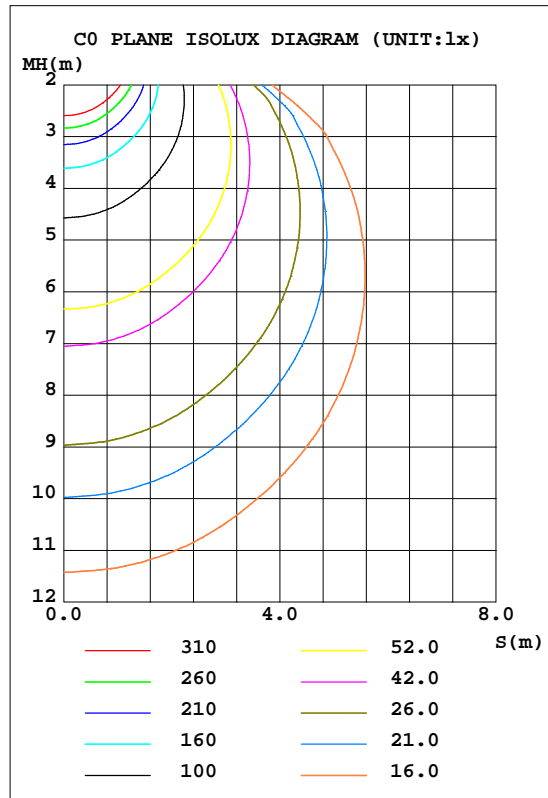
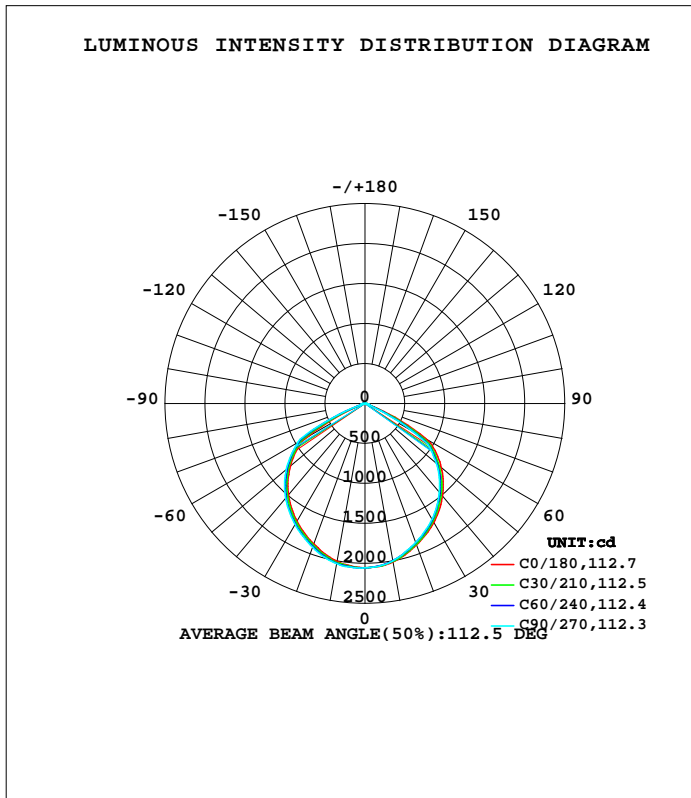


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.26 lm/W			
MODEL	GNB-40W-MCT-WH-P	I _{max} (cd)	2062	S/MH(C0/180)	1.24
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	5096.2	h UP, DN(C0-180)	0.2,47.7
NOMINAL FLUX(lm)	5096.21	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.2,51.8
LAMPS INSIDE	1	h up(%)	0.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	h down(%)	99.5	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:

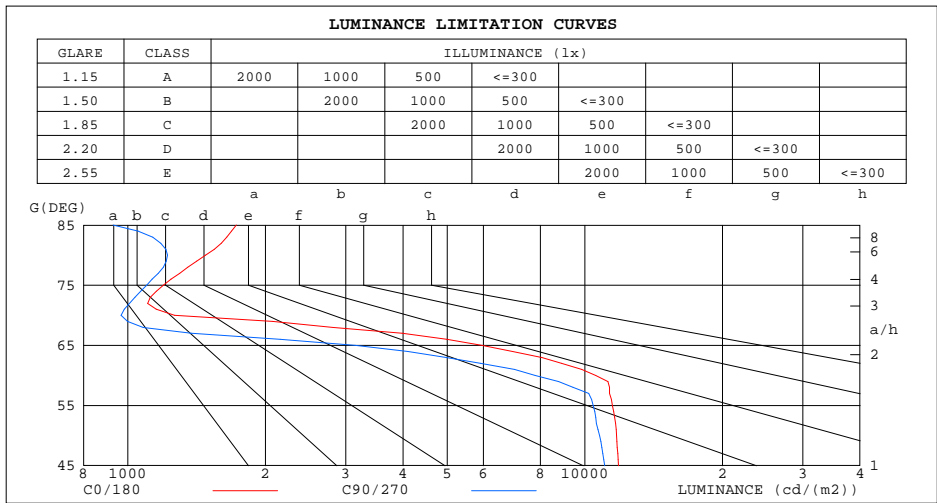
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2014	2002	1999	1994	2006	2027	2035	2033	0- 10	194.3	194.3	3.81,3.81
20	1882	1865	1851	1854	1870	1897	1915	1912	10- 20	551.6	745.9	14.6,14.6
30	1722	1694	1676	1675	1702	1729	1750	1751	20- 30	830.5	1576	30.9,30.9
40	1510	1468	1446	1456	1490	1523	1545	1545	30- 40	1008	2585	50.7,50.7
50	1248	1195	1167	1178	1222	1258	1286	1287	40- 50	1058	3643	71.5,71.5
60	874.1	749.1	656.7	685.2	812.8	931.9	966.4	964.3	50- 60	948.6	4591	90.1,90.1
70	71.55	59.54	55.77	56.69	64.42	89.10	144.3	131.8	60- 70	402.0	4993	98,98
80	42.49	38.59	35.73	36.39	40.67	43.97	45.13	44.84	70- 80	55.57	5049	99.1,99.1
90	0.6421	0.2734	0.3158	0.2333	0.2522	4.344	7.297	6.751	80- 90	23.89	5073	99.5,99.5
100	1.006	1.103	1.182	1.034	0.9291	0.8168	0.6673	0.7399	90-100	0.7726	5073	99.6,99.6
110	2.227	2.418	2.507	2.436	2.266	2.066	1.837	1.954	100-110	1.629	5075	99.6,99.6
120	3.726	3.863	3.977	3.929	3.682	3.500	3.243	3.401	110-120	2.913	5078	99.6,99.6
130	4.990	5.165	5.196	5.181	4.909	4.794	4.568	4.658	120-130	3.884	5082	99.7,99.7
140	5.918	5.990	6.082	6.055	5.742	5.762	5.610	5.615	130-140	4.206	5086	99.8,99.8
150	6.637	6.836	6.852	6.837	6.513	6.558	6.407	6.400	140-150	3.918	5090	99.9,99.9
160	7.345	7.412	7.562	7.481	7.294	7.433	7.310	7.191	150-160	3.239	5093	99.9,99.9
170	7.806	7.889	8.075	8.051	8.006	8.167	8.096	7.898	160-170	2.183	5095	100,100
180	8.205	8.435	8.358	8.317	8.200	8.435	8.251	8.378	170-180	0.7780	5096	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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1728	929
80	1480	1221
75	1197	1100
70	1265	968
65	5957	3152
60	10573	7792
55	11494	10430
50	11741	10767
45	11851	11049

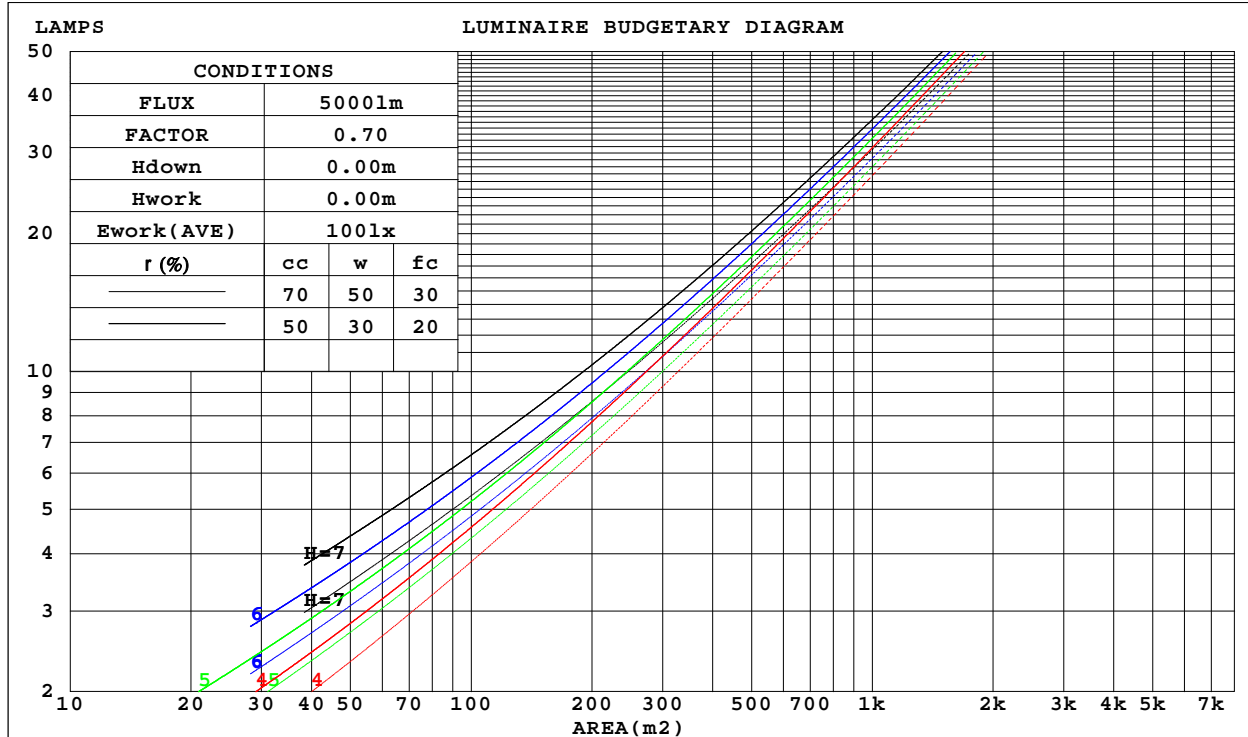
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-09

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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

rcc	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	.00	1.04	1.01	.98	1.00	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.82	.76	.70	.79	.74	.69	.77	.72	.68	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.66	.60	.71	.65	.59	.69	.63	.59	.67	.62	.58	.56
5.0	.67	.59	.53	.66	.58	.52	.64	.57	.52	.62	.56	.51	.60	.55	.51	.48
6.0	.61	.52	.46	.60	.52	.46	.58	.51	.45	.56	.50	.45	.54	.49	.45	.43
7.0	.55	.47	.41	.54	.46	.41	.53	.45	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.30
10.0	.42	.35	.30	.42	.35	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27



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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 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	.257	.146	.046	.250	.142	.045	.236	.136	.043	.224	.129	.041	.213	.123	.040	
2.0	.252	.138	.042	.245	.135	.042	.234	.130	.040	.223	.125	.039	.213	.121	.038	
3.0	.240	.128	.038	.235	.126	.038	.224	.122	.037	.215	.118	.036	.206	.114	.035	
4.0	.227	.118	.035	.222	.116	.034	.213	.113	.034	.204	.110	.033	.196	.107	.033	
5.0	.213	.109	.031	.209	.107	.031	.201	.105	.031	.193	.102	.030	.186	.100	.030	
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.182	.095	.028	.176	.093	.028	
7.0	.188	.093	.026	.185	.092	.026	.178	.090	.026	.172	.088	.026	.167	.087	.025	
8.0	.177	.087	.024	.174	.086	.024	.168	.084	.024	.163	.082	.024	.158	.081	.024	
9.0	.167	.081	.023	.164	.080	.022	.159	.079	.022	.154	.077	.022	.149	.076	.022	
10.0	.158	.076	.021	.155	.075	.021	.151	.074	.021	.146	.073	.021	.142	.071	.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	.122	.105	.095	.085	.061	.055	.049	.019	.018	.016	
2.0	.170	.136	.106	.146	.117	.092	.100	.081	.064	.058	.047	.038	.019	.015	.012	
3.0	.162	.118	.082	.139	.102	.071	.096	.071	.050	.055	.041	.029	.018	.013	.010	
4.0	.155	.104	.065	.133	.090	.057	.091	.063	.040	.053	.037	.024	.017	.012	.008	
5.0	.148	.094	.053	.127	.081	.046	.088	.057	.033	.051	.033	.019	.016	.011	.006	
6.0	.141	.085	.045	.121	.074	.039	.084	.052	.028	.049	.030	.016	.016	.010	.005	
7.0	.135	.078	.038	.116	.068	.033	.080	.047	.024	.047	.028	.014	.015	.009	.005	
8.0	.129	.072	.033	.111	.063	.029	.077	.044	.021	.045	.026	.012	.014	.009	.004	
9.0	.123	.067	.030	.106	.059	.026	.074	.041	.018	.043	.024	.011	.014	.008	.004	
10.0	.118	.063	.027	.102	.055	.023	.071	.039	.017	.041	.023	.010	.013	.008	.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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 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	21.2	22.7	21.6	23.0	23.4	20.3	21.8	20.6	22.1	22.4
3H	21.2	22.5	21.5	22.8	23.2	20.2	21.5	20.6	21.9	22.2
4H	21.1	22.4	21.5	22.7	23.1	20.1	21.4	20.5	21.8	22.1
6H	21.1	22.2	21.5	22.6	23.0	20.1	21.3	20.5	21.6	22.0
8H	21.1	22.2	21.5	22.6	23.0	20.1	21.2	20.5	21.6	22.0
12H	21.0	22.1	21.5	22.5	22.9	20.1	21.1	20.5	21.5	21.9
4H 2H	21.2	22.4	21.6	22.8	23.2	20.2	21.5	20.6	21.8	22.2
3H	21.2	22.2	21.6	22.6	23.0	20.2	21.2	20.6	21.6	22.0
4H	21.1	22.0	21.6	22.5	22.9	20.1	21.0	20.6	21.5	21.9
6H	21.1	21.9	21.6	22.4	22.8	20.1	20.9	20.6	21.4	21.8
8H	21.1	21.8	21.6	22.3	22.8	20.1	20.8	20.6	21.3	21.8
12H	21.1	21.8	21.6	22.2	22.7	20.1	20.7	20.6	21.2	21.7
8H 4H	21.0	21.8	21.5	22.2	22.7	20.0	20.8	20.5	21.2	21.7
6H	21.0	21.6	21.5	22.1	22.6	20.0	20.6	20.5	21.1	21.6
8H	21.0	21.6	21.5	22.1	22.6	20.0	20.6	20.5	21.1	21.6
12H	21.0	21.5	21.6	22.0	22.6	20.0	20.5	20.5	21.0	21.6
12H 4H	21.0	21.7	21.5	22.2	22.6	20.0	20.7	20.5	21.2	21.6
6H	21.0	21.5	21.5	22.0	22.6	20.0	20.6	20.5	21.0	21.6
8H	21.0	21.5	21.5	22.0	22.6	20.0	20.5	20.5	21.0	21.6
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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

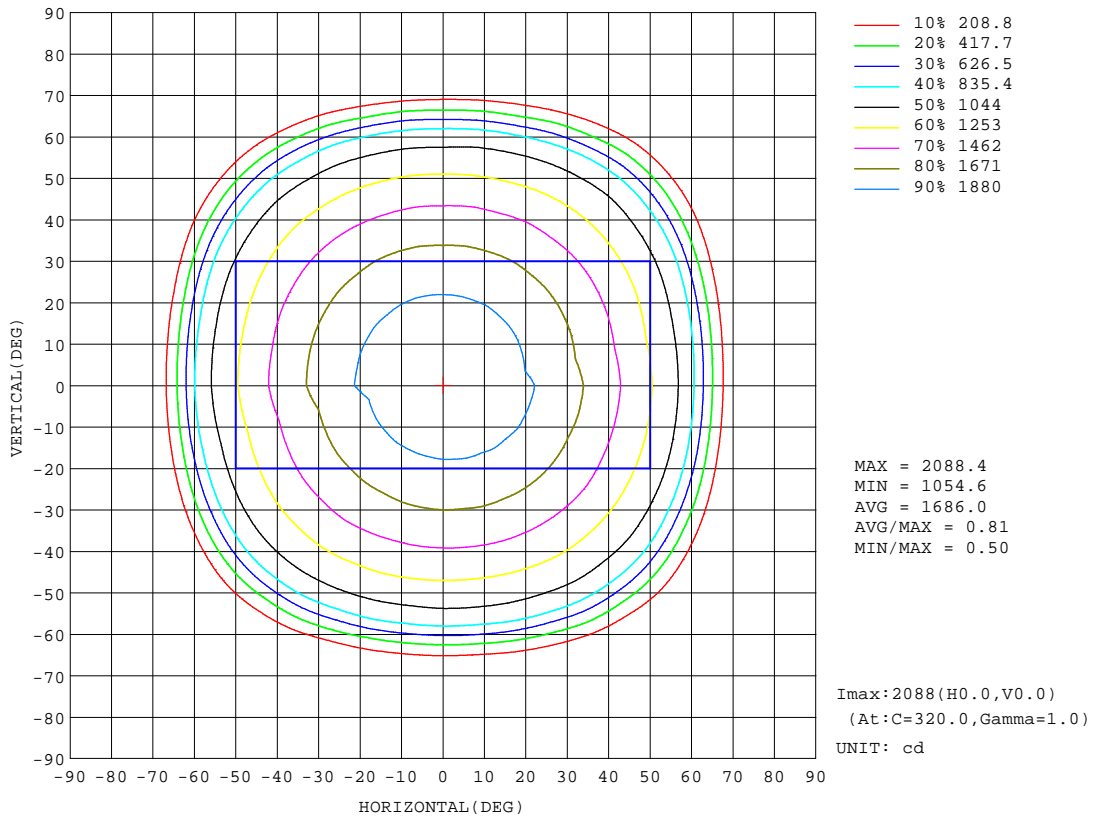
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	48	42	58	48	42	35
0.80	71	60	53	70	60	53	68	59	53	46
1.00	80	70	63	79	70	63	77	71	63	56
1.25	87	78	72	86	77	71	84	76	71	64
1.50	92	84	78	91	83	77	88	81	76	69
2.00	99	92	86	97	90	85	94	88	84	77
2.50	102	96	90	100	94	89	96	91	88	80
3.00	105	99	95	103	98	94	99	95	91	83
4.00	108	104	100	106	102	98	102	98	96	87
5.00	110	106	103	108	104	101	103	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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:



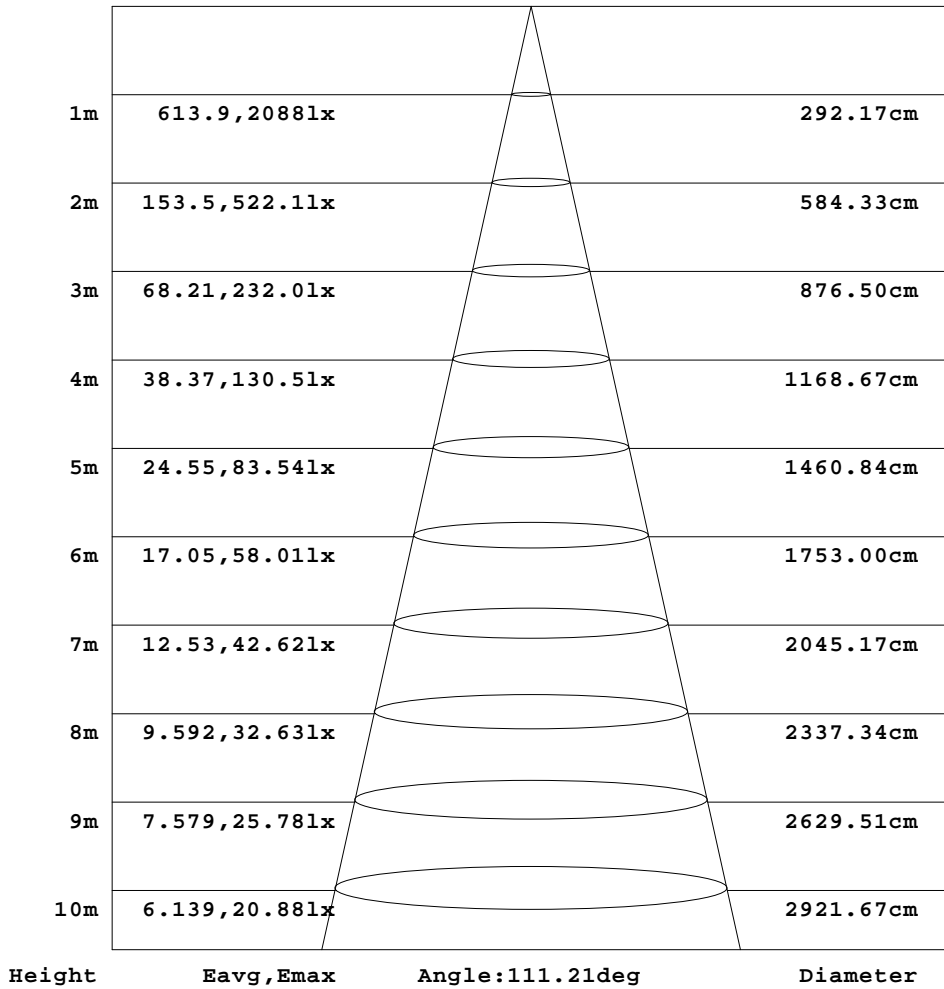
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-09

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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

Flux out:4239 lm



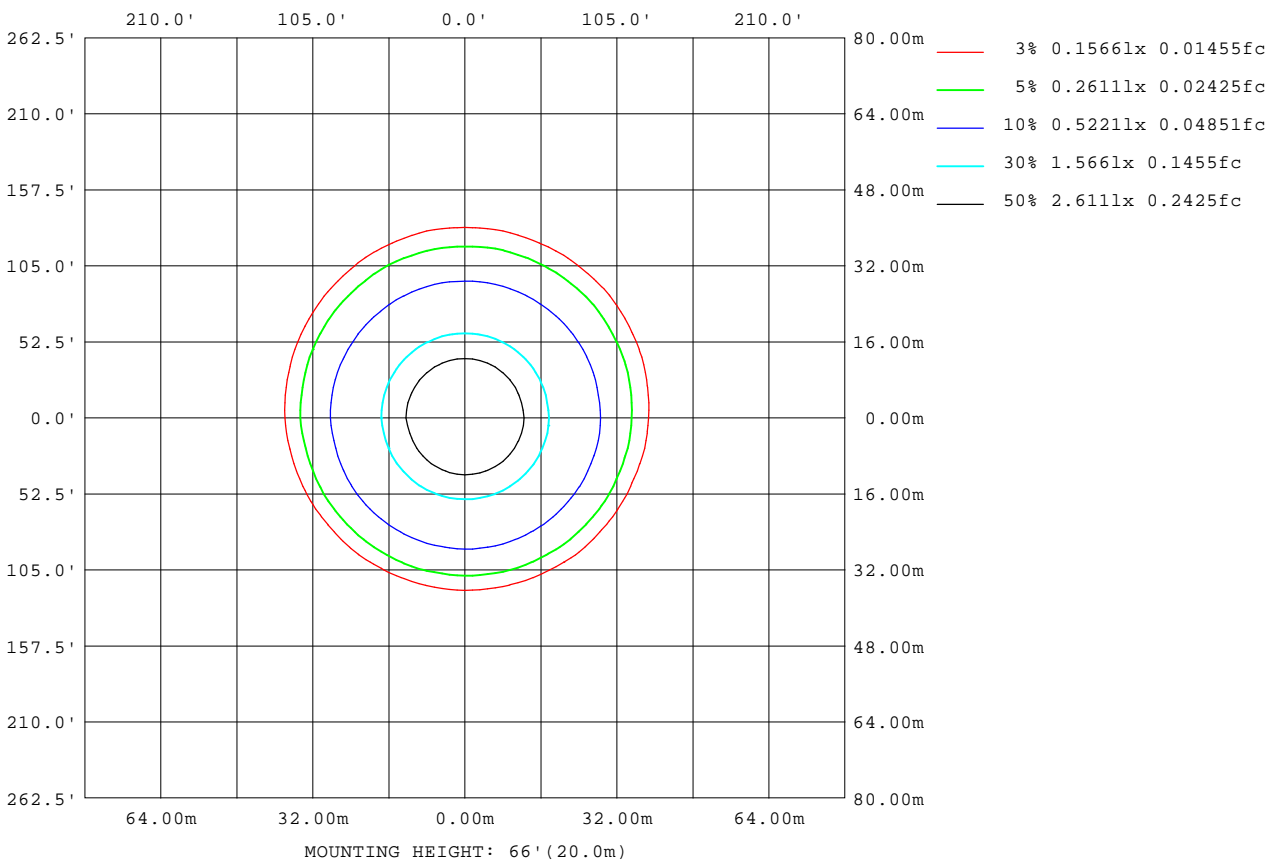
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: JG	SUR.:	Shielding Angle:

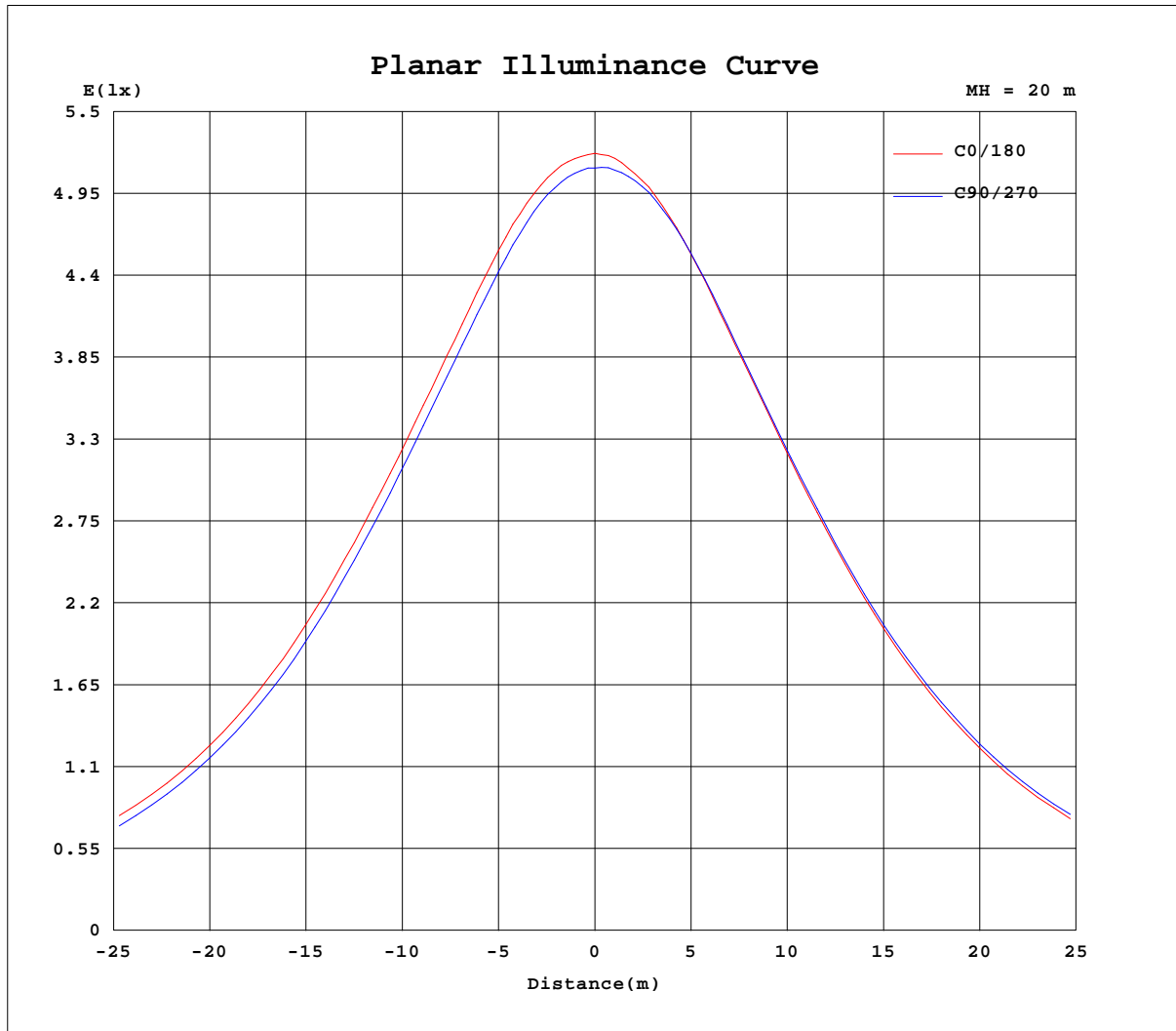
AvgL	cd/m2
L_0~180(65)av	5378
L_0~180(75)av	1172
L_0~180(85)av	1559
L_90~270(65)av	5449
L_90~270(75)av	1162
L_90~270(85)av	1505
L_45(65)av	5425
L_45(75)av	1165
L_45(85)av	1531

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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 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	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056
5	2046	2046	2048	2044	2041	2041	2039	2039	2040	2040	2038	2039	2039	2037	2037	2036	2039	2039	2039
10	2014	2015	2015	2006	2004	2001	1998	1999	1997	1999	1996	1997	1998	1993	1996	1999	1997	2003	2006
15	1957	1955	1952	1946	1941	1938	1931	1932	1929	1930	1924	1927	1929	1932	1932	1936	1937	1941	1946
20	1882	1881	1879	1873	1866	1864	1856	1853	1851	1851	1846	1848	1850	1854	1855	1858	1858	1865	1870
25	1806	1804	1802	1794	1788	1782	1775	1772	1767	1767	1764	1764	1763	1767	1770	1776	1778	1783	1791
30	1722	1715	1708	1701	1696	1692	1683	1683	1675	1676	1673	1672	1670	1674	1676	1682	1687	1694	1702
35	1622	1618	1607	1598	1585	1583	1575	1574	1566	1568	1565	1567	1566	1572	1575	1580	1586	1593	1602
40	1510	1504	1494	1486	1473	1464	1458	1455	1447	1446	1445	1444	1449	1456	1456	1466	1472	1479	1490
45	1386	1379	1367	1355	1342	1337	1329	1327	1317	1317	1312	1316	1318	1327	1325	1333	1345	1354	1364
50	1248	1241	1227	1210	1200	1190	1181	1175	1165	1167	1166	1168	1170	1175	1181	1189	1198	1208	1222
55	1090	1085	1061	1054	1035	1032	1017	1013	1004	1008	996	998	1006	1012	1017	1030	1038	1047	1061
60	874	841	804	789	752	746	696	689	663	657	646	654	648	679	692	739	752	776	813
65	416	390	351	334	309	291	264	249	222	225	215	214	207	235	244	272	293	320	347
70	71.5	68.3	64.6	62.9	60.1	58.9	57.2	56.6	55.7	55.8	55.4	55.7	55.7	56.5	56.9	58.3	59.1	61.3	64.4
75	51.2	51.0	50.4	50.0	49.4	49.1	48.5	48.4	48.0	48.0	47.7	47.9	47.9	48.3	48.6	49.1	49.5	50.0	50.7
80	42.5	42.0	40.9	40.1	38.9	38.3	37.1	36.7	35.8	35.7	35.2	35.5	35.4	36.2	36.6	37.6	38.3	39.4	40.7
85	24.9	23.8	21.8	20.6	18.5	17.5	15.7	15.1	13.7	13.6	12.9	13.4	13.2	14.2	14.6	16.1	16.9	18.8	20.7
90	0.64	0.25	0.28	0.28	0.25	0.30	0.24	0.30	0.23	0.32	0.26	0.31	0.24	0.25	0.22	0.26	0.24	0.23	0.25
95	0.54	0.56	0.53	0.61	0.54	0.65	0.58	0.67	0.57	0.68	0.62	0.69	0.57	0.57	0.52	0.59	0.58	0.55	0.52
100	1.01	1.02	1.02	1.09	1.06	1.15	1.11	1.20	1.08	1.18	1.13	1.20	1.08	1.04	1.03	1.08	1.09	1.06	0.93
105	1.58	1.62	1.63	1.71	1.67	1.81	1.72	1.81	1.71	1.83	1.81	1.83	1.74	1.71	1.69	1.73	1.71	1.65	1.55
110	2.23	2.30	2.33	2.39	2.39	2.45	2.45	2.54	2.47	2.51	2.53	2.53	2.50	2.47	2.41	2.39	2.46	2.33	2.27
115	2.96	2.96	3.02	3.08	3.11	3.21	3.18	3.20	3.17	3.27	3.18	3.25	3.15	3.17	3.14	3.15	3.12	3.10	2.98
120	3.73	3.73	3.75	3.86	3.83	3.90	3.83	3.89	3.88	3.98	4.00	3.98	3.94	3.98	3.88	3.91	3.93	3.83	3.68
125	4.39	4.44	4.46	4.55	4.55	4.58	4.58	4.62	4.52	4.68	4.61	4.61	4.52	4.60	4.60	4.61	4.62	4.54	4.33
130	4.99	5.02	5.12	5.17	5.12	5.21	5.20	5.17	5.20	5.20	5.30	5.29	5.12	5.19	5.17	5.19	5.26	5.13	4.91
135	5.44	5.51	5.55	5.59	5.60	5.64	5.65	5.70	5.68	5.72	5.72	5.70	5.69	5.70	5.67	5.66	5.76	5.71	5.37
140	5.92	5.90	5.91	5.98	5.99	5.99	6.03	6.02	6.06	6.08	6.15	6.09	6.03	6.05	6.06	6.07	6.07	6.03	5.74
145	6.31	6.33	6.35	6.33	6.34	6.48	6.40	6.53	6.51	6.56	6.51	6.49	6.46	6.44	6.42	6.44	6.54	6.44	6.14
150	6.64	6.64	6.68	6.73	6.81	6.86	6.82	6.82	6.79	6.85	6.86	6.84	6.73	6.85	6.82	6.86	6.83	6.88	6.51
155	7.01	6.97	7.05	7.10	7.14	7.10	7.10	7.16	7.25	7.21	7.22	7.18	7.09	7.20	7.21	7.11	7.22	7.20	6.92
160	7.34	7.29	7.36	7.42	7.39	7.43	7.51	7.48	7.51	7.56	7.53	7.50	7.55	7.51	7.45	7.50	7.51	7.45	7.29
165	7.59	7.61	7.58	7.77	7.74	7.77	7.80	7.76	7.84	7.85	7.85	7.81	7.78	7.96	7.81	7.75	7.83	7.84	7.71
170	7.81	7.94	7.92	7.92	7.88	7.89	7.98	8.05	8.11	8.07	8.07	7.99	8.06	8.02	8.09	8.01	8.06	7.99	8.01
175	8.10	8.22	8.14	8.12	8.18	8.25	8.24	8.27	8.28	8.20	8.08	8.17	8.28	8.32	8.23	8.21	8.24	8.23	8.16
180	8.21	8.29	8.29	8.51	8.52	8.35	8.32	8.34	8.34	8.36	8.26	8.27	8.33	8.37	8.26	8.33	8.23	8.23	8.20

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:120.15V I:0.3249A P:38.531W PF:0.9871 Freq:60.00Hz Lamp Flux:5096.21x1 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	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056		
5	2043	2049	2047	2049	2050	2054	2056	2056	2056	2055	2057	2056	2053	2054	2051	2051	2049		
10	2011	2019	2019	2028	2026	2029	2030	2034	2035	2036	2033	2036	2034	2033	2026	2026	2023		
15	1951	1961	1962	1971	1971	1977	1982	1986	1986	1987	1989	1988	1984	1984	1978	1975	1968		
20	1878	1886	1888	1896	1898	1904	1909	1914	1915	1916	1916	1917	1913	1912	1906	1902	1895		
25	1797	1808	1809	1815	1818	1828	1830	1834	1836	1838	1836	1840	1838	1835	1827	1822	1814		
30	1711	1719	1717	1728	1729	1739	1741	1747	1750	1754	1752	1754	1751	1751	1742	1739	1730		
35	1610	1620	1623	1631	1632	1645	1648	1653	1652	1657	1655	1659	1652	1654	1646	1644	1635		
40	1496	1508	1510	1520	1526	1536	1539	1546	1545	1551	1548	1551	1546	1544	1538	1535	1525		
45	1368	1380	1382	1398	1399	1409	1414	1422	1422	1429	1426	1432	1423	1425	1420	1416	1407		
50	1225	1238	1246	1257	1260	1271	1277	1284	1286	1288	1286	1291	1289	1286	1281	1279	1263		
55	1071	1086	1088	1100	1107	1119	1125	1132	1132	1138	1136	1136	1133	1137	1131	1125	1109		
60	825	875	901	929	934	947	953	962	966	973	969	972	963	965	954	951	939		
65	367	402	427	449	479	519	526	558	549	571	550	562	532	544	511	482	456		
70	66.1	70.0	72.3	81.9	96.3	114	131	138	144	144	143	135	138	126	122	105	79.5		
75	51.0	51.7	51.8	52.3	52.4	52.9	52.8	53.1	53.1	53.2	52.9	53.0	52.7	52.7	52.3	52.3	51.7		
80	41.4	42.6	42.9	43.8	44.1	44.7	44.8	45.2	45.1	45.3	45.2	45.3	44.9	44.8	44.3	44.1	43.3		
85	22.0	24.0	25.1	26.8	27.7	29.1	29.5	30.4	30.4	31.0	30.6	30.8	30.1	29.9	28.7	28.1	26.6		
90	0.27	0.24	0.61	3.81	4.88	6.02	6.37	7.19	7.30	7.96	7.51	7.66	6.85	6.65	5.77	5.26	3.39		
95	0.47	0.52	0.42	0.47	0.38	0.43	0.37	0.37	0.33	0.38	0.33	0.38	0.34	0.41	0.37	0.42	0.41		
100	0.87	0.97	0.84	0.85	0.78	0.80	0.74	0.73	0.67	0.74	0.69	0.76	0.70	0.78	0.75	0.80	0.79		
105	1.48	1.60	1.40	1.42	1.34	1.35	1.26	1.22	1.19	1.25	1.20	1.30	1.24	1.32	1.29	1.34	1.36		
110	2.20	2.32	2.06	2.12	2.02	2.01	1.96	1.87	1.84	1.88	1.87	1.98	1.90	2.01	1.97	2.01	2.04		
115	2.95	3.10	2.86	2.82	2.78	2.75	2.70	2.61	2.56	2.64	2.63	2.70	2.64	2.73	2.68	2.72	2.76		
120	3.68	3.87	3.64	3.53	3.47	3.44	3.37	3.27	3.24	3.32	3.29	3.38	3.38	3.42	3.39	3.44	3.46		
125	4.37	4.53	4.25	4.24	4.15	4.10	4.06	3.98	3.93	4.00	4.02	4.17	4.03	4.13	4.10	4.11	4.16		
130	4.98	5.14	4.87	4.83	4.76	4.70	4.78	4.61	4.57	4.62	4.64	4.70	4.59	4.73	4.75	4.69	4.80		
135	5.46	5.57	5.41	5.29	5.33	5.21	5.19	5.09	5.09	5.14	5.19	5.25	5.24	5.25	5.19	5.24	5.31		
140	5.87	5.99	5.83	5.78	5.75	5.70	5.67	5.60	5.61	5.54	5.64	5.73	5.61	5.62	5.56	5.64	5.65		
145	6.22	6.42	6.18	6.15	6.12	6.01	6.03	6.05	5.97	6.00	6.00	6.04	5.94	6.01	6.01	5.96	6.02		
150	6.68	6.76	6.66	6.55	6.57	6.44	6.53	6.42	6.41	6.37	6.41	6.48	6.36	6.44	6.40	6.39	6.45		
155	7.11	7.22	7.10	6.95	6.90	6.85	6.91	6.88	6.81	6.81	6.86	6.84	6.77	6.80	6.81	6.82	6.88		
160	7.46	7.61	7.46	7.47	7.39	7.31	7.36	7.29	7.31	7.25	7.32	7.26	7.20	7.18	7.16	7.16	7.22		
165	7.89	7.98	7.97	7.87	7.83	7.76	7.75	7.71	7.66	7.64	7.79	7.70	7.58	7.55	7.63	7.56	7.60		
170	8.13	8.34	8.33	8.20	8.13	8.09	8.06	7.99	8.10	8.05	8.05	8.05	7.94	7.86	7.84	7.87	7.89		
175	8.34	8.43	8.46	8.46	8.42	8.23	8.26	8.14	8.12	8.11	8.23	8.25	8.23	8.14	8.07	7.99	8.02		
180	8.38	8.40	8.49	8.46	8.41	8.37	8.33	8.27	8.25	8.26	8.31	8.33	8.41	8.34	8.26	8.22	8.14		

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: