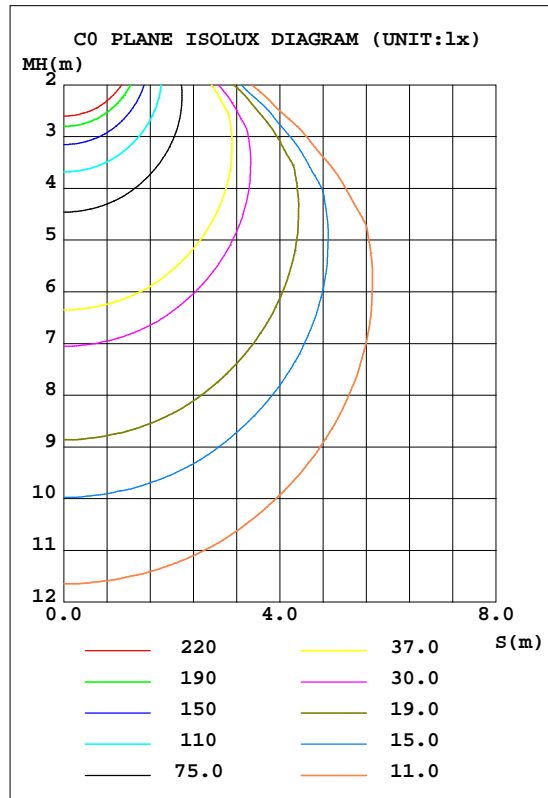
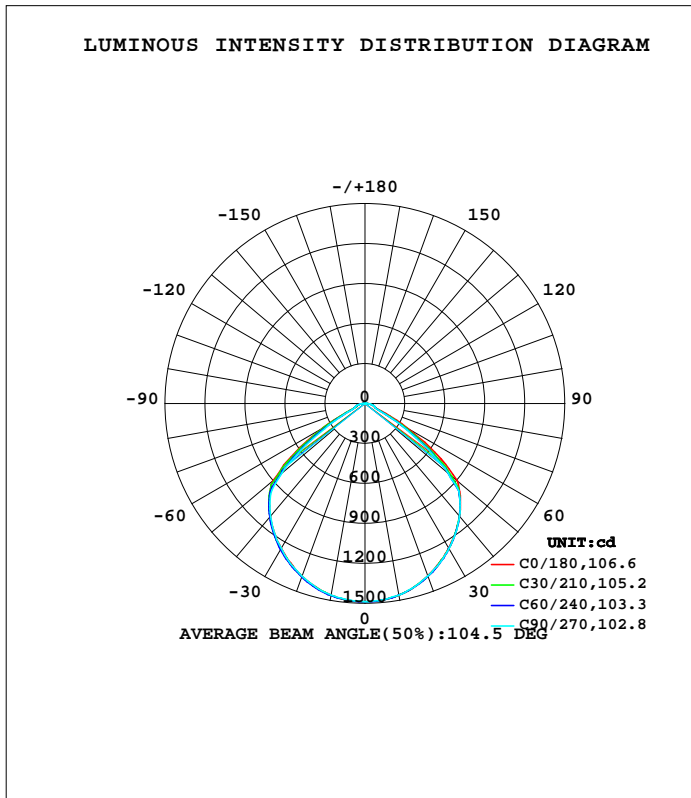


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.78 lm/W			
MODEL	GNB-25W-MCT-WH-P	I <sub>max</sub> (cd)	1491	S/MH(C0/180)	1.26
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	3450.7	h UP, DN(C0-180)	0.2,49.5
NOMINAL FLUX(lm)	3450.72	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.2,50.0
LAMPS INSIDE	1	h up(%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	h down(%)	99.6	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

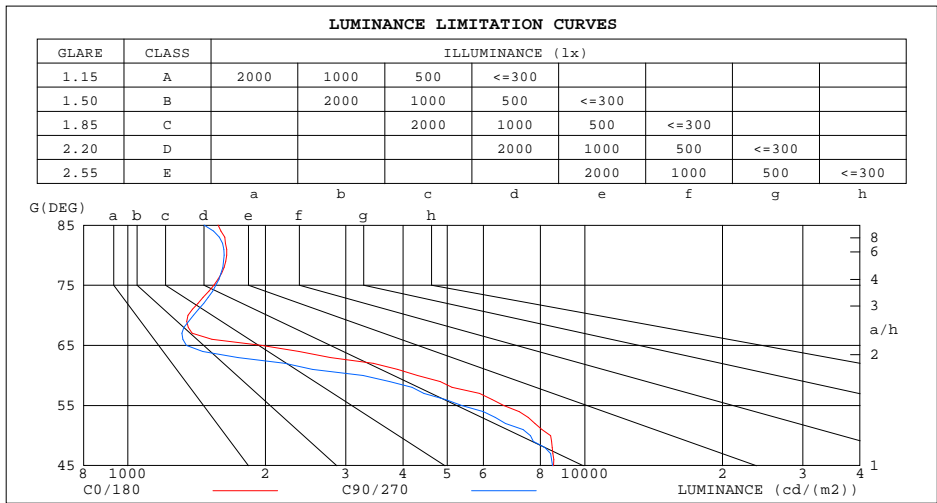
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1460	1460	1461	1461	1461	1463	1461	1459	0- 10	140.7	140.7	4.08,4.08
20	1376	1380	1378	1379	1381	1384	1379	1379	10- 20	402.7	543.5	15.7,15.7
30	1255	1256	1259	1255	1257	1266	1257	1257	20- 30	610.2	1154	33.4,33.4
40	1104	1104	1104	1104	1104	1113	1103	1102	30- 40	742.5	1896	55,55
50	906.3	828.9	820.5	884.6	905.0	863.0	815.6	893.8	40- 50	774.2	2670	77.4,77.4
60	360.6	309.8	274.6	351.6	366.4	334.7	262.5	359.3	50- 60	527.3	3198	92.7,92.7
70	77.66	80.13	79.86	75.15	74.57	77.50	78.15	75.84	60- 70	145.6	3343	96.9,96.9
80	47.94	48.24	47.35	46.11	46.65	46.05	45.67	44.62	70- 80	68.17	3411	98.9,98.9
90	0.3764	1.430	0.1963	1.174	0.1328	0.2162	0.0810	1.992	80- 90	24.05	3436	99.6,99.6
100	0.2971	0.5318	0.6550	0.6608	0.4895	0.3272	0.2602	0.3280	90-100	0.3061	3436	99.6,99.6
110	1.083	1.269	1.458	1.445	1.345	0.9764	0.9243	0.9813	100-110	0.8008	3437	99.6,99.6
120	2.151	2.367	2.623	2.522	2.429	1.990	1.887	1.920	110-120	1.669	3438	99.6,99.6
130	3.160	3.413	3.602	3.511	3.402	3.041	2.898	2.800	120-130	2.418	3441	99.7,99.7
140	3.958	4.254	4.432	4.266	4.236	3.748	3.712	3.634	130-140	2.789	3444	99.8,99.8
150	4.686	4.903	5.075	4.925	4.847	4.430	4.441	4.418	140-150	2.714	3446	99.9,99.9
160	5.334	5.411	5.639	5.487	5.548	5.183	5.308	5.261	150-160	2.323	3449	99.9,99.9
170	5.929	5.784	6.107	5.930	6.116	5.680	5.958	5.850	160-170	1.594	3450	100,100
180	6.270	6.236	6.282	6.319	6.355	6.169	6.250	6.290	170-180	0.5737	3451	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-07-09

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:8.700m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1577	1469
80	1647	1625
75	1543	1559
70	1355	1392
65	1964	1343
60	4303	3274
55	6656	5387
50	8413	7608
45	8545	8497

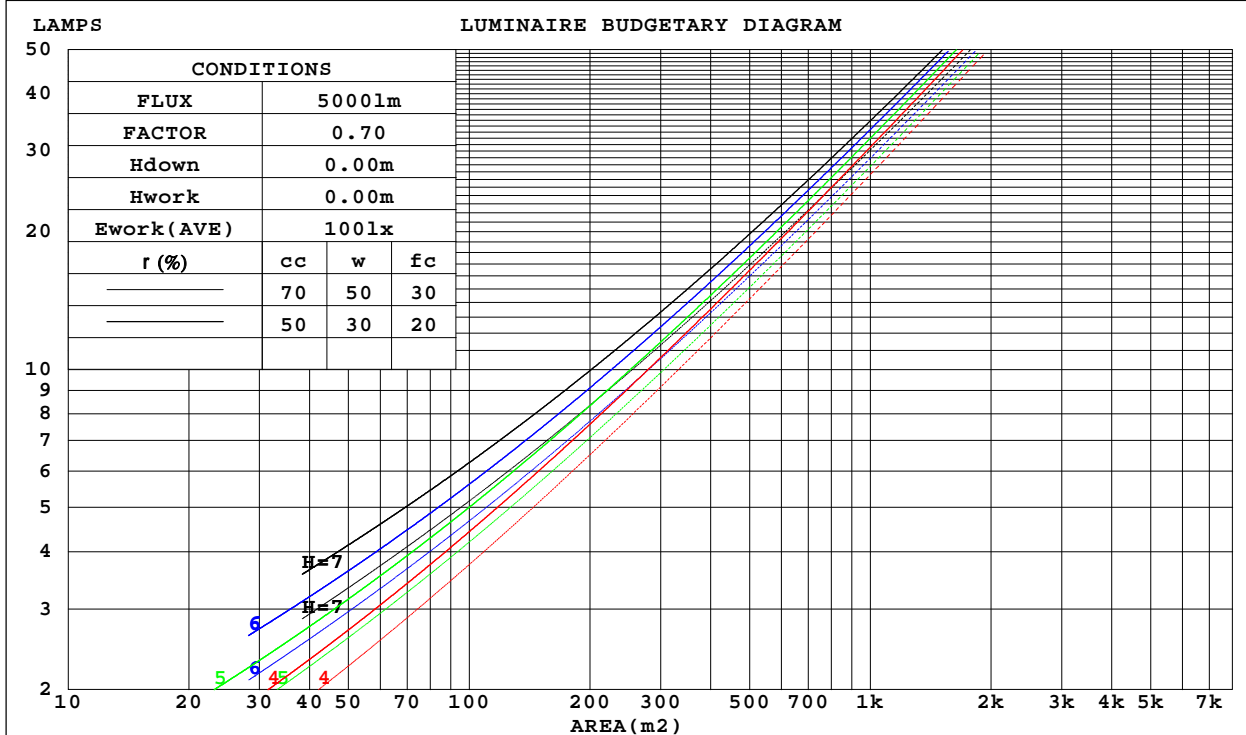
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.07	1.03	1.00	1.05	1.01	.99	1.00	.98	.95	.96	.94	.92	.93	.91	.90	.88
2.0	.95	.90	.85	.94	.88	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.73	.69	.76	.72	.68	.66
4.0	.77	.69	.63	.75	.68	.62	.73	.67	.62	.70	.65	.61	.68	.64	.60	.58
5.0	.69	.61	.55	.68	.60	.55	.66	.59	.54	.64	.58	.53	.62	.57	.53	.51
6.0	.62	.54	.48	.62	.54	.48	.60	.53	.48	.58	.52	.47	.57	.51	.47	.45
7.0	.57	.49	.43	.56	.48	.43	.55	.48	.43	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.38	.50	.43	.38	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.44	.38	.34	.32
10.0	.44	.37	.32	.44	.36	.32	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.251	.143	.045	.244	.139	.044	.230	.132	.042	.218	.126	.040	.207	.120	.039	
2.0	.243	.133	.041	.237	.131	.040	.226	.125	.039	.215	.121	.038	.205	.116	.037	
3.0	.231	.123	.037	.226	.121	.036	.216	.117	.036	.206	.113	.035	.198	.110	.034	
4.0	.218	.114	.033	.214	.112	.033	.205	.109	.032	.197	.106	.032	.189	.103	.031	
5.0	.206	.105	.030	.202	.104	.030	.194	.101	.030	.186	.098	.029	.179	.096	.029	
6.0	.194	.097	.028	.190	.096	.028	.183	.094	.027	.176	.092	.027	.170	.090	.027	
7.0	.183	.090	.026	.179	.089	.025	.173	.088	.025	.167	.086	.025	.162	.084	.025	
8.0	.173	.084	.024	.170	.083	.024	.164	.082	.023	.158	.080	.023	.153	.079	.023	
9.0	.163	.079	.022	.160	.078	.022	.155	.077	.022	.150	.075	.022	.146	.074	.021	
10.0	.154	.074	.021	.152	.073	.020	.147	.072	.020	.143	.071	.020	.139	.070	.020	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.180	.160	.142	.154	.137	.123	.105	.094	.085	.061	.055	.049	.019	.018	.016	
2.0	.169	.136	.107	.145	.117	.093	.099	.081	.065	.057	.047	.038	.018	.015	.012	
3.0	.160	.117	.083	.138	.101	.072	.094	.070	.051	.055	.041	.030	.018	.013	.010	
4.0	.153	.104	.066	.131	.090	.058	.090	.062	.041	.052	.037	.024	.017	.012	.008	
5.0	.146	.093	.054	.125	.081	.047	.086	.056	.033	.050	.033	.020	.016	.011	.007	
6.0	.139	.085	.045	.120	.073	.040	.082	.051	.028	.048	.030	.017	.015	.010	.005	
7.0	.133	.078	.039	.114	.067	.034	.079	.047	.024	.046	.028	.014	.015	.009	.005	
8.0	.127	.072	.034	.109	.062	.030	.076	.044	.021	.044	.026	.012	.014	.008	.004	
9.0	.122	.067	.030	.105	.058	.026	.073	.041	.019	.042	.024	.011	.014	.008	.004	
10.0	.116	.063	.027	.100	.054	.023	.070	.038	.017	.041	.023	.010	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: JG					SUR.:			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	17.1	18.6	17.5	18.9	19.2	16.6	18.1	17.0	18.4	18.7
3H	17.2	18.5	17.6	18.8	19.2	16.7	18.0	17.1	18.4	18.8
4H	17.3	18.5	17.7	18.9	19.3	16.9	18.1	17.3	18.4	18.8
6H	17.4	18.6	17.9	18.9	19.3	17.0	18.1	17.4	18.5	18.9
8H	17.5	18.6	17.9	19.0	19.4	17.1	18.1	17.5	18.5	19.0
12H	17.5	18.5	18.0	18.9	19.4	17.1	18.1	17.6	18.5	19.0
4H 2H	17.0	18.2	17.4	18.6	18.9	16.6	17.8	17.0	18.2	18.6
3H	17.2	18.2	17.6	18.6	19.0	16.8	17.8	17.2	18.2	18.6
4H	17.4	18.3	17.8	18.7	19.2	17.0	17.9	17.5	18.4	18.8
6H	17.7	18.4	18.1	18.9	19.4	17.3	18.1	17.8	18.5	19.0
8H	17.8	18.5	18.2	18.9	19.4	17.4	18.1	17.9	18.6	19.1
12H	17.9	18.5	18.4	19.0	19.5	17.5	18.1	18.0	18.6	19.1
8H 4H	17.4	18.1	17.9	18.6	19.1	17.1	17.8	17.5	18.2	18.7
6H	17.8	18.4	18.3	18.9	19.4	17.4	18.0	17.9	18.5	19.0
8H	18.0	18.5	18.5	19.0	19.5	17.6	18.1	18.1	18.7	19.2
12H	18.1	18.6	18.6	19.1	19.7	17.7	18.2	18.3	18.7	19.3
12H 4H	17.4	18.1	17.9	18.5	19.0	17.1	17.7	17.6	18.2	18.7
6H	17.8	18.3	18.3	18.8	19.4	17.4	18.0	18.0	18.5	19.0
8H	18.0	18.5	18.5	19.0	19.6	17.6	18.1	18.2	18.6	19.2
CIE190: 2010										

CIE190: 2010  
Area: 0.168 m2

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-07-09

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:8.700m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

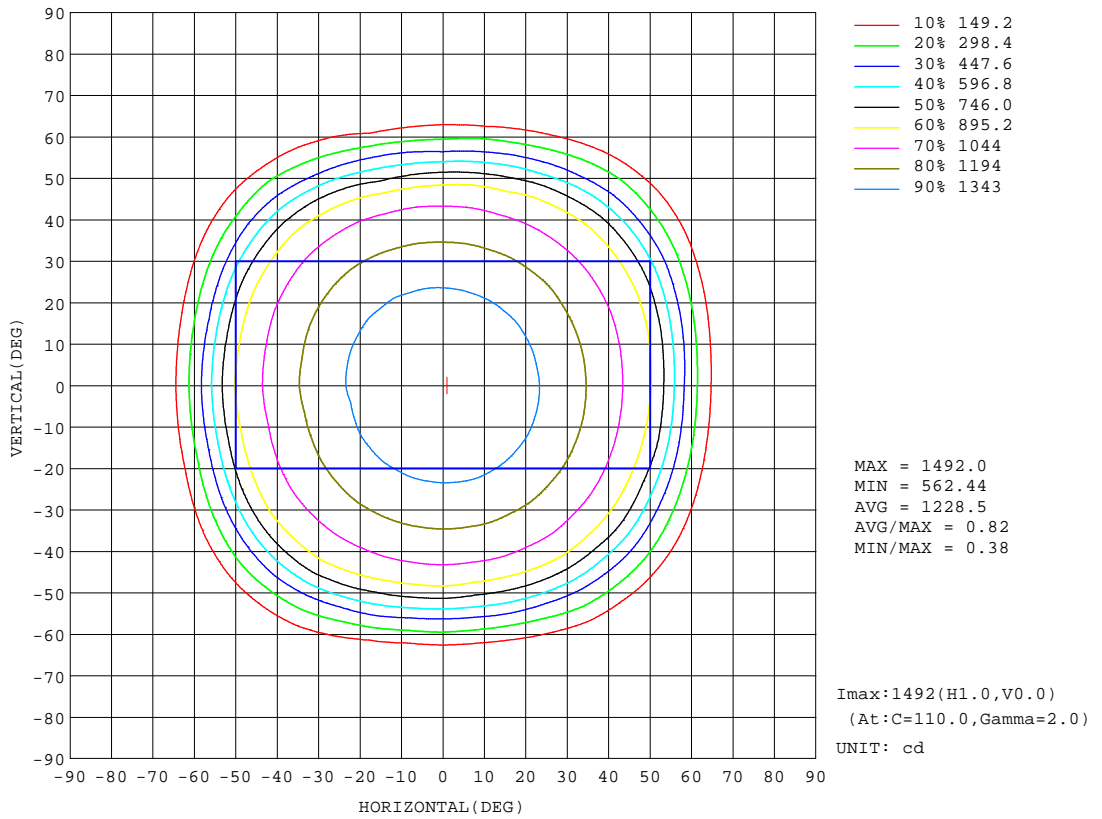
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	62	52	45	62	52	45	61	51	45	39
0.80	73	63	56	72	63	56	71	62	56	50
1.00	82	73	67	81	72	66	79	73	66	59
1.25	89	81	75	88	80	74	86	79	73	67
1.50	94	86	80	92	85	80	90	83	78	72
2.00	100	93	88	98	92	87	95	90	86	79
2.50	103	97	92	101	95	91	97	93	89	81
3.00	106	100	96	104	99	95	100	96	92	85
4.00	109	104	100	106	102	99	102	99	96	88
5.00	110	106	103	108	105	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-07-09

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity: 65.0%  
Test Distance: 8.700m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-07-09

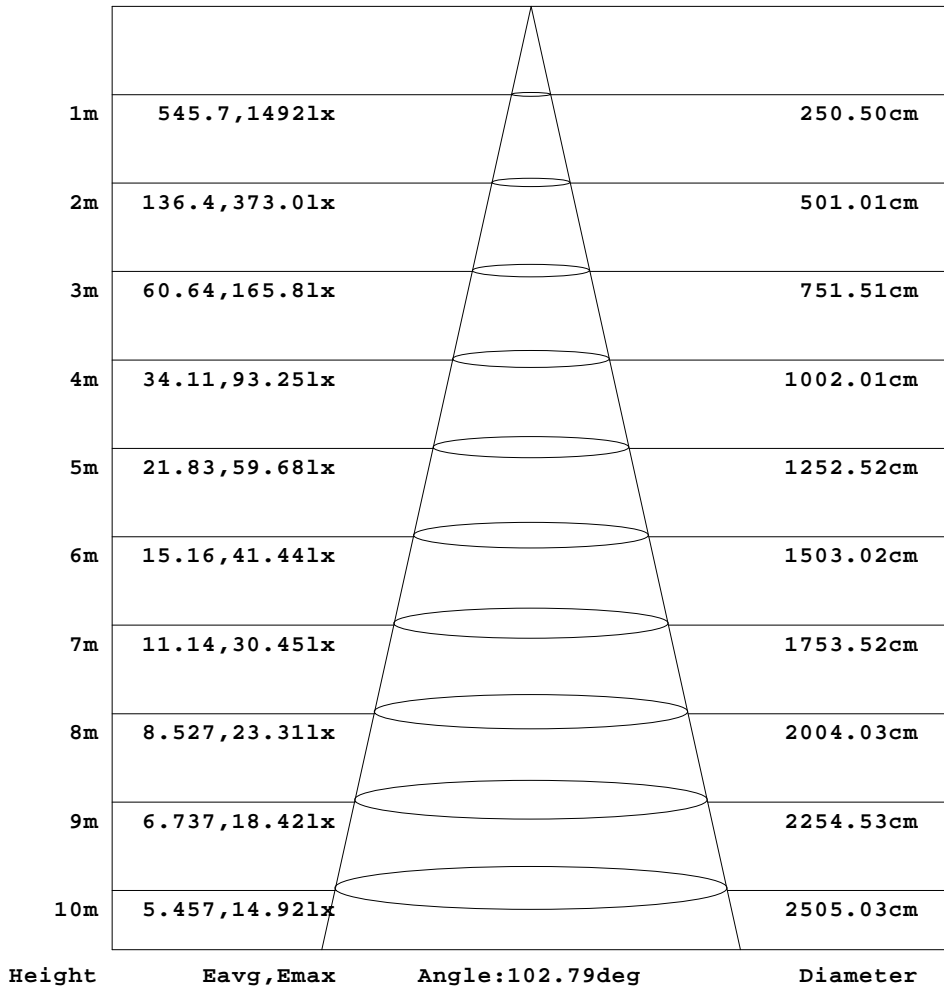
g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

Flux out:2809 lm



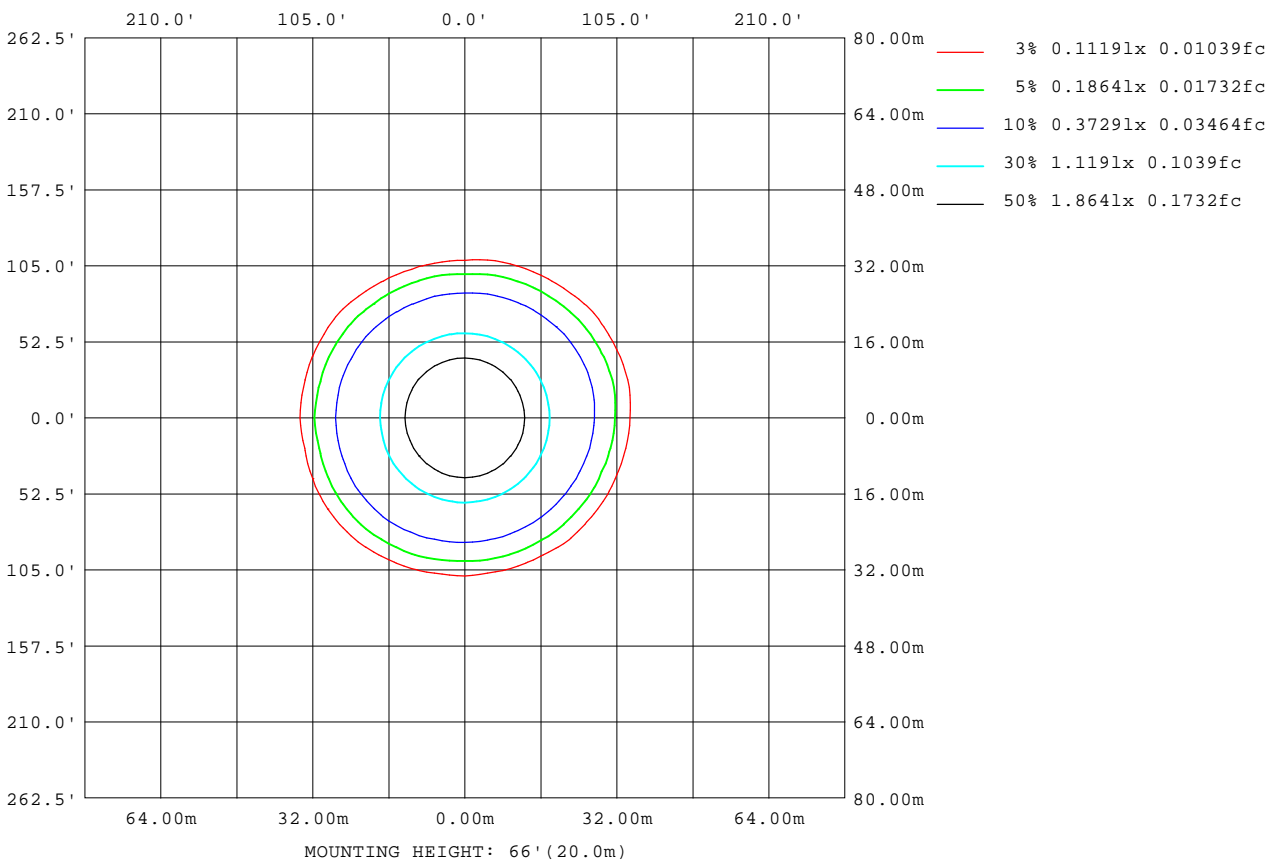
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.700m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

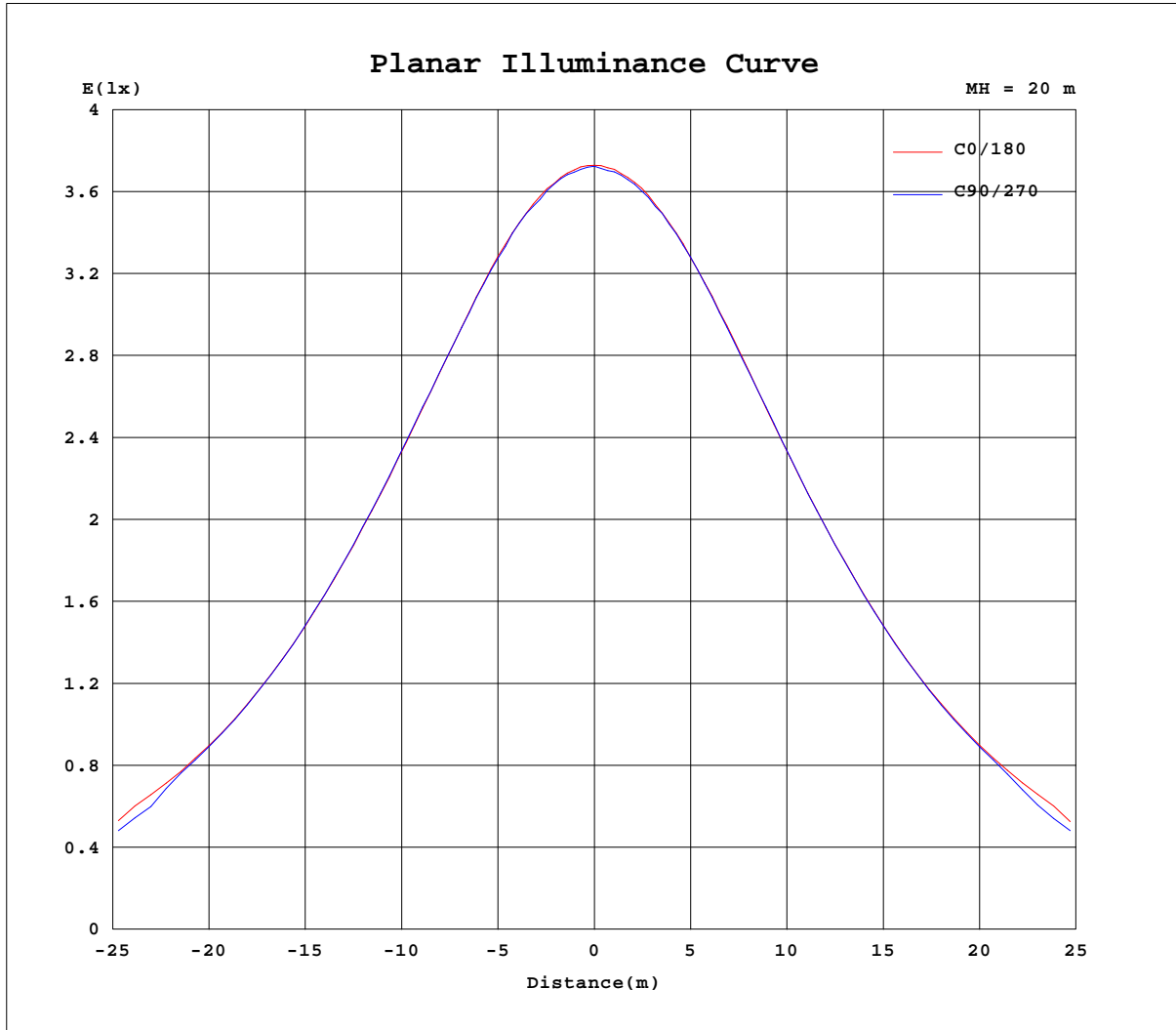
AvgL	cd/m2
L_0~180(65)av	1856
L_0~180(75)av	1509
L_0~180(85)av	1547
L_90~270(65)av	1346
L_90~270(75)av	1537
L_90~270(85)av	1395
L_45(65)av	1628
L_45(75)av	1511
L_45(85)av	1433

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-07-09

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:8.700m [K=1.0000]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.700m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488
5	1481	1482	1479	1481	1481	1481	1481	1482	1479	1481	1481	1484	1482	1483	1480	1482	1480	1481	1481
10	1460	1462	1461	1461	1461	1460	1459	1460	1460	1461	1463	1465	1462	1462	1460	1462	1459	1462	1461
15	1428	1427	1425	1425	1427	1427	1428	1427	1427	1426	1431	1432	1427	1428	1425	1428	1426	1424	1425
20	1376	1380	1379	1380	1379	1381	1381	1384	1381	1378	1381	1384	1379	1379	1378	1379	1377	1378	1381
25	1320	1320	1320	1321	1323	1325	1326	1326	1323	1324	1324	1326	1323	1325	1319	1319	1317	1316	1321
30	1255	1257	1256	1257	1255	1258	1257	1262	1261	1259	1263	1261	1257	1257	1253	1256	1252	1254	1257
35	1185	1185	1183	1184	1184	1185	1187	1189	1187	1186	1188	1188	1186	1188	1182	1184	1181	1181	1186
40	1104	1103	1102	1102	1104	1104	1104	1105	1102	1104	1106	1108	1101	1106	1101	1104	1100	1102	1104
45	1013	1010	1008	1008	1007	1008	1007	1008	1005	1008	1012	1008	1010	1012	1012	1016	1012	1013	1015
50	906	880	847	851	830	828	816	820	815	820	835	841	855	886	883	895	885	883	905
55	640	623	596	586	566	565	538	521	518	518	522	561	591	624	615	630	622	620	635
60	361	346	328	323	312	308	286	258	239	275	265	294	308	345	358	357	346	335	366
65	139	125	114	105	100	99.8	98.2	97.3	95.5	95.2	95.1	96.7	106	121	123	127	120	123	124
70	77.7	78.4	78.6	79.5	79.9	80.4	80.6	80.7	80.2	79.9	78.9	77.9	76.6	75.9	74.4	74.1	73.4	73.7	74.6
75	66.9	67.6	67.8	68.3	68.0	68.3	68.1	68.3	67.8	67.7	67.1	66.6	65.5	64.7	63.6	63.4	62.9	63.1	64.3
80	47.9	49.5	49.0	49.2	48.3	48.2	47.5	47.8	47.1	47.4	46.9	47.1	46.5	46.6	45.6	45.9	45.3	45.6	46.7
85	23.0	25.5	24.6	24.6	23.2	23.0	21.8	22.0	20.9	21.5	21.2	22.3	22.0	22.7	22.0	22.6	21.9	22.1	22.3
90	0.38	1.34	1.54	1.86	1.52	1.35	1.24	0.32	0.20	0.20	0.55	1.38	1.23	1.32	1.03	0.64	0.41	0.15	0.13
95	0.15	0.19	0.28	0.23	0.22	0.14	0.10	0.19	0.18	0.23	0.19	0.24	0.12	0.21	0.31	0.39	0.35	0.29	0.23
100	0.30	0.36	0.28	0.45	0.62	0.45	0.42	0.49	0.53	0.66	0.64	0.65	0.56	0.65	0.67	0.63	0.58	0.59	0.49
105	0.62	0.68	0.59	0.83	1.00	0.60	0.62	0.75	0.88	1.03	0.99	1.01	0.79	0.86	1.00	1.09	1.08	1.07	0.87
110	1.08	1.17	1.07	1.31	1.54	1.00	0.97	1.08	1.34	1.46	1.41	1.49	1.19	1.35	1.54	1.62	1.63	1.64	1.35
115	1.62	1.69	1.60	1.82	2.11	1.52	1.54	1.64	1.88	2.00	1.95	2.04	1.73	1.87	2.11	2.16	2.19	2.21	1.87
120	2.15	2.21	2.09	2.36	2.66	2.07	2.07	2.19	2.54	2.62	2.59	2.65	2.28	2.40	2.64	2.69	2.74	2.78	2.43
125	2.67	2.68	2.59	2.87	3.18	2.62	2.57	2.73	3.06	3.11	3.06	3.19	2.77	2.94	3.13	3.20	3.28	3.30	2.91
130	3.16	3.12	3.10	3.36	3.72	3.11	3.07	3.16	3.59	3.60	3.62	3.72	3.26	3.42	3.61	3.66	3.79	3.85	3.40
135	3.60	3.50	3.53	3.81	4.13	3.62	3.59	3.61	4.15	4.04	4.12	4.26	3.65	3.83	4.07	4.10	4.28	4.28	3.82
140	3.96	3.81	3.91	4.10	4.47	4.04	3.94	4.04	4.57	4.43	4.55	4.60	3.98	4.17	4.36	4.45	4.65	4.62	4.24
145	4.30	4.18	4.24	4.44	4.71	4.42	4.29	4.38	4.93	4.78	4.81	4.97	4.33	4.53	4.70	4.74	5.00	4.93	4.52
150	4.69	4.54	4.49	4.75	4.98	4.83	4.60	4.77	5.22	5.08	5.10	5.21	4.64	4.88	4.97	5.12	5.27	5.21	4.85
155	5.07	4.93	4.84	4.98	5.17	5.14	4.96	5.08	5.47	5.37	5.37	5.52	5.04	5.17	5.23	5.36	5.54	5.45	5.18
160	5.33	5.21	5.12	5.17	5.44	5.38	5.33	5.36	5.72	5.64	5.54	5.71	5.39	5.48	5.49	5.52	5.68	5.63	5.55
165	5.65	5.50	5.36	5.36	5.74	5.60	5.58	5.57	5.95	5.92	5.77	5.87	5.64	5.72	5.76	5.67	5.85	5.85	5.87
170	5.93	5.72	5.50	5.54	5.85	5.72	5.73	5.80	6.07	6.11	6.02	6.05	5.76	5.95	5.91	5.92	6.03	5.99	6.12
175	6.14	6.01	6.02	5.82	6.10	6.09	5.91	5.99	6.19	6.28	6.16	6.24	5.89	6.22	6.10	6.16	6.20	6.11	6.32
180	6.27	6.23	6.07	6.01	6.13	6.34	6.16	6.02	6.29	6.28	6.05	6.25	6.26	6.36	6.28	6.23	6.33	6.36	6.35

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.2184A P:25.603W PF:0.9760 Freq:60.00Hz Lamp Flux:3450.72x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488		
5	1481	1480	1483	1483	1480	1482	1482	1480	1478	1481	1481	1481	1483	1480	1483	1480	1481		
10	1462	1461	1464	1465	1462	1464	1464	1463	1461	1463	1462	1460	1461	1458	1461	1460	1461		
15	1427	1427	1428	1431	1430	1433	1431	1430	1427	1430	1428	1429	1429	1425	1426	1427	1428		
20	1381	1380	1383	1385	1383	1386	1384	1384	1379	1384	1382	1380	1380	1379	1380	1378	1379		
25	1322	1325	1327	1330	1330	1331	1328	1329	1325	1327	1324	1323	1325	1322	1323	1322	1322		
30	1255	1261	1264	1267	1265	1267	1263	1263	1257	1262	1258	1257	1257	1257	1258	1258	1258		
35	1183	1190	1192	1195	1194	1194	1189	1189	1185	1189	1186	1187	1186	1185	1185	1185	1189		
40	1104	1108	1110	1115	1111	1112	1108	1109	1103	1105	1103	1100	1101	1102	1105	1106	1106		
45	1014	1020	1021	1021	1019	1017	1010	1011	1008	1013	1008	1010	1009	1012	1015	1019	1018		
50	888	889	869	869	857	825	823	818	816	839	845	853	886	902	908	913	917		
55	628	621	621	611	585	571	528	539	541	555	583	591	618	652	657	681	682		
60	347	352	353	349	321	293	254	258	263	300	310	325	341	378	371	385	391		
65	125	126	123	120	110	103	95.4	95.6	95.9	97.2	97.6	116	120	132	151	162	158		
70	74.7	75.5	76.3	77.3	77.7	78.5	78.5	78.7	78.1	77.8	76.7	76.2	75.7	76.0	76.3	77.3	78.1		
75	64.3	65.1	65.5	66.3	66.2	67.0	66.6	66.9	66.0	66.1	65.0	64.9	64.1	64.5	64.9	65.9	66.6		
80	45.9	46.3	45.9	46.5	45.6	46.8	46.4	46.7	45.7	46.1	45.3	45.0	44.0	45.2	45.7	47.2	48.1		
85	21.3	20.9	20.1	20.3	19.3	20.7	20.2	20.1	19.4	20.1	19.9	19.2	18.2	19.6	20.5	22.3	23.2		
90	0.24	0.44	0.30	0.26	0.17	0.10	0.10	0.07	0.08	0.07	0.11	0.09	0.13	3.85	0.16	0.18	0.29		
95	0.20	0.19	0.14	0.17	0.16	0.20	0.10	0.15	0.11	0.13	0.10	0.16	0.14	0.19	0.16	0.26	0.13		
100	0.48	0.37	0.29	0.33	0.33	0.38	0.23	0.29	0.26	0.28	0.26	0.32	0.30	0.35	0.32	0.49	0.29		
105	0.87	0.63	0.54	0.55	0.63	0.67	0.46	0.53	0.51	0.52	0.51	0.60	0.57	0.62	0.61	0.83	0.53		
110	1.38	1.02	0.93	0.92	1.04	1.11	0.82	0.90	0.92	0.88	0.91	1.05	0.95	1.01	1.00	1.29	0.94		
115	1.90	1.53	1.39	1.37	1.53	1.60	1.28	1.35	1.40	1.31	1.40	1.52	1.42	1.48	1.49	1.70	1.41		
120	2.45	1.99	1.88	1.93	2.05	2.05	1.75	1.88	1.89	1.81	1.90	1.96	1.89	1.95	1.98	2.15	1.87		
125	2.99	2.46	2.37	2.52	2.58	2.46	2.20	2.34	2.40	2.34	2.37	2.41	2.36	2.40	2.42	2.60	2.34		
130	3.48	2.98	2.80	2.98	3.10	2.88	2.65	2.74	2.90	2.74	2.82	2.95	2.81	2.79	2.87	3.01	2.80		
135	3.89	3.39	3.22	3.37	3.49	3.26	3.07	3.28	3.36	3.20	3.27	3.42	3.25	3.21	3.27	3.38	3.25		
140	4.22	3.70	3.61	3.67	3.82	3.61	3.48	3.63	3.71	3.63	3.65	3.86	3.65	3.61	3.65	3.73	3.62		
145	4.50	4.06	3.96	4.09	4.16	3.99	3.83	3.94	4.00	3.85	3.99	4.21	4.05	4.00	4.05	4.11	3.97		
150	4.76	4.57	4.40	4.44	4.42	4.43	4.32	4.45	4.44	4.15	4.37	4.56	4.47	4.37	4.44	4.51	4.51		
155	5.07	4.87	4.86	4.75	4.64	4.84	4.86	4.87	4.92	4.81	4.78	4.89	4.84	4.82	4.88	4.90	4.95		
160	5.36	5.19	5.30	5.30	5.06	5.27	5.32	5.31	5.31	5.19	5.32	5.28	5.21	5.31	5.28	5.28	5.28		
165	5.67	5.54	5.56	5.61	5.51	5.66	5.78	5.75	5.72	5.61	5.69	5.65	5.65	5.61	5.62	5.61	5.71		
170	5.89	5.84	5.85	5.69	5.67	5.84	6.03	6.01	5.96	5.90	5.97	5.82	5.87	5.83	5.81	5.82	5.91		
175	6.04	5.98	6.06	5.95	6.09	6.04	6.19	6.17	6.11	6.10	6.20	6.04	6.05	6.03	6.08	6.02	6.14		
180	6.00	6.05	6.14	6.25	6.09	6.18	6.30	6.31	6.25	6.30	6.27	6.22	6.31	6.27	6.28	6.22	6.33		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-07-09

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks: