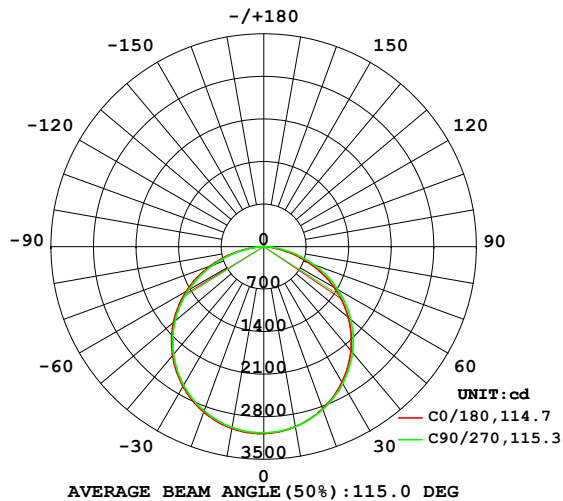


LUMINAIRE PHOTOMETRIC TEST REPORT

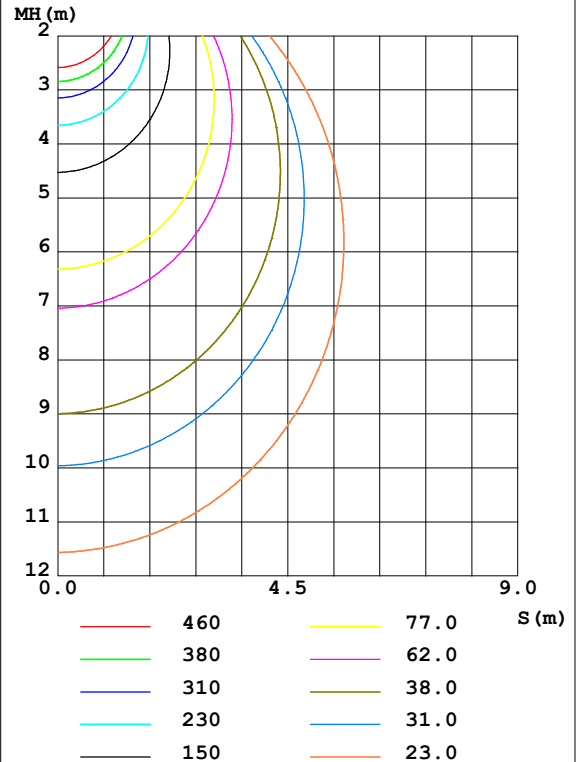
Test:U:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.88 lm/W			
MODEL		I _{max} (cd)	3077	S/MH(C0/180)	1.25
NOMINAL POWER(W)	80W	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	8954.1	η UP,DN(C0-180)	0.1,50.1
NOMINAL FLUX(lm)	8954.09	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.7
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	99.9	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:

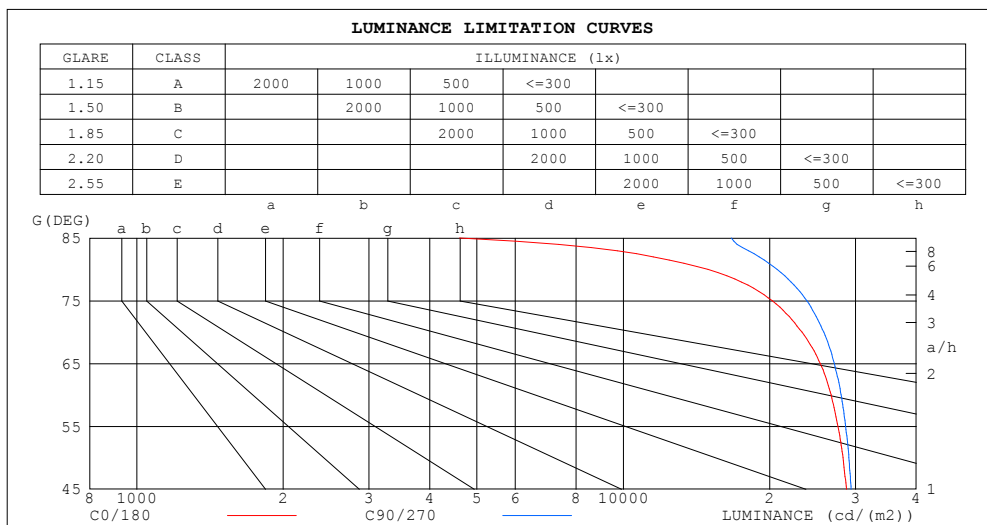
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3007	2997	3005	3022	3037	3026	3019	2992	0- 10	290.0	290.0	3.24,3.24
20	2837	2832	2848	2884	2895	2887	2875	2825	10- 20	832.3	1122	12.5,12.5
30	2576	2577	2601	2654	2659	2651	2637	2565	20- 30	1267	2389	26.7,26.7
40	2233	2240	2272	2340	2338	2332	2313	2223	30- 40	1539	3928	43.9,43.9
50	1818	1833	1870	1952	1940	1934	1905	1807	40- 50	1614	5541	61.9,61.9
60	1337	1360	1402	1498	1475	1467	1430	1323	50- 60	1478	7019	78.4,78.4
70	797.1	837.4	883.4	989.4	946.6	940.6	893.4	781.9	60- 70	1139	8158	91.1,91.1
80	259.2	306.2	359.7	445.8	376.5	387.3	346.6	246.8	70- 80	642.3	8800	98.3,98.3
90	0.7834	2.088	8.343	4.735	1.339	2.491	0.4794	1.326	80- 90	140.6	8941	99.9,99.9
100	0.9781	1.119	1.031	0.9012	0.7657	0.7553	0.7996	0.9974	90-100	1.028	8942	99.9,99.9
110	1.457	1.667	1.632	1.395	1.216	1.201	1.328	1.540	100-110	1.233	8943	99.9,99.9
120	1.975	2.238	2.247	1.962	1.715	1.704	1.885	2.082	110-120	1.692	8945	99.9,99.9
130	2.450	2.689	2.741	2.447	2.185	2.145	2.369	2.537	120-130	1.988	8947	99.9,99.9
140	2.906	3.115	3.114	2.897	2.626	2.552	2.790	2.916	130-140	2.056	8949	99.9,99.9
150	3.375	3.580	3.371	3.328	3.130	3.037	3.226	3.385	140-150	1.928	8951	100,100
160	3.884	3.996	3.729	3.749	3.783	3.618	3.614	3.850	150-160	1.637	8953	100,100
170	4.194	4.219	3.938	3.986	4.083	4.068	3.856	4.044	160-170	1.113	8954	100,100
180	2.044	2.068	2.029	1.894	1.979	2.037	1.950	1.988	170-180	0.3872	8954	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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4606	16669
80	14929	20712
75	20252	23849
70	23306	25829
65	25410	27164
60	26735	28043
55	27619	28642
50	28286	29098
45	28765	29406

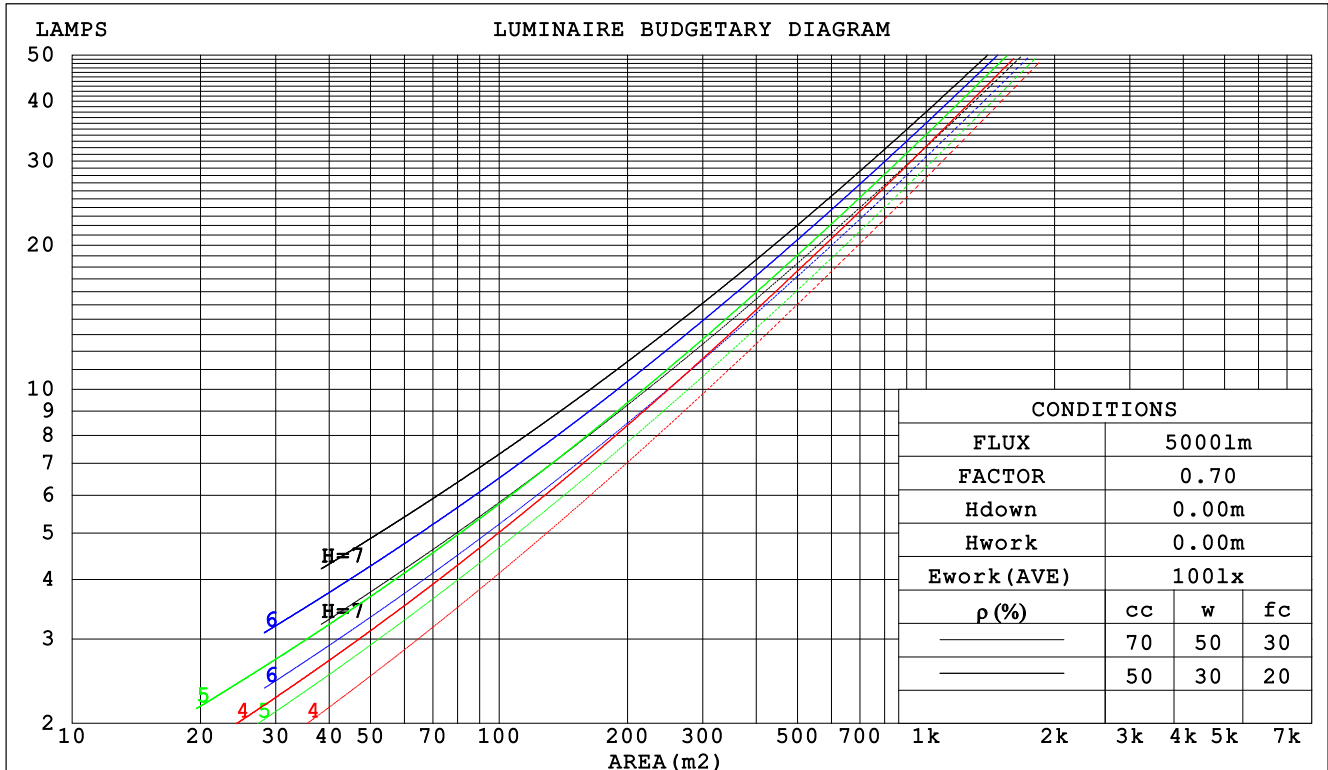
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.82	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm								
NAME: 22代 8FT				TYPE:4000K			WEIGHT:	
SPEC.:				DIM.:			SERIAL No.:	
MFR.: EVERFINE				SUR.:			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	.309	.176	.056	.302	.172	.055	.289	.166	.053	.276	.159	.051	.265	.154	.050		
2.0	.292	.160	.049	.286	.158	.049	.274	.153	.047	.264	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.266	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.041		
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036		
5.0	.231	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.026	.177	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.084	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.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	.157	.136	.155	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.149	.115	.086	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.075	.142	.100	.065	.098	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.136	.088	.052	.093	.062	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.092	.048	.130	.079	.042	.089	.055	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.083	.040	.124	.072	.035	.085	.051	.025	.049	.030	.015	.016	.010	.005	
7.0	.137	.077	.034	.118	.066	.030	.081	.047	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.061	.026	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.102	.053	.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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm										
NAME: 22代 8FT					TYPE:4000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					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	24.3	25.9	24.6	26.1	26.3	24.5	26.0	24.8	26.2	26.4
3H	25.8	27.2	26.1	27.4	27.7	26.0	27.5	26.3	27.7	27.9
4H	26.3	27.6	26.6	27.9	28.1	26.7	28.0	27.0	28.3	28.5
6H	26.6	27.8	26.9	28.1	28.4	27.1	28.3	27.4	28.6	28.9
8H	26.6	27.8	26.9	28.1	28.4	27.2	28.4	27.5	28.7	29.0
12H	26.6	27.7	26.9	28.0	28.4	27.2	28.4	27.6	28.7	29.0
4H 2H	25.0	26.3	25.3	26.6	26.8	25.1	26.4	25.4	26.7	26.9
3H	26.6	27.8	26.9	28.1	28.4	26.8	28.0	27.2	28.3	28.6
4H	27.2	28.3	27.6	28.6	28.9	27.5	28.6	27.9	28.9	29.3
6H	27.6	28.5	28.0	28.9	29.3	28.1	29.0	28.5	29.4	29.7
8H	27.6	28.5	28.1	28.9	29.3	28.2	29.1	28.6	29.5	29.9
12H	27.6	28.5	28.1	28.8	29.3	28.3	29.1	28.7	29.5	29.9
8H 4H	27.5	28.3	27.9	28.7	29.1	27.7	28.6	28.2	29.0	29.4
6H	27.9	28.7	28.4	29.1	29.5	28.4	29.1	28.8	29.5	30.0
8H	28.1	28.7	28.5	29.1	29.6	28.6	29.3	29.1	29.7	30.2
12H	28.1	28.6	28.6	29.1	29.6	28.8	29.3	29.3	29.8	30.3
12H 4H	27.5	28.3	27.9	28.7	29.1	27.7	28.6	28.2	28.9	29.4
6H	28.0	28.6	28.4	29.1	29.5	28.4	29.1	28.9	29.5	30.0
8H	28.1	28.7	28.6	29.1	29.6	28.7	29.2	29.1	29.7	30.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 8954 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.6)

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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

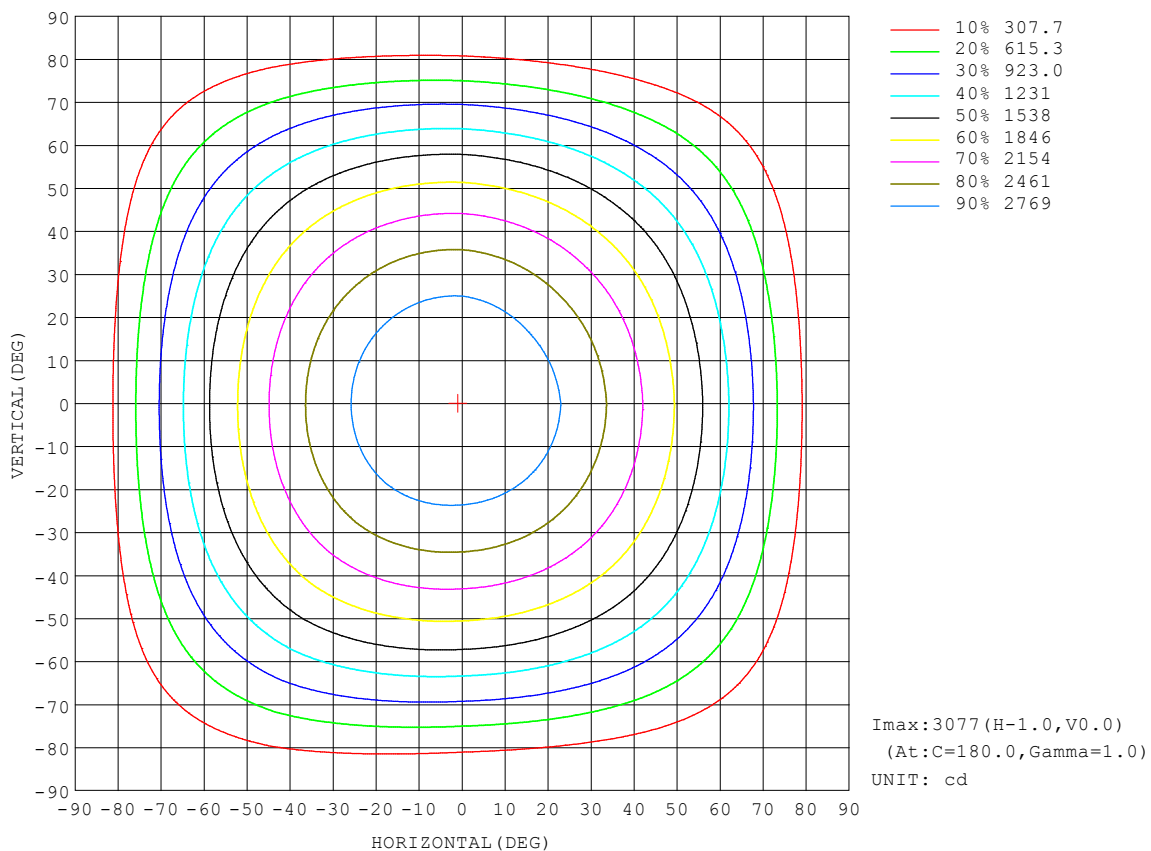
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

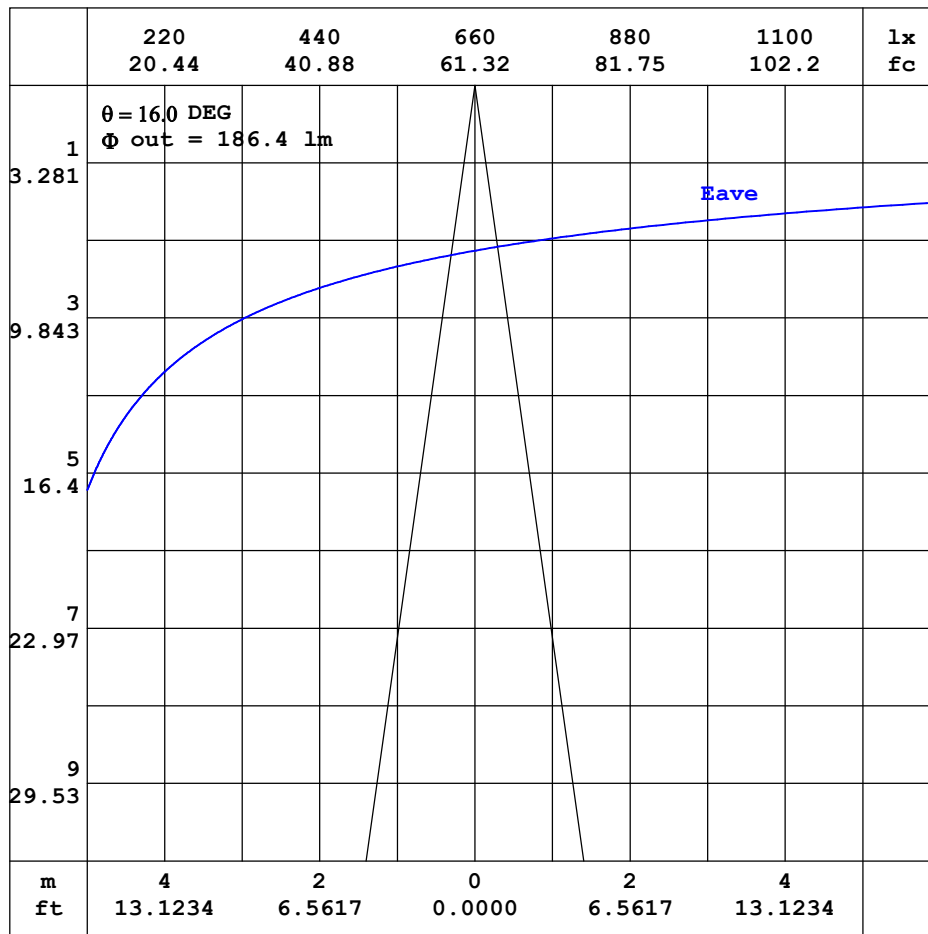


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



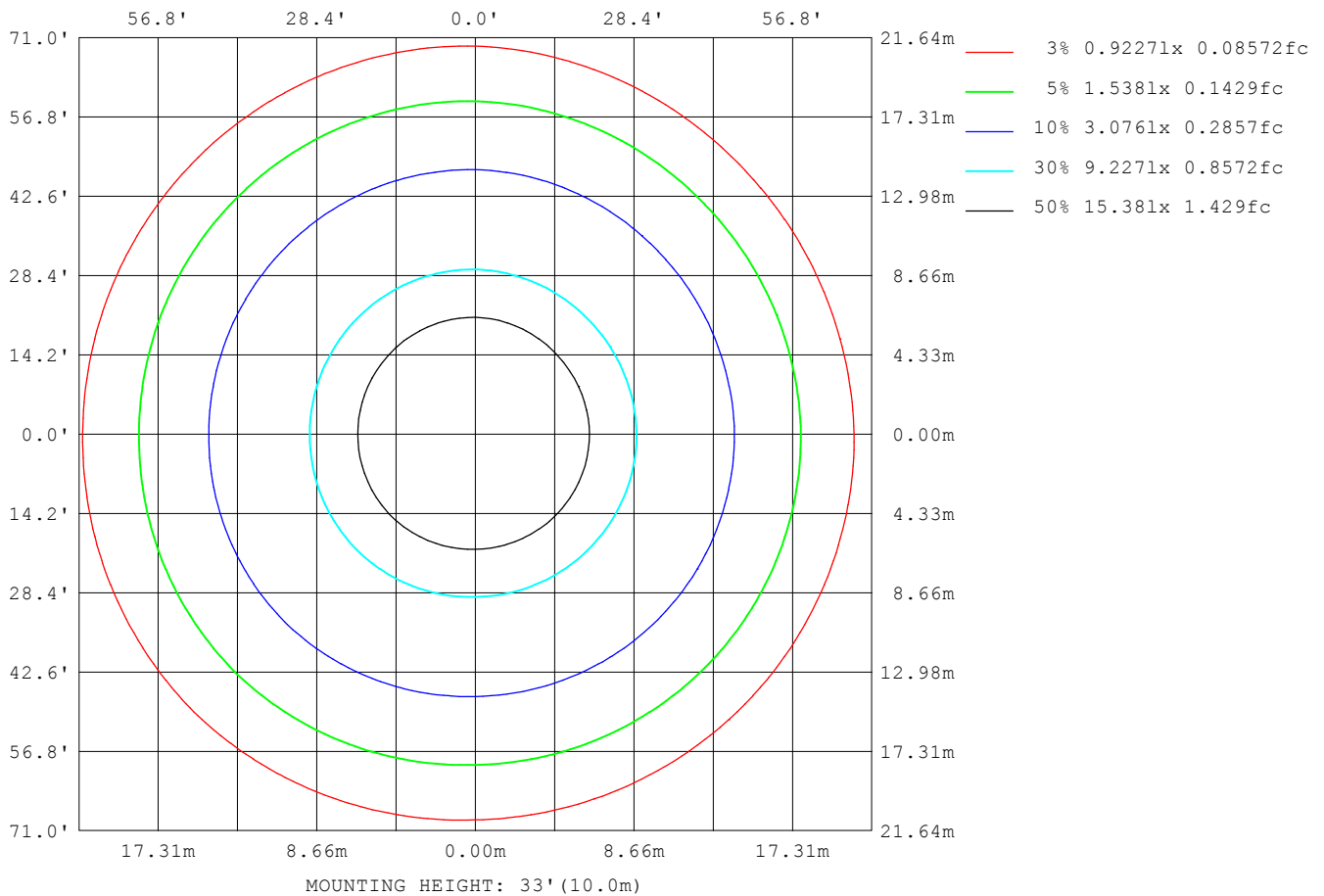
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm		
NAME: 22代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

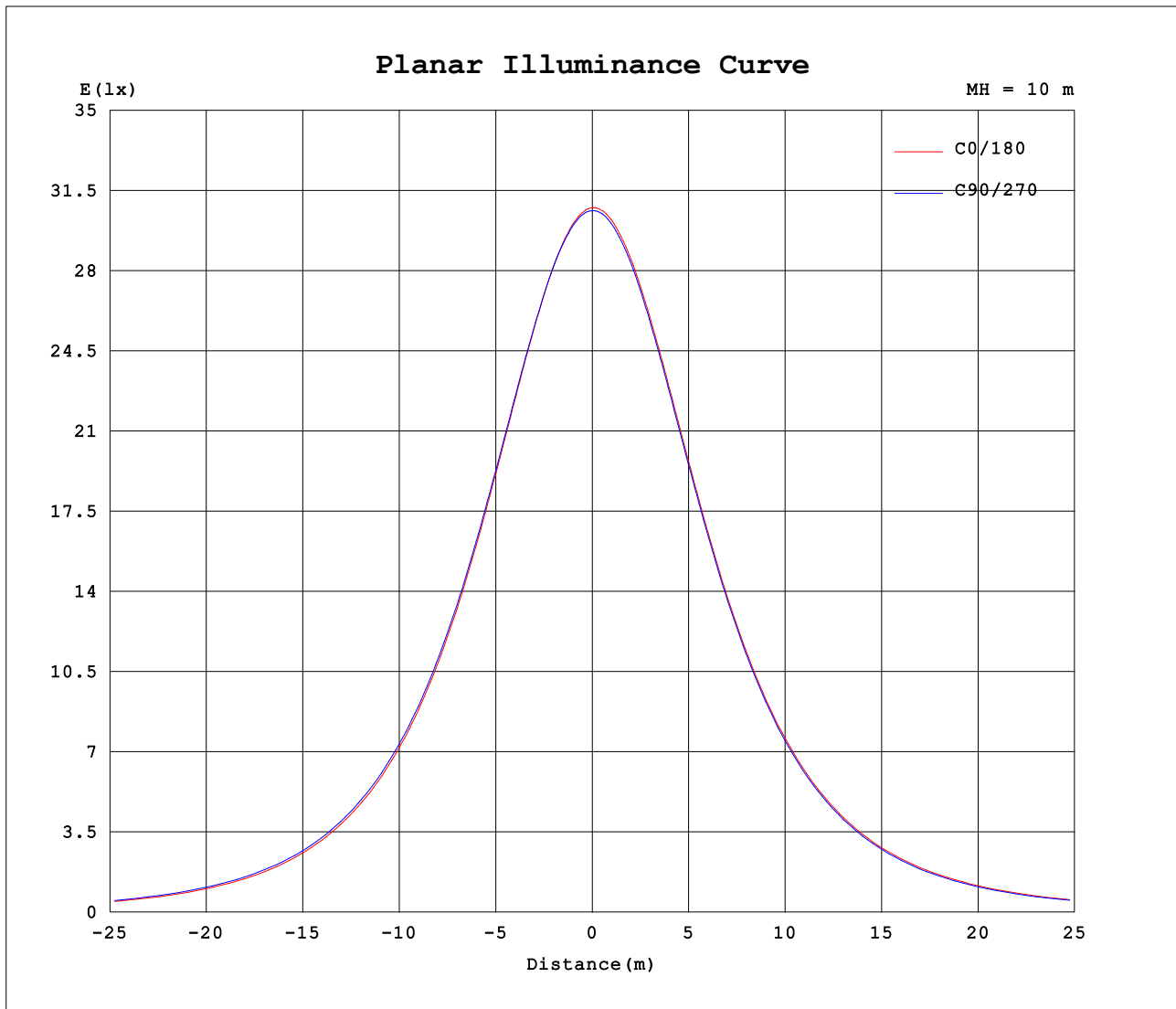
AvgL	cd/m2
L_0~180 (65) av	27143
L_0~180 (75) av	22973
L_0~180 (85) av	8452
L_90~270 (65) av	27408
L_90~270 (75) av	23797
L_90~270 (85) av	15120
L_45 (65) av	27324
L_45 (75) av	23630
L_45 (85) av	12918

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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm																	
NAME: 22代 8FT									TYPE:4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:						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	3076	3074	3072	3070	3069	3067	3066	3065	3064	3063	3063	3063	3063	3063	3063	3063	3063	3063	3063
5	3054	3052	3051	3049	3048	3047	3046	3045	3044	3044	3043	3043	3043	3044	3044	3044	3045	3046	3046
10	3007	3005	3003	3002	3001	3000	2999	2998	2998	2997	2997	2998	2998	2999	3000	3001	3002	3003	3005
15	2934	2933	2931	2930	2929	2928	2928	2927	2927	2927	2927	2928	2929	2930	2931	2932	2934	2935	2937
20	2837	2836	2834	2833	2832	2832	2831	2831	2832	2832	2833	2834	2835	2837	2838	2840	2843	2845	2848
25	2717	2716	2715	2714	2713	2713	2713	2714	2714	2715	2716	2718	2719	2721	2723	2726	2728	2732	2735
30	2576	2575	2574	2573	2573	2573	2574	2574	2575	2577	2578	2580	2582	2584	2587	2590	2593	2597	2601
35	2412	2412	2412	2412	2412	2412	2413	2414	2416	2418	2419	2421	2424	2427	2430	2433	2437	2441	2446
40	2233	2232	2232	2232	2233	2234	2235	2236	2238	2240	2242	2244	2247	2250	2254	2258	2262	2267	2272
45	2034	2034	2035	2035	2036	2038	2039	2041	2043	2045	2048	2050	2053	2057	2060	2064	2069	2074	2079
50	1818	1819	1819	1820	1822	1823	1825	1827	1830	1833	1835	1838	1842	1845	1849	1854	1859	1864	1870
55	1584	1586	1587	1589	1591	1594	1596	1599	1602	1605	1608	1611	1614	1618	1622	1626	1631	1637	1643
60	1337	1338	1340	1342	1345	1347	1350	1353	1357	1360	1363	1367	1370	1374	1379	1384	1389	1395	1402
65	1074	1077	1080	1083	1086	1090	1093	1097	1101	1105	1108	1112	1116	1120	1124	1129	1135	1141	1148
70	797	801	806	810	814	819	823	828	833	837	841	845	849	854	859	864	870	876	883
75	524	528	533	537	542	547	552	556	561	567	571	576	581	586	591	597	603	610	617
80	259	264	269	274	279	285	290	295	301	306	311	317	322	328	333	339	346	353	360
85	40.1	44.6	49.1	53.9	58.8	63.9	69.2	74.6	80.2	85.9	92.5	99.2	106	113	119	126	133	139	145
90	0.78	0.68	0.65	0.67	0.75	0.90	1.10	1.37	1.70	2.09	2.81	3.57	4.35	5.14	5.90	6.62	7.28	7.86	8.34
95	0.79	0.82	0.84	0.86	0.88	0.89	0.90	0.91	0.92	0.92	0.91	0.90	0.89	0.87	0.86	0.84	0.83	0.81	0.80
100	0.98	1.01	1.03	1.05	1.07	1.08	1.10	1.11	1.11	1.12	1.12	1.11	1.11	1.10	1.09	1.07	1.06	1.05	1.03
105	1.22	1.25	1.27	1.29	1.31	1.33	1.34	1.35	1.37	1.38	1.39	1.40	1.40	1.41	1.41	1.41	1.41	1.40	1.39
110	1.46	1.49	1.52	1.55	1.58	1.60	1.62	1.64	1.66	1.67	1.67	1.68	1.68	1.68	1.67	1.67	1.66	1.65	1.63
115	1.72	1.76	1.80	1.83	1.86	1.89	1.91	1.94	1.95	1.97	1.98	1.98	1.99	1.99	1.99	1.98	1.97	1.96	1.94
120	1.98	2.02	2.06	2.09	2.12	2.15	2.18	2.20	2.22	2.24	2.25	2.26	2.27	2.28	2.28	2.27	2.27	2.26	2.25
125	2.22	2.26	2.30	2.33	2.37	2.40	2.42	2.45	2.47	2.49	2.50	2.51	2.52	2.53	2.53	2.53	2.52	2.52	2.50
130	2.45	2.49	2.52	2.55	2.58	2.61	2.63	2.65	2.67	2.69	2.71	2.72	2.73	2.74	2.75	2.75	2.75	2.75	2.74
135	2.69	2.73	2.76	2.79	2.81	2.84	2.86	2.88	2.90	2.91	2.92	2.94	2.94	2.95	2.95	2.95	2.95	2.94	2.93
140	2.91	2.94	2.97	3.00	3.02	3.05	3.07	3.09	3.10	3.11	3.13	3.13	3.14	3.14	3.14	3.14	3.13	3.12	3.11
145	3.14	3.18	3.22	3.25	3.27	3.29	3.31	3.33	3.34	3.35	3.35	3.34	3.33	3.32	3.31	3.29	3.28	3.26	3.24
150	3.38	3.42	3.46	3.49	3.52	3.54	3.56	3.57	3.58	3.58	3.57	3.55	3.53	3.50	3.48	3.45	3.42	3.40	3.37
155	3.63	3.67	3.71	3.74	3.76	3.78	3.80	3.81	3.81	3.81	3.79	3.76	3.74	3.71	3.68	3.64	3.61	3.58	3.55
160	3.88	3.92	3.94	3.96	3.98	3.99	4.00	4.00	4.00	4.00	3.97	3.95	3.92	3.88	3.85	3.82	3.79	3.76	3.73
165	4.10	4.12	4.14	4.16	4.17	4.18	4.18	4.18	4.17	4.16	4.13	4.10	4.06	4.02	3.98	3.95	3.91	3.88	3.85
170	4.19	4.21	4.23	4.24	4.24	4.25	4.24	4.24	4.23	4.22	4.19	4.16	4.13	4.09	4.06	4.03	3.99	3.96	3.94
175	4.18	4.19	4.20	4.21	4.22	4.23	4.23	4.22	4.22	4.21	4.19	4.17	4.14	4.12	4.09	4.06	4.04	4.02	4.00
180	2.04	2.05	2.05	2.06	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.06	2.06	2.06	2.05	2.05	2.04	2.03

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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm																		
NAME: 22代 8FT									TYPE:4000K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					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	3062	3061	3061	3060	3059	3059	3059	3058	3059	3060	3062	3064	3066	3069	3071	3073	3074	3076	3075
5	3047	3047	3048	3048	3049	3050	3051	3051	3053	3055	3057	3059	3061	3063	3065	3067	3068	3070	3069
10	3006	3008	3010	3012	3013	3015	3017	3019	3022	3024	3026	3028	3030	3032	3034	3035	3036	3037	3037
15	2940	2943	2947	2950	2953	2956	2960	2963	2966	2968	2970	2972	2974	2975	2977	2978	2978	2979	2978
20	2852	2856	2860	2864	2869	2873	2877	2881	2884	2887	2889	2890	2892	2893	2894	2895	2895	2895	2895
25	2740	2745	2750	2755	2761	2766	2771	2775	2780	2782	2784	2786	2787	2787	2788	2788	2788	2788	2788
30	2607	2613	2619	2625	2632	2638	2643	2649	2654	2656	2658	2659	2660	2660	2660	2660	2660	2659	2658
35	2452	2460	2467	2474	2481	2488	2495	2501	2506	2508	2510	2511	2511	2511	2510	2510	2509	2507	2507
40	2280	2288	2296	2304	2312	2320	2327	2334	2340	2342	2343	2344	2344	2343	2342	2341	2340	2338	2338
45	2088	2097	2106	2115	2124	2132	2141	2148	2155	2157	2158	2158	2157	2156	2155	2153	2151	2149	2149
50	1880	1890	1900	1910	1919	1929	1937	1945	1952	1954	1954	1954	1952	1950	1948	1945	1942	1940	1939
55	1653	1664	1675	1686	1697	1708	1717	1726	1734	1735	1735	1734	1732	1729	1726	1723	1719	1715	1715
60	1413	1425	1437	1448	1460	1470	1481	1490	1498	1499	1498	1497	1494	1491	1488	1484	1480	1475	1475
65	1160	1172	1185	1197	1209	1221	1231	1241	1249	1250	1249	1247	1244	1240	1235	1230	1225	1220	1219
70	896	909	922	936	948	960	971	981	989	989	986	982	978	972	966	959	953	947	946
75	630	642	655	668	680	691	702	711	718	716	712	707	701	694	687	680	672	665	664
80	371	383	394	405	416	425	433	440	446	441	436	428	420	411	402	393	385	376	376
85	152	159	165	170	175	179	182	183	183	177	169	160	150	141	132	123	114	107	108
90	8.24	8.04	7.74	7.36	6.91	6.41	5.87	5.31	4.73	4.27	3.81	3.37	2.94	2.54	2.18	1.85	1.57	1.34	1.38
95	0.81	0.81	0.82	0.83	0.84	0.85	0.86	0.86	0.86	0.84	0.82	0.79	0.76	0.73	0.71	0.68	0.65	0.63	0.63
100	1.02	1.00	0.99	0.98	0.96	0.95	0.93	0.92	0.90	0.88	0.87	0.85	0.83	0.82	0.80	0.79	0.78	0.77	0.76
105	1.37	1.34	1.31	1.28	1.25	1.22	1.18	1.15	1.12	1.10	1.08	1.06	1.05	1.03	1.02	1.01	1.00	0.99	0.98
110	1.61	1.59	1.56	1.54	1.51	1.48	1.45	1.42	1.40	1.37	1.35	1.32	1.30	1.28	1.26	1.25	1.23	1.22	1.21
115	1.92	1.89	1.86	1.83	1.80	1.77	1.73	1.70	1.67	1.64	1.61	1.59	1.56	1.54	1.52	1.50	1.48	1.47	1.45
120	2.22	2.20	2.17	2.14	2.10	2.07	2.03	2.00	1.96	1.93	1.90	1.87	1.84	1.81	1.78	1.76	1.73	1.72	1.70
125	2.48	2.45	2.42	2.39	2.35	2.32	2.28	2.24	2.20	2.17	2.14	2.11	2.08	2.05	2.03	2.00	1.98	1.96	1.95
130	2.72	2.69	2.66	2.63	2.60	2.56	2.52	2.48	2.45	2.41	2.38	2.35	2.31	2.29	2.26	2.23	2.21	2.18	2.17
135	2.92	2.89	2.87	2.84	2.81	2.78	2.75	2.72	2.68	2.65	2.62	2.58	2.55	2.52	2.48	2.46	2.43	2.40	2.38
140	3.10	3.08	3.06	3.03	3.01	2.98	2.96	2.93	2.90	2.86	2.83	2.80	2.77	2.74	2.71	2.68	2.65	2.63	2.61
145	3.23	3.22	3.21	3.19	3.18	3.17	3.15	3.13	3.11	3.09	3.06	3.03	2.99	2.96	2.93	2.90	2.88	2.85	2.83
150	3.36	3.36	3.35	3.35	3.35	3.34	3.34	3.33	3.33	3.31	3.29	3.27	3.24	3.22	3.20	3.17	3.15	3.13	3.11
155	3.55	3.55	3.55	3.56	3.56	3.56	3.57	3.57	3.57	3.56	3.55	3.53	3.52	3.50	3.48	3.47	3.45	3.43	3.41
160	3.72	3.72	3.72	3.72	3.72	3.73	3.73	3.74	3.75	3.76	3.76	3.77	3.78	3.78	3.78	3.79	3.79	3.78	3.77
165	3.84	3.84	3.84	3.84	3.85	3.86	3.88	3.89	3.90	3.92	3.94	3.95	3.97	3.98	3.99	4.00	4.01	4.02	4.01
170	3.93	3.93	3.93	3.94	3.94	3.95	3.96	3.97	3.99	4.00	4.01	4.02	4.03	4.04	4.06	4.07	4.07	4.08	4.09
175	3.99	3.99	3.99	4.00	4.00	4.01	4.01	4.02	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.04	4.04	4.06
180	2.01	2.00	1.98	1.96	1.95	1.93	1.92	1.90	1.89	1.90	1.90	1.91	1.92	1.93	1.94	1.95	1.97	1.98	1.99

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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm																		
NAME: 22代 8FT									TYPE:4000K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					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	3074	3073	3071	3070	3068	3066	3065	3063	3063	3063	3063	3063	3063	3063	3063	3063	3063	3062	3061
5	3068	3067	3066	3064	3063	3061	3060	3058	3058	3057	3057	3056	3056	3056	3055	3055	3054	3052	3050
10	3036	3035	3034	3033	3031	3029	3028	3026	3026	3025	3024	3024	3023	3022	3021	3020	3019	3016	3012
15	2978	2977	2976	2975	2973	2972	2970	2969	2968	2968	2967	2966	2965	2964	2963	2961	2959	2955	2950
20	2894	2894	2893	2892	2891	2890	2888	2887	2886	2886	2885	2884	2883	2881	2880	2877	2875	2869	2863
25	2787	2786	2786	2785	2784	2783	2781	2780	2780	2779	2778	2777	2776	2775	2773	2770	2767	2760	2753
30	2658	2657	2657	2656	2655	2654	2652	2651	2651	2650	2650	2649	2647	2646	2643	2640	2637	2629	2621
35	2507	2506	2506	2505	2504	2503	2502	2501	2501	2500	2499	2498	2497	2495	2492	2489	2485	2476	2467
40	2337	2337	2337	2336	2335	2334	2333	2332	2332	2331	2330	2328	2327	2324	2321	2317	2313	2303	2293
45	2148	2148	2147	2146	2146	2145	2144	2142	2141	2140	2139	2137	2134	2131	2127	2123	2118	2108	2097
50	1939	1938	1938	1938	1937	1936	1936	1934	1933	1932	1930	1927	1924	1920	1916	1911	1905	1895	1883
55	1714	1714	1713	1713	1712	1712	1711	1709	1708	1706	1703	1701	1697	1693	1688	1683	1676	1665	1653
60	1474	1473	1473	1472	1471	1470	1469	1467	1465	1463	1460	1456	1452	1448	1442	1436	1430	1418	1405
65	1218	1217	1216	1215	1214	1213	1211	1209	1207	1204	1201	1197	1193	1188	1182	1176	1169	1156	1143
70	945	944	944	944	943	943	942	941	938	934	931	926	921	915	909	901	893	881	867
75	663	663	663	663	663	662	662	661	658	655	651	647	642	636	630	623	615	602	588
80	377	378	379	381	383	385	386	387	385	383	380	376	372	366	361	354	347	335	324
85	110	113	117	121	126	130	134	138	139	138	138	136	134	131	127	123	118	110	102
90	1.47	1.60	1.75	1.91	2.08	2.24	2.38	2.49	2.31	2.11	1.87	1.63	1.38	1.13	0.89	0.67	0.48	0.51	0.57
95	0.63	0.63	0.63	0.64	0.64	0.65	0.65	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.59	0.59	0.60	0.62
100	0.76	0.75	0.75	0.75	0.75	0.75	0.75	0.76	0.76	0.76	0.76	0.76	0.77	0.77	0.78	0.79	0.80	0.82	0.84
105	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.03	1.05	1.07	1.09
110	1.20	1.19	1.19	1.19	1.19	1.19	1.19	1.20	1.21	1.22	1.23	1.24	1.26	1.27	1.29	1.31	1.33	1.35	1.38
115	1.44	1.43	1.43	1.42	1.42	1.42	1.42	1.43	1.44	1.46	1.48	1.50	1.52	1.54	1.57	1.59	1.62	1.64	1.67
120	1.69	1.69	1.68	1.68	1.68	1.69	1.70	1.70	1.72	1.73	1.75	1.77	1.79	1.81	1.84	1.86	1.88	1.91	1.94
125	1.93	1.92	1.91	1.91	1.91	1.91	1.91	1.92	1.94	1.96	1.98	2.01	2.04	2.06	2.09	2.12	2.15	2.17	2.20
130	2.16	2.15	2.14	2.13	2.13	2.13	2.14	2.15	2.16	2.18	2.21	2.23	2.26	2.28	2.31	2.34	2.37	2.39	2.42
135	2.37	2.35	2.34	2.34	2.33	2.33	2.34	2.34	2.37	2.39	2.42	2.45	2.49	2.52	2.55	2.59	2.62	2.63	2.65
140	2.59	2.57	2.56	2.55	2.55	2.55	2.55	2.55	2.57	2.59	2.62	2.64	2.67	2.70	2.73	2.76	2.79	2.81	2.83
145	2.81	2.79	2.78	2.77	2.76	2.76	2.76	2.76	2.78	2.80	2.82	2.85	2.88	2.91	2.94	2.97	2.99	3.01	3.03
150	3.09	3.08	3.06	3.05	3.04	3.04	3.04	3.04	3.05	3.07	3.08	3.10	3.13	3.15	3.18	3.20	3.23	3.25	3.27
155	3.40	3.38	3.37	3.36	3.35	3.34	3.33	3.33	3.33	3.33	3.34	3.35	3.36	3.37	3.38	3.40	3.42	3.44	3.46
160	3.75	3.73	3.71	3.69	3.67	3.65	3.63	3.62	3.61	3.60	3.59	3.59	3.59	3.59	3.60	3.60	3.61	3.64	3.66
165	3.99	3.98	3.96	3.94	3.92	3.90	3.88	3.86	3.84	3.83	3.81	3.80	3.79	3.78	3.77	3.77	3.77	3.78	3.80
170	4.09	4.09	4.10	4.09	4.09	4.09	4.08	4.07	4.04	4.02	3.99	3.96	3.94	3.91	3.89	3.87	3.86	3.86	3.88
175	4.08	4.09	4.11	4.13	4.14	4.15	4.16	4.16	4.13	4.10	4.06	4.02	3.99	3.95	3.91	3.88	3.86	3.86	3.87
180	2.00	2.01	2.01	2.02	2.03	2.03	2.04	2.04	2.03	2.02	2.01	2.00	1.99	1.98	1.97	1.96	1.95	1.95	1.95

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:120.5V I:0.6900A P:83.00W PF:0.9900 Freq:60.00Hz Lamp Flux:8954.09x1 lm																	
NAME: 22代 8FT									TYPE:4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:						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	3061	3060	3059	3059	3059	3058	3059	3059	3060	3062	3063	3065	3068	3070	3073				
5	3048	3046	3044	3042	3040	3039	3038	3038	3039	3040	3041	3043	3045	3048	3051				
10	3009	3006	3002	2999	2996	2994	2992	2991	2991	2992	2993	2995	2997	3000	3003				
15	2946	2941	2936	2932	2927	2924	2921	2919	2919	2919	2920	2922	2924	2927	2930				
20	2857	2851	2845	2839	2834	2829	2825	2823	2822	2822	2823	2824	2826	2829	2833				
25	2746	2739	2731	2724	2718	2712	2706	2704	2702	2702	2702	2703	2705	2708	2712				
30	2612	2604	2595	2587	2579	2571	2565	2562	2560	2559	2559	2561	2563	2566	2570				
35	2457	2447	2438	2428	2419	2411	2403	2400	2398	2396	2396	2397	2399	2403	2407				
40	2282	2271	2261	2250	2240	2231	2223	2219	2217	2215	2215	2216	2218	2222	2227				
45	2086	2074	2063	2052	2042	2032	2024	2020	2017	2016	2015	2017	2019	2023	2028				
50	1872	1860	1848	1837	1826	1816	1807	1803	1800	1799	1799	1800	1803	1806	1812				
55	1641	1628	1616	1604	1593	1583	1573	1569	1566	1564	1564	1565	1568	1572	1577				
60	1392	1380	1367	1355	1343	1332	1323	1319	1316	1314	1314	1316	1319	1323	1329				
65	1129	1115	1102	1089	1076	1065	1056	1051	1048	1047	1047	1049	1053	1058	1065				
70	854	840	827	814	802	792	782	777	774	773	773	775	778	783	789				
75	574	560	547	534	522	511	501	497	494	493	494	497	501	507	515				
80	311	299	288	276	265	255	247	243	240	238	238	240	243	247	252				
85	92.9	83.9	74.9	66.1	57.7	49.9	42.7	38.8	35.8	33.8	32.6	32.3	32.9	34.4	36.8				
90	0.65	0.76	0.87	0.99	1.11	1.22	1.33	1.33	1.33	1.30	1.26	1.20	1.12	1.02	0.91				
95	0.65	0.67	0.70	0.72	0.75	0.77	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.80				
100	0.87	0.89	0.91	0.94	0.96	0.98	1.00	1.01	1.01	1.02	1.02	1.01	1.01	1.00	0.99				
105	1.11	1.13	1.16	1.18	1.20	1.21	1.23	1.24	1.25	1.25	1.25	1.25	1.25	1.24	1.23				
110	1.41	1.43	1.46	1.48	1.50	1.52	1.54	1.55	1.55	1.54	1.54	1.53	1.52	1.50	1.48				
115	1.69	1.72	1.74	1.76	1.77	1.79	1.80	1.81	1.81	1.80	1.80	1.79	1.78	1.76	1.74				
120	1.96	1.99	2.01	2.03	2.05	2.07	2.08	2.09	2.08	2.08	2.07	2.06	2.04	2.03	2.00				
125	2.22	2.24	2.25	2.27	2.28	2.29	2.30	2.30	2.30	2.30	2.29	2.28	2.27	2.26	2.24				
130	2.44	2.46	2.48	2.50	2.52	2.53	2.54	2.54	2.54	2.54	2.53	2.52	2.51	2.49	2.47				
135	2.66	2.67	2.68	2.69	2.69	2.70	2.70	2.71	2.71	2.71	2.71	2.71	2.71	2.70	2.70				
140	2.85	2.86	2.88	2.89	2.90	2.91	2.92	2.92	2.92	2.93	2.93	2.93	2.92	2.92	2.91				
145	3.04	3.06	3.07	3.08	3.09	3.10	3.10	3.11	3.12	3.13	3.13	3.13	3.14	3.14	3.14				
150	3.29	3.31	3.33	3.34	3.36	3.37	3.39	3.39	3.40	3.40	3.40	3.40	3.40	3.39	3.38				
155	3.49	3.52	3.54	3.57	3.59	3.61	3.63	3.64	3.65	3.66	3.66	3.66	3.66	3.65	3.64				
160	3.69	3.72	3.74	3.77	3.80	3.83	3.85	3.86	3.88	3.88	3.89	3.89	3.90	3.89	3.89				
165	3.83	3.85	3.87	3.90	3.93	3.95	3.98	4.00	4.02	4.03	4.04	4.06	4.07	4.08	4.09				
170	3.90	3.92	3.94	3.96	3.99	4.02	4.04	4.06	4.08	4.10	4.12	4.13	4.15	4.16	4.18				
175	3.88	3.89	3.91	3.94	3.96	3.98	4.01	4.03	4.05	4.06	4.08	4.10	4.12	4.14	4.16				
180	1.95	1.96	1.96	1.97	1.97	1.98	1.99	1.99	2.00	2.00	2.01	2.02	2.02	2.03	2.04				

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: