NATA LIGHTING CO.,LTD
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Address:380JinOu Road,Gaoxin Zone,Jiang Men City,Guangdong,China

Nata

Client: NT
LumCAT: 1-1714-LM2
Luminaire: 92.70.481.00
Report No: 20260331-B004
Ballast type: DC

Test No: 20260331-C004	Voltage(V): 35.240
LampCAT: CITIZEN CLU028	Current(A): 0.363
Lamp flux(lm): 1601.3	Power (W): 12.790
Number of Lamps: 1	PF: 0.000
Length(mm): 50	Width(mm): 50
Phm Type: C	Height(mm): 19

Photometric Results

Lumens(lm): 1548.26, Efficiency(%): 96.69% , Luminous Efficacy(lm/W): 121.05
Central intensity(cd): 1665.023, Maximum intensity(cd): 1665.023
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=60.8
[C90/270]Total=60.8
Field angle(10%Imax): [C0/180]Total=87.4
[C90/270]Total=87.4
Maximum s/h(1/2): C0_180=0.91 C90_270=0.91
Maximum s/h(1/4): C0_180=0.93 C90_270=0.93
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 96.69%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.144%

NT Nata 1-1714-LM2

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1665.023	0.000	0	0.00%	0.00%
1.0	1662.506	1.592	1.592	0.10%	0.10%
2.0	1657.387	4.765	6.357	0.30%	0.41%
3.0	1645.850	7.900	14.257	0.49%	0.92%
4.0	1632.688	10.974	25.232	0.69%	1.63%
5.0	1617.878	13.984	39.216	0.87%	2.53%
6.0	1599.744	16.909	56.125	1.06%	3.63%
7.0	1582.155	19.750	75.875	1.23%	4.90%
8.0	1564.158	22.518	98.393	1.41%	6.36%
9.0	1542.835	25.180	123.573	1.57%	7.98%
10.0	1519.174	27.710	151.283	1.73%	9.77%
11.0	1496.331	30.131	181.414	1.88%	11.72%
12.0	1473.571	32.465	213.879	2.03%	13.81%
13.0	1449.312	34.687	248.567	2.17%	16.05%
14.0	1426.951	36.816	285.383	2.30%	18.43%
15.0	1403.059	38.852	324.234	2.43%	20.94%
16.0	1380.981	40.794	365.028	2.55%	23.58%
17.0	1356.334	42.627	407.656	2.66%	26.33%
18.0	1331.477	44.316	451.972	2.77%	29.19%
19.0	1300.400	45.789	497.761	2.86%	32.15%
20.0	1270.698	47.058	544.819	2.94%	35.19%
21.0	1237.796	48.168	592.987	3.01%	38.30%
22.0	1204.675	49.082	642.07	3.07%	41.47%
23.0	1167.546	49.776	691.846	3.11%	44.69%
24.0	1127.555	50.179	742.025	3.13%	47.93%
25.0	1087.794	50.372	792.397	3.15%	51.18%
26.0	1041.300	50.258	842.654	3.14%	54.43%
27.0	992.834	49.766	892.42	3.11%	57.64%
28.0	947.431	49.123	941.543	3.07%	60.81%
29.0	896.521	48.243	989.786	3.01%	63.93%
30.0	850.656	47.173	1036.96	2.95%	66.98%
31.0	807.507	46.144	1083.104	2.88%	69.96%
32.0	763.730	45.014	1128.118	2.81%	72.86%
33.0	720.004	43.711	1171.829	2.73%	75.69%
34.0	675.335	42.227	1214.056	2.64%	78.41%
35.0	628.285	40.486	1254.542	2.53%	81.03%
36.0	584.151	38.604	1293.146	2.41%	83.52%
37.0	535.234	36.508	1329.654	2.28%	85.88%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	478.944	33.852	1363.506	2.11%	88.07%
39.0	421.668	30.740	1394.247	1.92%	90.05%
40.0	362.231	27.340	1421.586	1.71%	91.82%
41.0	312.873	24.040	1445.626	1.50%	93.37%
42.0	250.595	20.472	1466.098	1.28%	94.69%
43.0	198.059	16.619	1482.718	1.04%	95.77%
44.0	150.327	13.149	1495.867	0.82%	96.62%
45.0	106.413	9.867	1505.733	0.62%	97.25%
46.0	69.872	6.894	1512.628	0.43%	97.70%
47.0	45.634	4.594	1517.222	0.29%	98.00%
48.0	31.171	3.105	1520.326	0.19%	98.20%
49.0	24.490	2.286	1522.612	0.14%	98.34%
50.0	20.798	1.888	1524.5	0.12%	98.47%
51.0	17.945	1.639	1526.14	0.10%	98.57%
52.0	15.355	1.429	1527.568	0.09%	98.66%
53.0	13.278	1.246	1528.814	0.08%	98.74%
54.0	11.568	1.095	1529.909	0.07%	98.81%
55.0	10.415	0.981	1530.89	0.06%	98.88%
56.0	9.639	0.906	1531.797	0.06%	98.94%
57.0	9.072	0.856	1532.652	0.05%	98.99%
58.0	8.590	0.817	1533.469	0.05%	99.04%
59.0	8.139	0.782	1534.251	0.05%	99.10%
60.0	7.740	0.750	1535.001	0.05%	99.14%
61.0	7.405	0.723	1535.724	0.05%	99.19%
62.0	7.069	0.697	1536.421	0.04%	99.24%
63.0	6.765	0.673	1537.094	0.04%	99.28%
64.0	6.482	0.650	1537.744	0.04%	99.32%
65.0	6.220	0.629	1538.373	0.04%	99.36%
66.0	5.915	0.605	1538.978	0.04%	99.40%
67.0	5.611	0.580	1539.558	0.04%	99.44%
68.0	5.328	0.554	1540.112	0.03%	99.47%
69.0	5.118	0.533	1540.645	0.03%	99.51%
70.0	4.961	0.518	1541.162	0.03%	99.54%
71.0	4.825	0.506	1541.668	0.03%	99.57%
72.0	4.699	0.495	1542.163	0.03%	99.61%
73.0	4.594	0.486	1542.649	0.03%	99.64%
74.0	4.353	0.470	1543.12	0.03%	99.67%
75.0	4.027	0.443	1543.562	0.03%	99.70%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	3.702	0.410	1543.973	0.03%	99.72%
77.0	3.555	0.387	1544.36	0.02%	99.75%
78.0	3.451	0.375	1544.735	0.02%	99.77%
79.0	3.314	0.363	1545.098	0.02%	99.80%
80.0	3.220	0.352	1545.451	0.02%	99.82%
81.0	3.136	0.344	1545.794	0.02%	99.84%
82.0	3.042	0.335	1546.129	0.02%	99.86%
83.0	2.884	0.322	1546.451	0.02%	99.88%
84.0	2.748	0.307	1546.758	0.02%	99.90%
85.0	2.570	0.290	1547.048	0.02%	99.92%
86.0	2.402	0.272	1547.32	0.02%	99.94%
87.0	2.265	0.255	1547.576	0.02%	99.96%
88.0	2.129	0.241	1547.816	0.02%	99.97%
89.0	1.993	0.226	1548.042	0.01%	99.99%
90.0	1.951	0.216	1548.258	0.01%	100.00%

Zonal flux distribution table

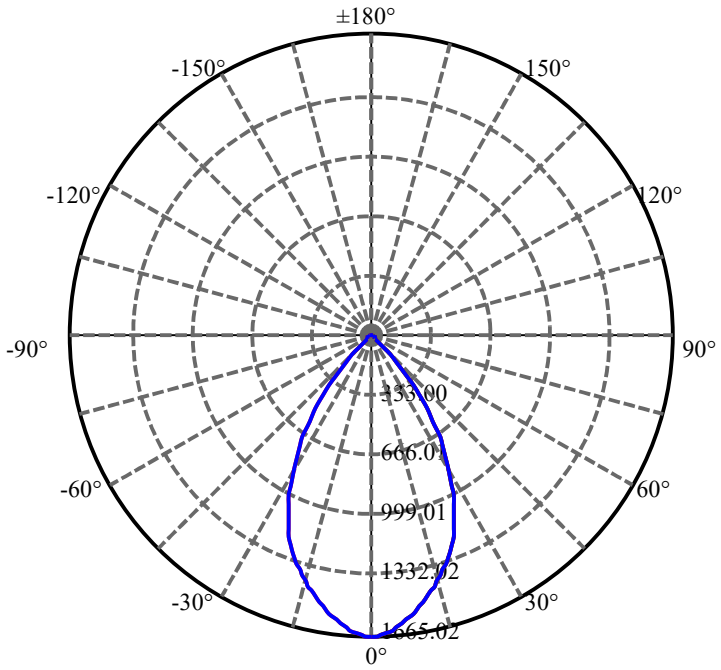
ZONAL LUMEN SUMMARY

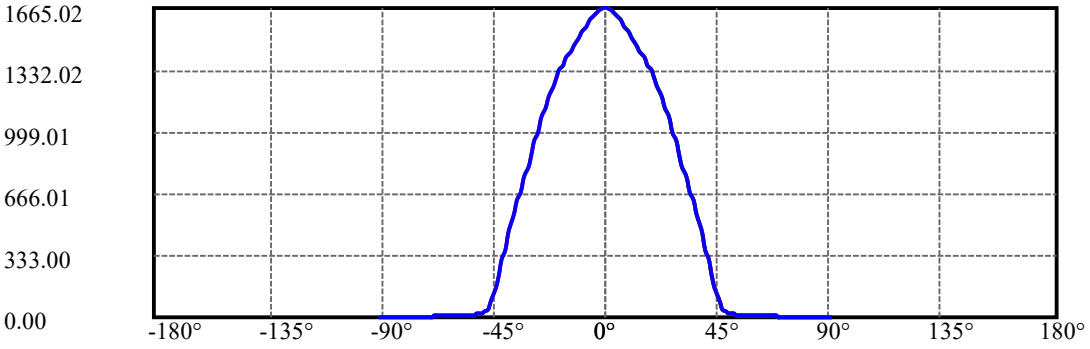
Zone	Lumens	%Lamp	%Fixt
0-30	1036.96	64.76%	66.98%
0-40	1421.59	88.78%	91.82%
0-60	1535.00	95.86%	99.14%
0-90	1548.04	96.67%	99.99%
0-120	1548.04	96.67%	99.99%
0-180	1548.26	96.69%	100.00%
60-90	13.04	0.81%	0.84%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-34.61	1238.61	77.35%	80.00%

ZONAL LUMEN SUMMARY

0-10	151.28
10-20	393.54
20-30	492.14
30-40	384.63
40-50	102.91
50-60	10.50
60-70	6.16
70-80	4.29
80-90	2.59
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):

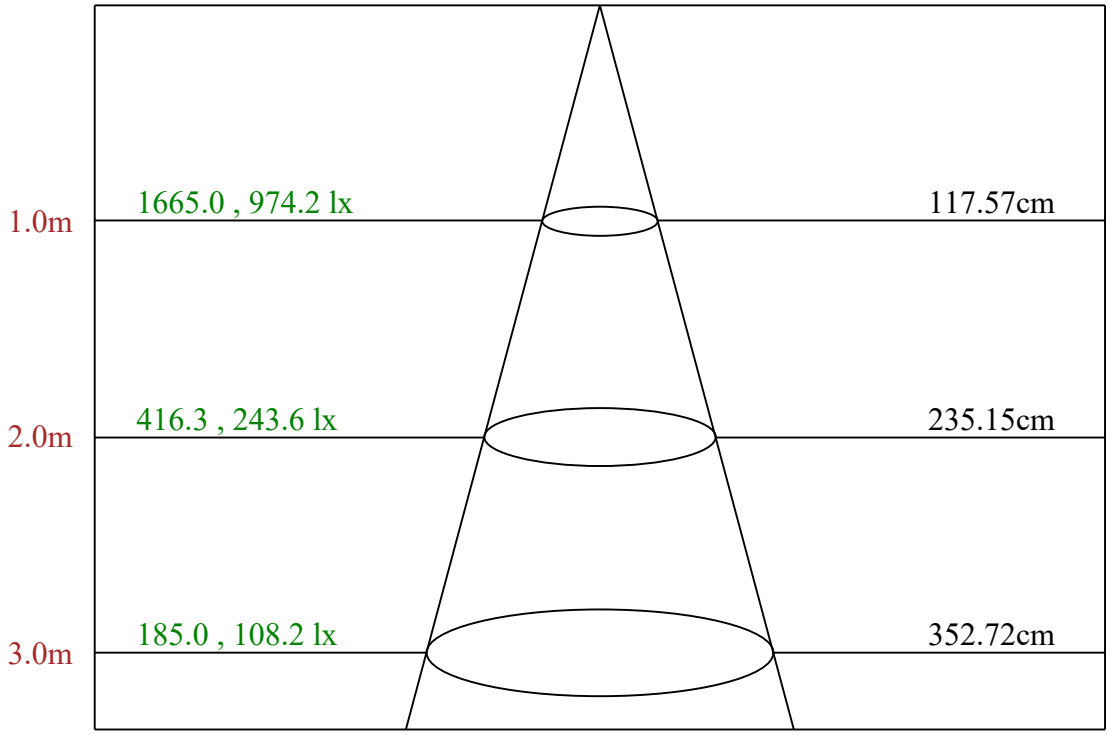
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:43.7 Right:43.7
:C90/270Left:43.7 Right:43.7

Beam Angle(50%Imax):C0/180Left:30.4 Right:30.4
:C90/270Left:30.4 Right:30.4

Lux distance Curve



Max , Ave

Beam angle of C0 plane 60.90

Equipment: GMS1980	Date: 2026/3/31	Operator: YZQ
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 9.16

NT Nata 1-1714-LM2

Luminance Limitting Curve(no luminous side)

Luminance Table

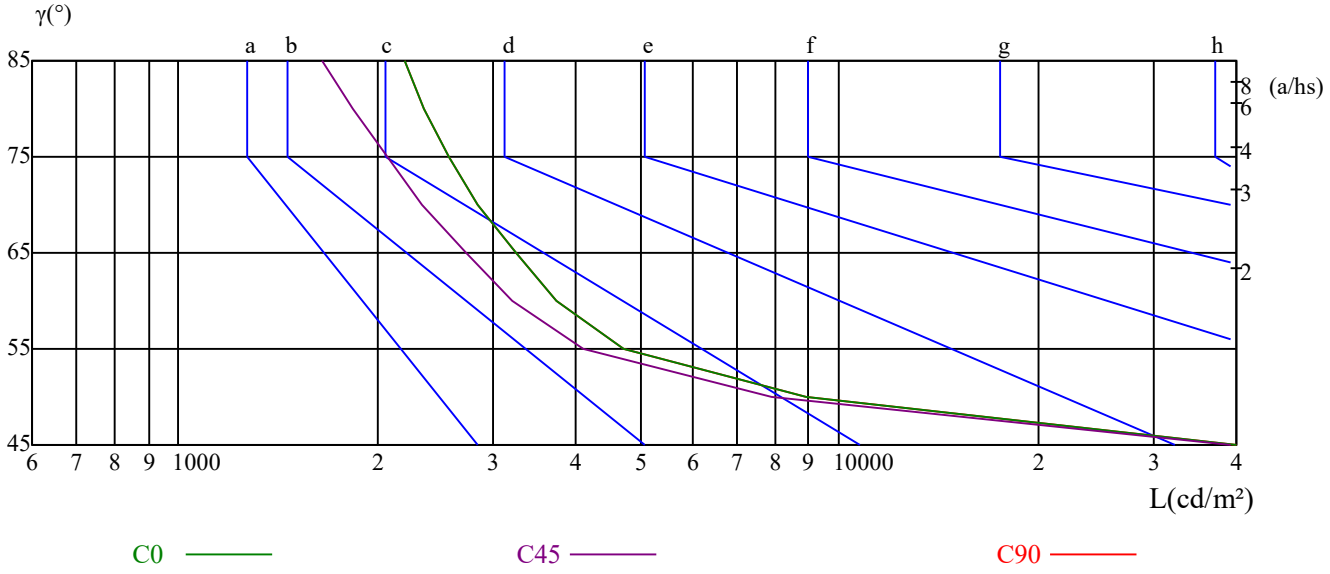
γ	45	50	55	60	65	70	75	80	85
C0	43621	8908	4708	3734	3243	2838	2574	2351	2207
C45	39155	7890	4109	3207	2735	2343	2071	1832	1651
C90	43621	8908	4708	3734	3243	2838	2574	2351	2207

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
5887	5887	5887	6224	6224	6224	11793	11793	11793

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



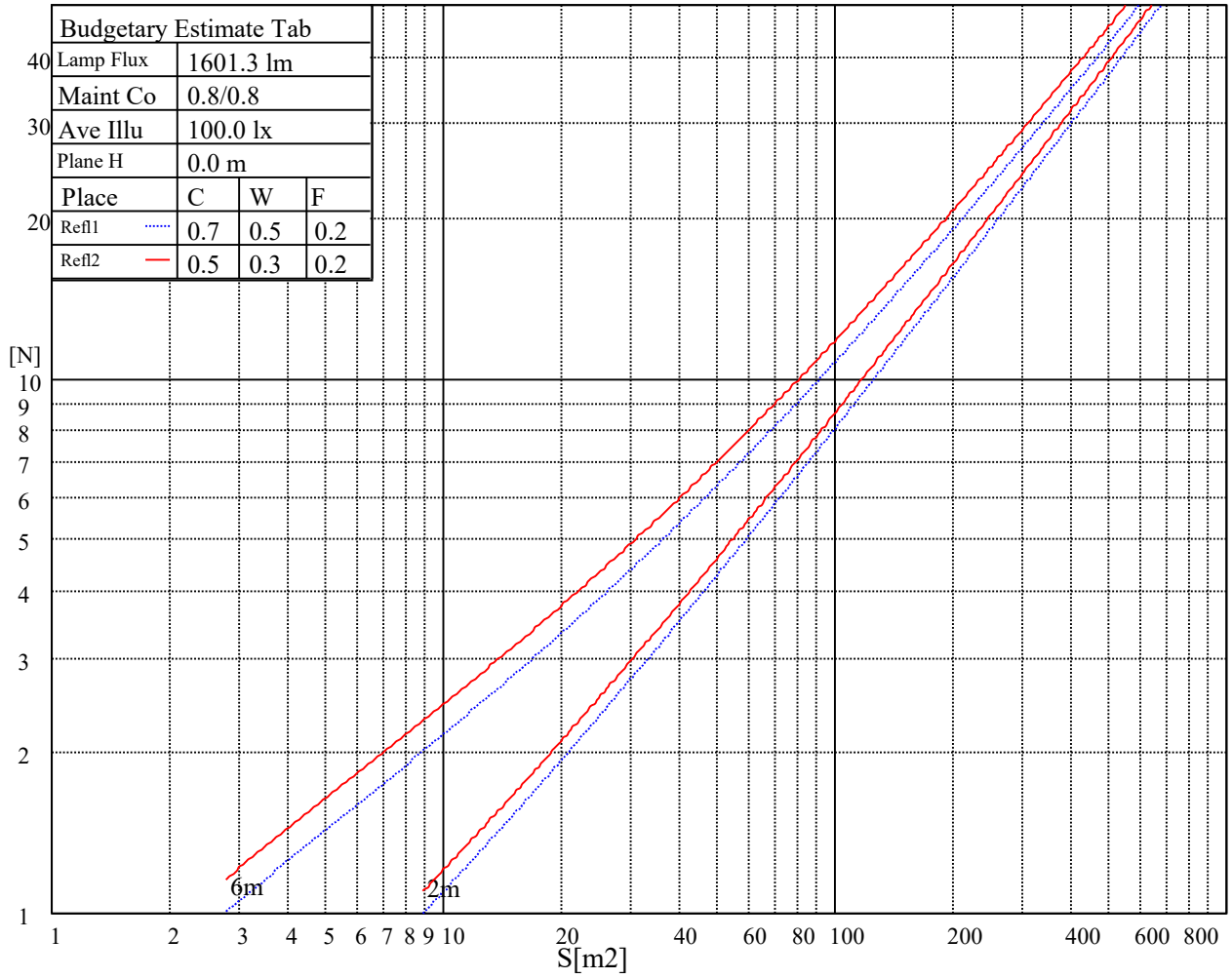
UGR Glare

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	23.18	24.17	23.54	24.48	24.80	22.83	23.82	23.20	24.13	24.45
	3H	22.99	23.87	23.38	24.20	24.55	22.64	23.52	23.03	23.86	24.20
	4H	22.89	23.71	23.30	24.06	24.43	22.55	23.36	22.95	23.72	24.08
	6H	22.82	23.56	23.23	23.93	24.33	22.47	23.21	22.89	23.59	23.99
	8H	22.74	23.45	23.17	23.84	24.24	22.40	23.11	22.82	23.50	23.90
	12H	22.68	23.35	23.11	23.74	24.16	22.34	23.01	22.76	23.40	23.82
4H	2H	22.88	23.69	23.28	24.04	24.41	22.53	23.34	22.93	23.70	24.06
	3H	22.65	23.33	23.08	23.72	24.14	22.31	22.98	22.73	23.38	23.80
	4H	22.59	23.17	23.03	23.60	24.04	22.25	22.83	22.69	23.25	23.70
	6H	22.46	22.98	22.94	23.43	23.88	22.12	22.64	22.60	23.09	23.54
	8H	22.41	22.89	22.90	23.35	23.82	22.07	22.55	22.56	23.01	23.48
	12H	22.37	22.81	22.86	23.26	23.78	22.03	22.47	22.52	22.93	23.45
8H	4H	22.39	22.87	22.88	23.33	23.80	22.05	22.53	22.54	22.99	23.46
	6H	22.26	22.65	22.76	23.13	23.64	21.92	22.31	22.42	22.79	23.30
	8H	22.26	22.58	22.79	23.11	23.60	21.92	22.25	22.45	22.77	23.27
	12H	22.22	22.47	22.76	22.99	23.51	21.89	22.14	22.43	22.66	23.18
12H	4H	22.34	22.78	22.83	23.23	23.75	22.00	22.44	22.49	22.89	23.41
	6H	22.24	22.57	22.78	23.09	23.59	21.91	22.23	22.44	22.76	23.25
	8H	22.21	22.46	22.75	22.98	23.50	21.87	22.12	22.41	22.64	23.16

Variation with the observer position at spacings:		
S = 1.0H	4.2/-13.4	4.2/-13.4
S = 1.5H	7.0/-12.8	7.0/-12.8
S = 2.0H	9.0/-12.2	9.0/-12.2
Standard tables:	BK0	BK0
Uncorrected UGR	3.5	3.5

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25

Budgetary Estimate Table



Equipment: GMS1980 Date: 2026/3/31 Operator: YZQ
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 9.16

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	1.15	1.15	1.15	1.12	1.12	1.12	1.07	1.07	1.07	1.03	1.03	1.03	0.99	0.99	0.99	0.97
1	1.07	1.04	1.02	1.05	1.03	1.00	1.01	0.99	0.97	0.97	0.96	0.94	0.94	0.93	0.92	0.90
2	0.99	0.95	0.92	0.97	0.94	0.91	0.94	0.91	0.89	0.91	0.89	0.87	0.89	0.87	0.85	0.83
3	0.92	0.87	0.83	0.91	0.86	0.83	0.88	0.85	0.81	0.86	0.83	0.80	0.84	0.81	0.79	0.77
4	0.86	0.80	0.76	0.85	0.80	0.76	0.83	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.73	0.72
5	0.80	0.74	0.70	0.79	0.74	0.70	0.78	0.73	0.69	0.76	0.72	0.69	0.74	0.71	0.68	0.67
6	0.75	0.69	0.65	0.74	0.69	0.65	0.73	0.68	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.62
7	0.70	0.64	0.60	0.70	0.64	0.60	0.69	0.63	0.60	0.67	0.63	0.59	0.66	0.62	0.59	0.58
8	0.66	0.60	0.56	0.66	0.60	0.56	0.65	0.59	0.56	0.64	0.59	0.56	0.63	0.58	0.55	0.54
9	0.62	0.56	0.53	0.62	0.56	0.52	0.61	0.56	0.52	0.60	0.55	0.52	0.59	0.55	0.52	0.51
10	0.59	0.53	0.49	0.58	0.53	0.49	0.58	0.52	0.49	0.57	0.52	0.49	0.56	0.52	0.49	0.47

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	1662.42	1661.08	1652.52	1645.47	1637.59	1621.64	1608.30	1593.03	1576.08
45.0	1657.39	1664.94	1660.74	1652.69	1640.19	1623.74	1610.32	1594.71	1577.51
90.0	1669.89	1665.44	1655.79	1637.08	1615.52	1607.63	1587.91	1561.40	1541.51
135.0	1670.39	1670.39	1681.55	1663.93	1653.02	1634.56	1605.20	1594.29	1579.19
180.0	1662.42	1654.45	1645.47	1632.05	1610.23	1594.37	1578.77	1560.14	1540.42
225.0	1657.39	1649.84	1638.84	1631.12	1618.62	1607.72	1585.31	1570.55	1552.00
270.0	1669.89	1665.78	1664.69	1652.44	1647.23	1636.83	1622.15	1600.83	1586.07
315.0	1670.39	1668.13	1659.48	1652.02	1639.10	1616.53	1600.00	1582.29	1560.48
360.0	1662.42	1661.08	1652.52	1645.47	1637.59	1621.64	1608.30	1593.03	1576.08

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1556.36	1530.44	1507.36	1486.72	1462.47	1443.09	1426.48	1409.78	1385.53
45.0	1558.29	1541.01	1513.66	1485.72	1464.66	1443.26	1418.59	1397.53	1376.64
90.0	1516.68	1491.93	1463.98	1432.86	1405.75	1383.60	1351.72	1324.03	1301.46
135.0	1553.18	1531.36	1506.19	1477.66	1443.26	1425.64	1397.95	1376.97	1350.13
180.0	1521.21	1496.29	1475.31	1454.84	1429.33	1407.26	1387.21	1370.01	1339.97
225.0	1531.86	1504.26	1481.86	1465.24	1440.07	1414.06	1384.86	1365.65	1341.06
270.0	1570.38	1542.60	1525.32	1509.04	1490.58	1465.50	1444.69	1412.38	1386.46
315.0	1534.72	1515.50	1496.96	1476.49	1458.36	1433.19	1412.97	1391.49	1369.42
360.0	1556.36	1530.44	1507.36	1486.72	1462.47	1443.09	1426.48	1409.78	1385.53

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1368.00	1344.59	1320.59	1285.27	1257.16	1224.10	1172.58	1131.97	1076.26
45.0	1361.37	1334.85	1315.89	1283.92	1260.77	1233.24	1198.34	1168.47	1130.88
90.0	1276.46	1248.26	1216.30	1177.95	1142.63	1104.11	1071.73	1033.63	994.11
135.0	1324.11	1288.87	1262.86	1236.01	1208.32	1173.08	1142.88	1100.09	1062.33
180.0	1320.42	1291.98	1263.79	1229.64	1200.27	1169.31	1130.21	1094.55	1054.61
225.0	1309.93	1272.43	1239.87	1210.76	1173.59	1120.89	1084.48	1043.62	988.07
270.0	1359.44	1320.17	1278.13	1243.82	1200.27	1157.14	1102.77	1057.97	1010.39
315.0	1332.09	1302.05	1268.15	1235.01	1194.40	1158.48	1117.45	1072.06	1013.75
360.0	1368.00	1344.59	1320.59	1285.27	1257.16	1224.10	1172.58	1131.97	1076.26

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1031.28	983.37	932.69	874.04	829.91	788.38	745.25	690.46	646.91
45.0	1086.16	1037.49	993.02	944.27	900.47	842.83	800.54	759.18	702.71
90.0	944.94	900.47	858.52	817.74	767.32	726.79	686.01	644.65	593.04
135.0	1022.05	980.94	929.76	892.00	851.73	812.29	761.95	720.83	680.56
180.0	999.99	960.30	904.08	862.05	824.88	785.10	742.82	687.10	647.50
225.0	942.51	900.31	844.93	808.01	770.51	717.81	676.95	635.75	581.05
270.0	949.81	902.40	852.23	794.33	754.23	719.07	670.49	628.20	587.09
315.0	965.92	914.15	856.93	812.79	761.02	717.56	676.03	636.51	587.42
360.0	1031.28	983.37	932.69	874.04	829.91	788.38	745.25	690.46	646.91

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	606.64	561.83	495.21	440.25	371.11	316.49	263.21	200.20	152.79
45.0	660.25	616.03	550.92	490.93	436.23	365.24	311.71	263.13	214.80
90.0	550.34	491.60	439.25	384.29	321.27	273.03	226.04	182.75	131.98
135.0	634.41	593.30	544.63	477.51	425.49	425.49	298.87	247.69	196.42
180.0	609.24	556.29	491.27	436.23	379.09	309.28	254.23	200.79	141.30
225.0	527.09	476.08	421.37	366.58	301.14	249.87	200.28	143.65	103.12
270.0	541.61	493.20	445.54	398.97	338.48	291.15	242.91	187.19	146.16
315.0	543.62	493.53	443.36	378.58	325.05	272.44	207.50	159.09	116.04
360.0	606.64	561.83	495.21	440.25	371.11	316.49	263.21	200.20	152.79

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	110.25	73.92	41.62	28.95	24.08	21.40	18.04	15.69	13.68
45.0	154.72	111.34	74.51	45.73	27.44	22.49	19.80	16.28	14.10
90.0	96.66	66.37	44.97	31.38	27.44	23.24	20.47	18.04	15.52
135.0	150.02	97.92	65.19	42.54	30.88	25.34	22.49	19.80	16.95
180.0	100.10	59.24	38.26	26.85	22.23	18.79	16.11	13.84	11.91
225.0	60.41	36.92	24.08	19.05	16.03	13.42	11.08	8.81	7.38
270.0	107.73	67.71	44.39	29.37	25.26	22.07	19.21	16.19	14.35
315.0	71.40	45.56	32.05	25.51	22.57	19.63	16.36	14.18	12.33
360.0	110.25	73.92	41.62	28.95	24.08	21.40	18.04	15.69	13.68

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	11.58	10.49	9.73	9.31	8.98	8.39	7.97	7.64	7.30
45.0	11.66	10.24	9.15	8.47	8.14	7.89	7.47	7.13	6.88
90.0	14.01	12.84	11.91	10.99	10.07	9.48	8.98	8.47	8.14
135.0	14.85	12.84	11.75	11.16	10.57	10.07	9.57	9.23	8.73
180.0	10.15	9.23	8.89	8.47	8.05	7.64	7.30	6.96	6.71
225.0	6.46	6.13	5.71	5.54	5.29	5.03	4.87	4.78	4.53
270.0	12.75	11.33	10.15	9.23	8.73	8.22	7.72	7.38	6.96
315.0	11.08	10.24	9.82	9.40	8.89	8.39	8.05	7.64	7.30
360.0	11.58	10.49	9.73	9.31	8.98	8.39	7.97	7.64	7.30

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	6.96	6.71	6.46	6.13	5.79	5.45	5.29	4.95	4.78
45.0	6.63	6.38	6.13	5.79	5.54	5.20	4.95	4.78	4.61
90.0	7.72	7.38	6.96	6.54	5.96	5.71	5.45	5.29	5.20
135.0	8.31	7.97	7.64	7.22	6.88	6.54	6.13	5.79	5.54
180.0	6.38	6.13	5.96	5.71	5.45	5.29	5.12	5.12	5.03
225.0	4.45	4.36	4.28	4.11	4.03	3.94	3.94	4.03	4.11
270.0	6.63	6.29	6.04	5.79	5.54	5.12	4.87	4.78	4.53
315.0	7.05	6.63	6.29	6.04	5.71	5.37	5.20	4.95	4.78
360.0	6.96	6.71	6.46	6.13	5.79	5.45	5.29	4.95	4.78

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	4.61	4.45	4.28	4.11	3.69	3.61	3.52	3.36	3.27
45.0	4.53	4.53	4.53	4.45	3.94	3.69	3.61	3.44	3.36
90.0	5.03	4.87	4.61	4.11	3.78	3.61	3.52	3.44	3.27
135.0	5.29	5.12	4.78	4.36	3.94	3.69	3.52	3.36	3.27
180.0	5.03	4.87	4.53	4.11	3.78	3.61	3.52	3.36	3.27
225.0	4.11	4.03	3.69	3.52	3.36	3.27	3.19	3.10	3.02
270.0	4.45	4.45	4.28	3.86	3.52	3.44	3.27	3.19	3.10
315.0	4.53	4.45	4.11	3.69	3.61	3.52	3.44	3.27	3.19
360.0	4.61	4.45	4.28	4.11	3.69	3.61	3.52	3.36	3.27

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	3.19	3.02	2.94	2.77	2.60	2.43	2.27	2.18	2.01
45.0	3.27	3.27	3.10	3.02	2.77	2.60	2.52	2.35	2.18
90.0	3.19	3.10	2.94	2.85	2.68	2.52	2.35	2.18	2.01
135.0	3.19	3.10	2.94	2.85	2.60	2.43	2.35	2.18	2.10
180.0	3.19	3.02	2.94	2.68	2.52	2.35	2.27	2.18	1.93
225.0	2.94	2.85	2.68	2.43	2.35	2.18	2.10	1.93	1.85
270.0	3.02	2.94	2.77	2.68	2.52	2.35	2.10	2.01	1.93
315.0	3.10	3.02	2.77	2.68	2.52	2.35	2.18	2.01	1.93
360.0	3.19	3.02	2.94	2.77	2.60	2.43	2.27	2.18	2.01

Intensity data(cd)

C/γ(°)	90.0
0.0	1.93
45.0	2.10
90.0	2.01
135.0	2.01
180.0	1.85
225.0	1.85
270.0	1.93
315.0	1.93
360.0	1.93