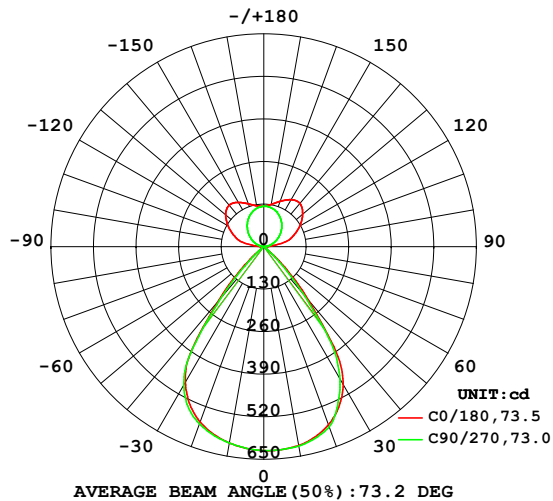


LUMINAIRE PHOTOMETRIC TEST REPORT

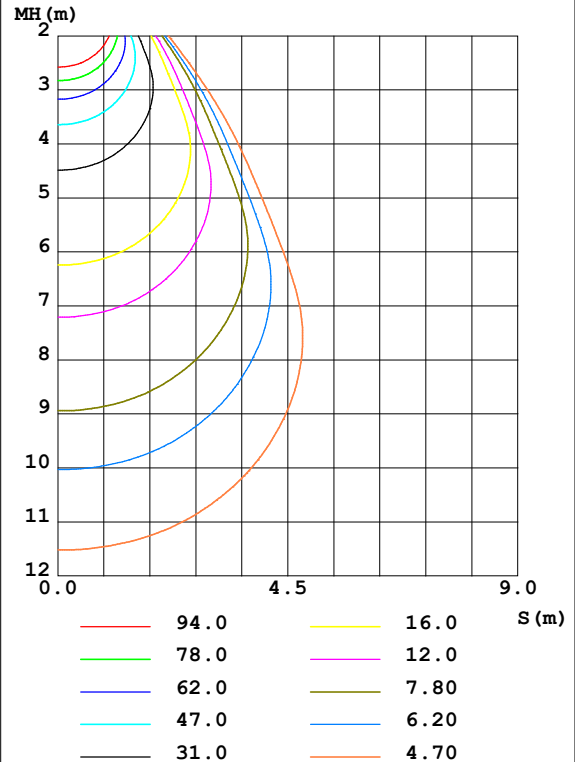
Test:U:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.83 lm/W			
MODEL		I _{max} (cd)	623.9	S/MH(C0/180)	1.06
NOMINAL POWER(W)	12W	LOR(%)	100.0	S/MH(C90/270)	1.06
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1376.5	η UP,DN(C0-180)	20.0,30.8
NOMINAL FLUX(lm)	1376.49	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	18.8,30.4
LAMPS INSIDE	1	η up(%)	38.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	61.2	CIBSE SHR MAX	1.25

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:

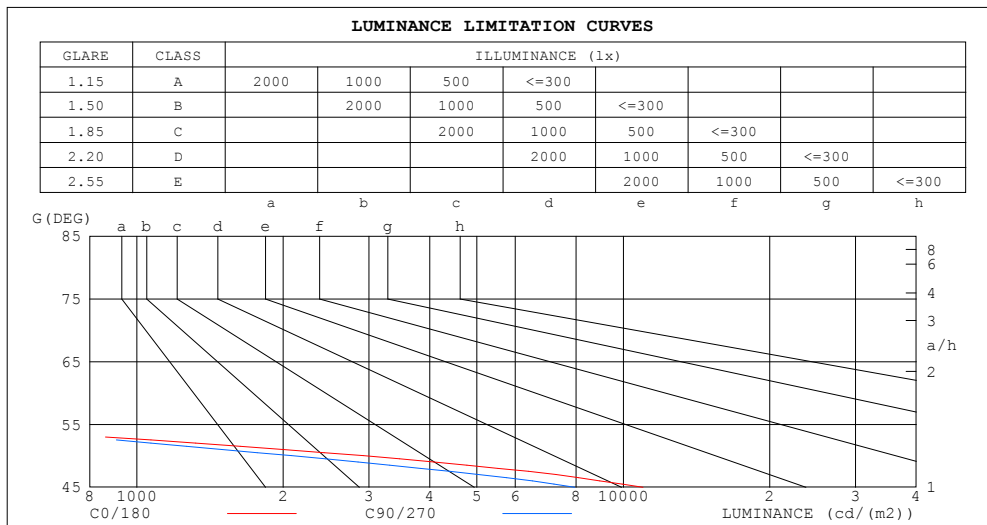
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	616.6	618.2	618.5	615.0	608.9	607.2	609.3	609.8	0- 10	58.98	58.98	4.28,4.28
20	579.1	584.8	585.8	583.3	570.0	568.9	576.0	571.7	10- 20	168.9	227.9	16.6,16.6
30	485.6	496.4	466.5	499.7	479.3	489.3	489.2	484.3	20- 30	247.9	475.8	34.6,34.6
40	210.8	308.4	184.7	329.8	214.4	329.0	198.0	304.3	30- 40	240.2	716.0	52,52
50	24.39	60.72	17.39	79.15	25.39	82.46	13.99	51.15	40- 50	109.3	825.3	60,60
60	1.279	4.607	2.282	8.785	1.307	6.503	1.397	2.412	50- 60	15.00	840.3	61,61
70	0.6640	1.169	1.292	1.145	0.6825	0.7777	0.9199	0.7728	60- 70	1.535	841.8	61.2,61.2
80	0.2473	0.5348	0.6205	0.5809	0.2758	0.4580	0.5760	0.4386	70- 80	0.7312	842.5	61.2,61.2
90	2.565	1.942	0	6.787	2.300	3.233	0.0000	0.2227	80- 90	0.4660	843.0	61.2,61.2
100	47.16	46.06	11.60	51.08	53.21	46.09	6.884	40.12	90-100	19.82	862.8	62.7,62.7
110	95.69	76.20	30.25	79.90	95.51	73.50	23.89	69.01	100-110	56.75	919.6	66.8,66.8
120	127.3	105.5	49.35	106.2	126.0	99.06	42.04	97.04	110-120	80.32	999.9	72.6,72.6
130	155.6	127.7	68.30	123.8	152.8	116.2	60.82	118.2	120-130	94.06	1094	79.5,79.5
140	172.5	137.6	86.20	130.3	165.5	122.7	79.10	128.1	130-140	94.25	1188	86.3,86.3
150	166.0	138.1	102.0	129.9	156.6	123.2	96.45	129.7	140-150	80.99	1269	92.2,92.2
160	147.7	133.9	114.3	127.1	139.5	122.3	110.3	127.5	150-160	59.61	1329	96.5,96.5
170	131.2	128.4	122.0	124.7	127.3	122.3	119.9	124.8	160-170	35.80	1365	99.1,99.1
180	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	170-180	11.88	1376	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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	94	349
80	110	275
75	130	271
70	149	291
65	166	314
60	197	351
55	357	463
50	2919	2081
45	10981	7951

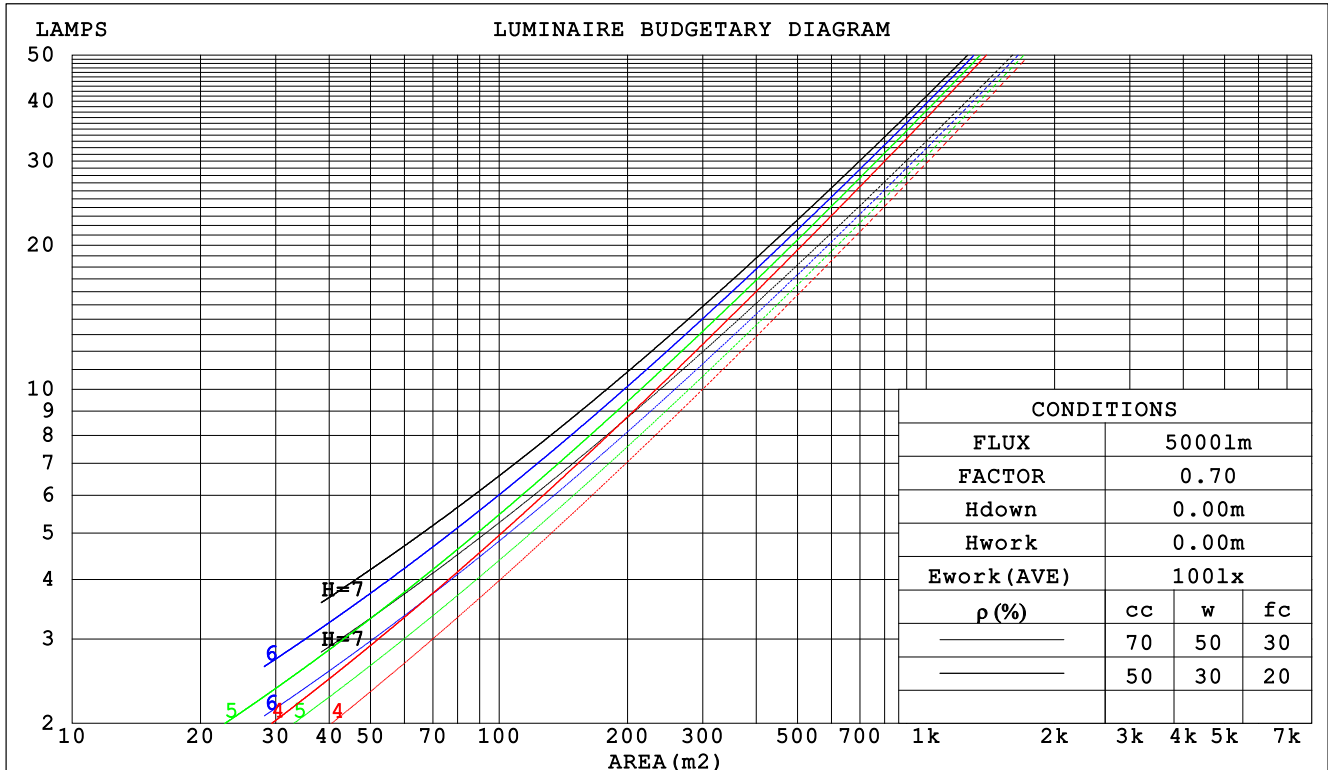
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	1.10	1.10	1.10	1.03	1.03	1.03	.90	.90	.90	.78	.78	.78	.66	.66	.66	.61
1.0	.99	.96	.94	.93	.91	.88	.82	.80	.79	.72	.71	.70	.63	.62	.61	.57
2.0	.90	.85	.81	.85	.81	.77	.75	.72	.70	.67	.64	.62	.58	.57	.56	.52
3.0	.82	.76	.71	.77	.72	.68	.69	.65	.62	.62	.59	.56	.54	.52	.51	.47
4.0	.74	.68	.63	.71	.65	.60	.64	.59	.56	.57	.54	.51	.51	.48	.46	.43
5.0	.68	.61	.56	.65	.59	.54	.58	.54	.50	.53	.49	.46	.47	.45	.42	.40
6.0	.62	.55	.50	.59	.53	.49	.54	.49	.45	.49	.45	.42	.44	.41	.39	.36
7.0	.57	.50	.46	.55	.49	.44	.50	.45	.41	.45	.41	.39	.41	.38	.36	.34
8.0	.53	.46	.41	.51	.45	.40	.46	.41	.38	.42	.38	.35	.38	.35	.33	.31
9.0	.49	.42	.38	.47	.41	.37	.43	.38	.35	.39	.35	.33	.36	.33	.31	.29
10.0	.46	.39	.35	.44	.38	.34	.40	.35	.32	.37	.33	.30	.34	.31	.28	.27



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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	.218	.124	.039	.199	.114	.036	.165	.094	.030	.133	.076	.025	.103	.060	.019		
2.0	.206	.113	.035	.189	.104	.032	.158	.088	.027	.129	.073	.023	.103	.058	.018		
3.0	.194	.104	.031	.179	.096	.029	.151	.082	.025	.125	.068	.021	.100	.056	.017		
4.0	.184	.095	.028	.170	.089	.026	.144	.076	.023	.120	.064	.019	.097	.053	.016		
5.0	.173	.088	.026	.161	.083	.024	.137	.071	.021	.115	.061	.018	.094	.050	.015		
6.0	.164	.082	.024	.152	.077	.022	.130	.067	.019	.110	.057	.017	.091	.048	.014		
7.0	.155	.077	.022	.145	.072	.021	.124	.063	.018	.105	.054	.016	.088	.045	.013		
8.0	.147	.072	.020	.137	.068	.019	.119	.059	.017	.101	.051	.015	.084	.043	.013		
9.0	.140	.068	.019	.131	.064	.018	.113	.056	.016	.097	.048	.014	.081	.041	.012		
10.0	.133	.064	.018	.125	.060	.017	.108	.053	.015	.093	.046	.013	.078	.039	.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	.486	.486	.486	.415	.415	.415	.283	.283	.283	.163	.163	.163	.052	.052	.052	
1.0	.472	.455	.439	.404	.390	.378	.276	.268	.262	.159	.155	.152	.051	.050	.049	
2.0	.461	.432	.408	.394	.372	.353	.270	.257	.246	.156	.150	.144	.050	.048	.047	
3.0	.451	.415	.386	.387	.358	.335	.266	.249	.235	.153	.145	.138	.049	.047	.045	
4.0	.443	.402	.371	.380	.348	.322	.262	.242	.227	.151	.142	.134	.049	.046	.044	
5.0	.436	.392	.359	.375	.339	.313	.258	.237	.221	.150	.139	.131	.048	.045	.043	
6.0	.430	.384	.351	.370	.333	.306	.255	.233	.216	.148	.137	.129	.048	.045	.042	
7.0	.424	.377	.345	.365	.327	.300	.252	.229	.213	.147	.135	.127	.047	.044	.042	
8.0	.419	.372	.340	.361	.323	.296	.250	.227	.210	.145	.134	.125	.047	.044	.041	
9.0	.414	.367	.336	.357	.319	.293	.247	.224	.208	.144	.132	.124	.047	.043	.041	
10.0	.410	.363	.333	.353	.316	.290	.245	.222	.206	.143	.131	.123	.046	.043	.041	

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm										
NAME: 1FT					TYPE:4000K 3.7			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:0.29*0.045			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	16.1	17.0	16.9	17.7	18.5	15.4	16.2	16.1	16.9	17.8
3H	15.8	16.6	16.6	17.3	18.2	15.1	15.8	15.8	16.6	17.5
4H	15.7	16.4	16.5	17.1	18.1	14.9	15.6	15.7	16.4	17.3
6H	15.5	16.2	16.3	16.9	17.9	14.8	15.4	15.6	16.2	17.1
8H	15.4	16.1	16.3	16.8	17.8	14.7	15.3	15.5	16.1	17.1
12H	15.4	15.9	16.2	16.7	17.7	14.6	15.2	15.4	16.0	17.0
4H 2H	15.7	16.4	16.5	17.1	18.1	14.9	15.6	15.7	16.4	17.3
3H	15.4	16.0	16.2	16.8	17.7	14.6	15.2	15.4	16.0	17.0
4H	15.2	15.7	16.1	16.6	17.6	14.5	15.0	15.3	15.8	16.8
6H	15.0	15.5	15.9	16.3	17.4	14.3	14.7	15.2	15.6	16.6
8H	15.0	15.4	15.8	16.2	17.3	14.2	14.6	15.1	15.5	16.6
12H	14.9	15.2	15.8	16.1	17.2	14.1	14.5	15.0	15.4	16.5
8H 4H	15.0	15.4	15.8	16.2	17.3	14.2	14.6	15.1	15.5	16.6
6H	14.8	15.1	15.7	16.0	17.1	14.0	14.4	14.9	15.3	16.4
8H	14.7	15.0	15.6	15.9	17.0	13.9	14.2	14.9	15.1	16.3
12H	14.6	14.8	15.5	15.8	16.9	13.9	14.1	14.8	15.0	16.2
12H 4H	14.9	15.2	15.8	16.1	17.2	14.1	14.5	15.0	15.4	16.5
6H	14.7	15.0	15.6	15.9	17.0	13.9	14.2	14.9	15.1	16.3
8H	14.6	14.8	15.5	15.8	16.9	13.8	14.1	14.8	15.0	16.2
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -19.8					+ 2.9 / -17.5				
1.5H	+ 4.0 / -13.4					+ 4.1 / -13.7				
2.0H	+ 7.1 / -16.8					+ 6.6 / -11.9				

CIE Pub.117 Corrected 1376 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.1)

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

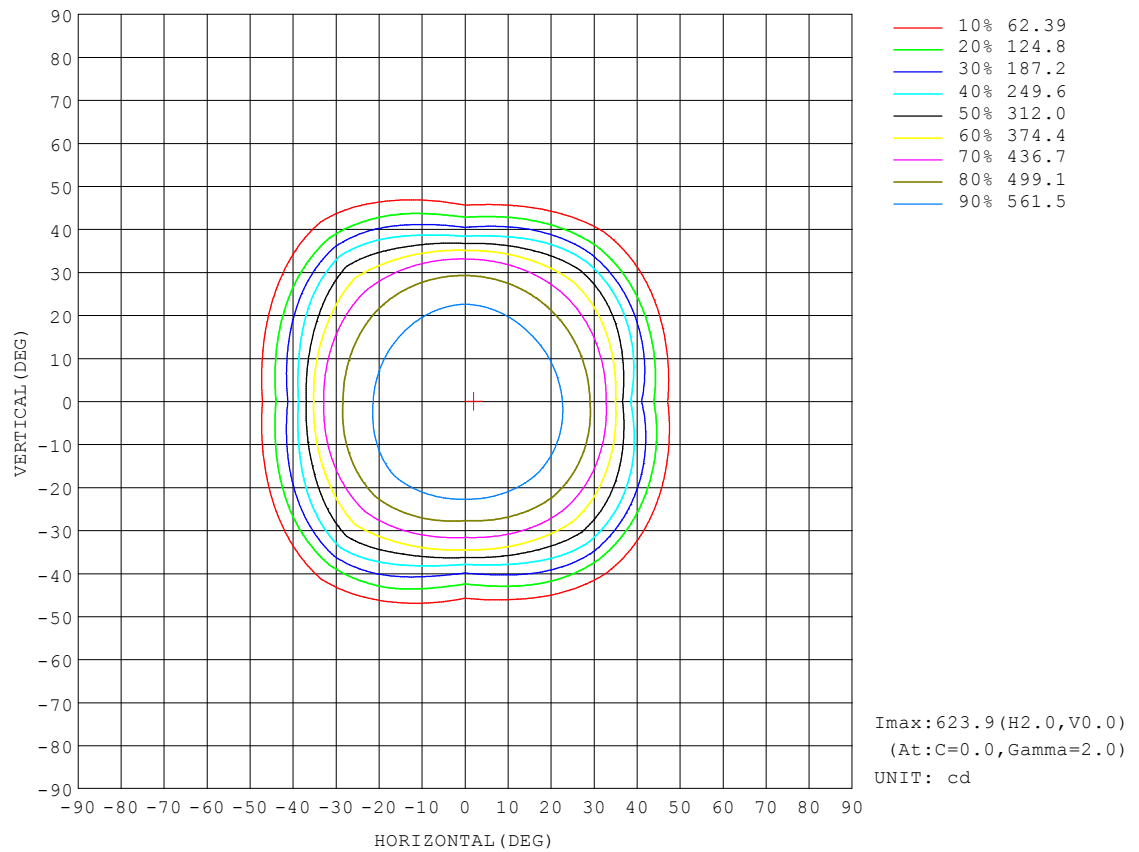
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	62	53	48	60	52	47	56	50	46	40
0.80	70	62	56	68	60	55	63	57	53	46
1.00	76	68	62	73	66	61	68	63	58	49
1.25	82	74	68	78	71	66	72	67	63	52
1.50	86	78	73	82	75	71	75	70	66	54
2.00	91	84	79	86	80	76	78	74	70	56
2.50	94	88	83	89	84	80	80	76	73	57
3.00	97	91	86	91	86	83	81	78	75	58
4.00	100	95	91	94	90	87	84	81	78	59
5.00	102	98	94	96	92	89	85	82	80	59
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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

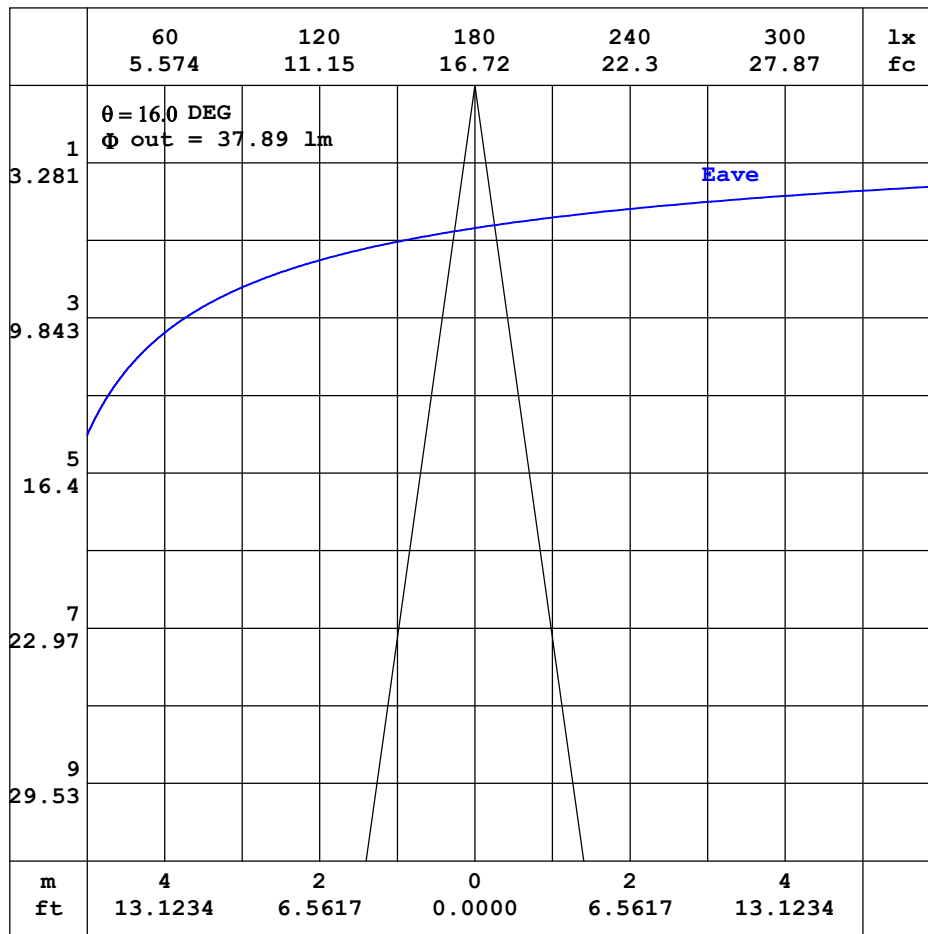


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



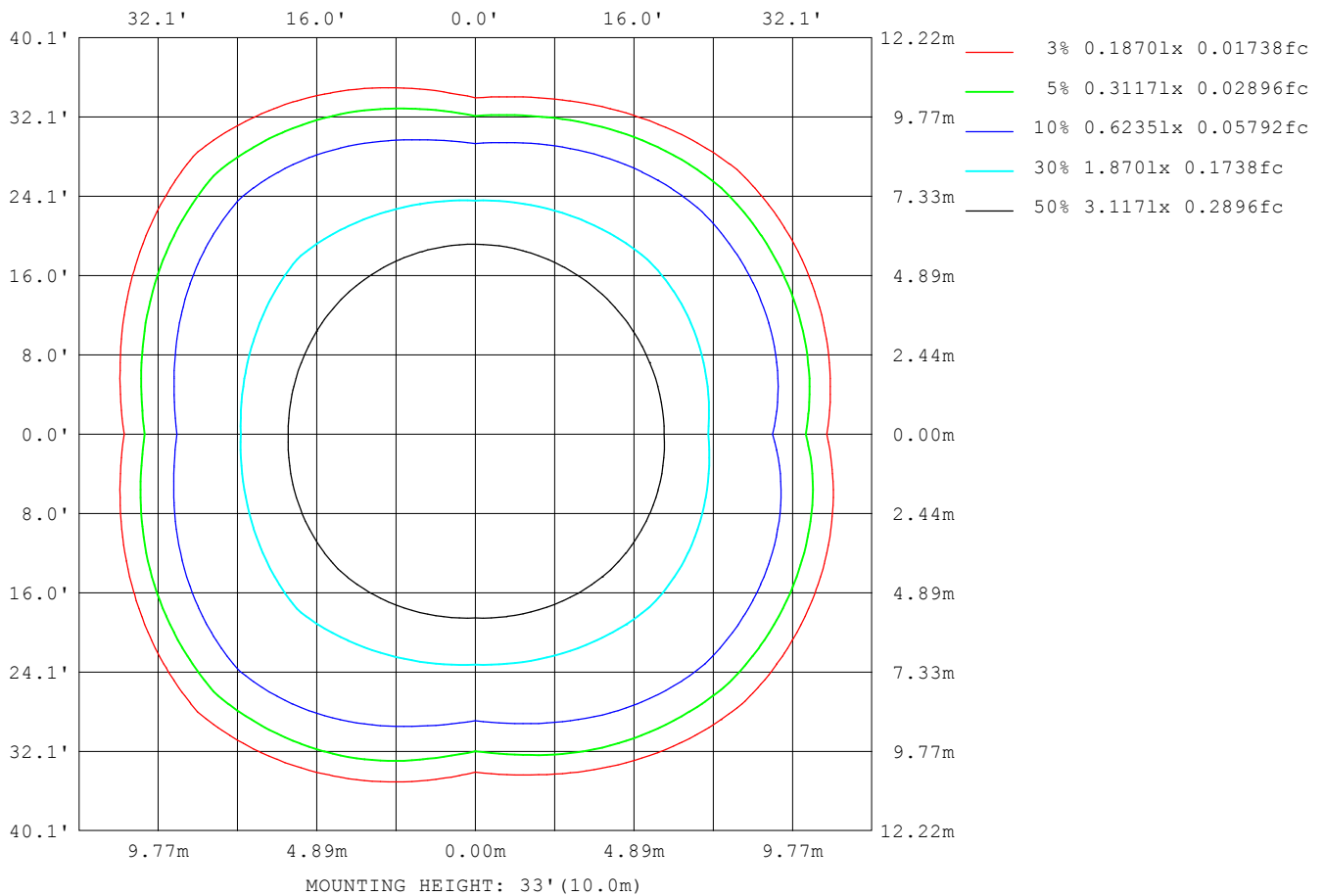
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

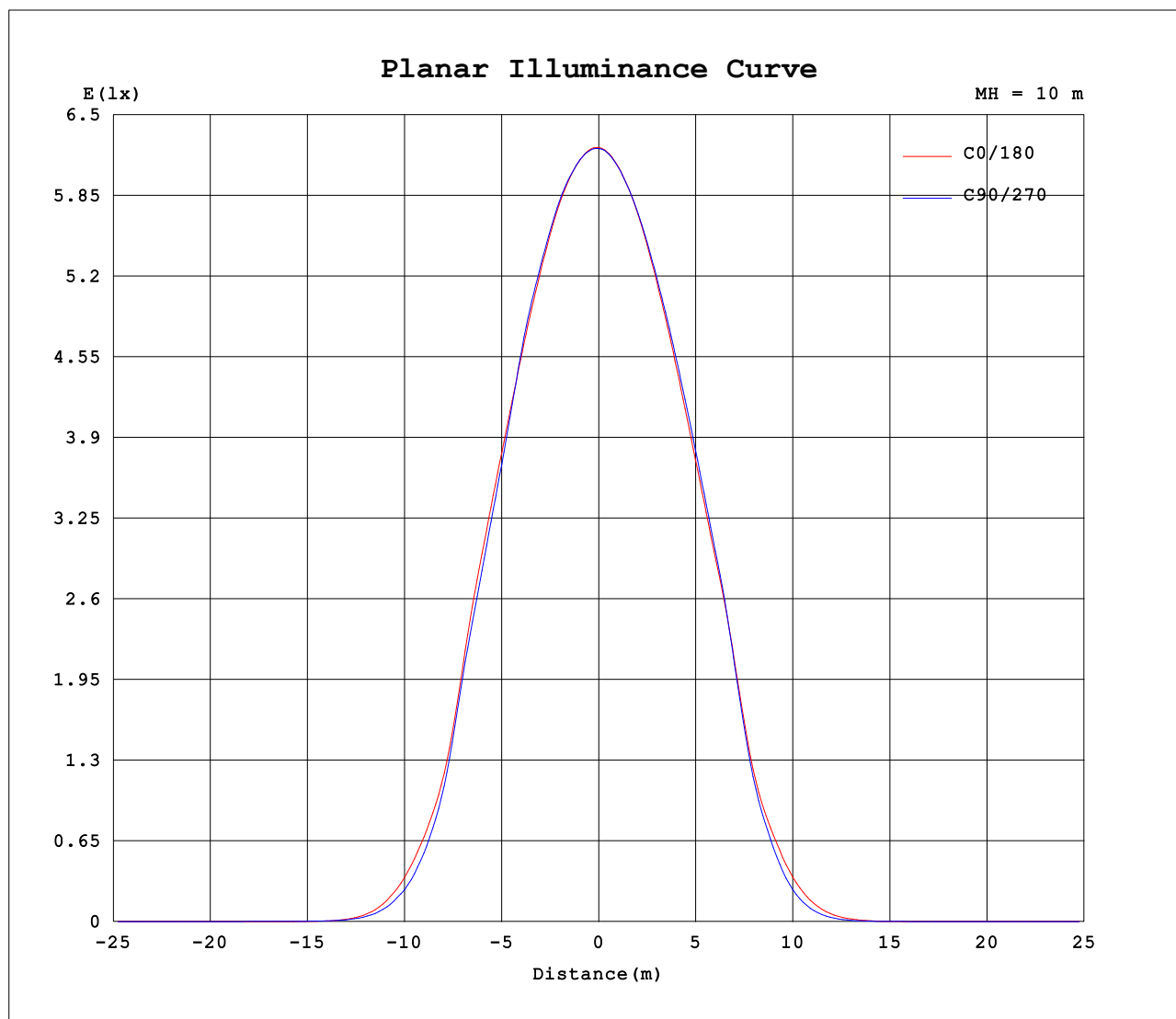
AvgL	cd/m2
L_0~180 (65) av	167
L_0~180 (75) av	135
L_0~180 (85) av	104
L_90~270 (65) av	259
L_90~270 (75) av	245
L_90~270 (85) av	355
L_45 (65) av	230
L_45 (75) av	214
L_45 (85) av	299

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623
5	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623
10	617	617	617	617	618	618	618	618	618	618	618	618	619	619	619	619	619	619	618
15	603	603	604	604	605	605	606	606	606	607	607	607	607	607	607	607	607	607	607
20	579	580	581	582	582	583	583	584	584	585	585	585	586	586	586	586	586	586	586
25	542	544	546	547	548	549	550	550	550	550	548	547	545	543	541	539	537	536	534
30	486	489	492	494	495	497	497	498	497	496	493	490	486	482	478	475	471	469	466
35	373	382	389	395	400	405	407	409	410	410	405	399	393	386	380	373	368	363	359
40	211	233	252	268	282	292	300	306	309	308	297	283	268	252	236	220	206	194	185
45	101	118	134	147	157	166	172	176	178	178	167	155	142	129	115	102	90.4	80.5	73.1
50	24.4	32.4	39.3	45.4	50.4	54.4	57.5	59.5	60.6	60.7	56.5	51.5	46.0	40.3	34.7	29.3	24.4	20.4	17.4
55	2.66	6.10	9.13	11.8	14.0	15.8	17.3	18.3	19.0	19.2	17.7	15.9	13.9	11.8	9.69	7.71	5.94	4.49	3.45
60	1.28	1.93	2.51	3.02	3.46	3.83	4.13	4.36	4.52	4.61	4.36	4.07	3.75	3.41	3.09	2.79	2.55	2.37	2.28
65	0.91	1.01	1.09	1.18	1.25	1.32	1.39	1.45	1.50	1.55	1.59	1.62	1.65	1.68	1.69	1.71	1.72	1.72	1.72
70	0.66	0.74	0.81	0.87	0.94	0.99	1.04	1.09	1.13	1.17	1.20	1.23	1.25	1.26	1.28	1.29	1.29	1.29	1.29
75	0.44	0.50	0.55	0.60	0.65	0.69	0.73	0.76	0.79	0.82	0.84	0.86	0.88	0.89	0.90	0.91	0.91	0.91	0.91
80	0.25	0.29	0.33	0.37	0.40	0.43	0.46	0.49	0.51	0.53	0.55	0.57	0.58	0.59	0.60	0.61	0.61	0.62	0.62
85	0.11	0.14	0.18	0.21	0.24	0.26	0.29	0.31	0.33	0.35	0.36	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40
90	2.57	2.56	2.54	2.50	2.45	2.38	2.30	2.19	2.08	1.94	1.61	1.27	0.94	0.64	0.38	0.17	0.05	0.02	0.00
95	17.6	19.1	20.3	21.2	21.9	22.3	22.4	22.3	21.9	21.2	19.0	16.7	14.2	11.8	9.44	7.30	5.46	4.00	3.03
100	47.2	48.7	49.8	50.5	50.8	50.7	50.1	49.2	47.8	46.1	41.9	37.5	33.0	28.5	24.2	20.2	16.6	13.7	11.6
105	79.2	78.3	77.1	75.6	73.9	71.8	69.5	67.0	64.1	61.0	55.7	50.2	44.8	39.5	34.5	30.0	26.1	23.0	20.7
110	95.7	94.8	93.6	92.1	90.3	88.1	85.6	82.8	79.7	76.2	70.2	64.0	57.8	51.8	46.1	41.0	36.5	32.9	30.3
115	112	111	110	109	107	104	102	98.9	95.5	91.7	85.0	78.1	71.1	64.4	58.0	52.1	47.0	42.9	39.8
120	127	127	125	124	122	119	117	113	110	106	98.3	90.8	83.3	76.0	69.1	62.8	57.3	52.7	49.4
125	142	141	140	138	136	133	130	126	122	118	110	103	94.7	87.1	79.8	73.1	67.3	62.5	58.9
130	156	154	152	150	147	144	141	137	132	128	120	112	104	96.5	89.2	82.6	76.7	71.9	68.3
135	166	164	161	158	155	151	148	143	139	134	127	119	111	104	97.2	90.9	85.4	80.8	77.4
140	172	169	166	163	159	155	151	147	142	138	131	124	117	110	104	98.3	93.3	89.2	86.2
145	172	169	166	162	159	155	151	147	143	139	133	127	121	115	110	105	101	97.1	94.5
150	166	163	161	158	155	152	148	145	142	138	133	128	123	119	114	110	107	104	102
155	157	155	153	151	149	147	144	142	139	136	133	129	125	122	118	115	113	110	109
160	148	146	145	144	142	141	139	137	136	134	131	129	126	124	121	119	117	116	114
165	139	138	137	137	136	135	134	133	132	131	130	128	126	125	123	122	121	120	119
170	131	131	131	131	130	130	130	129	129	128	128	127	126	125	124	124	123	122	122
175	126	126	127	127	126	126	126	126	126	126	126	126	125	125	125	124	124	124	124
180	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623
5	622	622	622	622	622	622	622	622	621	621	621	620	620	620	620	619	619	619	618
10	618	618	618	617	617	617	616	616	615	614	614	613	612	612	611	610	609	609	609
15	606	606	606	606	605	605	604	604	603	602	601	600	599	598	597	595	594	593	593
20	586	586	586	586	585	585	585	584	583	582	580	579	577	576	574	573	571	570	569
25	536	538	540	542	545	547	549	551	552	551	549	547	545	543	540	538	536	534	533
30	469	472	476	480	485	489	493	496	500	498	497	495	492	490	487	484	482	479	480
35	364	371	378	386	394	401	409	416	421	419	415	411	406	400	395	390	385	382	385
40	197	212	229	247	266	284	301	317	330	321	309	296	282	266	252	237	225	214	224
45	85.3	99.7	116	133	150	167	183	198	210	202	191	178	165	151	137	123	112	102	111
50	23.1	29.8	37.2	45.0	52.8	60.5	67.6	74.0	79.1	74.7	69.2	62.9	56.1	49.1	42.2	35.7	30.0	25.4	30.6
55	6.02	8.97	12.2	15.5	18.9	22.1	25.0	27.6	29.6	27.4	24.6	21.4	18.1	14.7	11.3	8.16	5.37	3.08	5.27
60	2.99	3.77	4.60	5.44	6.27	7.04	7.75	8.34	8.78	8.16	7.39	6.53	5.60	4.65	3.71	2.81	2.00	1.31	1.68
65	1.73	1.73	1.72	1.71	1.70	1.68	1.66	1.62	1.59	1.52	1.44	1.37	1.29	1.21	1.13	1.06	0.99	0.93	0.91
70	1.29	1.28	1.27	1.26	1.25	1.23	1.20	1.18	1.14	1.09	1.04	0.98	0.93	0.87	0.82	0.77	0.72	0.68	0.67
75	0.91	0.91	0.91	0.91	0.90	0.89	0.88	0.86	0.84	0.80	0.76	0.71	0.67	0.62	0.58	0.54	0.50	0.47	0.47
80	0.63	0.63	0.63	0.63	0.62	0.62	0.61	0.60	0.58	0.55	0.51	0.47	0.43	0.40	0.36	0.33	0.30	0.28	0.28
85	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.40	0.39	0.36	0.33	0.30	0.26	0.23	0.20	0.17	0.15	0.13	0.14
90	0.69	1.46	2.28	3.13	3.97	4.79	5.55	6.22	6.79	6.54	6.18	5.72	5.19	4.62	4.02	3.42	2.84	2.30	2.31
95	5.47	8.36	11.6	15.0	18.6	22.1	25.5	28.6	31.4	31.0	30.2	29.1	27.7	26.1	24.4	22.7	21.1	19.6	20.2
100	14.4	17.9	22.0	26.6	31.5	36.6	41.6	46.5	51.1	52.6	53.8	54.6	55.0	55.1	54.9	54.5	53.9	53.2	53.3
105	23.5	27.3	31.7	36.8	42.2	47.9	53.8	59.6	65.1	68.4	71.4	73.9	76.1	77.8	79.2	80.1	80.6	80.6	79.8
110	33.4	37.6	42.6	48.2	54.3	60.7	67.2	73.7	79.9	83.4	86.4	89.1	91.3	93.0	94.3	95.2	95.6	95.5	94.7
115	43.2	47.7	53.1	59.3	66.0	73.0	80.1	87.1	93.9	97.7	101	104	106	108	109	110	111	111	110
120	52.8	57.5	63.1	69.6	76.6	83.9	91.4	98.9	106	110	114	117	120	122	124	125	126	126	125
125	62.3	66.9	72.6	79.1	86.1	93.6	101	109	116	121	125	129	132	135	137	139	140	140	139
130	71.4	75.7	81.0	87.2	94.0	101	109	116	124	129	134	138	142	146	149	151	152	153	151
135	80.0	83.8	88.6	94.2	100	107	114	121	128	134	139	144	149	153	156	159	161	162	160
140	88.3	91.4	95.5	100	106	111	118	124	130	136	141	146	151	155	159	162	164	165	163
145	96.1	98.5	102	106	110	115	120	125	131	136	141	145	150	154	157	160	162	163	161
150	103	105	107	110	114	117	121	126	130	134	138	142	145	149	151	154	156	157	155
155	109	111	112	115	117	120	123	126	129	132	135	137	140	142	144	146	147	148	146
160	115	116	117	118	120	121	123	125	127	129	131	133	134	136	137	138	139	139	138
165	119	119	120	121	122	123	124	125	126	127	128	129	130	131	131	132	132	132	132
170	122	122	122	123	123	123	124	124	125	125	126	126	126	127	127	127	127	127	127
175	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	125	125	124
180	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623
5	618	618	618	618	618	618	618	618	618	618	618	618	618	618	618	618	618	618	618
10	608	608	608	607	607	607	607	607	607	608	608	608	608	609	609	609	609	609	609
15	592	592	591	591	591	591	591	591	591	592	593	593	594	594	595	596	596	596	596
20	569	568	568	568	568	568	569	569	570	570	571	572	573	574	575	575	576	576	575
25	533	533	533	533	534	535	535	536	537	538	539	540	541	542	543	544	544	544	543
30	480	481	482	484	485	487	488	489	490	490	490	490	490	490	490	490	489	489	488
35	389	394	399	404	409	414	418	422	418	413	408	403	397	391	386	381	377	379	382
40	237	251	265	280	295	308	320	329	318	304	289	272	256	239	224	210	198	206	217
45	122	135	149	163	176	188	199	207	195	182	167	150	133	117	101	85.9	73.2	77.5	84.0
50	36.8	43.8	51.1	58.5	65.7	72.3	78.0	82.5	76.8	70.0	62.2	53.8	45.1	36.5	28.2	20.6	14.0	16.0	19.1
55	7.96	11.0	14.3	17.6	20.9	23.9	26.6	28.8	26.7	24.2	21.2	18.0	14.6	11.2	7.91	4.85	2.14	2.71	3.67
60	2.18	2.77	3.42	4.10	4.78	5.43	6.01	6.50	6.14	5.68	5.13	4.53	3.89	3.23	2.58	1.96	1.40	1.36	1.38
65	0.89	0.89	0.89	0.90	0.91	0.92	0.94	0.96	0.98	1.00	1.02	1.04	1.06	1.08	1.10	1.11	1.12	1.11	1.09
70	0.67	0.68	0.69	0.70	0.72	0.73	0.76	0.78	0.80	0.82	0.84	0.86	0.87	0.89	0.90	0.91	0.92	0.91	0.90
75	0.48	0.49	0.50	0.52	0.54	0.57	0.59	0.62	0.63	0.65	0.67	0.69	0.70	0.71	0.73	0.73	0.74	0.73	0.72
80	0.29	0.31	0.33	0.35	0.38	0.40	0.43	0.46	0.48	0.50	0.51	0.53	0.54	0.56	0.57	0.57	0.58	0.57	0.56
85	0.15	0.17	0.19	0.22	0.24	0.27	0.30	0.32	0.34	0.35	0.37	0.38	0.39	0.40	0.41	0.41	0.41	0.41	0.40
90	2.38	2.48	2.62	2.76	2.91	3.05	3.16	3.23	2.94	2.61	2.24	1.86	1.46	1.07	0.69	0.33	0.00	0.02	0.04
95	20.9	21.7	22.6	23.4	24.1	24.6	24.9	24.9	22.4	19.6	16.6	13.6	10.6	7.68	4.98	2.59	0.58	1.31	2.46
100	53.2	53.0	52.5	51.9	50.9	49.6	48.0	46.1	41.4	36.5	31.4	26.4	21.6	17.1	13.0	9.57	6.88	8.80	11.5
105	78.6	77.0	74.9	72.5	69.7	66.6	63.1	59.4	53.6	47.7	41.8	36.1	30.7	25.7	21.3	17.7	14.9	17.0	20.0
110	93.5	91.9	89.8	87.3	84.4	81.1	77.5	73.5	67.1	60.6	54.0	47.6	41.5	35.9	31.0	27.0	23.9	26.3	29.7
115	109	107	105	102	98.9	95.3	91.4	87.1	80.1	73.0	65.8	58.8	52.2	46.1	40.7	36.3	33.0	35.8	39.7
120	124	121	119	116	112	108	104	99.1	91.6	84.0	76.4	69.0	62.0	55.6	50.0	45.4	42.0	45.1	49.4
125	137	134	131	128	124	119	114	109	101	93.6	85.8	78.2	71.1	64.7	59.1	54.5	51.2	54.5	59.0
130	149	146	142	138	133	128	122	116	109	101	93.3	86.1	79.3	73.3	68.0	63.8	60.8	64.1	68.5
135	157	153	149	144	138	133	127	121	113	106	99.1	92.5	86.4	80.9	76.3	72.6	70.1	73.1	77.3
140	160	156	151	146	141	135	129	123	116	110	104	97.9	92.6	88.0	84.1	81.1	79.1	81.7	85.4
145	158	154	150	145	140	135	129	123	118	113	108	103	98.6	94.9	91.8	89.5	88.1	90.3	93.3
150	152	149	145	141	137	132	128	123	119	115	111	107	104	101	99.1	97.4	96.4	98.2	101
155	144	142	139	136	133	130	126	123	120	117	114	111	109	107	105	104	104	105	107
160	137	135	133	131	129	127	125	122	120	118	116	115	113	112	111	111	110	111	112
165	131	130	129	127	126	125	123	122	121	120	119	118	117	117	116	116	116	116	117
170	126	126	125	125	124	124	123	122	122	121	121	121	120	120	120	120	120	120	121
175	124	124	124	124	124	123	123	123	123	123	123	123	123	123	123	123	123	123	123
180	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123

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:119.3V I:0.1020A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1376.49x1 lm																	
NAME: 1FT									TYPE:4000K 3.7						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.29*0.045						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	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623				
5	618	618	618	619	619	619	619	619	620	620	620	621	621	622	622				
10	609	609	609	609	609	610	610	610	611	611	612	613	614	615	616				
15	596	595	595	595	595	595	595	595	596	596	597	598	599	600	601				
20	575	574	574	573	572	572	572	572	572	573	574	574	575	576	578				
25	542	541	540	539	538	537	537	537	537	537	537	538	539	540	541				
30	488	487	486	486	485	485	484	484	484	484	484	484	484	485	485				
35	386	390	394	398	402	406	409	408	407	404	401	397	393	387	381				
40	229	242	256	270	283	294	304	304	301	295	287	277	264	249	231				
45	92.1	101	112	122	132	142	150	151	150	148	144	138	131	123	113				
50	23.0	27.5	32.4	37.5	42.4	47.1	51.2	51.3	50.7	49.3	47.1	44.2	40.4	35.9	30.5				
55	4.94	6.43	8.06	9.73	11.4	12.9	14.2	14.1	13.7	13.0	12.0	10.7	9.14	7.27	5.11				
60	1.46	1.58	1.73	1.90	2.08	2.25	2.41	2.39	2.35	2.27	2.17	2.05	1.90	1.72	1.51				
65	1.08	1.06	1.04	1.01	0.99	0.97	0.95	0.94	0.93	0.92	0.92	0.91	0.91	0.91	0.91				
70	0.89	0.87	0.85	0.83	0.81	0.79	0.77	0.76	0.75	0.73	0.72	0.71	0.70	0.68	0.67				
75	0.71	0.69	0.68	0.66	0.64	0.62	0.60	0.58	0.56	0.55	0.53	0.51	0.49	0.48	0.46				
80	0.55	0.53	0.52	0.50	0.48	0.46	0.44	0.42	0.40	0.38	0.36	0.34	0.32	0.29	0.27				
85	0.39	0.38	0.36	0.35	0.33	0.31	0.30	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.13				
90	0.06	0.09	0.11	0.14	0.16	0.19	0.22	0.38	0.56	0.77	1.00	1.26	1.55	1.86	2.20				
95	3.96	5.72	7.68	9.76	11.9	14.0	16.0	16.9	17.6	18.1	18.4	18.6	18.6	18.4	18.1				
100	14.8	18.6	22.7	27.1	31.5	35.9	40.1	42.2	44.0	45.4	46.5	47.3	47.7	47.9	47.7				
105	23.7	28.1	33.0	38.2	43.7	49.2	54.7	58.2	61.5	64.6	67.5	70.2	72.7	75.1	77.2				
110	34.0	39.0	44.5	50.4	56.6	62.8	69.0	72.9	76.5	80.0	83.1	86.1	88.8	91.4	93.6				
115	44.6	50.2	56.4	63.1	70.0	76.9	83.8	88.0	91.9	95.6	99.0	102	105	107	110				
120	54.7	60.8	67.5	74.7	82.1	89.6	97.0	102	106	110	114	117	120	123	125				
125	64.5	71.0	78.0	85.6	93.4	101	109	114	119	123	127	130	134	137	140				
130	74.0	80.3	87.3	94.7	103	110	118	123	128	133	137	141	145	149	152				
135	82.4	88.3	94.9	102	109	117	124	130	135	140	145	149	154	158	162				
140	89.9	95.2	101	107	114	121	128	133	138	143	148	153	158	163	168				
145	97.1	102	107	112	118	124	130	134	139	144	148	153	158	163	167				
150	104	107	111	116	120	125	130	134	138	141	145	150	154	158	162				
155	109	112	115	118	122	125	129	132	135	138	141	144	147	151	154				
160	114	116	118	120	122	125	128	130	132	134	136	138	141	143	145				
165	118	119	120	122	123	125	126	127	129	130	131	133	134	136	137				
170	121	122	122	123	123	124	125	125	126	127	128	128	129	130	130				
175	123	123	123	123	124	124	124	124	124	125	125	125	125	126	126				
180	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123				

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: