7.78	7.67
360.0	9.77	9.48	9.25	9.07	8.78	8.60	8.37	8.13	7.96

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	7.84	7.67	7.49	7.37	7.26	7.02	6.79	6.67	6.67
45.0	7.90	7.67	7.49	7.32	7.20	7.02	6.91	6.79	6.61
90.0	7.90	7.72	7.55	7.37	7.26	7.02	6.91	6.73	6.61
135.0	8.37	8.19	8.02	7.84	7.61	7.49	7.32	7.08	6.96
180.0	9.13	8.90	8.84	8.60	8.43	8.19	8.08	7.84	7.67
225.0	8.02	7.84	7.67	7.55	7.32	7.08	6.91	6.79	6.67
270.0	7.84	7.72	7.49	7.32	7.20	6.96	6.79	6.67	6.55
315.0	7.49	7.32	7.20	7.08	6.91	6.79	6.61	6.55	6.55
360.0	7.84	7.67	7.49	7.37	7.26	7.02	6.79	6.67	6.67

Intensity data(cd)

C/γ(°)	90.0
0.0	6.67
45.0	6.55
90.0	6.50
135.0	6.85
180.0	7.55
225.0	6.55
270.0	6.50
315.0	6.55
360.0	6.67