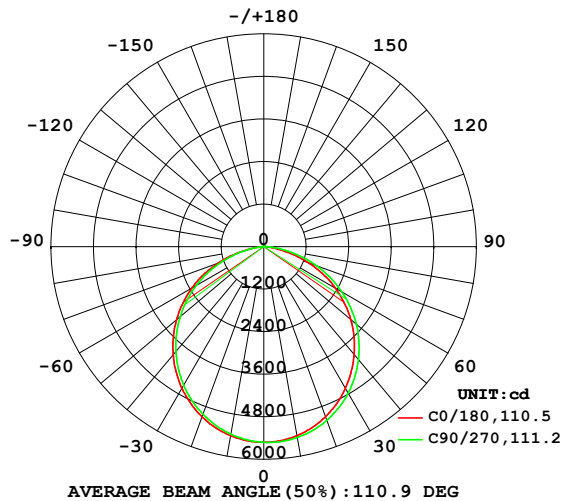


LUMINAIRE PHOTOMETRIC TEST REPORT

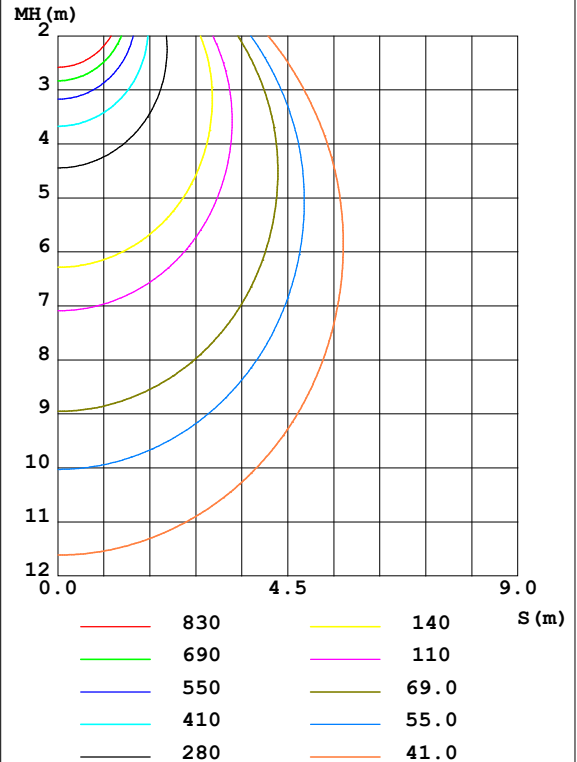
Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.191*0.047*2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.35 lm/W			
MODEL		I _{max} (cd)	5526	S/MH(C0/180)	1.24
NOMINAL POWER(W)	140W	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	15271	η UP,DN(C0-180)	0.1,52.0
NOMINAL FLUX(lm)	15271	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,47.8
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	99.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

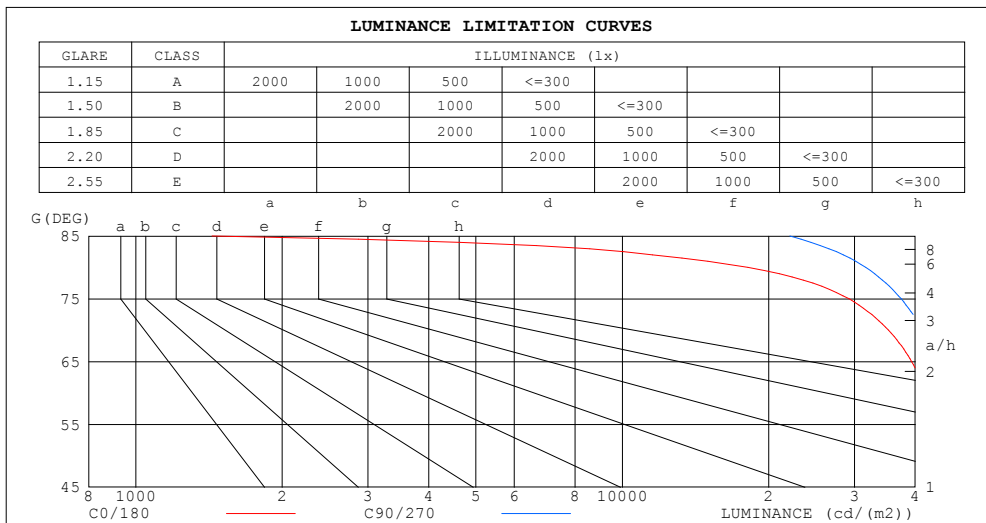
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5412	5451	5464	5463	5413	5379	5369	5365	0- 10	521.8	521.8	3.42,3.42
20	5104	5181	5211	5200	5103	5041	5028	5016	10- 20	1492	2013	13.2,13.2
30	4611	4725	4768	4756	4618	4532	4520	4497	20- 30	2253	4267	27.9,27.9
40	3966	4110	4156	4145	3975	3875	3860	3832	30- 40	2705	6972	45.7,45.7
50	3210	3360	3413	3404	3213	3101	3078	3052	40- 50	2794	9767	64,64
60	2326	2498	2535	2546	2345	2224	2202	2170	50- 60	2505	12271	80.4,80.4
70	1349	1549	1588	1599	1380	1270	1259	1212	60- 70	1865	14136	92.6,92.6
80	351.7	570.2	616.4	611.9	374.2	326.0	365.8	272.1	70- 80	960.8	15097	98.9,98.9
90	1.261	1.679	7.673	1.978	0.3676	0.5130	0.4706	0.5964	80- 90	143.0	15240	99.8,99.8
100	2.749	2.833	2.698	2.533	0.7693	0.9823	1.072	1.115	90-100	1.477	15242	99.8,99.8
110	4.417	4.484	4.385	4.163	1.408	1.694	1.955	1.867	100-110	2.533	15244	99.8,99.8
120	6.104	6.168	6.096	5.802	2.317	2.705	3.114	2.948	110-120	3.632	15248	99.8,99.8
130	7.714	7.650	7.256	7.422	3.468	3.848	4.437	4.107	120-130	4.517	15252	99.9,99.9
140	9.097	9.000	8.365	8.896	4.770	5.153	5.694	5.425	130-140	4.865	15257	99.9,99.9
150	10.29	10.17	9.718	10.02	7.718	8.253	8.742	8.438	140-150	5.125	15262	99.9,99.9
160	11.38	11.14	10.74	10.92	9.493	9.817	10.32	10.05	150-160	4.521	15267	100,100
170	11.98	11.64	11.41	11.40	10.85	11.01	11.19	11.06	160-170	3.084	15270	100,100
180	5.787	5.739	5.705	5.721	5.787	5.732	5.746	5.733	170-180	1.088	15271	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.191*0.047*2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1435	22112
80	18118	31670
75	29245	37434
70	35269	41421
65	39327	43672
60	41609	45232
55	43267	46463
50	44670	47375
45	45571	47939

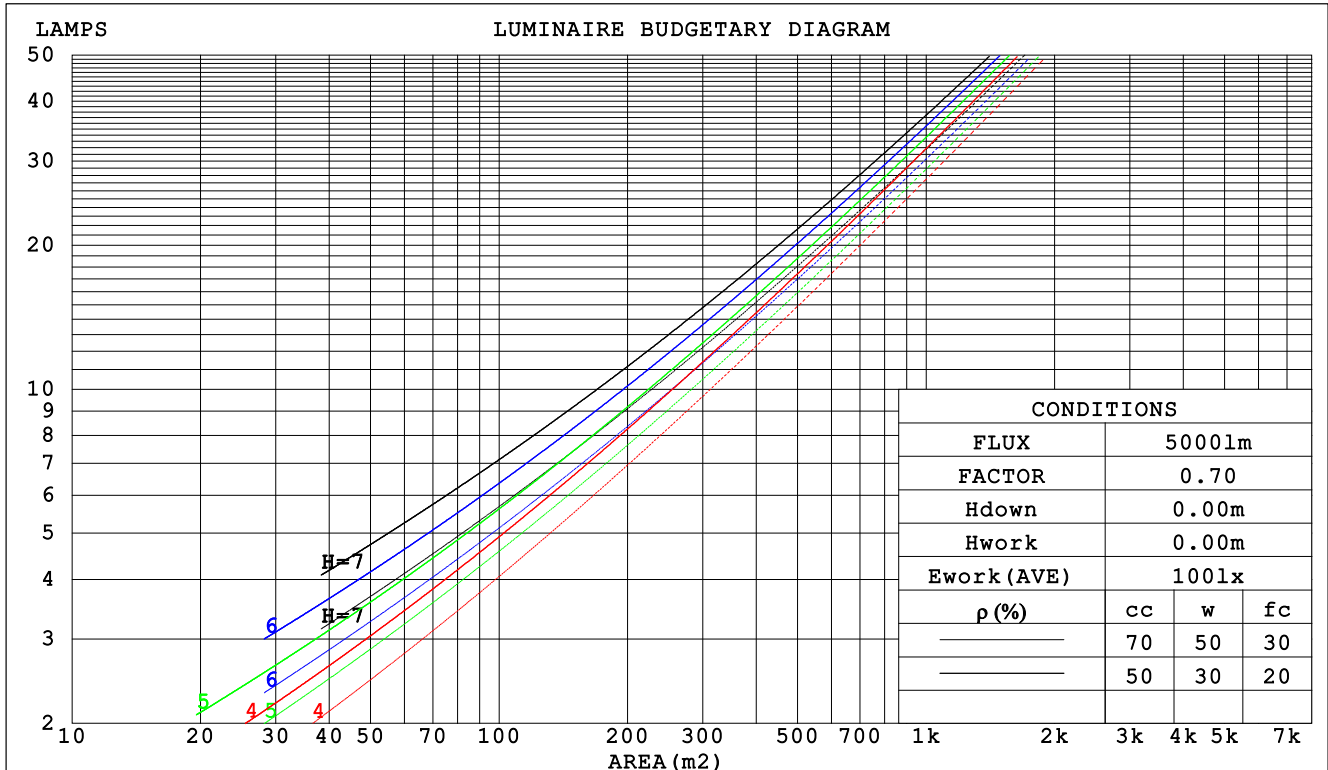
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.191*0.047*2	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.05	1.00	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.89	.90	.88	.87	.84
2.0	.91	.85	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.71
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.60
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.55	.65	.59	.54	.63	.57	.53	.51
5.0	.63	.55	.48	.62	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.47	.39	.33	.47	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.42	.34	.29	.41	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.38	.31	.27	.37	.31	.26	.25



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm								
NAME: 22代 8FT			TYPE:4000K			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: EVERFINE			SUR.:1.191*0.047*2			Shielding Angle:		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.296	.168	.053	.289	.165	.052	.276	.158	.051	.263	.152	.049	.252	.146	.047		
2.0	.283	.155	.048	.277	.153	.047	.265	.148	.046	.255	.143	.045	.245	.138	.044		
3.0	.264	.141	.042	.259	.139	.042	.248	.135	.041	.239	.131	.040	.230	.127	.039		
4.0	.245	.127	.037	.240	.126	.037	.231	.123	.037	.223	.119	.036	.215	.117	.036		
5.0	.227	.116	.034	.223	.114	.033	.215	.112	.033	.207	.109	.033	.200	.107	.032		
6.0	.211	.106	.030	.207	.105	.030	.200	.103	.030	.193	.100	.030	.187	.098	.029		
7.0	.197	.097	.028	.194	.096	.027	.187	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.184	.090	.025	.181	.089	.025	.175	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.170	.083	.023	.165	.081	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.147	.074	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.181	.158	.137	.155	.135	.118	.106	.093	.082	.061	.054	.047	.020	.017	.015	
2.0	.173	.134	.101	.148	.115	.087	.101	.080	.061	.058	.046	.036	.019	.015	.012	
3.0	.165	.116	.077	.141	.100	.066	.097	.069	.047	.056	.041	.027	.018	.013	.009	
4.0	.157	.102	.060	.135	.089	.053	.093	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.150	.092	.049	.129	.080	.043	.089	.056	.030	.051	.033	.018	.017	.011	.006	
6.0	.143	.084	.041	.123	.072	.036	.085	.051	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.077	.035	.117	.067	.031	.081	.047	.022	.047	.027	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.062	.027	.077	.043	.019	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.027	.107	.057	.023	.074	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.024	.102	.054	.021	.071	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm										
NAME: 22代 8FT					TYPE:4000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:1.191*0.047*2			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	26.2	27.7	26.4	27.9	28.1	26.4	27.9	26.7	28.1	28.4
3H	27.6	28.9	27.9	29.2	29.4	28.0	29.4	28.3	29.6	29.9
4H	28.0	29.3	28.3	29.6	29.8	28.6	29.9	28.9	30.2	30.4
6H	28.2	29.5	28.5	29.7	30.0	29.0	30.2	29.3	30.5	30.8
8H	28.2	29.4	28.6	29.7	30.0	29.1	30.3	29.4	30.5	30.8
12H	28.2	29.3	28.5	29.6	29.9	29.1	30.2	29.5	30.5	30.9
4H 2H	26.8	28.1	27.1	28.4	28.7	27.0	28.4	27.4	28.6	28.9
3H	28.4	29.6	28.8	29.9	30.2	28.8	29.9	29.1	30.2	30.5
4H	29.0	30.0	29.4	30.4	30.7	29.5	30.5	29.9	30.9	31.2
6H	29.3	30.2	29.7	30.6	30.9	30.0	30.9	30.4	31.3	31.6
8H	29.3	30.2	29.7	30.5	30.9	30.1	31.0	30.5	31.4	31.7
12H	29.3	30.1	29.7	30.5	30.9	30.2	31.0	30.6	31.4	31.8
8H 4H	29.3	30.1	29.7	30.5	30.9	29.7	30.6	30.1	30.9	31.3
6H	29.7	30.4	30.1	30.8	31.2	30.3	31.1	30.8	31.5	31.9
8H	29.8	30.4	30.2	30.8	31.3	30.5	31.2	31.0	31.6	32.1
12H	29.7	30.3	30.2	30.7	31.2	30.7	31.2	31.1	31.7	32.1
12H 4H	29.3	30.1	29.7	30.5	30.9	29.7	30.5	30.1	30.9	31.3
6H	29.7	30.4	30.2	30.8	31.3	30.4	31.0	30.8	31.4	31.9
8H	29.8	30.4	30.3	30.8	31.3	30.6	31.1	31.1	31.6	32.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 15271 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.5)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.191*0.047*2	Shielding Angle:

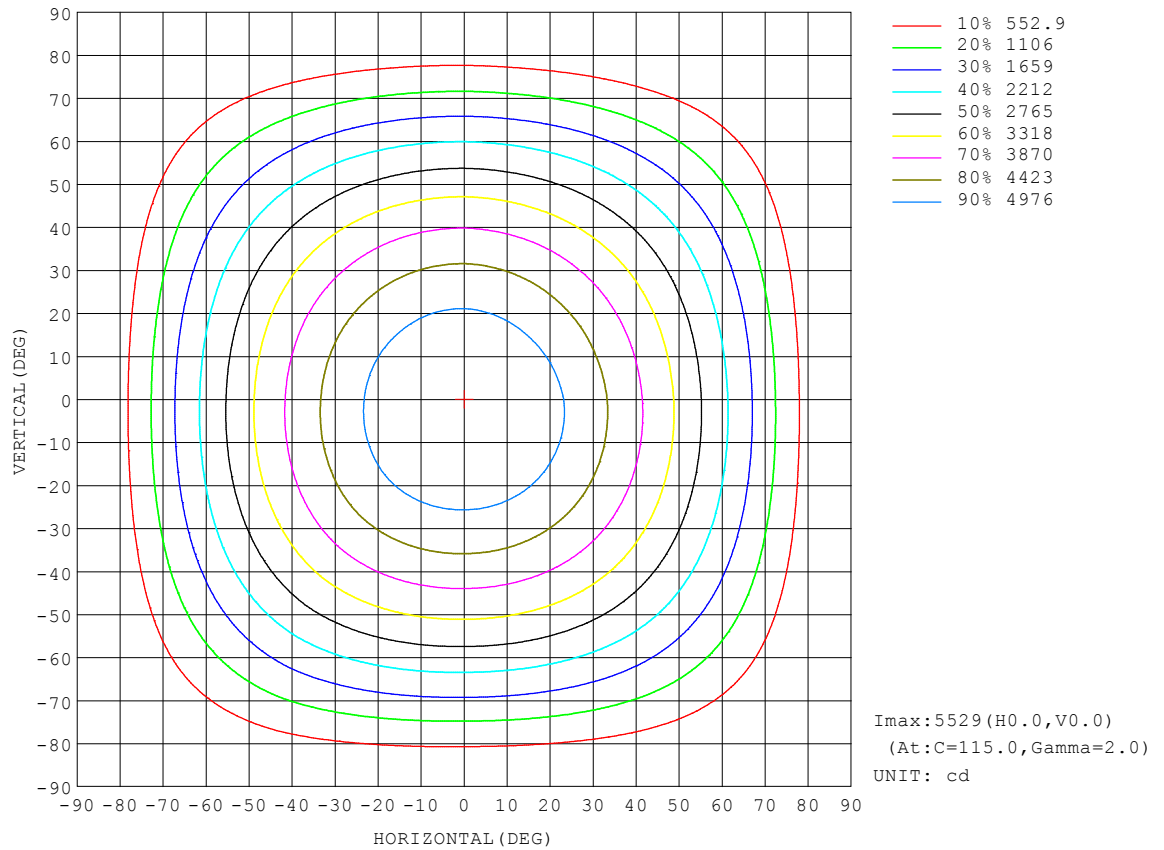
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	47	40	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	59	75	65	58	73	66	58	51
1.25	84	74	66	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	76	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	100	92	86	97	91	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	95	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.191*0.047*2	Shielding Angle:

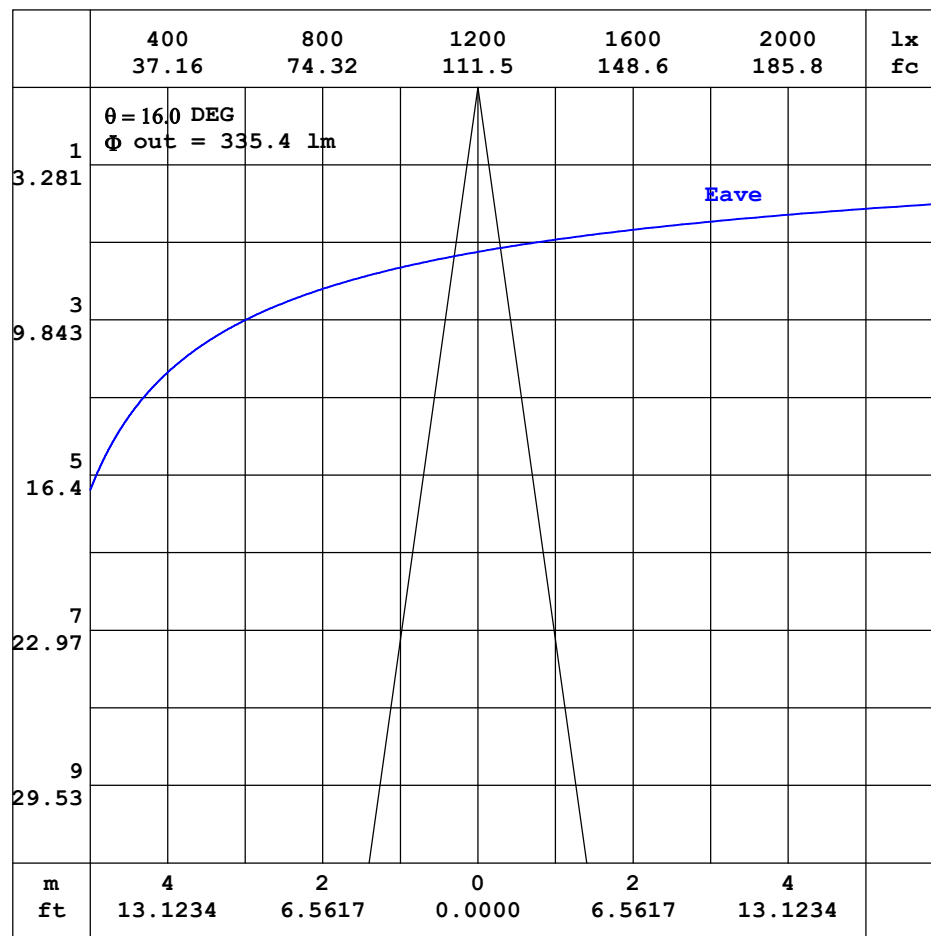


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

AAI CURVES

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.191*0.047*2	Shielding Angle:



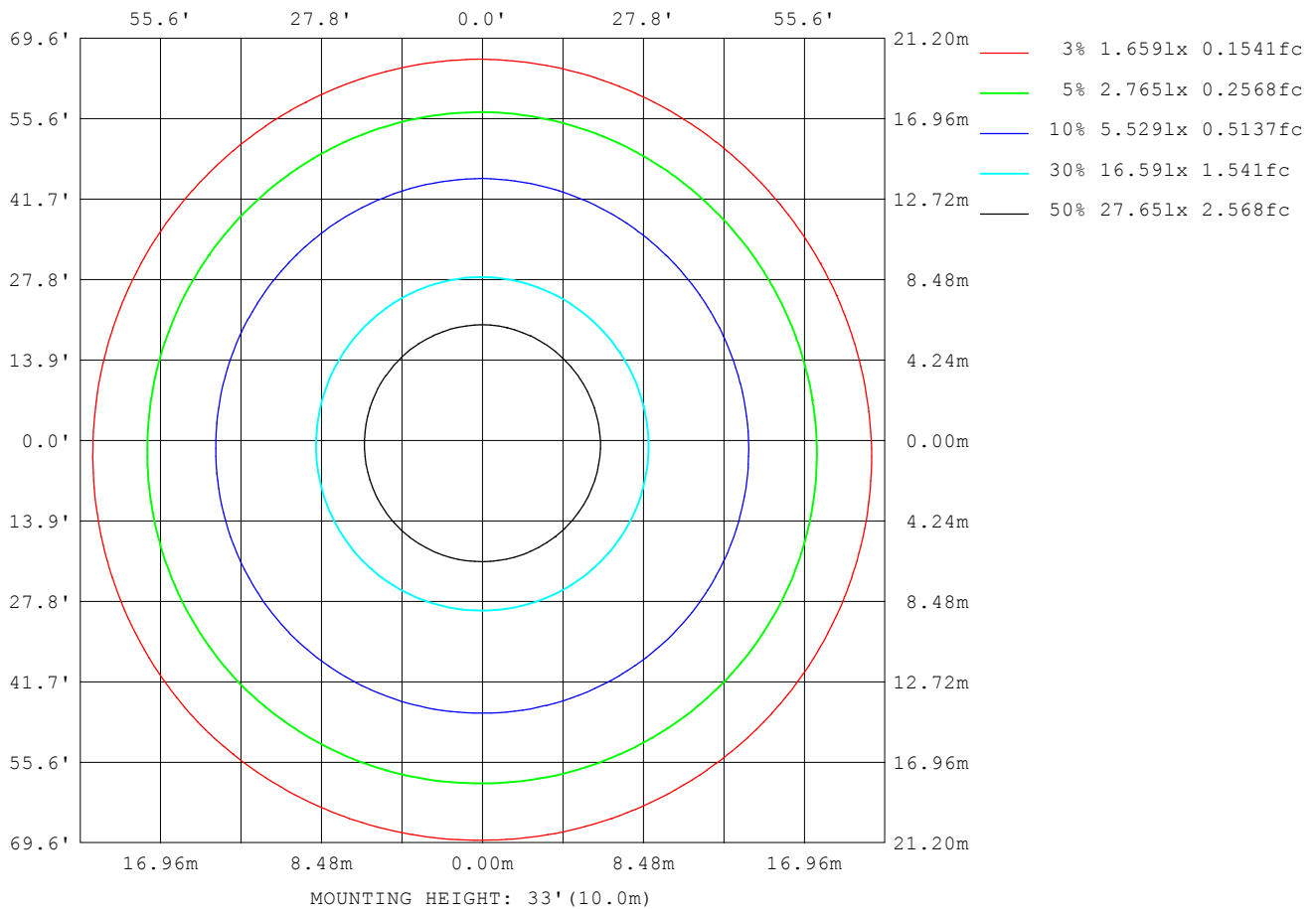
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.191*0.047*2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.191*0.047*2	Shielding Angle:

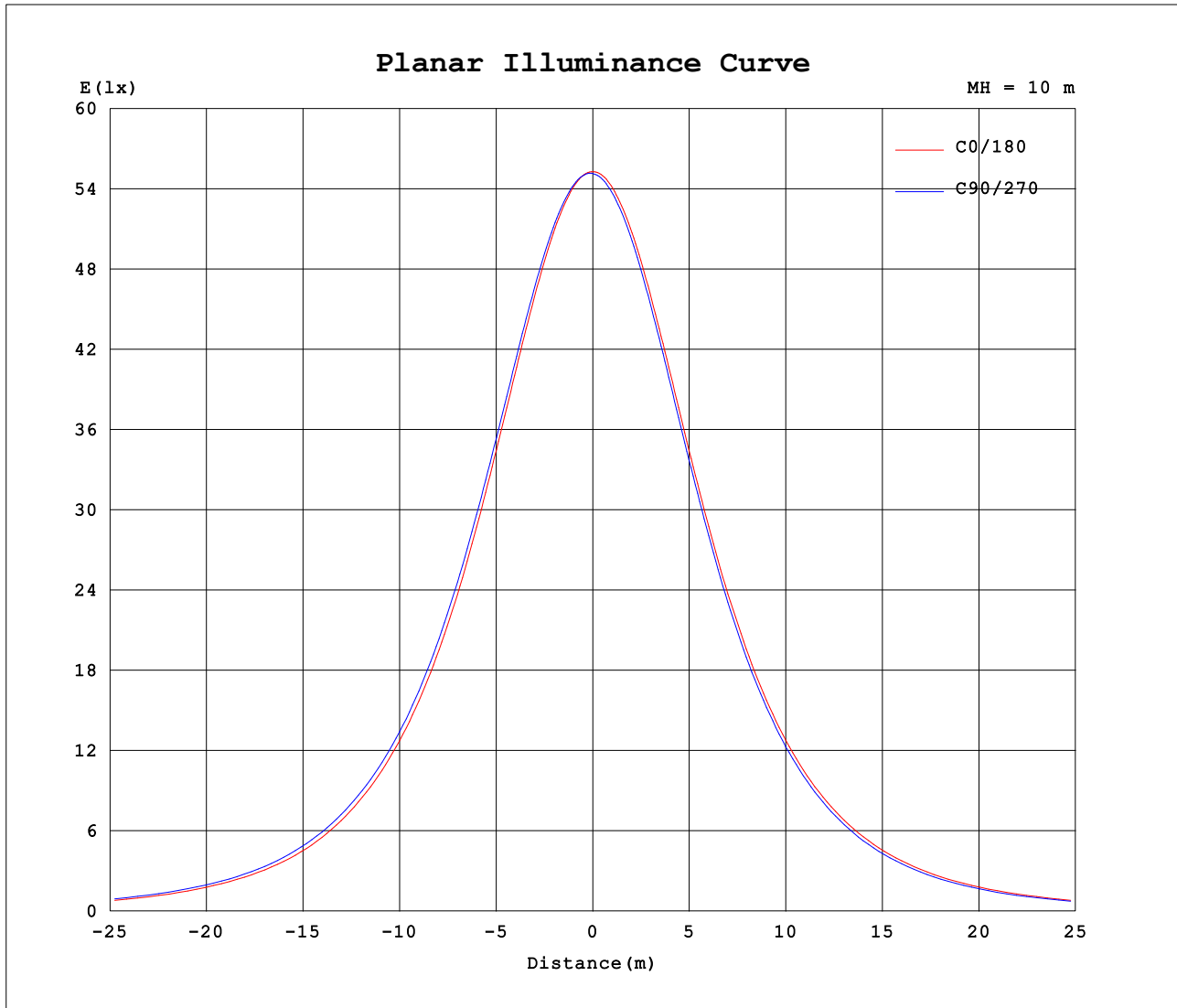
AvgL	cd/m2
L_0~180 (65) av	39410
L_0~180 (75) av	29688
L_0~180 (85) av	1392
L_90~270 (65) av	40187
L_90~270 (75) av	32352
L_90~270 (85) av	14087
L_45 (65) av	40026
L_45 (75) av	31665
L_45 (85) av	7879

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm																		
NAME: 22代 8FT									TYPE:4000K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:1.191*0.047*2					Shielding Angle:				

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519
5	5493	5496	5498	5500	5502	5504	5506	5508	5509	5511	5512	5513	5514	5515	5516	5517	5517	5518	5518
10	5412	5418	5423	5428	5433	5437	5441	5445	5448	5451	5454	5456	5458	5459	5461	5462	5463	5464	5464
15	5283	5291	5298	5306	5312	5319	5324	5330	5335	5339	5344	5347	5351	5354	5356	5358	5360	5361	5362
20	5104	5115	5125	5135	5144	5153	5161	5168	5175	5181	5187	5192	5196	5200	5203	5206	5208	5210	5211
25	4881	4894	4906	4918	4929	4940	4949	4958	4966	4974	4981	4987	4992	4997	5000	5004	5007	5009	5010
30	4611	4628	4643	4657	4671	4683	4695	4706	4716	4725	4733	4740	4747	4752	4757	4761	4764	4767	4768
35	4303	4322	4340	4357	4372	4387	4401	4413	4425	4435	4444	4452	4459	4465	4470	4474	4477	4480	4482
40	3966	3987	4006	4025	4042	4058	4072	4086	4098	4110	4119	4127	4134	4140	4145	4149	4152	4155	4156
45	3602	3624	3644	3663	3681	3697	3713	3727	3739	3751	3760	3769	3776	3782	3787	3792	3795	3798	3799
50	3210	3231	3252	3271	3289	3305	3321	3335	3348	3360	3370	3379	3387	3394	3399	3404	3408	3411	3413
55	2774	2799	2822	2844	2864	2883	2900	2916	2930	2942	2952	2960	2967	2973	2977	2981	2984	2986	2987
60	2326	2352	2376	2398	2419	2438	2456	2472	2486	2498	2507	2514	2520	2525	2528	2531	2533	2534	2535
65	1858	1884	1909	1932	1953	1973	1990	2006	2021	2033	2042	2049	2055	2059	2063	2065	2067	2068	2069
70	1349	1379	1407	1433	1458	1480	1500	1518	1535	1549	1559	1567	1573	1578	1582	1585	1586	1587	1588
75	846	878	908	935	960	984	1005	1023	1040	1054	1064	1071	1077	1081	1083	1085	1086	1086	1086
80	352	384	415	444	470	494	516	536	554	570	582	591	599	605	609	613	615	616	616
85	14.0	29.1	43.8	58.0	71.7	85.0	97.9	110	122	134	146	159	170	181	191	199	206	212	216
90	1.26	1.03	0.87	0.78	0.76	0.81	0.92	1.10	1.36	1.68	2.38	3.14	3.91	4.68	5.42	6.12	6.74	7.27	7.67
95	1.99	2.01	2.02	2.04	2.05	2.06	2.06	2.07	2.07	2.06	2.06	2.04	2.03	2.02	2.00	1.98	1.97	1.95	1.93
100	2.75	2.77	2.79	2.80	2.81	2.82	2.83	2.83	2.83	2.83	2.83	2.82	2.80	2.79	2.77	2.76	2.74	2.72	2.70
105	3.58	3.59	3.60	3.61	3.62	3.63	3.63	3.63	3.63	3.63	3.62	3.61	3.60	3.59	3.58	3.57	3.55	3.53	3.52
110	4.42	4.43	4.45	4.46	4.47	4.47	4.48	4.48	4.48	4.48	4.48	4.47	4.47	4.46	4.45	4.43	4.42	4.40	4.38
115	5.29	5.30	5.31	5.32	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.32	5.31	5.30	5.29	5.28	5.27	5.25	5.23
120	6.10	6.12	6.13	6.14	6.15	6.16	6.16	6.17	6.17	6.17	6.17	6.17	6.16	6.16	6.15	6.14	6.13	6.11	6.10
125	6.94	6.93	6.93	6.92	6.92	6.91	6.91	6.91	6.91	6.90	6.91	6.91	6.92	6.92	6.93	6.93	6.93	6.92	6.92
130	7.71	7.72	7.73	7.73	7.73	7.72	7.71	7.69	7.67	7.65	7.61	7.56	7.51	7.46	7.41	7.37	7.33	7.29	7.26
135	8.44	8.46	8.48	8.49	8.49	8.48	8.46	8.44	8.41	8.37	8.29	8.21	8.12	8.04	7.95	7.87	7.80	7.73	7.68
140	9.10	9.11	9.12	9.12	9.12	9.11	9.09	9.07	9.04	9.00	8.93	8.85	8.76	8.68	8.60	8.53	8.47	8.41	8.36
145	9.72	9.71	9.71	9.70	9.68	9.66	9.64	9.62	9.59	9.56	9.50	9.44	9.38	9.33	9.27	9.22	9.17	9.13	9.10
150	10.3	10.3	10.3	10.3	10.3	10.3	10.2	10.2	10.2	10.2	10.1	10.1	10.0	9.95	9.89	9.84	9.79	9.75	9.72
155	10.9	10.9	10.8	10.8	10.8	10.8	10.7	10.7	10.7	10.7	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.2
160	11.4	11.4	11.3	11.3	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.7
165	11.7	11.7	11.7	11.6	11.6	11.6	11.5	11.5	11.5	11.5	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.2	11.2
170	12.0	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.7	11.6	11.6	11.6	11.5	11.5	11.5	11.5	11.4	11.4	11.4
175	11.9	11.9	11.8	11.8	11.8	11.8	11.8	11.8	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.5	11.5	11.5
180	5.79	5.78	5.78	5.77	5.76	5.76	5.75	5.75	5.74	5.74	5.73	5.73	5.72	5.72	5.72	5.71	5.71	5.71	5.71

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm																			
NAME: 22代 8FT										TYPE:4000K					WEIGHT:				
SPEC.:										DIM.:					SERIAL No.:				
MFR.: EVERFINE										SUR.:1.191*0.047*2					Shielding Angle:				

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519
5	5519	5519	5519	5519	5519	5519	5518	5518	5517	5515	5512	5510	5507	5505	5502	5499	5496	5493	5491
10	5466	5467	5467	5468	5468	5467	5467	5465	5463	5459	5454	5449	5443	5437	5431	5425	5419	5413	5408
15	5364	5365	5365	5365	5365	5364	5362	5359	5356	5350	5343	5335	5327	5319	5310	5301	5293	5284	5277
20	5212	5213	5214	5214	5213	5211	5208	5205	5200	5191	5182	5171	5160	5149	5138	5126	5114	5103	5094
25	5012	5014	5015	5015	5014	5012	5009	5005	4999	4989	4977	4964	4951	4937	4923	4909	4895	4881	4870
30	4771	4773	4774	4774	4773	4771	4767	4763	4756	4744	4730	4715	4700	4684	4667	4651	4634	4618	4606
35	4485	4487	4489	4489	4488	4486	4483	4478	4471	4456	4441	4424	4406	4387	4369	4350	4331	4313	4299
40	4160	4162	4164	4165	4164	4162	4158	4152	4145	4130	4113	4095	4075	4055	4035	4014	3994	3975	3960
45	3804	3807	3809	3810	3810	3809	3805	3800	3793	3776	3758	3738	3718	3696	3674	3652	3630	3609	3594
50	3418	3421	3423	3424	3424	3422	3418	3412	3404	3387	3368	3348	3326	3304	3281	3258	3235	3213	3197
55	2992	2997	3000	3003	3004	3003	3001	2996	2989	2972	2953	2931	2909	2886	2862	2838	2814	2791	2774
60	2541	2546	2551	2554	2556	2557	2555	2552	2546	2528	2509	2488	2465	2441	2417	2393	2368	2345	2327
65	2075	2081	2086	2090	2092	2093	2092	2089	2083	2065	2044	2022	1998	1973	1948	1922	1897	1873	1855
70	1594	1600	1605	1608	1611	1611	1609	1606	1599	1580	1558	1535	1510	1484	1457	1431	1405	1380	1363
75	1093	1099	1104	1108	1111	1112	1111	1108	1102	1081	1059	1034	1008	981	954	927	900	875	859
80	622	626	630	632	632	630	627	621	612	589	564	538	510	481	453	425	399	374	361
85	216	214	210	205	199	191	181	171	159	143	126	109	91.5	74.2	57.4	41.4	26.6	13.2	7.49
90	7.33	6.86	6.30	5.65	4.94	4.20	3.45	2.70	1.98	1.64	1.35	1.10	0.90	0.73	0.59	0.49	0.42	0.37	0.33
95	1.93	1.94	1.94	1.93	1.92	1.91	1.88	1.84	1.79	1.66	1.52	1.37	1.22	1.07	0.92	0.78	0.65	0.53	0.51
100	2.71	2.72	2.72	2.72	2.71	2.69	2.65	2.60	2.53	2.35	2.15	1.94	1.73	1.52	1.31	1.12	0.93	0.77	0.73
105	3.54	3.56	3.57	3.57	3.56	3.53	3.49	3.43	3.34	3.10	2.85	2.58	2.31	2.03	1.76	1.51	1.27	1.05	1.01
110	4.41	4.43	4.44	4.44	4.43	4.40	4.35	4.27	4.16	3.88	3.57	3.25	2.92	2.59	2.26	1.95	1.66	1.41	1.35
115	5.27	5.30	5.32	5.32	5.31	5.28	5.22	5.14	5.02	4.69	4.33	3.95	3.56	3.17	2.79	2.43	2.09	1.79	1.72
120	6.13	6.15	6.17	6.17	6.15	6.11	6.04	5.94	5.80	5.44	5.05	4.64	4.22	3.80	3.39	3.00	2.64	2.32	2.24
125	6.96	6.99	7.01	7.02	7.00	6.96	6.89	6.79	6.64	6.26	5.84	5.40	4.95	4.49	4.05	3.63	3.24	2.89	2.80
130	7.33	7.41	7.48	7.54	7.58	7.59	7.58	7.52	7.42	7.03	6.60	6.14	5.67	5.19	4.72	4.27	3.85	3.47	3.37
135	7.78	7.88	7.99	8.08	8.16	8.21	8.23	8.21	8.14	7.74	7.30	6.83	6.34	5.85	5.36	4.89	4.45	4.05	3.95
140	8.47	8.59	8.70	8.80	8.89	8.95	8.98	8.96	8.90	8.50	8.06	7.58	7.09	6.59	6.09	5.62	5.17	4.77	4.67
145	9.17	9.25	9.32	9.39	9.45	9.49	9.51	9.50	9.46	9.19	8.89	8.57	8.24	7.90	7.57	7.26	6.97	6.71	6.68
150	9.77	9.84	9.90	9.96	10.01	10.0	10.1	10.1	10.0	9.79	9.54	9.27	8.99	8.71	8.44	8.17	7.93	7.72	7.69
155	10.3	10.3	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.3	10.1	9.85	9.62	9.39	9.17	8.95	8.76	8.58	8.56
160	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.8	10.6	10.5	10.3	10.1	9.94	9.78	9.63	9.49	9.47
165	11.2	11.2	11.2	11.2	11.2	11.2	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.3
170	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.9	10.8
175	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.4	11.4	11.4	11.4	11.3	11.3	11.3	11.3	11.3
180	5.70	5.70	5.70	5.71	5.71	5.71	5.71	5.72	5.72	5.73	5.74	5.75	5.75	5.76	5.77	5.78	5.78	5.79	5.78

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm																		
NAME: 22代 8FT									TYPE:4000K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:1.191*0.047*2					Shielding Angle:				

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519
5	5488	5486	5484	5482	5480	5478	5476	5475	5474	5473	5472	5471	5470	5470	5470	5469	5469	5468	5468
10	5404	5399	5395	5392	5388	5385	5382	5379	5377	5376	5374	5373	5372	5371	5371	5370	5369	5368	5366
15	5270	5264	5258	5252	5247	5242	5237	5233	5231	5229	5227	5226	5225	5224	5223	5223	5222	5220	5217
20	5086	5078	5071	5064	5057	5051	5046	5041	5038	5036	5034	5032	5031	5030	5029	5028	5028	5025	5022
25	4860	4850	4841	4833	4825	4818	4812	4806	4802	4800	4797	4795	4794	4793	4792	4792	4791	4787	4784
30	4594	4583	4572	4563	4554	4546	4538	4532	4529	4526	4524	4523	4522	4521	4521	4520	4520	4515	4511
35	4286	4274	4263	4253	4243	4235	4227	4220	4216	4213	4211	4209	4208	4207	4206	4205	4205	4200	4195
40	3946	3933	3921	3910	3899	3890	3882	3875	3871	3868	3865	3863	3862	3862	3861	3861	3860	3854	3849
45	3579	3565	3552	3541	3530	3520	3511	3504	3499	3495	3491	3489	3487	3485	3484	3483	3482	3476	3470
50	3181	3166	3153	3140	3129	3118	3109	3101	3095	3091	3088	3085	3083	3081	3080	3079	3078	3072	3066
55	2758	2743	2728	2715	2703	2692	2683	2674	2669	2664	2661	2658	2656	2654	2653	2651	2650	2644	2638
60	2310	2295	2280	2267	2254	2243	2233	2224	2219	2215	2212	2209	2207	2206	2204	2203	2202	2196	2189
65	1839	1824	1811	1798	1786	1776	1767	1759	1754	1749	1746	1743	1741	1739	1738	1737	1736	1729	1722
70	1346	1332	1318	1306	1295	1286	1277	1270	1267	1264	1262	1261	1261	1260	1260	1260	1259	1252	1244
75	845	833	822	812	804	797	792	787	786	786	786	786	787	788	789	790	790	782	773
80	351	342	335	331	327	326	325	326	330	335	340	346	351	356	361	364	366	356	346
85	3.40	0.83	0.00	0.00	0.93	3.16	6.27	10.2	15.8	22.0	28.3	34.7	40.8	46.5	51.6	55.8	59.0	55.0	50.0
90	0.32	0.32	0.33	0.36	0.39	0.43	0.47	0.51	0.51	0.51	0.50	0.50	0.49	0.48	0.48	0.47	0.47	0.47	0.47
95	0.51	0.51	0.53	0.56	0.59	0.63	0.67	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.71	0.70
100	0.72	0.72	0.75	0.78	0.82	0.87	0.93	0.98	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.07	1.05	1.03
105	0.98	0.99	1.01	1.05	1.10	1.16	1.23	1.31	1.33	1.36	1.38	1.41	1.43	1.45	1.47	1.48	1.49	1.46	1.42
110	1.32	1.32	1.34	1.39	1.45	1.52	1.61	1.69	1.73	1.77	1.80	1.83	1.86	1.89	1.92	1.94	1.95	1.91	1.86
115	1.69	1.69	1.72	1.77	1.85	1.94	2.04	2.14	2.18	2.23	2.27	2.32	2.36	2.39	2.42	2.45	2.47	2.42	2.36
120	2.20	2.21	2.24	2.30	2.38	2.48	2.59	2.71	2.76	2.82	2.87	2.92	2.97	3.01	3.05	3.09	3.11	3.05	2.99
125	2.76	2.76	2.80	2.86	2.95	3.05	3.17	3.30	3.36	3.43	3.50	3.56	3.62	3.68	3.73	3.77	3.81	3.73	3.66
130	3.32	3.32	3.35	3.41	3.49	3.60	3.72	3.85	3.92	4.00	4.08	4.15	4.22	4.29	4.35	4.40	4.44	4.36	4.27
135	3.89	3.89	3.91	3.98	4.06	4.17	4.29	4.42	4.49	4.57	4.65	4.72	4.80	4.86	4.92	4.97	5.01	4.93	4.84
140	4.62	4.61	4.64	4.71	4.79	4.90	5.02	5.15	5.22	5.29	5.36	5.43	5.50	5.56	5.61	5.66	5.69	5.62	5.54
145	6.68	6.71	6.76	6.84	6.94	7.05	7.17	7.29	7.36	7.43	7.49	7.55	7.61	7.66	7.71	7.75	7.78	7.73	7.69
150	7.69	7.72	7.78	7.85	7.94	8.04	8.14	8.25	8.32	8.39	8.46	8.52	8.58	8.63	8.68	8.71	8.74	8.69	8.64
155	8.57	8.60	8.65	8.71	8.79	8.88	8.97	9.07	9.14	9.21	9.28	9.35	9.41	9.46	9.51	9.55	9.58	9.54	9.48
160	9.47	9.48	9.51	9.56	9.61	9.67	9.74	9.82	9.88	9.95	10.0	10.1	10.1	10.2	10.2	10.3	10.3	10.3	10.2
165	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.5	10.5	10.6	10.6	10.7	10.7	10.7	10.8	10.8	10.8	10.8	10.8
170	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.1
175	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
180	5.78	5.77	5.77	5.76	5.75	5.74	5.74	5.73	5.73	5.73	5.73	5.74	5.74	5.74	5.74	5.74	5.75	5.74	5.74

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.0V I:1.260A P:149.2W PF:0.9900 Freq:60.00Hz Lamp Flux:15271x1 lm																	
NAME: 22代 8FT									TYPE:4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:1.191*0.047*2						Shielding Angle:		

Table--4

UNIT: cd

C (DEG) γ (DEG)																				
	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355					
0	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519					
5	5467	5467	5467	5467	5467	5468	5468	5470	5472	5474	5476	5479	5482	5486	5489					
10	5365	5364	5363	5363	5363	5364	5365	5368	5371	5375	5380	5385	5391	5397	5405					
15	5215	5213	5211	5210	5210	5210	5212	5216	5221	5226	5233	5241	5250	5260	5271					
20	5019	5017	5015	5014	5014	5015	5016	5021	5027	5035	5043	5053	5064	5076	5089					
25	4781	4778	4776	4775	4774	4775	4777	4783	4790	4799	4809	4820	4833	4848	4863					
30	4506	4502	4499	4497	4495	4495	4497	4503	4510	4520	4531	4543	4558	4574	4592					
35	4191	4187	4184	4181	4180	4181	4182	4189	4197	4207	4218	4232	4247	4264	4282					
40	3844	3839	3835	3832	3831	3831	3832	3839	3848	3859	3872	3887	3904	3922	3943					
45	3465	3460	3456	3454	3453	3453	3456	3463	3473	3485	3500	3516	3534	3555	3578					
50	3061	3056	3052	3050	3049	3050	3052	3061	3072	3085	3100	3117	3137	3159	3184					
55	2633	2628	2624	2621	2620	2620	2623	2631	2641	2653	2668	2685	2704	2725	2749					
60	2183	2177	2173	2169	2168	2168	2170	2178	2188	2201	2216	2233	2253	2275	2299					
65	1716	1711	1706	1703	1701	1702	1704	1712	1722	1734	1749	1767	1786	1808	1832					
70	1237	1229	1223	1218	1214	1212	1212	1218	1226	1237	1250	1265	1283	1302	1324					
75	764	756	748	741	735	731	728	732	739	748	759	772	787	805	824					
80	334	322	311	299	289	280	272	272	275	279	286	295	306	319	334					
85	44.1	37.6	30.8	23.9	17.0	10.5	4.58	2.47	1.16	0.63	0.89	1.94	3.77	6.39	9.79					
90	0.48	0.48	0.50	0.51	0.53	0.56	0.60	0.64	0.70	0.76	0.83	0.90	0.98	1.07	1.16					
95	0.70	0.70	0.71	0.73	0.75	0.79	0.83	0.91	1.00	1.10	1.22	1.35	1.49	1.64	1.81					
100	1.01	1.00	1.00	1.00	1.03	1.06	1.12	1.22	1.34	1.48	1.65	1.83	2.03	2.25	2.49					
105	1.39	1.36	1.35	1.35	1.36	1.40	1.46	1.59	1.75	1.93	2.14	2.37	2.64	2.92	3.24					
110	1.82	1.78	1.76	1.75	1.76	1.80	1.87	2.02	2.21	2.42	2.68	2.96	3.28	3.62	4.00					
115	2.31	2.26	2.23	2.22	2.23	2.27	2.35	2.52	2.74	2.99	3.28	3.61	3.97	4.37	4.81					
120	2.93	2.88	2.84	2.83	2.83	2.87	2.95	3.13	3.36	3.63	3.94	4.29	4.69	5.12	5.59					
125	3.58	3.52	3.47	3.44	3.44	3.47	3.54	3.74	3.98	4.27	4.60	4.98	5.40	5.87	6.38					
130	4.19	4.11	4.06	4.02	4.01	4.04	4.11	4.31	4.57	4.87	5.23	5.63	6.08	6.58	7.12					
135	4.76	4.68	4.62	4.58	4.58	4.61	4.68	4.90	5.16	5.48	5.85	6.27	6.73	7.25	7.82					
140	5.46	5.39	5.34	5.31	5.31	5.35	5.43	5.64	5.90	6.21	6.57	6.98	7.44	7.94	8.50					
145	7.64	7.59	7.55	7.53	7.52	7.53	7.57	7.69	7.85	8.03	8.24	8.48	8.74	9.04	9.36					
150	8.58	8.53	8.48	8.45	8.42	8.42	8.44	8.54	8.66	8.82	9.00	9.20	9.44	9.69	9.98					
155	9.43	9.37	9.32	9.28	9.25	9.24	9.25	9.33	9.44	9.57	9.73	9.91	10.1	10.3	10.6					
160	10.2	10.2	10.1	10.1	10.1	10.0	10.1	10.1	10.2	10.3	10.4	10.6	10.8	10.9	11.2					
165	10.7	10.7	10.7	10.6	10.6	10.6	10.6	10.7	10.8	10.8	10.9	11.1	11.2	11.4	11.5					
170	11.1	11.1	11.1	11.1	11.0	11.0	11.1	11.1	11.2	11.3	11.3	11.4	11.6	11.7	11.8					
175	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.4	11.5	11.5	11.6	11.7	11.8					
180	5.74	5.74	5.74	5.73	5.73	5.73	5.73	5.74	5.74	5.74	5.75	5.75	5.76	5.77	5.78					

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
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Remarks: