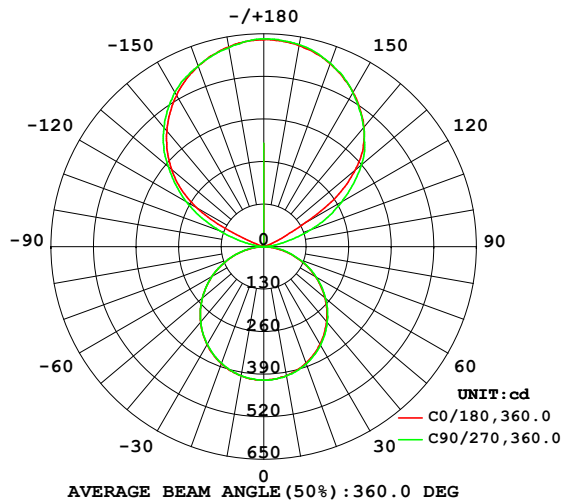


LUMINAIRE PHOTOMETRIC TEST REPORT

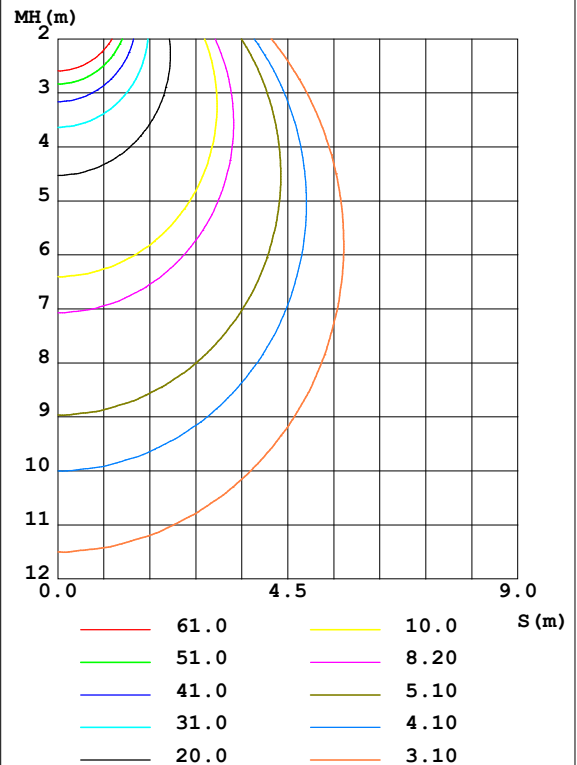
Test:U:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.26 lm/W			
MODEL		I _{max} (cd)	637.0	S/MH(C0/180)	1.26
NOMINAL POWER(W)	25W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2822.7	η UP,DN(C0-180)	29.0,21.2
NOMINAL FLUX(lm)	2822.69	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	29.1,20.7
LAMPS INSIDE	1	η up(%)	58.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	41.9	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:

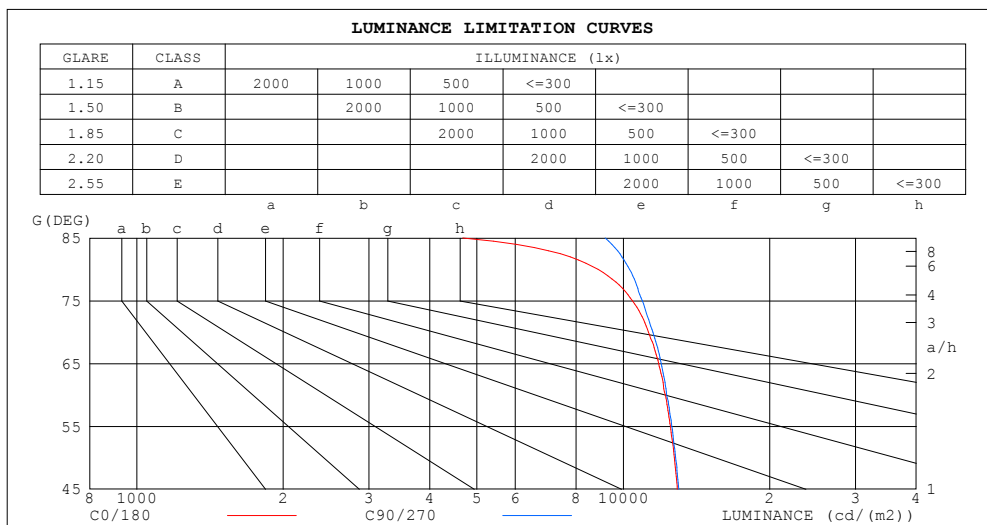
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	400.7	401.6	401.2	404.2	401.0	401.9	400.6	399.4	0- 10	38.63	38.63	1.37,1.37
20	378.8	380.3	381.0	384.8	380.5	380.7	379.0	376.0	10- 20	110.7	149.3	5.29,5.29
30	345.0	346.8	347.9	352.8	346.3	347.1	345.2	340.2	20- 30	168.1	317.4	11.2,11.2
40	298.9	301.3	301.9	308.1	300.7	301.8	300.0	292.8	30- 40	203.2	520.6	18.4,18.4
50	244.3	246.2	247.0	254.4	245.3	246.8	246.0	237.0	40- 50	211.5	732.1	25.9,25.9
60	182.2	181.7	184.3	192.2	183.1	184.7	183.6	173.6	50- 60	192.2	924.3	32.7,32.7
70	115.1	114.0	118.1	124.8	115.7	117.9	116.8	107.3	60- 70	148.1	1072	38,38
80	46.07	48.84	53.68	59.08	47.00	52.92	52.50	42.47	70- 80	87.48	1160	41.1,41.1
90	0.5478	1.551	1.613	1.547	0.3081	0.9718	1.501	1.487	80- 90	22.31	1182	41.9,41.9
100	1.781	2.743	43.46	4.783	1.931	3.642	35.20	2.378	90-100	4.698	1187	42,42
110	14.19	56.43	153.6	122.6	28.65	124.8	144.0	64.97	100-110	41.79	1229	43.5,43.5
120	148.9	249.9	275.5	264.8	233.8	270.0	272.9	253.4	110-120	166.4	1395	49.4,49.4
130	365.3	375.4	390.2	376.2	368.6	384.9	381.1	384.6	120-130	284.3	1679	59.5,59.5
140	476.5	466.6	475.2	471.8	460.7	475.3	474.8	476.4	130-140	330.1	2009	71.2,71.2
150	545.2	541.1	544.4	543.5	533.5	540.6	544.5	543.0	140-150	318.7	2328	82.5,82.5
160	594.9	593.5	596.5	597.0	587.6	588.1	587.2	590.4	150-160	262.4	2591	91.8,91.8
170	623.4	624.2	626.9	626.9	619.2	620.0	617.5	623.4	160-170	172.1	2763	97.9,97.9
180	631.8	634.9	634.6	636.4	631.8	634.9	634.6	636.4	170-180	60.00	2823	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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4675	9186
80	8883	10304
75	10445	10948
70	11265	11512
65	11821	11972
60	12198	12287
55	12502	12587
50	12726	12809
45	12915	13004

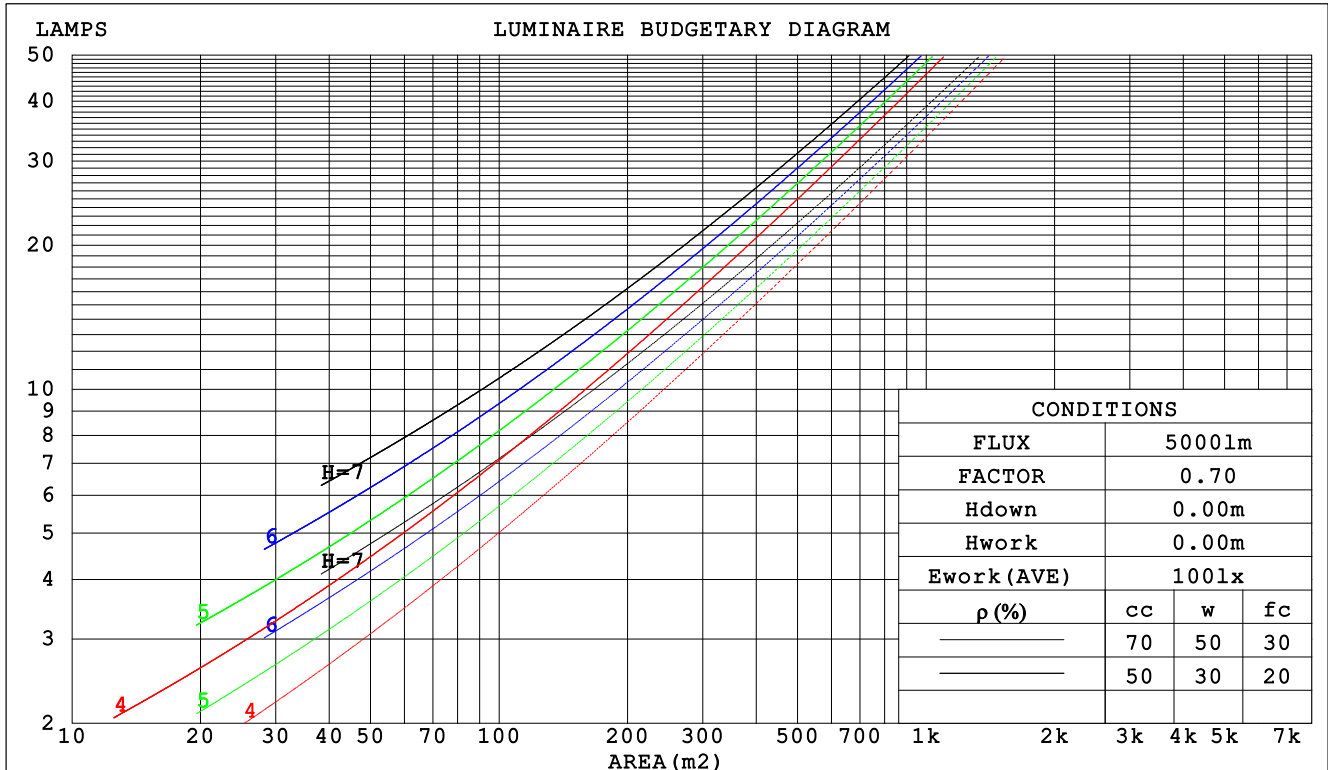
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.05	1.05	1.05	.96	.96	.96	.79	.79	.79	.63	.63	.63	.49	.49	.49	.42
1.0	.91	.88	.84	.84	.80	.77	.69	.66	.64	.55	.54	.52	.43	.42	.41	.35
2.0	.80	.74	.68	.73	.68	.63	.60	.56	.53	.48	.46	.43	.37	.36	.34	.29
3.0	.70	.62	.57	.64	.58	.52	.53	.48	.44	.42	.39	.36	.33	.31	.29	.24
4.0	.62	.54	.48	.56	.50	.44	.47	.42	.38	.38	.34	.31	.29	.27	.25	.21
5.0	.55	.47	.41	.50	.43	.38	.42	.36	.32	.34	.30	.27	.26	.24	.21	.18
6.0	.49	.41	.35	.45	.38	.33	.37	.32	.28	.30	.26	.23	.24	.21	.19	.16
7.0	.44	.36	.31	.41	.34	.29	.34	.28	.24	.28	.23	.20	.22	.19	.17	.14
8.0	.40	.32	.27	.37	.30	.25	.31	.25	.22	.25	.21	.18	.20	.17	.15	.12
9.0	.36	.29	.24	.34	.27	.22	.28	.23	.19	.23	.19	.16	.18	.15	.13	.11
10.0	.33	.26	.21	.31	.24	.20	.26	.21	.17	.21	.17	.15	.17	.14	.12	.10



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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm					
NAME: 2FT			TYPE:3500K 5.5		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:0.6*0.05		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	.280	.159	.051	.256	.146	.046	.210	.120	.038	.168	.097	.031	.129	.075	.024		
2.0	.261	.143	.044	.238	.131	.040	.196	.109	.034	.158	.088	.028	.122	.069	.022		
3.0	.241	.128	.038	.220	.118	.036	.182	.099	.030	.146	.080	.025	.113	.063	.019		
4.0	.223	.116	.034	.204	.107	.032	.168	.089	.027	.136	.073	.022	.105	.057	.017		
5.0	.206	.105	.030	.189	.097	.028	.156	.081	.024	.126	.066	.020	.098	.052	.016		
6.0	.192	.096	.028	.176	.089	.026	.146	.075	.022	.117	.061	.018	.091	.048	.014		
7.0	.179	.088	.025	.164	.082	.023	.136	.069	.020	.110	.056	.016	.085	.044	.013		
8.0	.167	.082	.023	.154	.076	.021	.128	.064	.018	.103	.052	.015	.080	.041	.012		
9.0	.157	.076	.021	.144	.070	.020	.120	.059	.017	.097	.049	.014	.075	.038	.011		
10.0	.148	.071	.020	.136	.066	.018	.113	.055	.016	.091	.045	.013	.071	.036	.010		

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	.633	.633	.633	.541	.541	.541	.369	.369	.369	.212	.212	.212	.068	.068	.068	
1.0	.625	.603	.583	.535	.517	.502	.366	.356	.347	.210	.206	.202	.067	.066	.065	
2.0	.618	.582	.551	.529	.501	.477	.362	.346	.332	.209	.201	.195	.067	.065	.063	
3.0	.611	.566	.530	.524	.488	.460	.359	.339	.323	.208	.198	.190	.067	.064	.062	
4.0	.604	.554	.516	.518	.479	.448	.357	.334	.316	.206	.195	.187	.066	.064	.061	
5.0	.598	.545	.506	.513	.472	.440	.354	.329	.311	.205	.193	.184	.066	.063	.061	
6.0	.592	.538	.499	.509	.466	.435	.351	.326	.308	.204	.192	.183	.066	.063	.060	
7.0	.586	.532	.494	.504	.461	.430	.348	.323	.305	.202	.190	.182	.065	.062	.060	
8.0	.580	.527	.490	.499	.457	.427	.346	.321	.303	.201	.189	.181	.065	.062	.060	
9.0	.575	.522	.487	.495	.453	.425	.343	.319	.302	.200	.188	.180	.065	.062	.060	
10.0	.570	.519	.484	.491	.450	.423	.341	.317	.300	.199	.187	.179	.064	.062	.059	

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm										
NAME: 2FT					TYPE:3500K 5.5			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:0.6*0.05			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	17.7	18.6	18.6	19.5	20.7	17.7	18.6	18.6	19.5	20.7
3H	19.1	19.9	20.0	20.8	22.1	19.1	19.9	20.1	20.9	22.1
4H	19.6	20.4	20.6	21.3	22.6	19.7	20.5	20.7	21.4	22.7
6H	20.0	20.7	21.0	21.6	22.9	20.2	20.8	21.1	21.8	23.1
8H	20.0	20.7	21.0	21.7	23.0	20.3	20.9	21.3	21.9	23.2
12H	20.0	20.6	21.0	21.6	23.0	20.4	21.0	21.4	22.0	23.3
4H 2H	18.1	18.8	19.1	19.8	21.1	18.1	18.8	19.1	19.8	21.1
3H	19.7	20.3	20.7	21.3	22.6	19.7	20.3	20.7	21.3	22.6
4H	20.3	20.9	21.3	21.9	23.2	20.4	21.0	21.4	22.0	23.3
6H	20.8	21.2	21.8	22.3	23.6	20.9	21.4	22.0	22.5	23.8
8H	20.9	21.3	21.9	22.3	23.7	21.1	21.6	22.2	22.6	24.0
12H	20.9	21.3	21.9	22.3	23.7	21.2	21.6	22.3	22.7	24.1
8H 4H	20.4	20.9	21.5	21.9	23.3	20.5	21.0	21.6	22.0	23.4
6H	21.0	21.4	22.1	22.4	23.9	21.2	21.6	22.3	22.6	24.0
8H	21.2	21.5	22.3	22.6	24.0	21.5	21.8	22.5	22.8	24.3
12H	21.2	21.5	22.3	22.6	24.0	21.6	21.9	22.7	23.0	24.4
12H 4H	20.4	20.8	21.5	21.9	23.3	20.5	20.9	21.5	21.9	23.3
6H	21.0	21.3	22.1	22.4	23.8	21.2	21.5	22.3	22.6	24.0
8H	21.2	21.5	22.3	22.6	24.0	21.5	21.7	22.6	22.8	24.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 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 2823 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.6)

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

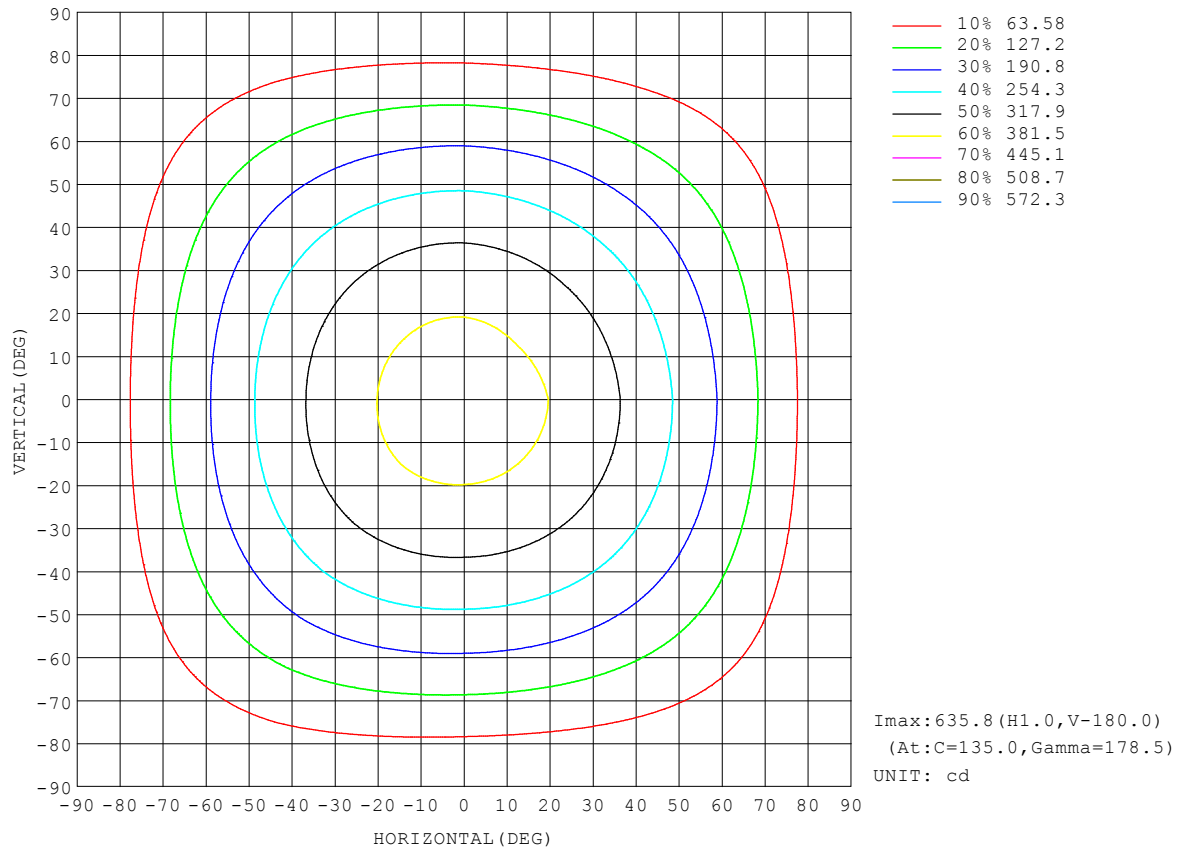
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	42	31	25	39	29	24	34	26	21	13
0.80	51	40	33	47	37	31	41	33	28	17
1.00	59	47	40	54	44	38	46	40	34	21
1.25	66	55	47	61	51	45	51	44	39	24
1.50	71	61	53	65	56	50	55	48	43	26
2.00	78	69	62	72	64	58	60	54	50	29
2.50	83	74	68	76	69	63	63	58	54	31
3.00	86	79	72	79	72	67	65	61	57	33
4.00	91	84	79	83	77	73	68	65	62	35
5.00	93	88	83	85	81	77	70	67	64	36
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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

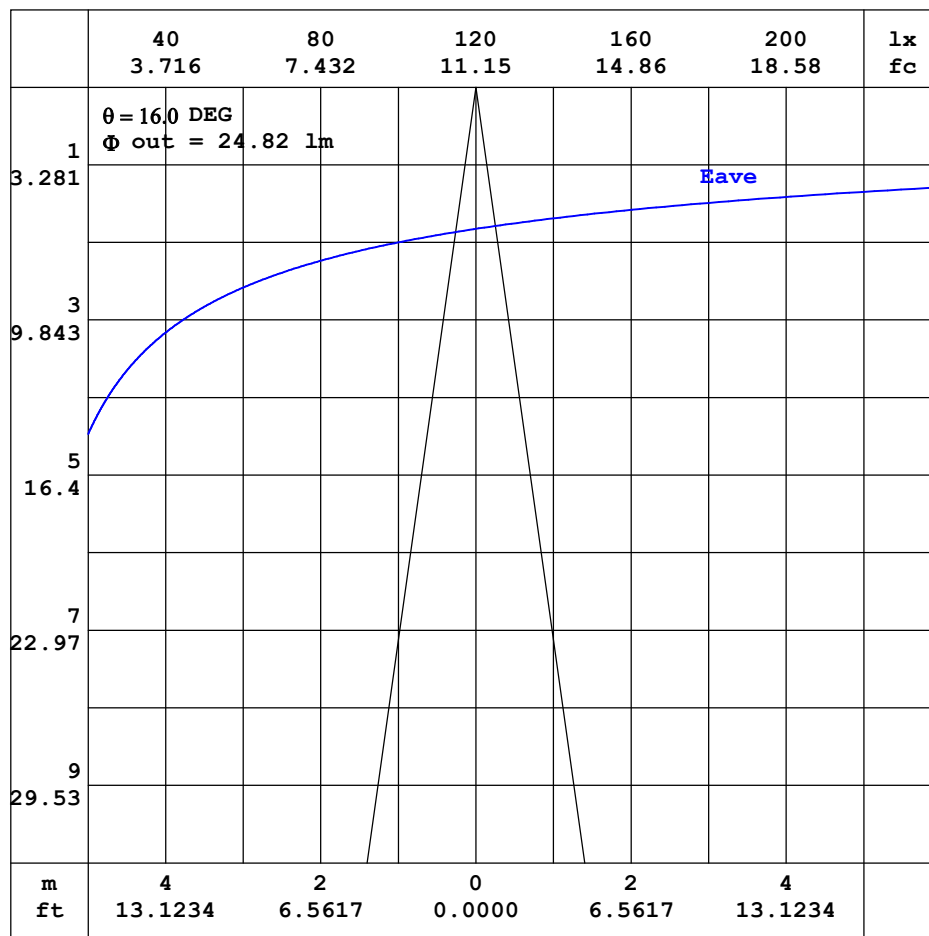


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



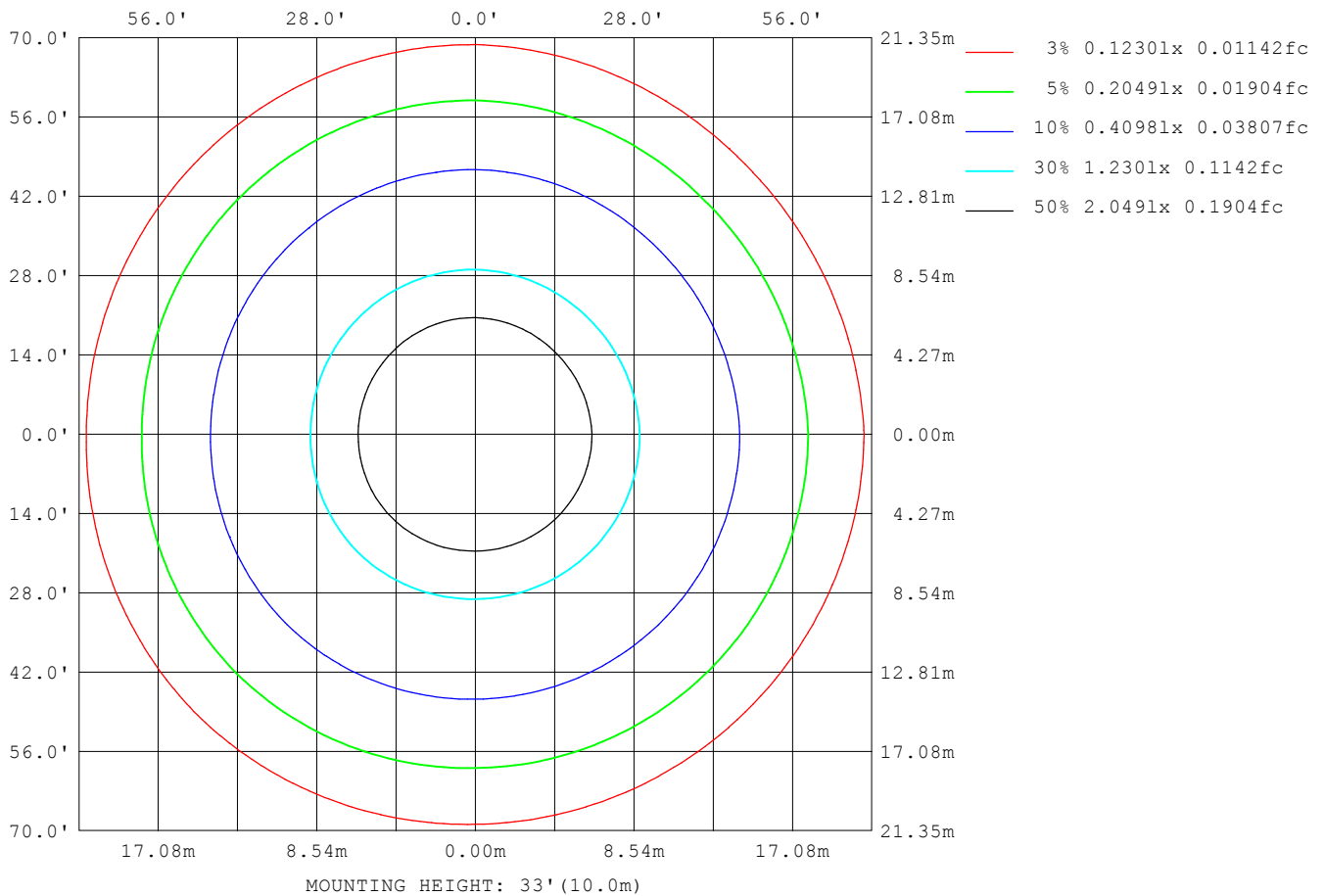
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

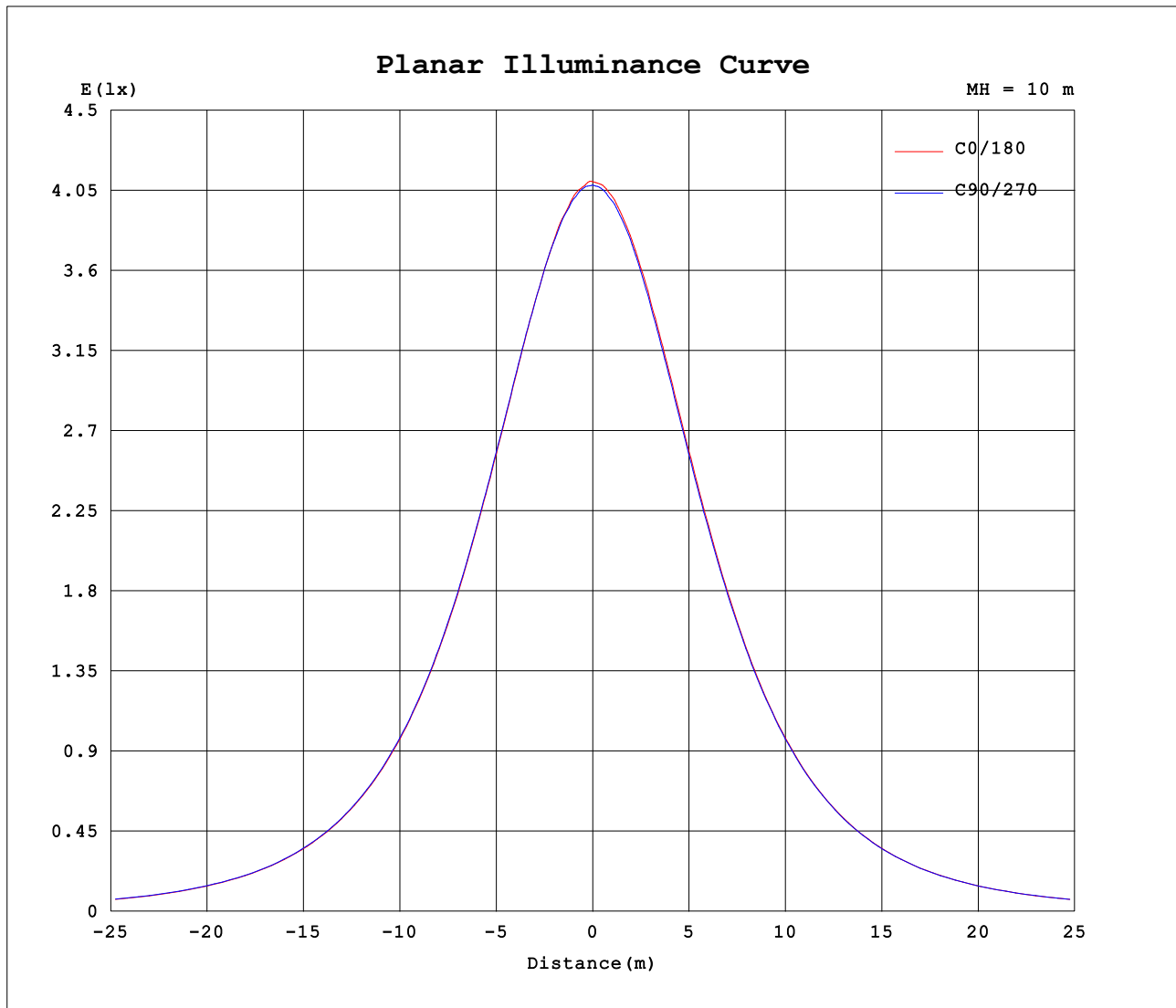
AvgL	cd/m2
L_0~180 (65) av	11781
L_0~180 (75) av	10455
L_0~180 (85) av	4928
L_90~270 (65) av	11917
L_90~270 (75) av	10884
L_90~270 (85) av	8996
L_45 (65) av	11808
L_45 (75) av	10719
L_45 (85) av	7116

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408
5	406	406	406	406	406	406	406	406	406	406	406	406	406	406	406	406	406	406	406
10	401	401	401	401	401	401	401	401	402	402	401	401	401	401	401	401	401	401	401
15	391	391	391	391	392	392	392	392	392	392	392	392	392	392	392	392	392	393	393
20	379	379	379	379	380	380	380	380	380	380	380	380	380	380	381	381	381	381	381
25	363	363	363	364	364	364	365	365	365	365	365	365	365	365	365	365	365	365	366
30	345	345	345	346	346	346	346	346	347	347	347	347	347	347	347	347	348	348	348
35	323	323	324	324	324	324	325	325	325	325	325	325	325	325	326	326	326	326	326
40	299	299	300	300	300	300	301	301	301	301	301	301	301	301	301	301	302	302	302
45	273	273	273	274	274	274	274	275	275	275	275	275	275	275	275	275	275	276	276
50	244	245	245	245	245	245	246	246	246	246	246	246	246	246	246	246	247	247	247
55	214	214	214	214	214	215	215	215	215	215	215	215	215	215	215	216	216	216	217
60	182	182	182	182	182	182	182	182	182	182	182	182	182	182	183	183	183	184	184
65	149	149	148	148	148	148	148	148	148	148	148	148	149	149	149	150	151	151	152
70	115	115	114	114	114	114	114	114	114	114	114	115	115	115	116	116	117	117	118
75	80.7	80.6	80.6	80.5	80.5	80.6	80.7	80.8	81.0	81.2	81.5	81.8	82.1	82.5	82.9	83.4	83.9	84.4	85.0
80	46.1	46.3	46.5	46.8	47.0	47.4	47.7	48.0	48.4	48.8	49.3	49.8	50.3	50.8	51.4	51.9	52.5	53.1	53.7
85	12.2	12.6	13.1	13.5	14.1	14.6	15.2	15.8	16.4	17.0	17.8	18.6	19.5	20.3	21.1	21.9	22.6	23.4	24.0
90	0.55	0.71	0.85	0.99	1.11	1.22	1.32	1.41	1.49	1.55	1.59	1.62	1.64	1.65	1.65	1.65	1.64	1.63	1.61
95	0.72	0.43	0.50	0.56	0.60	0.64	0.67	0.69	1.01	1.54	2.69	3.92	5.18	6.43	7.64	8.76	9.76	10.6	11.3
100	1.78	0.42	0.44	0.46	0.47	0.49	0.49	0.50	0.67	2.74	7.48	12.6	17.8	23.0	28.1	32.8	37.1	40.7	43.5
105	3.25	0.45	0.46	0.47	0.47	0.47	0.48	2.69	6.28	10.8	20.1	29.9	40.2	50.5	60.5	70.0	78.7	86.3	92.5
110	14.2	16.2	18.8	22.1	26.1	30.8	36.2	42.3	49.0	56.4	67.9	79.7	91.8	104	115	126	137	146	154
115	54.6	68.5	81.9	94.6	107	119	130	140	150	159	169	178	186	193	200	205	210	214	217
120	149	164	178	191	203	214	225	234	242	250	256	261	265	268	271	273	274	275	275
125	280	286	292	297	302	307	311	315	318	322	324	327	329	331	332	333	334	334	334
130	365	366	367	368	369	370	371	373	374	375	377	379	381	383	385	387	388	389	390
135	430	428	427	426	425	424	423	423	423	423	424	426	427	429	431	432	434	435	436
140	477	475	473	471	470	469	468	467	467	467	467	468	469	470	471	472	473	474	475
145	513	512	511	510	510	509	509	508	508	508	508	508	508	509	509	509	510	510	510
150	545	544	544	543	542	542	542	541	541	541	541	542	542	542	543	543	544	544	544
155	572	571	571	570	570	569	569	569	569	569	569	570	570	571	572	572	573	574	574
160	595	594	594	594	594	594	593	593	593	594	594	594	594	595	595	595	596	596	596
165	612	611	611	611	611	611	611	611	611	612	612	612	613	613	613	614	614	615	615
170	623	623	623	623	624	624	624	624	624	624	625	625	625	625	626	626	626	627	627
175	631	631	631	631	631	631	631	631	631	631	632	632	632	632	632	632	632	632	632
180	632	632	633	633	634	634	634	634	635	635	635	635	635	635	635	635	635	635	635

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408
5	406	407	407	407	407	407	408	408	408	408	408	407	407	407	407	407	406	406	406
10	402	402	402	403	403	403	404	404	404	404	404	403	403	403	402	402	401	401	401
15	393	393	394	394	395	395	395	395	396	396	395	395	395	394	394	394	393	393	393
20	381	382	382	383	383	384	384	385	385	384	384	384	383	383	382	382	381	380	380
25	366	367	367	368	368	369	369	370	370	370	369	369	368	367	367	366	366	365	365
30	349	349	350	351	351	352	352	353	353	352	352	351	350	349	349	348	347	346	346
35	327	328	328	329	330	330	331	332	332	331	331	330	329	328	328	327	326	325	325
40	303	303	304	305	306	307	307	308	308	308	307	306	305	304	303	302	302	301	301
45	277	277	278	279	280	281	281	282	282	282	281	280	279	278	277	276	275	274	274
50	248	249	250	251	252	253	253	254	254	254	253	252	251	250	249	247	246	245	245
55	218	219	220	221	221	222	223	224	224	223	222	221	220	219	218	217	216	215	215
60	185	186	187	188	189	190	191	192	192	191	191	190	189	187	186	185	184	183	183
65	153	154	155	156	157	158	158	159	159	158	157	156	155	154	153	152	151	149	149
70	119	120	121	122	123	123	124	125	125	124	123	122	121	120	119	118	117	116	116
75	86.0	87.0	87.9	88.8	89.7	90.4	91.0	91.5	91.8	90.9	89.9	88.7	87.5	86.2	85.0	83.7	82.6	81.6	81.6
80	54.6	55.5	56.3	57.1	57.8	58.3	58.8	59.0	59.1	57.9	56.6	55.2	53.7	52.2	50.8	49.4	48.1	47.0	47.2
85	24.7	25.3	25.8	26.2	26.5	26.7	26.7	26.6	26.3	25.0	23.5	22.0	20.4	18.9	17.3	15.9	14.7	13.6	13.8
90	1.63	1.65	1.66	1.66	1.66	1.65	1.63	1.59	1.55	1.41	1.26	1.11	0.96	0.80	0.66	0.53	0.41	0.31	0.33
95	10.7	9.85	8.89	7.80	6.63	5.40	4.16	2.94	1.79	1.35	1.00	0.74	0.55	0.44	0.38	0.37	0.40	0.46	0.39
100	41.0	37.7	33.7	29.3	24.4	19.4	14.4	9.43	4.78	3.26	2.15	1.39	0.95	0.77	0.83	1.07	1.45	1.93	1.44
105	90.4	86.8	81.9	76.0	69.3	62.0	54.2	46.3	38.4	32.9	27.7	22.8	18.4	14.4	11.0	8.14	5.91	4.35	4.77
110	155	156	154	152	148	143	137	130	123	111	98.1	85.6	73.4	61.8	51.2	41.9	34.3	28.7	34.8
115	219	219	218	217	215	211	207	203	197	187	176	166	155	145	136	128	122	117	123
120	276	276	275	274	273	271	269	267	265	261	257	252	248	244	241	238	236	234	236
125	334	333	332	330	329	327	325	324	322	320	318	316	314	313	312	311	310	310	311
130	389	388	387	385	384	382	380	378	376	375	373	372	371	370	369	369	369	369	370
135	436	435	434	433	431	430	428	427	425	424	423	422	421	420	419	419	418	418	419
140	475	475	475	475	475	474	473	473	472	470	469	467	466	464	463	462	461	461	462
145	511	511	511	512	512	512	512	512	511	510	509	507	506	504	503	502	500	500	500
150	545	545	545	545	545	545	544	544	544	542	541	540	539	537	536	535	534	534	534
155	575	575	575	575	574	574	574	573	573	572	571	570	568	567	566	565	564	563	563
160	597	597	597	597	598	598	598	597	597	596	595	594	593	592	591	590	588	588	587
165	615	615	616	616	616	616	615	615	615	614	613	612	611	610	609	608	607	606	606
170	627	627	627	628	628	628	627	627	627	626	625	624	623	623	622	621	620	619	619
175	633	633	633	634	634	634	634	634	634	634	633	633	632	631	631	630	630	629	629
180	635	635	635	636	636	636	636	636	636	636	635	635	634	634	633	633	632	632	632

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408
5	406	406	407	407	407	407	407	407	407	407	407	406	406	406	406	406	405	405	405
10	401	401	401	401	402	402	402	402	402	402	402	401	401	401	401	401	401	400	400
15	393	393	393	393	393	393	393	393	393	393	393	392	392	392	392	392	392	391	391
20	380	380	380	380	381	381	381	381	381	380	380	380	380	380	379	379	379	379	378
25	365	365	365	365	365	365	365	365	365	365	365	365	365	365	364	364	364	363	363
30	346	346	346	347	347	347	347	347	347	347	347	347	346	346	346	346	345	345	344
35	325	325	325	325	325	326	326	326	326	326	326	326	325	325	325	325	324	324	323
40	301	301	301	301	301	301	302	302	302	302	302	301	301	301	301	300	300	299	298
45	274	274	274	274	274	275	275	275	275	275	275	275	275	275	275	274	274	273	272
50	245	245	245	246	246	246	246	247	247	247	247	247	247	247	247	246	246	245	244
55	215	215	215	215	216	216	216	217	217	217	217	217	216	216	216	216	215	214	213
60	183	183	183	184	184	184	184	185	185	185	185	185	185	185	184	184	184	182	181
65	149	150	150	150	150	151	151	151	152	152	152	152	152	151	151	151	150	149	148
70	116	116	116	116	117	117	118	118	118	118	118	118	118	118	118	117	117	116	114
75	81.8	82.1	82.5	83.0	83.5	84.0	84.6	85.0	85.2	85.3	85.4	85.4	85.3	85.1	84.8	84.5	84.0	83.0	81.9
80	47.6	48.2	48.9	49.6	50.4	51.3	52.1	52.9	53.2	53.5	53.6	53.7	53.7	53.5	53.3	53.0	52.5	51.4	50.3
85	14.3	14.9	15.7	16.5	17.5	18.5	19.5	20.5	21.2	21.8	22.3	22.8	23.1	23.3	23.4	23.3	23.0	21.9	20.5
90	0.36	0.42	0.49	0.57	0.66	0.76	0.87	0.97	1.04	1.12	1.18	1.25	1.31	1.36	1.42	1.46	1.50	1.53	1.56
95	0.35	0.33	0.36	0.43	0.54	0.71	0.92	1.20	1.90	2.64	3.39	4.14	4.86	5.52	6.11	6.61	6.98	6.59	6.09
100	1.03	0.75	0.63	0.70	1.01	1.57	2.44	3.64	7.40	11.4	15.5	19.6	23.5	27.2	30.4	33.1	35.2	33.0	30.1
105	5.87	7.62	9.97	12.9	16.3	20.2	24.6	29.3	36.7	44.1	51.5	58.7	65.3	71.3	76.3	80.3	82.9	77.8	71.5
110	42.9	52.7	63.7	75.6	88.0	101	113	125	131	136	141	144	146	147	147	146	144	138	131
115	130	139	149	160	171	182	193	204	208	211	213	214	215	214	213	212	210	208	206
120	240	243	248	252	257	261	266	270	272	273	274	275	275	275	275	274	273	273	273
125	314	316	319	321	324	327	329	331	332	332	332	331	331	330	329	329	328	329	330
130	372	374	375	377	379	381	383	385	385	385	385	384	384	383	382	382	381	382	382
135	421	422	424	426	428	430	431	433	433	433	434	434	434	433	433	433	433	433	433
140	463	465	466	468	470	472	474	475	476	476	476	476	476	476	475	475	475	475	475
145	501	502	504	505	506	508	509	511	511	511	512	512	512	512	512	512	512	512	512
150	534	535	536	537	538	539	540	541	541	542	542	543	543	544	544	544	545	544	544
155	564	564	564	565	565	566	566	567	567	567	568	568	568	568	568	569	569	569	569
160	587	587	587	587	587	588	588	588	588	588	588	588	587	587	587	587	587	587	588
165	606	605	605	605	605	605	606	606	606	605	605	605	605	605	605	605	605	605	606
170	619	619	619	619	620	620	620	620	620	619	619	619	618	618	618	618	618	618	619
175	629	629	629	629	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630
180	632	633	633	633	634	634	634	635	635	635	635	635	635	635	635	635	635	635	635

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:119.6V I:0.2140A P:25.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2822.69x1 lm																	
NAME: 2FT									TYPE:3500K 5.5						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.6*0.05						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	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408				
5	405	405	405	405	405	405	405	406	406	406	406	406	406	406	406				
10	400	400	400	400	400	399	399	399	400	400	400	400	400	400	400				
15	391	390	390	390	389	389	389	389	389	389	389	389	390	390	390				
20	378	377	377	377	376	376	376	376	376	376	376	377	377	378	378				
25	362	362	361	361	360	360	359	359	360	360	360	360	361	361	362				
30	343	343	342	341	341	340	340	340	340	341	341	342	342	343	344				
35	322	321	320	320	319	318	318	318	318	318	319	319	320	321	322				
40	297	296	295	295	294	293	293	293	293	293	294	295	295	296	298				
45	271	270	269	268	267	267	266	266	266	267	267	268	269	270	271				
50	243	242	240	239	238	238	237	237	237	238	238	239	240	241	243				
55	212	210	209	208	207	207	206	206	206	207	208	208	210	211	212				
60	180	179	177	176	175	174	174	174	174	174	175	176	177	179	180				
65	147	145	144	143	142	141	140	141	141	141	142	143	144	146	147				
70	113	112	111	110	109	108	107	107	108	108	109	110	111	112	113				
75	80.7	79.6	78.4	77.4	76.4	75.5	74.8	74.8	74.9	75.1	75.6	76.3	77.1	78.1	79.4				
80	49.1	47.9	46.6	45.5	44.3	43.3	42.5	42.2	42.1	42.2	42.4	42.8	43.4	44.1	45.0				
85	19.1	17.6	16.1	14.6	13.2	11.8	10.6	10.1	9.75	9.58	9.58	9.76	10.1	10.6	11.3				
90	1.58	1.58	1.59	1.58	1.56	1.53	1.49	1.43	1.36	1.28	1.18	1.08	0.96	0.83	0.70				
95	5.48	4.81	4.08	3.32	2.56	1.82	1.13	0.81	0.57	0.42	0.42	0.42	0.41	0.39	0.50				
100	26.7	22.9	18.8	14.5	10.3	6.21	2.38	0.72	0.25	0.27	0.29	0.31	0.33	0.35	0.37				
105	64.2	56.1	47.4	38.5	29.6	20.9	12.7	8.63	5.32	2.77	0.97	0.29	0.33	0.36	1.30				
110	122	114	104	94.5	84.6	74.7	65.0	57.9	51.2	44.8	38.8	33.2	27.9	23.0	18.4				
115	203	200	196	191	185	179	171	162	152	141	129	116	102	87.0	71.2				
120	272	271	269	266	263	259	253	246	237	228	217	206	193	179	165				
125	330	331	331	331	331	330	329	326	322	318	313	308	302	295	288				
130	383	384	384	384	385	385	385	384	382	381	379	377	374	371	369				
135	433	433	433	433	433	433	433	433	433	433	432	432	432	431	431				
140	475	475	476	476	476	476	476	477	477	477	477	477	477	477	477				
145	512	512	512	513	513	513	513	513	513	513	513	513	513	513	513				
150	544	544	544	544	543	543	543	543	543	543	544	544	544	544	545				
155	569	569	569	569	569	569	569	569	569	570	570	570	571	571	572				
160	588	588	589	589	589	590	590	591	591	592	592	593	593	594	594				
165	606	606	607	607	608	608	609	609	609	610	610	610	611	611	611				
170	619	620	621	621	622	623	623	624	624	624	624	624	624	624	624				
175	631	631	632	632	633	633	633	633	633	633	633	633	632	632	631				
180	635	636	636	636	636	636	636	636	636	636	635	635	634	633	633				

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: