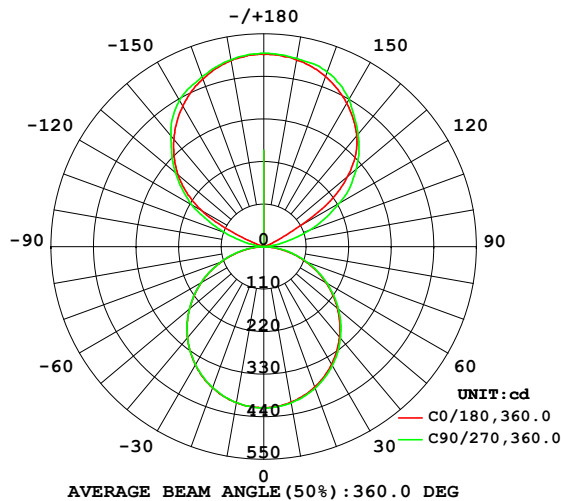


LUMINAIRE PHOTOMETRIC TEST REPORT

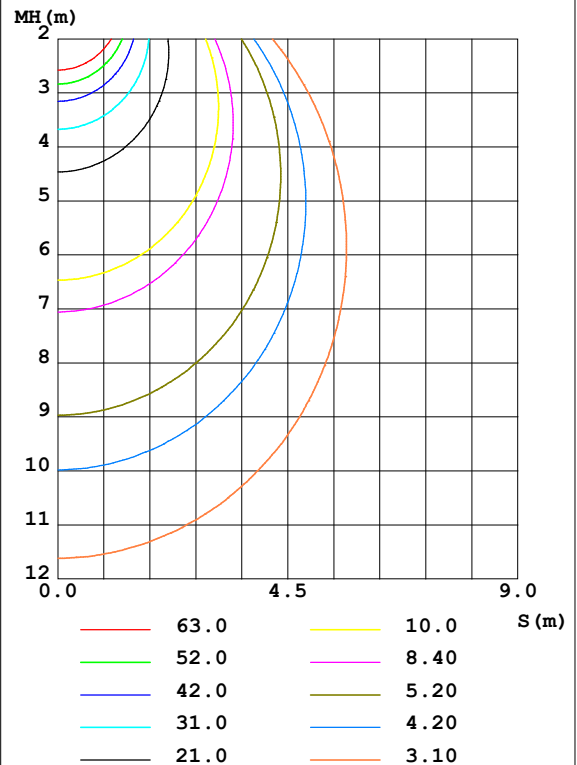
Test:U:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.85 lm/W			
MODEL		I _{max} (cd)	501.1	S/MH(C0/180)	1.25
NOMINAL POWER(W)	25W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2505.8	η UP,DN(C0-180)	26.1,24.3
NOMINAL FLUX(lm)	2505.79	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.8,23.8
LAMPS INSIDE	1	η up(%)	51.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	48.1	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:

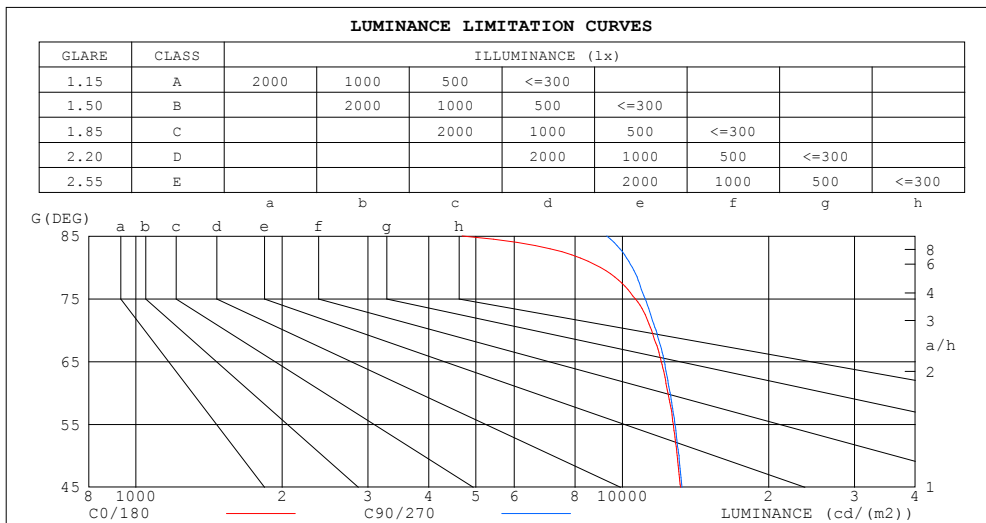
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	408.3	408.9	410.1	412.2	409.8	409.3	409.3	407.9	0- 10	39.43	39.43	1.57,1.57
20	386.3	387.7	389.4	392.4	388.1	388.6	387.5	383.7	10- 20	113.0	152.4	6.08,6.08
30	351.4	353.2	354.9	359.8	354.0	354.1	352.9	347.5	20- 30	171.5	324.0	12.9,12.9
40	305.0	307.2	308.5	314.8	307.1	308.3	307.0	299.1	30- 40	207.3	531.3	21.2,21.2
50	249.2	250.5	252.6	259.6	250.6	251.8	251.1	241.8	40- 50	215.9	747.2	29.8,29.8
60	185.4	185.3	188.3	196.2	186.9	188.3	188.1	177.5	50- 60	196.1	943.4	37.6,37.6
70	117.3	116.0	120.5	127.3	118.2	120.5	119.5	109.5	60- 70	151.2	1095	43.7,43.7
80	46.77	49.52	54.72	60.05	48.05	54.11	53.87	43.30	70- 80	89.25	1184	47.2,47.2
90	0.5213	1.457	1.514	1.433	0.2624	0.9321	1.323	1.355	80- 90	22.68	1206	48.1,48.1
100	1.467	2.342	37.30	3.839	1.573	2.846	24.68	1.906	90-100	3.817	1210	48.3,48.3
110	9.203	37.83	127.2	101.9	20.20	97.90	107.6	46.71	100-110	32.21	1243	49.6,49.6
120	108.3	196.7	225.4	211.0	184.2	210.7	214.6	195.7	110-120	130.5	1373	54.8,54.8
130	283.4	299.7	312.7	300.3	289.6	302.6	298.5	304.1	120-130	224.1	1597	63.7,63.7
140	374.2	372.9	379.4	380.8	362.0	380.1	373.7	382.5	130-140	261.9	1859	74.2,74.2
150	428.7	435.8	440.9	438.6	419.7	427.9	436.8	430.7	140-150	254.3	2113	84.3,84.3
160	468.0	474.0	480.5	471.5	461.6	466.2	467.8	469.4	150-160	209.0	2322	92.7,92.7
170	490.4	489.7	493.8	493.6	488.3	490.7	490.4	493.5	160-170	136.2	2459	98.1,98.1
180	496.8	498.5	499.6	500.2	496.8	498.5	499.6	500.2	170-180	47.26	2506	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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 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	4685	9289
80	9015	10489
75	10626	11138
70	11479	11726
65	12028	12210
60	12412	12538
55	12724	12835
50	12975	13078
45	13176	13263

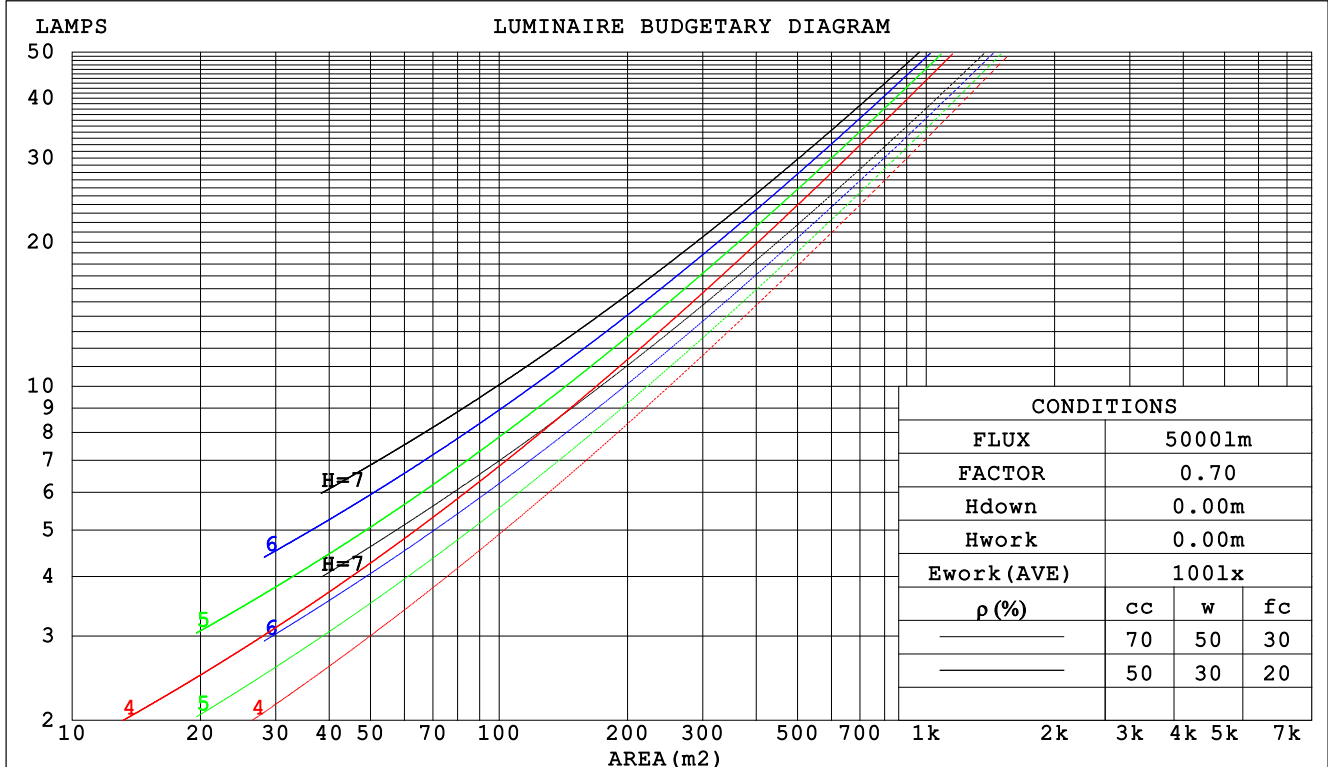
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.07	1.07	1.07	.98	.98	.98	.82	.82	.82	.68	.68	.68	.54	.54	.54	.48
1.0	.93	.89	.85	.86	.82	.79	.72	.69	.67	.59	.58	.56	.48	.47	.46	.40
2.0	.81	.75	.69	.75	.69	.65	.63	.59	.55	.52	.49	.46	.42	.40	.38	.33
3.0	.71	.63	.57	.65	.59	.54	.55	.50	.46	.46	.42	.39	.37	.34	.32	.28
4.0	.63	.54	.48	.58	.51	.45	.49	.43	.39	.41	.37	.33	.33	.30	.28	.24
5.0	.56	.47	.41	.51	.44	.39	.44	.38	.34	.36	.32	.29	.29	.26	.24	.21
6.0	.50	.42	.36	.46	.39	.34	.39	.33	.29	.33	.28	.25	.27	.23	.21	.18
7.0	.45	.37	.31	.42	.34	.29	.35	.30	.26	.30	.25	.22	.24	.21	.18	.16
8.0	.41	.33	.27	.38	.31	.26	.32	.27	.23	.27	.23	.20	.22	.19	.16	.14
9.0	.37	.30	.24	.34	.28	.23	.30	.24	.20	.25	.21	.18	.20	.17	.15	.13
10.0	.34	.27	.22	.32	.25	.21	.27	.22	.18	.23	.19	.16	.19	.16	.13	.11



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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm					
NAME: 2FT			TYPE:3000K 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	.284	.161	.051	.261	.149	.047	.219	.125	.040	.180	.104	.033	.144	.083	.027		
2.0	.264	.145	.044	.244	.134	.041	.205	.114	.035	.169	.095	.030	.136	.077	.024		
3.0	.244	.130	.039	.225	.121	.036	.190	.103	.031	.157	.086	.026	.127	.070	.022		
4.0	.226	.117	.034	.208	.109	.032	.176	.093	.028	.146	.078	.024	.118	.064	.019		
5.0	.209	.106	.031	.193	.099	.029	.163	.085	.025	.135	.071	.021	.109	.058	.018		
6.0	.194	.097	.028	.180	.091	.026	.152	.078	.023	.126	.065	.019	.102	.054	.016		
7.0	.181	.090	.025	.168	.083	.024	.142	.072	.021	.118	.060	.018	.095	.049	.015		
8.0	.169	.083	.023	.157	.077	.022	.133	.066	.019	.110	.056	.016	.089	.046	.013		
9.0	.159	.077	.021	.147	.072	.020	.125	.062	.018	.104	.052	.015	.084	.043	.012		
10.0	.150	.072	.020	.139	.067	.019	.118	.058	.016	.098	.049	.014	.079	.040	.011		

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	.586	.586	.586	.500	.500	.500	.342	.342	.342	.196	.196	.196	.063	.063	.063	
1.0	.577	.555	.535	.494	.476	.460	.338	.328	.318	.194	.190	.185	.062	.061	.060	
2.0	.570	.533	.502	.488	.459	.434	.334	.317	.303	.193	.185	.178	.062	.060	.058	
3.0	.563	.517	.481	.482	.446	.417	.331	.310	.293	.191	.181	.172	.061	.059	.056	
4.0	.556	.505	.467	.477	.437	.405	.328	.304	.286	.190	.178	.169	.061	.058	.056	
5.0	.549	.496	.457	.472	.429	.397	.325	.300	.281	.188	.176	.166	.061	.057	.055	
6.0	.543	.489	.450	.467	.423	.391	.322	.296	.277	.187	.174	.165	.060	.057	.054	
7.0	.537	.483	.444	.462	.418	.387	.319	.293	.274	.186	.173	.163	.060	.057	.054	
8.0	.532	.477	.440	.458	.414	.384	.317	.291	.272	.184	.172	.162	.060	.056	.054	
9.0	.526	.473	.437	.453	.411	.381	.314	.289	.271	.183	.170	.161	.059	.056	.053	
10.0	.521	.469	.435	.449	.407	.379	.312	.287	.269	.182	.169	.161	.059	.056	.053	

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm										
NAME: 2FT					TYPE:3000K 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	18.3	19.2	19.2	20.1	21.2	18.3	19.3	19.2	20.1	21.3
3H	19.7	20.6	20.6	21.5	22.6	19.8	20.6	20.7	21.5	22.7
4H	20.3	21.1	21.2	22.0	23.2	20.4	21.2	21.3	22.1	23.3
6H	20.6	21.4	21.6	22.3	23.5	20.8	21.5	21.7	22.5	23.7
8H	20.7	21.4	21.6	22.3	23.6	20.9	21.6	21.9	22.6	23.8
12H	20.7	21.3	21.6	22.3	23.5	21.0	21.7	22.0	22.6	23.9
4H 2H	18.7	19.5	19.7	20.4	21.6	18.8	19.5	19.7	20.5	21.6
3H	20.3	21.0	21.3	21.9	23.2	20.4	21.0	21.3	22.0	23.2
4H	21.0	21.6	22.0	22.5	23.8	21.1	21.7	22.0	22.6	23.9
6H	21.4	22.0	22.4	22.9	24.2	21.6	22.1	22.6	23.1	24.4
8H	21.5	22.0	22.5	23.0	24.3	21.8	22.3	22.8	23.3	24.6
12H	21.5	22.0	22.5	23.0	24.3	21.9	22.3	22.9	23.3	24.6
8H 4H	21.1	21.6	22.1	22.6	23.9	21.2	21.7	22.2	22.7	24.0
6H	21.7	22.1	22.7	23.1	24.4	21.9	22.3	22.9	23.3	24.6
8H	21.9	22.2	22.9	23.2	24.6	22.1	22.5	23.2	23.5	24.8
12H	21.9	22.2	23.0	23.2	24.6	22.3	22.6	23.4	23.6	25.0
12H 4H	21.1	21.5	22.1	22.5	23.8	21.2	21.6	22.2	22.6	23.9
6H	21.7	22.1	22.7	23.1	24.4	21.9	22.2	22.9	23.2	24.6
8H	21.9	22.2	23.0	23.2	24.6	22.2	22.5	23.2	23.5	24.9
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 2506 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.2)

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

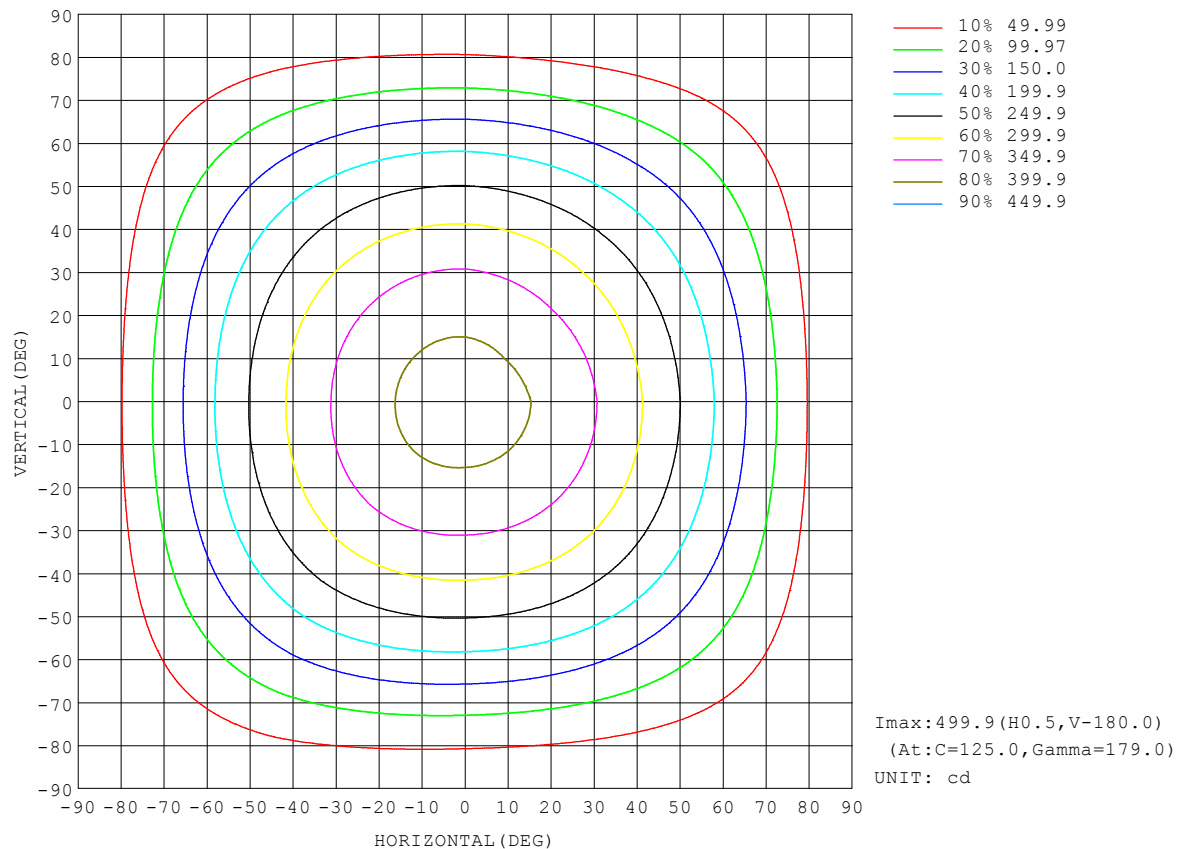
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	33	26	41	31	25	36	28	23	15
0.80	53	42	35	49	39	33	43	35	30	20
1.00	61	49	42	57	47	40	49	42	36	24
1.25	68	57	49	63	53	47	54	47	42	27
1.50	73	62	55	67	58	52	58	51	46	30
2.00	80	71	64	74	66	60	63	57	53	33
2.50	84	76	69	78	71	65	66	61	57	35
3.00	88	80	74	81	75	69	69	64	60	37
4.00	92	86	81	85	80	75	72	68	65	40
5.00	95	90	85	87	83	79	74	71	68	41
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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

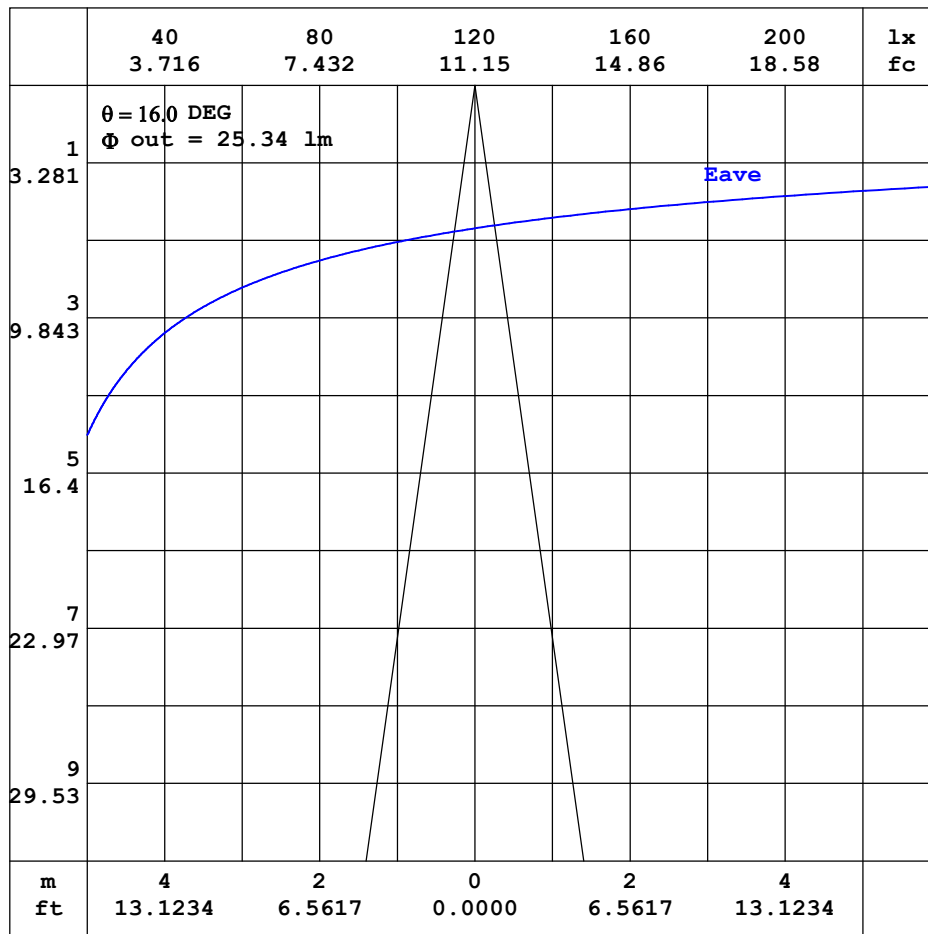


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date:

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



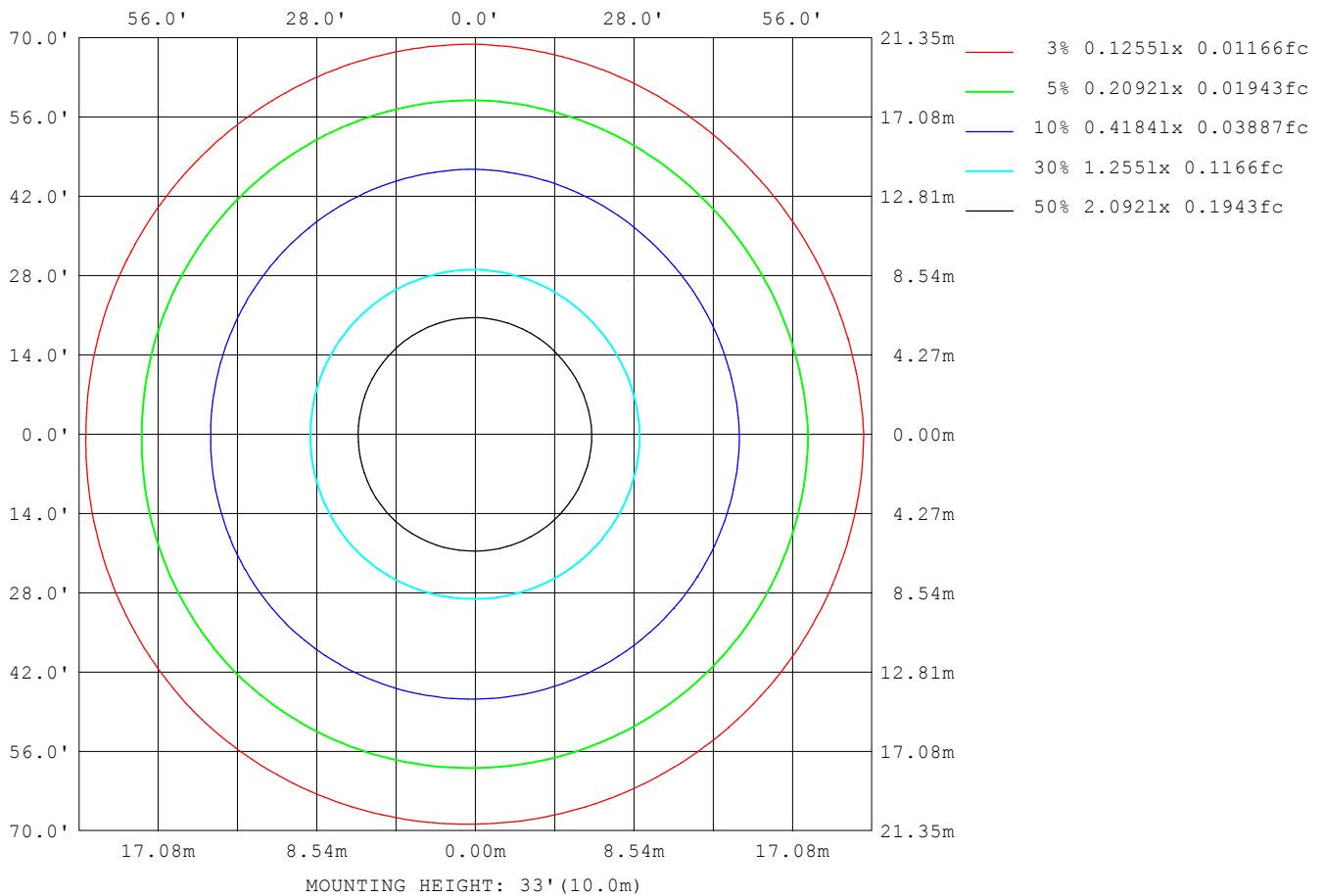
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

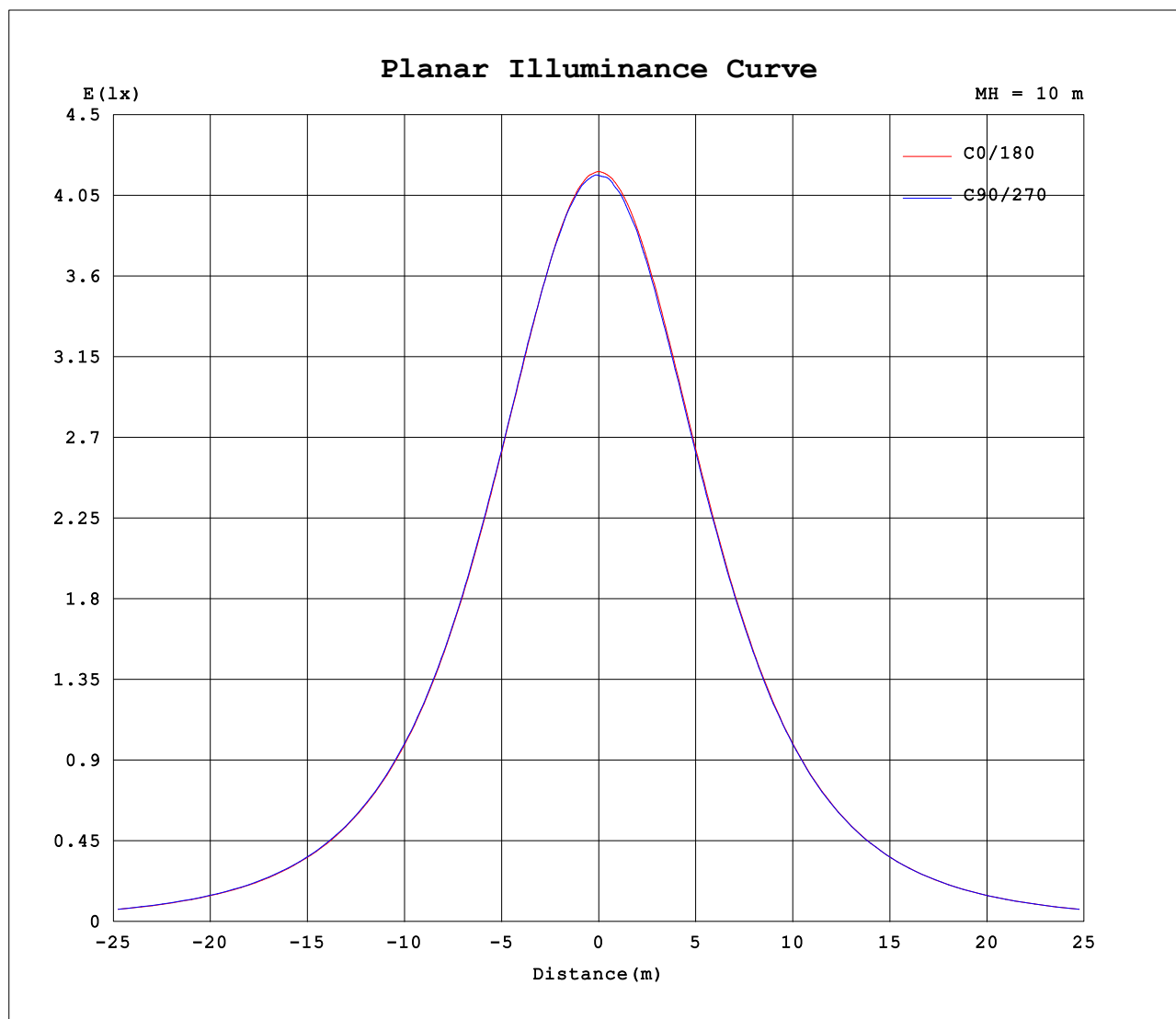
AvgL	cd/m2
L_0~180 (65) av	12043
L_0~180 (75) av	10666
L_0~180 (85) av	4993
L_90~270 (65) av	12205
L_90~270 (75) av	11115
L_90~270 (85) av	9171
L_45 (65) av	12060
L_45 (75) av	10907
L_45 (85) av	7223

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 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	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417
5	414	414	414	414	414	414	414	415	415	415	415	415	415	415	415	415	416	416	416
10	408	408	408	408	408	409	409	409	409	409	409	409	409	409	409	410	410	410	410
15	399	399	399	399	399	400	400	400	400	400	400	400	400	401	401	401	401	401	401
20	386	386	387	387	387	387	387	387	388	388	388	388	388	388	389	389	389	389	389
25	371	371	371	371	371	371	372	372	372	372	372	372	372	373	373	373	373	373	374
30	351	352	352	352	352	352	353	353	353	353	353	353	354	354	354	354	354	355	355
35	329	330	330	330	330	331	331	331	331	331	332	332	332	332	332	332	333	333	333
40	305	305	306	306	306	306	307	307	307	307	307	307	307	308	308	308	308	308	308
45	278	279	279	279	279	279	280	280	280	280	280	280	281	281	281	281	281	281	282
50	249	249	249	250	250	250	250	250	250	251	251	251	251	251	251	252	252	252	253
55	218	218	218	218	218	218	218	219	219	219	219	219	219	219	220	220	220	221	221
60	185	185	185	185	185	185	185	185	185	185	185	186	186	186	186	187	187	188	188
65	152	152	151	151	151	151	151	151	151	151	151	151	152	152	153	153	154	154	155
70	117	117	117	116	116	116	116	116	116	116	116	117	117	118	118	119	119	120	121
75	82.2	82.0	81.9	81.9	81.9	81.9	82.0	82.1	82.3	82.5	82.8	83.2	83.5	84.0	84.4	84.9	85.4	86.0	86.6
80	46.8	47.0	47.2	47.4	47.7	48.0	48.3	48.7	49.1	49.5	50.0	50.5	51.1	51.7	52.3	52.9	53.5	54.1	54.7
85	12.2	12.6	13.1	13.6	14.1	14.6	15.2	15.8	16.4	17.1	17.9	18.8	19.6	20.4	21.3	22.1	22.9	23.6	24.3
90	0.52	0.67	0.80	0.93	1.05	1.15	1.24	1.32	1.40	1.46	1.49	1.52	1.54	1.55	1.55	1.55	1.54	1.53	1.51
95	0.65	0.48	0.55	0.60	0.65	0.69	0.72	0.74	0.92	1.39	2.41	3.49	4.60	5.71	6.78	7.77	8.66	9.41	9.98
100	1.47	0.47	0.49	0.51	0.53	0.54	0.55	0.55	0.57	2.34	6.41	10.8	15.3	19.7	24.1	28.2	31.8	34.9	37.3
105	2.71	0.53	0.54	0.54	0.55	0.55	0.56	0.78	3.71	7.45	15.3	23.8	32.5	41.3	49.9	58.1	65.5	72.0	77.3
110	9.20	9.40	10.3	12.0	14.4	17.6	21.5	26.2	31.7	37.8	48.0	58.6	69.5	80.5	91.2	101	111	120	127
115	35.8	48.5	60.6	72.2	83.2	93.6	103	113	121	130	137	145	151	157	163	167	171	174	177
120	108	121	133	144	155	165	174	182	190	197	203	208	212	216	219	221	223	225	225
125	217	222	226	231	235	239	243	247	250	253	257	260	263	266	268	270	272	273	274
130	283	285	287	289	291	293	295	296	298	300	302	304	305	307	309	310	311	312	313
135	336	336	335	335	336	336	336	336	337	338	339	340	341	343	344	345	346	347	348
140	374	374	373	373	373	372	372	372	373	373	373	374	375	376	376	377	378	379	379
145	404	405	405	406	407	407	408	408	408	409	409	409	409	409	409	409	409	409	409
150	429	430	430	431	432	433	434	434	435	436	437	437	438	439	439	440	440	441	441
155	450	451	452	453	454	455	455	456	457	458	459	460	461	461	462	463	463	464	464
160	468	469	469	470	471	471	472	473	473	474	475	476	477	478	479	479	480	480	481
165	481	481	481	481	481	481	481	481	482	482	483	484	485	486	487	488	489	489	490
170	490	490	490	490	489	489	489	489	490	490	490	491	491	491	492	492	493	493	494
175	496	496	496	496	495	495	495	495	495	495	496	496	496	496	497	497	497	498	498
180	497	497	497	497	498	498	498	498	498	498	499	499	499	499	499	499	499	499	500

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 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	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417
5	416	416	416	416	416	416	416	416	416	416	416	416	416	415	415	415	415	415	415
10	410	411	411	411	412	412	412	412	412	412	412	412	411	411	411	410	410	410	410
15	402	402	402	403	403	404	404	404	404	404	404	403	403	402	402	402	401	401	401
20	390	390	391	391	391	392	392	392	392	392	392	391	391	390	390	389	389	388	388
25	374	375	375	376	376	377	377	378	378	377	377	376	376	375	374	374	373	373	372
30	356	356	357	358	358	359	359	360	360	359	359	358	358	357	356	355	355	354	354
35	334	335	335	336	337	337	338	338	338	338	337	337	336	335	334	333	332	332	331
40	309	310	311	312	313	313	314	314	315	314	313	313	312	311	310	309	308	307	307
45	283	284	284	285	286	287	288	288	288	288	287	286	285	284	283	282	281	280	280
50	253	254	255	256	257	258	259	259	260	259	258	257	256	255	254	253	252	251	251
55	222	223	224	225	226	227	228	228	229	228	227	226	225	224	223	222	220	219	219
60	189	190	192	193	194	194	195	196	196	195	195	194	193	191	190	189	188	187	187
65	156	157	158	159	160	161	162	162	163	162	161	160	159	158	157	156	154	153	153
70	121	122	123	124	125	126	127	127	127	126	125	124	122	121	120	119	118	118	
75	87.6	88.6	89.6	90.5	91.4	92.1	92.7	93.2	93.5	92.7	91.7	90.5	89.3	88.1	86.8	85.6	84.5	83.5	83.5
80	55.6	56.5	57.3	58.1	58.8	59.3	59.8	60.0	60.0	58.9	57.6	56.2	54.7	53.2	51.8	50.4	49.1	48.0	48.3
85	25.0	25.6	26.2	26.6	26.9	27.1	27.1	27.0	26.7	25.4	23.9	22.4	20.8	19.2	17.7	16.2	15.0	13.9	14.2
90	1.53	1.54	1.55	1.55	1.55	1.53	1.51	1.48	1.43	1.30	1.16	1.02	0.87	0.73	0.59	0.47	0.35	0.26	0.28
95	9.45	8.74	7.89	6.93	5.89	4.81	3.71	2.64	1.62	1.22	0.91	0.66	0.57	0.47	0.38	0.29	0.32	0.37	0.34
100	35.1	32.3	28.9	25.0	20.8	16.5	12.1	7.84	3.84	2.55	1.61	0.98	0.62	0.50	0.57	0.80	1.15	1.57	1.23
105	75.2	71.9	67.5	62.1	56.1	49.6	42.8	35.9	29.1	24.7	20.7	17.0	13.7	10.7	8.21	6.13	4.52	3.40	3.47
110	129	129	129	127	124	120	114	109	102	91.6	80.9	70.1	59.6	49.5	40.3	32.1	25.3	20.2	25.1
115	178	178	178	177	175	172	169	165	160	151	142	133	124	115	107	99.7	93.8	89.4	94.1
120	225	225	224	222	221	219	216	214	211	207	204	200	197	193	190	188	186	184	186
125	273	272	271	269	267	265	263	260	258	256	253	251	250	248	246	245	244	243	244
130	312	311	310	309	307	306	304	302	300	299	297	295	294	293	292	291	290	290	291
135	348	347	347	346	345	344	343	342	340	339	337	335	333	332	331	330	329	328	330
140	380	381	381	382	382	382	382	381	381	379	376	374	371	369	367	365	363	362	363
145	410	410	411	412	412	413	413	413	412	410	408	405	403	400	398	396	394	392	393
150	441	441	441	441	441	441	440	440	439	437	434	432	430	427	425	423	421	420	420
155	464	464	464	463	463	462	461	460	459	457	455	453	451	449	447	446	444	443	443
160	480	479	479	478	477	475	474	473	472	470	469	468	466	465	464	463	462	462	462
165	490	489	489	488	487	486	485	484	484	483	482	481	480	479	479	478	477	477	477
170	494	494	494	494	494	494	494	494	494	493	492	492	491	490	490	489	489	488	488
175	498	498	499	499	499	499	499	499	499	498	498	498	497	497	497	496	496	496	495
180	500	500	500	500	500	500	500	500	500	500	499	499	499	498	498	497	497	497	497

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm		
NAME: 2FT	TYPE:3000K 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	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417
5	415	415	415	415	415	415	415	415	415	415	415	415	415	415	415	415	415	415	415
10	410	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409
15	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	400	400	400	400
20	388	388	388	388	388	388	389	389	389	389	389	388	388	388	388	388	388	387	387
25	372	372	373	373	373	373	373	373	373	373	373	373	373	372	372	372	372	371	370
30	354	354	354	354	354	354	354	354	354	354	354	354	354	354	353	353	353	352	352
35	331	331	331	331	332	332	332	332	332	332	332	332	332	332	332	332	332	331	330
40	307	307	307	307	308	308	308	308	308	308	308	308	308	308	308	307	307	306	305
45	280	280	280	280	280	281	281	281	281	281	281	281	281	281	281	281	280	279	278
50	250	251	251	251	251	251	252	252	252	252	252	252	252	252	252	251	251	250	249
55	219	219	219	220	220	220	220	221	221	221	221	221	221	221	221	221	221	219	218
60	187	187	187	187	187	188	188	188	189	189	189	189	189	189	189	188	188	187	186
65	153	153	153	154	154	154	154	155	155	155	155	155	155	155	155	155	154	153	152
70	118	118	119	119	119	120	120	120	121	121	121	121	121	121	120	120	120	118	117
75	83.6	83.9	84.2	84.6	85.1	85.6	86.1	86.6	86.8	87.0	87.1	87.1	87.1	86.9	86.7	86.4	86.0	84.9	83.7
80	48.7	49.3	50.0	50.7	51.6	52.4	53.3	54.1	54.5	54.7	54.9	55.0	55.0	54.9	54.7	54.3	53.9	52.8	51.6
85	14.6	15.3	16.1	17.0	17.9	19.0	20.0	21.0	21.7	22.4	22.9	23.4	23.7	23.9	24.0	23.9	23.6	22.4	21.1
90	0.33	0.39	0.46	0.54	0.63	0.73	0.83	0.93	0.99	1.05	1.10	1.15	1.19	1.23	1.26	1.30	1.32	1.35	1.38
95	0.33	0.35	0.40	0.48	0.59	0.72	0.89	1.10	1.52	1.97	2.43	2.88	3.31	3.71	4.06	4.35	4.57	4.33	4.02
100	0.95	0.77	0.70	0.76	0.98	1.39	2.00	2.85	5.44	8.21	11.0	13.9	16.6	19.1	21.4	23.3	24.7	23.1	21.1
105	4.04	5.09	6.58	8.50	10.8	13.5	16.6	20.0	25.6	31.3	37.1	42.6	47.8	52.5	56.5	59.7	61.8	57.9	53.1
110	31.7	39.6	48.5	58.2	68.3	78.5	88.4	97.9	102	106	109	111	112	112	112	110	108	103	96.9
115	100	107	116	124	133	142	151	159	162	163	165	165	165	164	163	161	159	158	156
120	188	191	194	197	201	204	207	211	212	214	214	215	216	216	216	215	215	214	214
125	245	247	248	250	252	254	255	257	257	258	258	258	258	258	257	257	257	257	258
130	292	293	295	296	298	300	301	303	302	302	302	301	301	300	300	299	299	299	300
135	331	333	336	338	340	342	344	346	345	344	343	342	341	340	339	337	337	338	339
140	365	367	369	371	374	376	378	380	380	379	379	378	377	376	375	374	374	375	375
145	394	396	398	400	402	404	406	408	408	409	409	410	410	410	410	410	410	410	410
150	420	421	422	423	424	425	426	428	429	430	432	433	434	435	436	436	437	437	436
155	443	443	444	444	445	446	447	448	449	450	450	451	452	452	453	453	454	454	454
160	462	462	463	463	464	465	466	466	467	467	467	467	467	467	467	468	468	468	468
165	477	478	478	479	479	480	480	481	481	481	481	481	481	481	481	480	481	481	481
170	489	489	489	489	490	490	490	491	491	491	491	491	491	490	490	490	490	491	491
175	495	495	495	495	495	495	495	496	496	496	496	496	497	497	497	497	497	498	498
180	497	497	497	497	498	498	498	498	499	499	499	499	499	499	499	499	500	500	500

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:120.2V I:0.2240A P:26.70W PF:0.9900 Freq:60.00Hz Lamp Flux:2505.79x1 lm																	
NAME: 2FT									TYPE:3000K 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	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417				
5	415	414	414	414	414	414	414	414	414	414	414	414	414	414	414				
10	409	409	409	408	408	408	408	408	408	408	408	408	408	408	408				
15	399	399	398	398	398	397	397	397	397	397	397	397	398	398	398				
20	386	386	385	385	384	384	384	384	384	384	384	384	385	385	386				
25	370	369	369	368	368	367	367	367	367	367	368	368	369	369	370				
30	351	350	350	349	348	348	347	347	348	348	348	349	349	350	350				
35	329	328	328	327	326	325	325	325	325	325	325	326	327	327	328				
40	304	303	302	301	300	300	299	299	299	300	300	301	302	303	304				
45	277	276	275	274	273	272	271	271	272	272	272	273	274	275	277				
50	248	246	245	244	243	242	242	242	242	242	243	244	245	246	248				
55	217	216	214	213	212	211	210	210	211	211	212	213	214	215	216				
60	184	183	182	180	179	178	177	177	178	178	179	180	181	182	184				
65	150	149	148	146	145	144	143	143	144	144	145	146	147	148	150				
70	116	115	113	112	111	110	109	109	110	110	111	112	113	114	116				
75	82.5	81.3	80.0	78.9	77.8	76.9	76.1	76.0	76.1	76.4	76.9	77.5	78.4	79.5	80.7				
80	50.3	49.0	47.7	46.5	45.3	44.2	43.3	43.0	42.9	42.9	43.1	43.5	44.1	44.8	45.7				
85	19.6	18.0	16.5	14.9	13.4	12.0	10.7	10.2	9.82	9.63	9.62	9.78	10.1	10.6	11.3				
90	1.40	1.41	1.42	1.42	1.41	1.39	1.36	1.31	1.24	1.17	1.09	1.00	0.89	0.78	0.66				
95	3.65	3.24	2.79	2.33	1.86	1.41	0.98	0.78	0.63	0.51	0.46	0.45	0.45	0.44	0.53				
100	18.8	16.1	13.3	10.3	7.40	4.56	1.91	0.75	0.26	0.29	0.31	0.34	0.36	0.39	0.42				
105	47.4	41.2	34.6	27.7	20.9	14.3	8.07	5.08	2.69	0.90	0.30	0.33	0.38	0.42	0.92				
110	90.6	83.7	76.5	69.1	61.6	54.1	46.7	41.4	36.3	31.6	27.1	22.9	19.1	15.5	12.2				
115	155	153	150	146	142	137	132	125	116	107	97.5	86.9	75.3	63.0	49.8				
120	213	212	210	207	204	200	196	189	182	174	165	155	145	134	121				
125	258	258	258	257	257	256	254	252	249	246	242	238	233	228	223				
130	301	302	303	303	304	304	304	303	302	300	298	296	293	290	287				
135	340	341	343	344	345	346	347	347	346	346	345	343	342	340	338				
140	377	378	379	380	381	382	382	382	382	382	381	380	379	377	376				
145	410	410	410	410	410	410	410	409	409	408	408	407	406	405	405				
150	436	435	434	433	432	432	431	430	430	430	429	429	429	429	429				
155	453	453	453	452	452	452	451	451	451	451	451	450	450	450	450				
160	468	469	469	469	469	469	469	469	469	469	469	469	469	469	468				
165	481	482	482	482	483	483	483	483	483	483	483	483	482	482	482				
170	492	492	492	493	493	493	494	493	493	493	493	493	492	492	491				
175	498	498	498	499	499	499	499	499	498	498	498	498	497	497	497				
180	500	500	500	500	500	500	500	500	500	499	499	499	498	498	497				

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: