NATA LIGHTING CO.,LTD
www.nata.cn
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Tel:+86 0750-377 0000(10 lines) Fax:+86 0750-377 1111
Address:380JinOu Road,Gaoxin Zone,Jiang Men City,Guangdong,China

NT

Client: NT
LumCAT: 1-1714-LM
Luminaire: 92.70.121.000
Report No: 20260331-B004
Ballast type: AC

Test No: 20260324-C002	Voltage(V): 34.570
LampCAT: LUMINUS CXM-11	Current(A): 0.455
Lamp flux(lm): 2019.9	Power (W): 15.729
Number of Lamps: 1	PF: 0.000
Length(mm): 50	Width(mm): 50
Phm Type: C	Height(mm): 22

Photometric Results

Lumens(lm): 1956.46, Efficiency(%): 96.86% , Luminous Efficacy(lm/W): 124.39
Central intensity(cd): 2121.413, Maximum intensity(cd): 2121.413
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=58.4
[C90/270]Total=58.4
Field angle(10%Imax): [C0/180]Total=90.6
[C90/270]Total=90.6
Maximum s/h(1/2): C0_180=0.87 C90_270=0.87
Maximum s/h(1/4): C0_180=0.90 C90_270=0.90
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 96.86%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.399%

Equipment: GMS 1800	Date: 2026/3/24	Operator: YZQ
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.50

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	2121.413	0.000	0	0.00%	0.00%
1.0	2118.530	2.029	2.029	0.10%	0.10%
2.0	2110.303	6.070	8.098	0.30%	0.41%
3.0	2099.334	10.068	18.166	0.50%	0.93%
4.0	2085.905	14.009	32.176	0.69%	1.64%
5.0	2070.014	17.879	50.054	0.89%	2.56%
6.0	2057.920	21.693	71.748	1.07%	3.67%
7.0	2042.873	25.454	97.201	1.26%	4.97%
8.0	2023.748	29.104	126.305	1.44%	6.46%
9.0	2004.202	32.644	158.95	1.62%	8.12%
10.0	1979.241	36.049	194.998	1.78%	9.97%
11.0	1953.155	39.293	234.291	1.95%	11.98%
12.0	1922.006	42.361	276.652	2.10%	14.14%
13.0	1885.584	45.187	321.839	2.24%	16.45%
14.0	1851.975	47.840	369.679	2.37%	18.90%
15.0	1813.303	50.319	419.998	2.49%	21.47%
16.0	1767.741	52.472	472.47	2.60%	24.15%
17.0	1723.795	54.373	526.843	2.69%	26.93%
18.0	1676.827	56.069	582.911	2.78%	29.79%
19.0	1616.991	57.306	640.217	2.84%	32.72%
20.0	1567.631	58.287	698.504	2.89%	35.70%
21.0	1508.709	59.072	757.576	2.92%	38.72%
22.0	1449.647	59.449	817.026	2.94%	41.76%
23.0	1398.952	59.771	876.797	2.96%	44.82%
24.0	1338.131	59.842	936.64	2.96%	47.87%
25.0	1276.924	59.461	996.1	2.94%	50.91%
26.0	1219.085	58.919	1055.019	2.92%	53.92%
27.0	1166.175	58.356	1113.375	2.89%	56.91%
28.0	1118.285	57.838	1171.212	2.86%	59.86%
29.0	1070.198	57.257	1228.469	2.83%	62.79%
30.0	1022.063	56.491	1284.96	2.80%	65.68%
31.0	969.912	55.434	1340.394	2.74%	68.51%
32.0	917.149	54.062	1394.456	2.68%	71.27%
33.0	867.579	52.579	1447.035	2.60%	73.96%
34.0	819.682	51.061	1498.096	2.53%	76.57%
35.0	773.438	49.476	1547.572	2.45%	79.10%
36.0	723.122	47.651	1595.223	2.36%	81.54%
37.0	661.985	45.174	1640.398	2.24%	83.84%

NT NT 1-1714-LM

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	600.159	42.129	1682.526	2.09%	86.00%
39.0	540.042	38.918	1721.445	1.93%	87.99%
40.0	477.893	35.502	1756.946	1.76%	89.80%
41.0	421.713	32.035	1788.981	1.59%	91.44%
42.0	362.046	28.475	1817.456	1.41%	92.89%
43.0	308.876	24.853	1842.309	1.23%	94.17%
44.0	266.372	21.711	1864.021	1.07%	95.27%
45.0	223.432	18.824	1882.844	0.93%	96.24%
46.0	181.111	15.821	1898.665	0.78%	97.05%
47.0	123.159	12.102	1910.767	0.60%	97.66%
48.0	85.486	8.435	1919.201	0.42%	98.10%
49.0	59.632	5.959	1925.161	0.30%	98.40%
50.0	39.797	4.146	1929.306	0.21%	98.61%
51.0	28.702	2.898	1932.204	0.14%	98.76%
52.0	23.041	2.220	1934.425	0.11%	98.87%
53.0	20.278	1.884	1936.309	0.09%	98.97%
54.0	18.183	1.695	1938.004	0.08%	99.06%
55.0	15.870	1.520	1939.524	0.08%	99.13%
56.0	13.598	1.332	1940.856	0.07%	99.20%
57.0	11.658	1.155	1942.011	0.06%	99.26%
58.0	10.020	1.002	1943.013	0.05%	99.31%
59.0	8.993	0.889	1943.902	0.04%	99.36%
60.0	8.114	0.808	1944.71	0.04%	99.40%
61.0	7.594	0.750	1945.46	0.04%	99.44%
62.0	7.130	0.709	1946.169	0.04%	99.47%
63.0	6.806	0.678	1946.847	0.03%	99.51%
64.0	6.560	0.656	1947.503	0.03%	99.54%
65.0	6.202	0.632	1948.134	0.03%	99.57%
66.0	5.955	0.607	1948.741	0.03%	99.61%
67.0	5.780	0.590	1949.331	0.03%	99.64%
68.0	5.527	0.573	1949.904	0.03%	99.66%
69.0	5.316	0.553	1950.457	0.03%	99.69%
70.0	5.077	0.534	1950.991	0.03%	99.72%
71.0	4.795	0.510	1951.501	0.03%	99.75%
72.0	4.584	0.488	1951.989	0.02%	99.77%
73.0	4.275	0.463	1952.452	0.02%	99.79%
74.0	4.078	0.439	1952.891	0.02%	99.82%
75.0	3.811	0.417	1953.308	0.02%	99.84%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	3.424	0.384	1953.692	0.02%	99.86%
77.0	3.023	0.344	1954.036	0.02%	99.88%
78.0	2.644	0.303	1954.339	0.02%	99.89%
79.0	2.370	0.269	1954.608	0.01%	99.91%
80.0	2.180	0.245	1954.854	0.01%	99.92%
81.0	1.990	0.225	1955.079	0.01%	99.93%
82.0	1.870	0.209	1955.289	0.01%	99.94%
83.0	1.751	0.197	1955.485	0.01%	99.95%
84.0	1.589	0.182	1955.667	0.01%	99.96%
85.0	1.455	0.166	1955.833	0.01%	99.97%
86.0	1.343	0.153	1955.986	0.01%	99.98%
87.0	1.209	0.140	1956.126	0.01%	99.98%
88.0	1.083	0.126	1956.252	0.01%	99.99%
89.0	0.991	0.114	1956.365	0.01%	99.99%
90.0	0.823	0.099	1956.465	0.00%	100.00%

Zonal flux distribution table

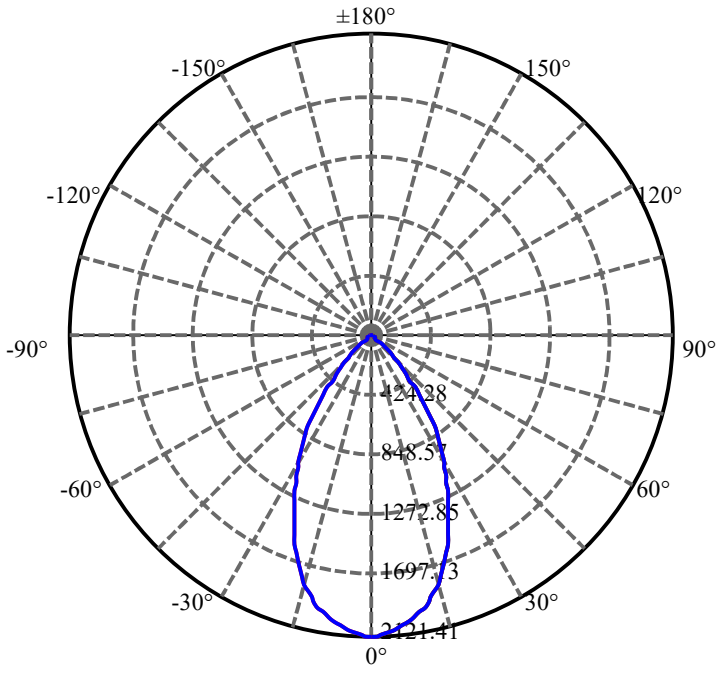
ZONAL LUMEN SUMMARY

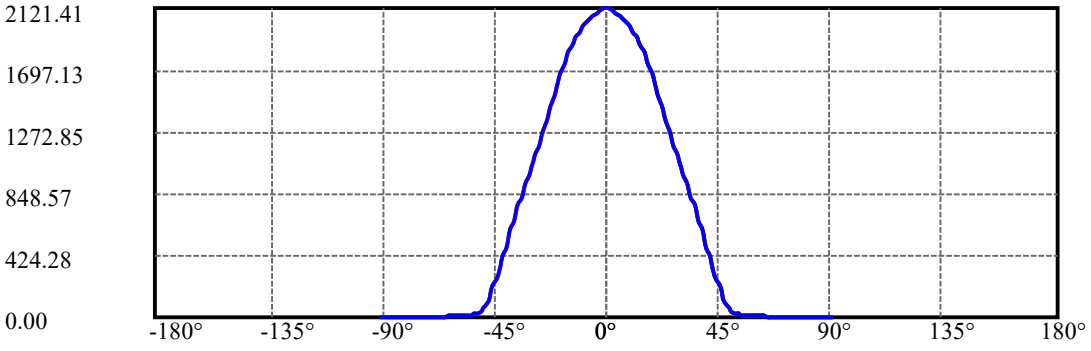
Zone	Lumens	%Lamp	%Fixt
0-30	1284.96	63.62%	65.68%
0-40	1756.95	86.98%	89.80%
0-60	1944.71	96.28%	99.40%
0-90	1956.37	96.86%	99.99%
0-120	1956.37	96.86%	99.99%
0-180	1956.46	96.86%	100.00%
60-90	11.66	0.58%	0.60%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-35.37	1565.17	77.49%	80.00%

ZONAL LUMEN SUMMARY

0-10	195.00
10-20	503.51
20-30	586.46
30-40	471.99
40-50	172.36
50-60	15.40
60-70	6.28
70-80	3.86
80-90	1.51
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):

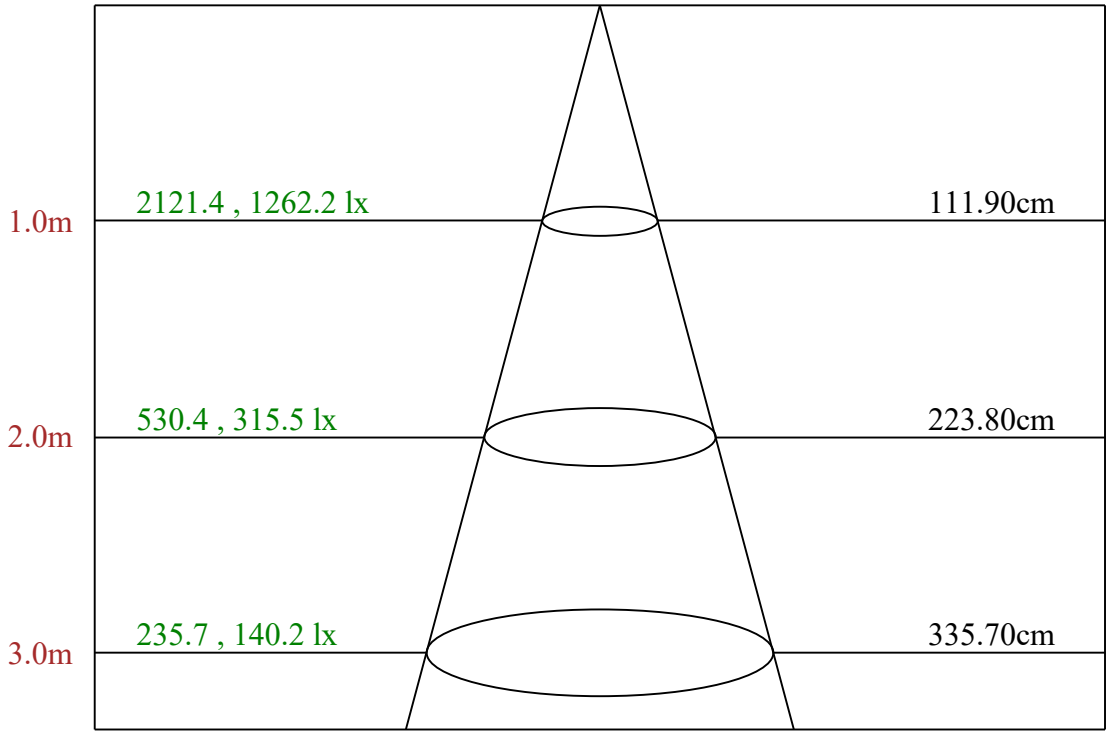
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:45.3 Right:45.3
:C90/270Left:45.3 Right:45.3

Beam Angle(50%Imax):C0/180Left:29.2 Right:29.2
:C90/270Left:29.2 Right:29.2

Lux distance Curve



Max , Ave

Beam angle of C0 plane 58.45

NT NT 1-1714-LM

Luminance Limitting Curve(no luminous side)

Luminance Table

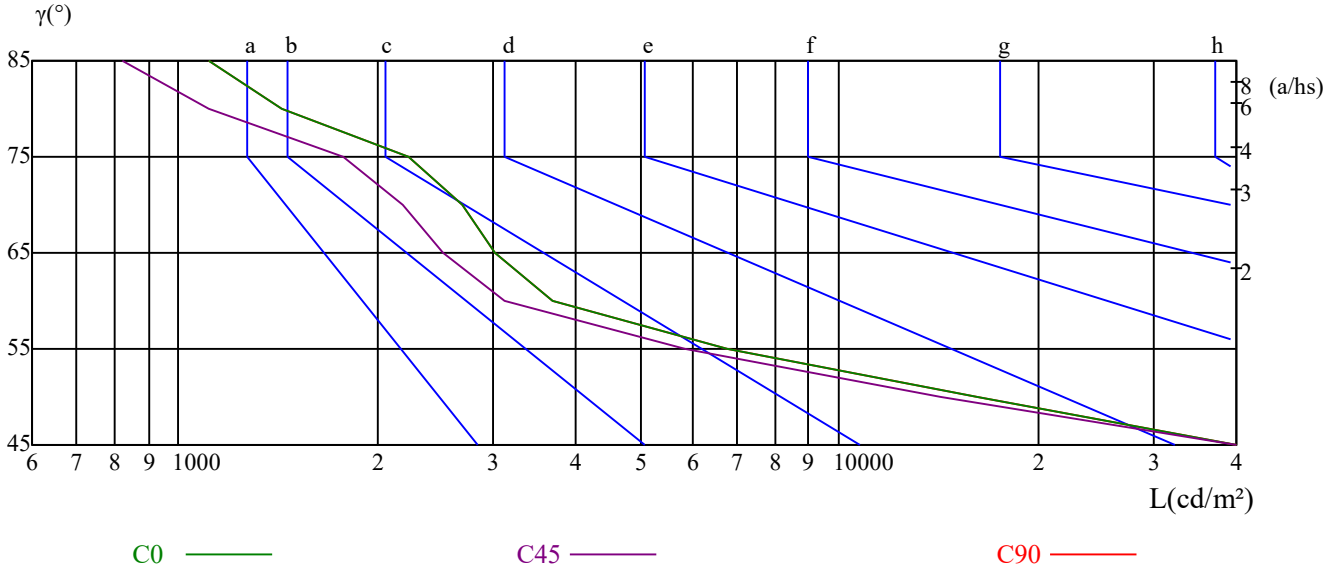
γ	45	50	55	60	65	70	75	80	85
C0	87772	16246	6796	3684	3020	2688	2229	1436	1108
C45	77912	14220	5860	3124	2514	2191	1773	1109	823
C90	87772	16246	6796	3684	3020	2688	2229	1436	1108

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
5870	5870	5870	5890	5890	5890	6680	6680	6680

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: GMS 1800
Temperature(°C): 25.0

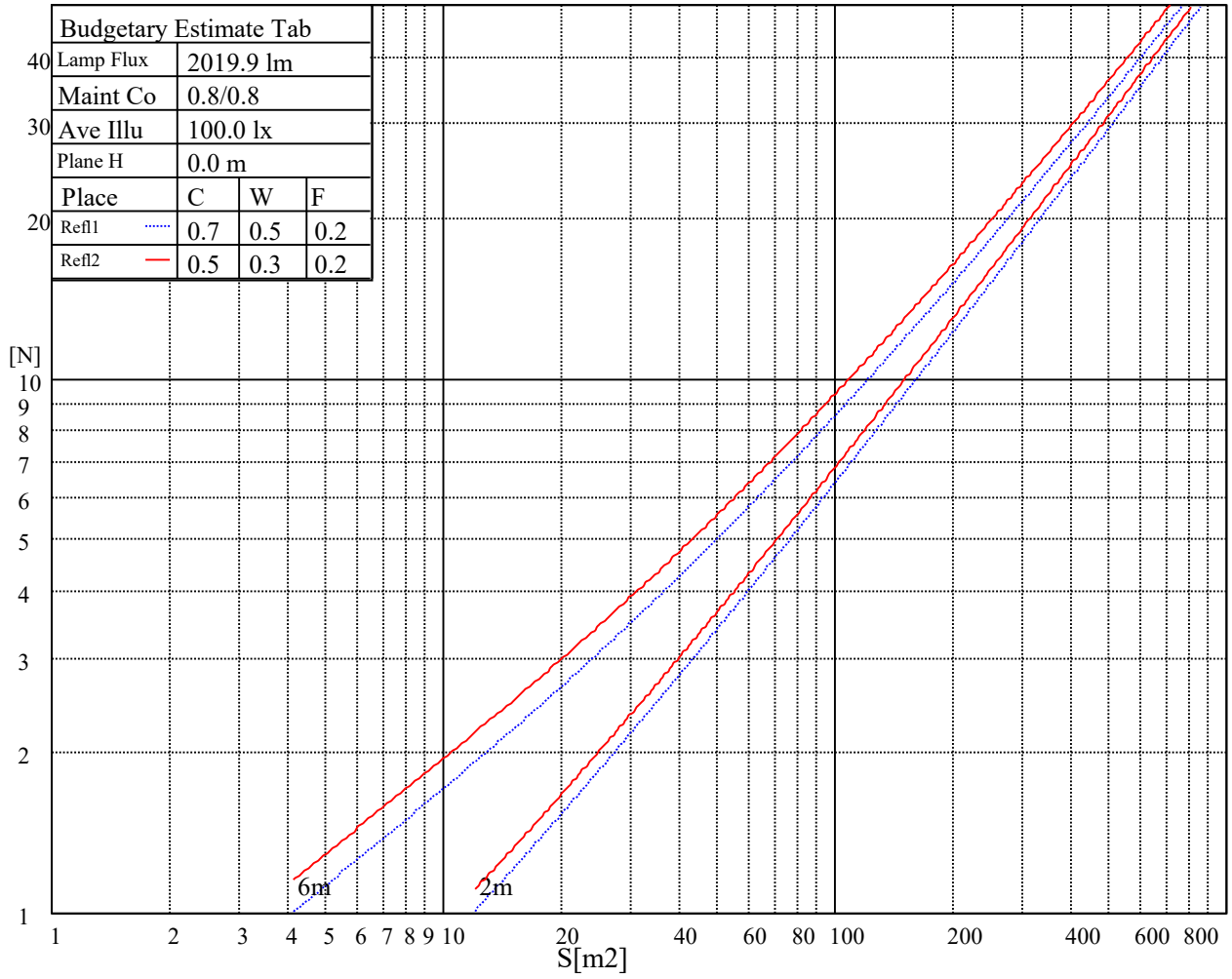
Date: 2026/3/24
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

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	23.14	24.16	23.51	24.47	24.79	23.74	24.75	24.10	25.06	25.38
	3H	22.96	23.86	23.34	24.19	24.54	23.55	24.44	23.93	24.78	25.13
	4H	22.86	23.69	23.26	24.05	24.41	23.45	24.28	23.85	24.63	25.00
	6H	22.78	23.54	23.20	23.91	24.31	23.36	24.12	23.78	24.50	24.90
	8H	22.70	23.43	23.13	23.81	24.22	23.29	24.01	23.71	24.40	24.81
	12H	22.64	23.32	23.06	23.72	24.13	23.22	23.91	23.65	24.30	24.72
4H	2H	22.85	23.68	23.25	24.04	24.40	23.44	24.27	23.84	24.63	24.99
	3H	22.64	23.32	23.06	23.72	24.14	23.22	23.91	23.64	24.30	24.72
	4H	22.57	23.16	23.01	23.59	24.04	23.15	23.75	23.59	24.17	24.62
	6H	22.43	22.96	22.91	23.41	23.86	23.02	23.54	23.49	23.99	24.44
	8H	22.37	22.86	22.86	23.32	23.79	22.96	23.44	23.44	23.90	24.37
	12H	22.32	22.77	22.81	23.22	23.74	22.91	23.35	23.40	23.81	24.33
8H	4H	22.37	22.86	22.86	23.31	23.79	22.95	23.44	23.44	23.90	24.37
	6H	22.22	22.62	22.73	23.10	23.61	22.80	23.20	23.31	23.68	24.19
	8H	22.21	22.54	22.74	23.07	23.56	22.79	23.12	23.32	23.65	24.14
	12H	22.15	22.42	22.70	22.93	23.45	22.73	23.00	23.28	23.51	24.04
12H	4H	22.32	22.77	22.81	23.22	23.74	22.90	23.35	23.39	23.80	24.32
	6H	22.20	22.54	22.74	23.06	23.56	22.79	23.12	23.32	23.64	24.14
	8H	22.15	22.41	22.69	22.93	23.45	22.73	22.99	23.27	23.51	24.03
Variation with the observer position at spacings:											
S = 1.0H		3.7/-14.1					3.7/-14.1				
S = 1.5H		6.5/-15.2					6.5/-15.2				
S = 2.0H		8.5/-15.0					8.5/-15.0				
Standard tables:		BK0					BK0				
Uncorrected UGR		4.3					4.3				

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

Budgetary Estimate Table



Equipment: GMS 1800 Date: 2026/3/24 Operator: YZQ
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.50

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	1.13	1.13	1.13	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.97
1	1.07	1.05	1.02	1.05	1.03	1.01	1.01	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.90
2	0.99	0.95	0.92	0.98	0.94	0.91	0.94	0.91	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.84
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	0.66
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	0.68	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	0.65	0.60	0.56	0.64	0.59	0.56	0.63	0.59	0.55	0.62	0.58	0.55	0.54
9	0.62	0.56	0.52	0.62	0.56	0.52	0.61	0.56	0.52	0.60	0.55	0.52	0.59	0.55	0.52	0.50
10	0.59	0.53	0.49	0.58	0.53	0.49	0.57	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	2117.19	2107.63	2086.82	2073.32	2052.51	2030.01	2017.07	1994.57	1967.01
45.0	2123.94	2124.51	2112.69	2099.19	2087.94	2067.13	2049.13	2028.88	2008.07
90.0	2129.57	2127.32	2114.38	2101.44	2084.57	2058.69	2047.44	2033.94	2017.07
135.0	2114.94	2125.63	2130.13	2123.94	2115.51	2104.26	2091.32	2084.57	2065.44
180.0	2117.19	2129.01	2129.57	2123.38	2115.51	2111.01	2103.69	2086.26	2074.44
225.0	2123.94	2111.57	2105.38	2096.94	2076.69	2068.82	2066.01	2047.44	2027.76
270.0	2129.57	2121.13	2109.32	2101.44	2089.63	2074.44	2063.19	2053.07	2041.26
315.0	2114.94	2101.44	2094.13	2075.01	2064.88	2045.76	2025.51	2014.26	1988.94
360.0	2117.19	2107.63	2086.82	2073.32	2052.51	2030.01	2017.07	1994.57	1967.01

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1947.32	1916.38	1883.76	1846.07	1801.63	1776.32	1719.51	1666.07	1641.88
45.0	1995.13	1960.26	1934.38	1912.44	1871.38	1833.13	1794.32	1746.51	1713.88
90.0	1996.26	1969.26	1953.51	1906.82	1865.19	1851.69	1808.38	1769.01	1727.38
135.0	2052.51	2037.88	2013.13	1989.51	1962.51	1936.07	1918.63	1882.63	1843.26
180.0	2063.19	2039.57	2018.19	1994.01	1978.26	1941.69	1911.32	1864.63	1815.69
225.0	1995.69	1982.76	1951.26	1908.51	1868.57	1815.69	1774.63	1717.82	1642.44
270.0	2019.32	1987.82	1969.82	1937.76	1890.51	1855.07	1815.69	1790.38	1729.07
315.0	1964.19	1940.01	1901.19	1880.94	1846.63	1806.13	1763.94	1704.88	1676.76
360.0	1947.32	1916.38	1883.76	1846.07	1801.63	1776.32	1719.51	1666.07	1641.88

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1593.51	1533.88	1479.32	1412.38	1380.88	1329.69	1280.76	1232.38	1111.44
45.0	1657.07	1603.07	1552.44	1494.51	1458.51	1388.76	1329.13	1273.44	1217.76
90.0	1668.32	1636.82	1590.13	1532.19	1474.82	1405.07	1370.76	1317.88	1265.57
135.0	1803.88	1754.38	1724.57	1659.32	1568.76	1535.01	1464.69	1412.94	1361.76
180.0	1787.57	1727.38	1676.76	1610.94	1550.19	1514.76	1416.32	1358.38	1324.07
225.0	1603.07	1527.69	1468.63	1406.19	1337.01	1298.19	1238.57	1116.79	1116.79
270.0	1677.32	1622.76	1551.32	1511.38	1438.26	1382.57	1327.44	1258.26	1235.19
315.0	1623.88	1529.94	1497.88	1442.76	1388.76	1337.57	1277.38	1245.32	1120.11
360.0	1593.51	1533.88	1479.32	1412.38	1380.88	1329.69	1280.76	1232.38	1111.44

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1090.46	1090.46	1030.05	1000.01	949.56	899.55	853.88	797.51	763.54
45.0	1167.13	1114.82	1059.13	1025.38	954.51	896.57	845.94	794.19	768.32
90.0	1209.32	1086.47	1086.47	1066.33	1000.13	968.57	898.20	840.60	811.74
135.0	1306.63	1274.57	1207.07	1148.57	1088.38	1026.51	989.94	923.57	854.38
180.0	1261.63	1208.76	1152.51	1092.32	1058.01	987.69	933.13	884.76	830.19
225.0	1053.23	997.59	941.23	877.50	844.31	801.56	735.02	708.53	662.01
270.0	1144.63	1088.38	1056.32	991.63	941.57	892.63	848.19	821.76	768.32
315.0	1096.37	1085.23	1028.81	974.76	922.84	864.11	836.33	786.54	729.00
360.0	1090.46	1090.46	1030.05	1000.01	949.56	899.55	853.88	797.51	763.54

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	677.08	597.83	556.20	485.61	417.99	354.04	285.36	252.84	201.71
45.0	717.69	676.63	632.19	565.82	506.76	442.07	381.32	345.88	293.57
90.0	764.55	707.57	646.71	568.18	528.64	462.49	399.38	340.88	275.23
135.0	826.26	767.76	710.38	647.94	582.13	541.63	463.44	402.13	342.51
180.0	789.13	759.88	678.32	641.19	565.26	500.01	436.44	376.26	340.82
225.0	627.08	547.14	481.44	444.60	392.85	338.74	287.72	230.51	204.13
270.0	716.01	654.69	578.76	516.32	455.01	395.94	361.63	295.26	295.26
315.0	667.18	584.38	517.28	450.68	374.51	338.79	281.08	227.25	177.75
360.0	677.08	597.83	556.20	485.61	417.99	354.04	285.36	252.84	201.71

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	154.74	112.39	69.75	52.93	30.09	25.65	24.53	22.73	20.59
45.0	293.57	203.18	157.95	122.29	88.43	59.23	45.73	31.16	27.11
90.0	244.29	195.13	150.53	101.25	65.36	38.31	25.71	22.05	20.93
135.0	287.38	287.38	182.08	136.69	111.94	68.01	40.78	27.23	23.23
180.0	286.26	286.26	179.72	125.10	84.88	52.20	30.54	24.08	20.08
225.0	160.31	119.14	76.73	48.88	31.33	24.13	20.87	19.35	17.04
270.0	235.58	144.17	102.60	66.15	38.48	28.52	20.98	19.07	17.27
315.0	125.33	101.25	65.93	30.60	26.55	22.33	20.48	18.68	15.98
360.0	154.74	112.39	69.75	52.93	30.09	25.65	24.53	22.73	20.59

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	18.11	15.19	13.95	12.21	11.14	10.69	9.96	9.51	8.94
45.0	24.08	21.66	18.84	16.37	14.34	13.33	11.48	10.46	9.51
90.0	19.01	16.59	14.40	11.93	10.13	8.72	8.04	7.65	7.20
135.0	22.50	20.42	17.21	15.81	13.05	11.08	9.62	8.89	8.61
180.0	17.21	15.81	12.77	10.35	8.33	6.69	5.85	5.29	5.01
225.0	14.51	12.15	9.56	8.44	6.75	6.30	5.79	5.51	5.18
270.0	15.36	12.66	11.42	8.89	7.99	6.86	6.41	6.02	5.68
315.0	14.68	12.49	10.63	9.28	8.44	8.27	7.76	7.43	6.92
360.0	18.11	15.19	13.95	12.21	11.14	10.69	9.96	9.51	8.94

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.33	8.16	7.65	7.26	6.98	6.47	6.30	5.74	5.29
45.0	9.00	8.83	7.99	7.76	7.48	6.98	6.75	6.75	6.02
90.0	6.92	6.47	6.19	5.96	5.79	5.68	5.40	4.95	4.73
135.0	8.16	7.71	7.26	6.86	6.47	6.13	5.91	5.68	5.40
180.0	4.89	4.78	4.61	4.50	4.39	4.28	4.39	4.22	4.16
225.0	5.01	4.84	4.73	4.56	4.56	4.56	4.22	4.16	4.05
270.0	5.51	5.23	5.06	4.89	4.78	4.67	4.33	4.22	4.05
315.0	6.64	6.47	6.13	5.85	5.79	5.46	5.23	4.89	4.67
360.0	8.33	8.16	7.65	7.26	6.98	6.47	6.30	5.74	5.29

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	4.89	4.44	4.16	3.49	2.93	2.70	2.36	2.14	2.03
45.0	5.63	5.01	4.84	4.50	4.11	3.94	3.21	2.76	2.48
90.0	4.56	4.16	4.11	3.94	3.60	3.15	2.48	2.31	2.14
135.0	5.12	4.78	4.56	4.33	3.99	3.60	3.32	2.87	2.59
180.0	4.22	4.16	4.05	3.88	3.66	3.26	3.04	2.64	2.25
225.0	3.88	3.77	3.54	3.43	2.98	2.42	2.25	2.14	2.08
270.0	3.94	3.71	3.54	3.49	3.32	2.70	2.25	2.08	1.97
315.0	4.44	4.16	3.83	3.43	2.81	2.42	2.25	2.03	1.91
360.0	4.89	4.44	4.16	3.49	2.93	2.70	2.36	2.14	2.03

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	1.86	1.69	1.63	1.41	1.35	1.13	1.01	0.90	0.79
45.0	2.19	2.08	1.97	1.74	1.58	1.46	1.29	1.13	1.07
90.0	1.86	1.86	1.74	1.52	1.41	1.29	1.13	1.01	0.96
135.0	2.25	2.14	1.97	1.86	1.74	1.52	1.35	1.24	1.18
180.0	2.14	2.03	1.91	1.80	1.63	1.58	1.46	1.29	1.13
225.0	1.91	1.86	1.74	1.69	1.52	1.52	1.35	1.13	1.07
270.0	1.86	1.69	1.58	1.41	1.29	1.18	1.13	1.07	0.96
315.0	1.86	1.63	1.46	1.29	1.13	1.07	0.96	0.90	0.79
360.0	1.86	1.69	1.63	1.41	1.35	1.13	1.01	0.90	0.79

Intensity data(cd)

C/γ(°)	90.0
0.0	0.79
45.0	0.90
90.0	0.90
135.0	0.90
180.0	1.07
225.0	0.90
270.0	0.73
315.0	0.39
360.0	0.79