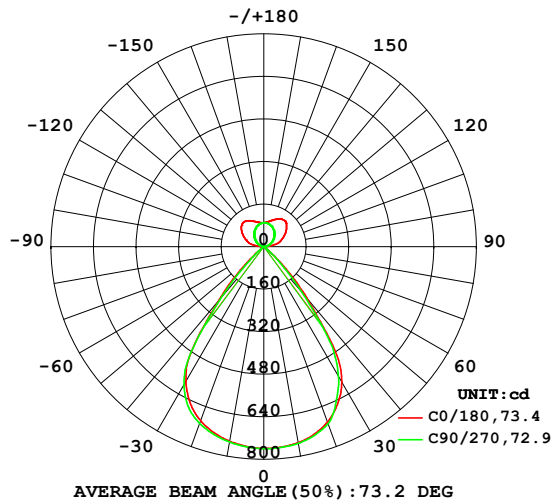


LUMINAIRE PHOTOMETRIC TEST REPORT

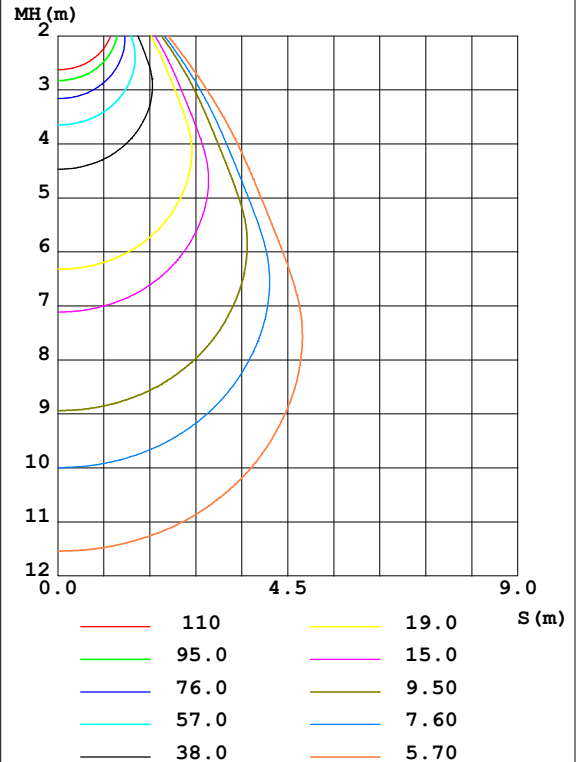
Test:U:119.3V I:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 119.85 lm/W			
MODEL		I _{max} (cd)	760.2	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)	1414.2	η UP,DN(C0-180)	14.1,36.4
NOMINAL FLUX(lm)	1414.19	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	13.3,36.1
LAMPS INSIDE	1	η up(%)	27.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	72.6	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:

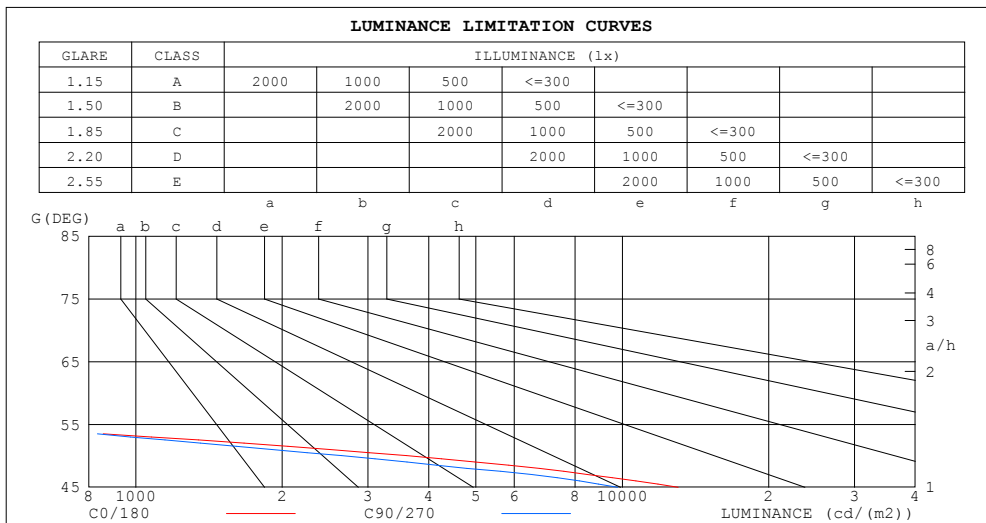
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	748.3	750.1	751.1	749.5	742.8	743.3	746.2	744.4	0- 10	71.89	71.89	5.08,5.08
20	701.7	708.0	708.6	710.0	696.4	698.3	707.1	696.1	10- 20	205.8	277.7	19.6,19.6
30	587.1	597.5	562.5	611.1	586.2	601.8	600.6	586.8	20- 30	301.7	579.4	41,41
40	251.1	372.9	222.4	404.0	262.8	406.0	241.8	365.9	30- 40	292.0	871.4	61.6,61.6
50	30.10	73.97	22.14	99.08	30.76	92.41	16.11	67.41	40- 50	133.1	1005	71,71
60	1.582	5.817	2.774	9.404	1.520	7.465	1.697	3.419	50- 60	18.21	1023	72.3,72.3
70	0.8337	1.418	1.573	1.351	0.7986	0.9666	1.133	0.9376	60- 70	1.832	1025	72.5,72.5
80	0.3491	0.6558	0.7564	0.7091	0.3265	0.5743	0.7019	0.5549	70- 80	0.8935	1026	72.5,72.5
90	1.989	1.667	0	5.009	1.672	2.470	0.0000	0.2809	80- 90	0.5066	1026	72.6,72.6
100	34.61	33.15	8.232	36.64	38.76	34.02	5.223	29.57	90-100	14.45	1040	73.6,73.6
110	69.39	54.82	21.54	57.53	69.51	54.01	17.57	50.69	100-110	41.27	1082	76.5,76.5
120	92.30	76.27	35.26	76.83	91.74	72.54	31.05	71.09	110-120	58.36	1140	80.6,80.6
130	112.7	93.03	49.12	89.82	110.7	84.64	44.66	86.53	120-130	68.40	1209	85.5,85.5
140	125.4	100.5	62.40	94.64	119.9	89.14	57.87	93.65	130-140	68.56	1277	90.3,90.3
150	120.9	101.0	74.14	94.38	113.4	89.53	70.39	94.85	140-150	58.96	1336	94.5,94.5
160	107.6	97.84	83.30	92.43	101.1	88.94	80.41	93.29	150-160	43.42	1379	97.5,97.5
170	95.51	93.73	88.93	90.77	92.40	89.10	87.44	91.24	160-170	26.09	1406	99.4,99.4
180	89.22	89.22	89.22	89.22	89.22	89.22	89.22	89.22	170-180	8.661	1414	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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	141	426
80	155	335
75	172	335
70	188	354
65	208	382
60	243	427
55	425	565
50	3602	2650
45	13028	9778

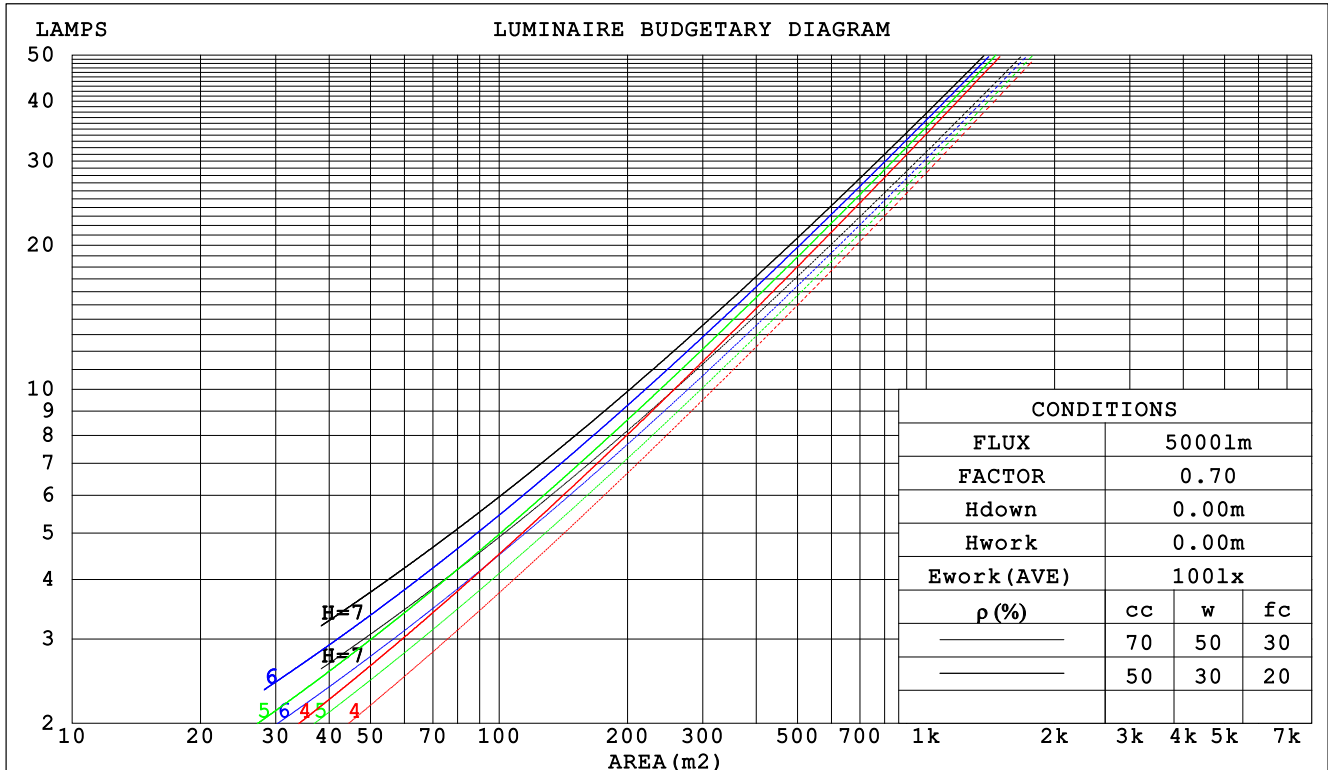
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	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	1.13	1.13	1.13	1.07	1.07	1.07	.96	.96	.96	.86	.86	.86	.77	.77	.77	.73
1.0	1.02	.00	.97	.98	.95	.93	.89	.87	.85	.80	.79	.78	.72	.72	.71	.67
2.0	.93	.89	.85	.89	.85	.82	.82	.78	.76	.74	.72	.70	.68	.66	.65	.61
3.0	.85	.79	.75	.82	.77	.72	.75	.71	.68	.69	.66	.63	.63	.61	.59	.56
4.0	.78	.72	.67	.75	.69	.65	.69	.65	.61	.64	.60	.57	.59	.56	.54	.51
5.0	.71	.65	.60	.69	.63	.58	.64	.59	.55	.59	.55	.52	.55	.52	.49	.47
6.0	.66	.59	.54	.64	.57	.53	.59	.54	.50	.55	.51	.48	.51	.48	.45	.43
7.0	.61	.54	.49	.59	.52	.48	.55	.50	.46	.51	.47	.44	.48	.44	.42	.40
8.0	.56	.49	.45	.54	.48	.44	.51	.46	.42	.48	.44	.40	.45	.41	.39	.37
9.0	.52	.46	.41	.51	.45	.40	.48	.42	.39	.45	.40	.37	.42	.38	.36	.34
10.0	.49	.42	.38	.47	.41	.37	.44	.39	.36	.42	.38	.35	.39	.36	.33	.32



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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm					
NAME: 1FT			TYPE:3500K		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	.210	.120	.038	.195	.111	.035	.167	.096	.031	.141	.081	.026	.117	.068	.022		
2.0	.200	.110	.034	.187	.103	.032	.162	.090	.028	.138	.078	.024	.117	.066	.021		
3.0	.190	.101	.030	.178	.095	.029	.155	.084	.026	.134	.073	.023	.114	.063	.020		
4.0	.180	.094	.028	.169	.088	.026	.148	.079	.023	.129	.069	.021	.111	.060	.018		
5.0	.171	.087	.025	.161	.082	.024	.142	.074	.022	.124	.065	.019	.108	.058	.017		
6.0	.162	.081	.023	.153	.077	.022	.135	.069	.020	.119	.062	.018	.104	.055	.016		
7.0	.154	.076	.022	.145	.072	.021	.129	.065	.019	.114	.059	.017	.100	.052	.015		
8.0	.146	.071	.020	.138	.068	.019	.124	.062	.018	.110	.056	.016	.097	.050	.014		
9.0	.139	.067	.019	.132	.064	.018	.118	.058	.017	.105	.053	.015	.093	.047	.014		
10.0	.133	.064	.018	.126	.061	.017	.113	.055	.016	.101	.050	.014	.090	.045	.013		

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	.400	.400	.400	.342	.342	.342	.233	.233	.233	.134	.134	.134	.043	.043	.043	
1.0	.384	.368	.353	.329	.316	.304	.225	.217	.210	.129	.126	.122	.041	.040	.040	
2.0	.372	.345	.321	.319	.297	.278	.219	.205	.194	.126	.119	.114	.040	.039	.037	
3.0	.362	.327	.299	.311	.282	.259	.213	.196	.182	.123	.115	.107	.040	.037	.035	
4.0	.354	.314	.283	.304	.271	.246	.209	.189	.173	.121	.111	.102	.039	.036	.034	
5.0	.347	.303	.271	.298	.262	.236	.205	.183	.167	.119	.108	.099	.038	.035	.033	
6.0	.340	.295	.262	.293	.255	.228	.202	.179	.162	.117	.105	.096	.038	.034	.032	
7.0	.335	.288	.256	.288	.250	.223	.199	.175	.158	.116	.103	.094	.037	.034	.031	
8.0	.329	.283	.250	.284	.245	.218	.196	.172	.155	.114	.102	.092	.037	.033	.031	
9.0	.325	.278	.246	.280	.241	.215	.194	.170	.153	.113	.100	.091	.037	.033	.030	
10.0	.320	.274	.243	.276	.238	.212	.191	.167	.151	.112	.099	.090	.036	.032	.030	

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm										
NAME: 1FT					TYPE:3500K			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	17.5	18.4	18.1	19.0	19.7	16.8	17.7	17.4	18.3	18.9
3H	17.3	18.1	17.9	18.7	19.4	16.5	17.3	17.2	17.9	18.6
4H	17.1	17.9	17.8	18.5	19.2	16.4	17.1	17.1	17.8	18.5
6H	17.0	17.7	17.7	18.3	19.1	16.3	17.0	16.9	17.6	18.4
8H	16.9	17.6	17.6	18.3	19.0	16.2	16.9	16.9	17.5	18.3
12H	16.9	17.5	17.6	18.2	19.0	16.1	16.7	16.8	17.4	18.2
4H 2H	17.1	17.9	17.8	18.5	19.3	16.4	17.2	17.1	17.8	18.5
3H	16.9	17.5	17.6	18.2	19.0	16.1	16.8	16.8	17.4	18.2
4H	16.7	17.3	17.4	18.0	18.8	16.0	16.5	16.7	17.2	18.1
6H	16.6	17.1	17.3	17.8	18.7	15.8	16.3	16.6	17.1	17.9
8H	16.5	16.9	17.3	17.7	18.6	15.8	16.2	16.5	17.0	17.8
12H	16.4	16.8	17.2	17.6	18.5	15.7	16.1	16.5	16.8	17.8
8H 4H	16.5	16.9	17.3	17.7	18.6	15.8	16.2	16.5	16.9	17.8
6H	16.3	16.7	17.1	17.5	18.4	15.6	16.0	16.4	16.7	17.7
8H	16.2	16.6	17.1	17.4	18.3	15.5	15.8	16.3	16.6	17.6
12H	16.2	16.4	17.0	17.3	18.2	15.4	15.7	16.3	16.5	17.5
12H 4H	16.4	16.8	17.2	17.6	18.5	15.7	16.1	16.5	16.8	17.8
6H	16.2	16.6	17.1	17.4	18.3	15.5	15.8	16.3	16.6	17.6
8H	16.2	16.4	17.0	17.3	18.2	15.4	15.7	16.3	16.5	17.5
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -19.6					+ 2.9 / -17.3				
1.5H	+ 4.0 / -13.1					+ 4.0 / -13.4				
2.0H	+ 7.1 / -16.6					+ 6.6 / -12.0				

CIE Pub.117 Corrected 1414 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.2)

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:119.3V I:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

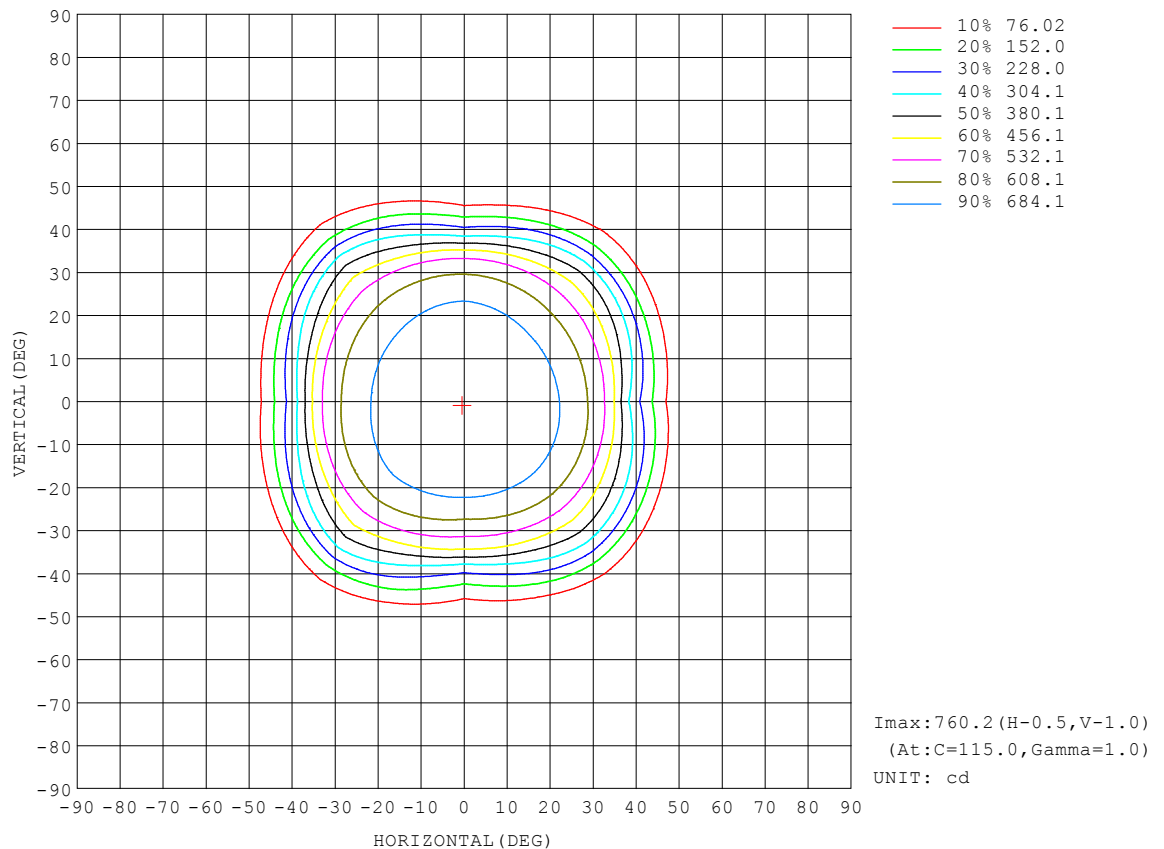
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	59	55	66	59	54	63	57	53	48
0.80	76	68	63	74	67	62	71	65	61	54
1.00	82	74	69	80	73	68	75	70	66	58
1.25	88	80	75	85	78	74	79	74	71	62
1.50	91	84	79	88	82	78	82	78	74	64
2.00	96	90	85	92	87	83	85	81	78	66
2.50	98	93	88	94	90	86	87	83	81	67
3.00	101	96	92	96	92	89	89	85	83	68
4.00	104	99	96	99	95	92	90	88	86	70
5.00	105	102	99	100	97	95	91	89	88	70
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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

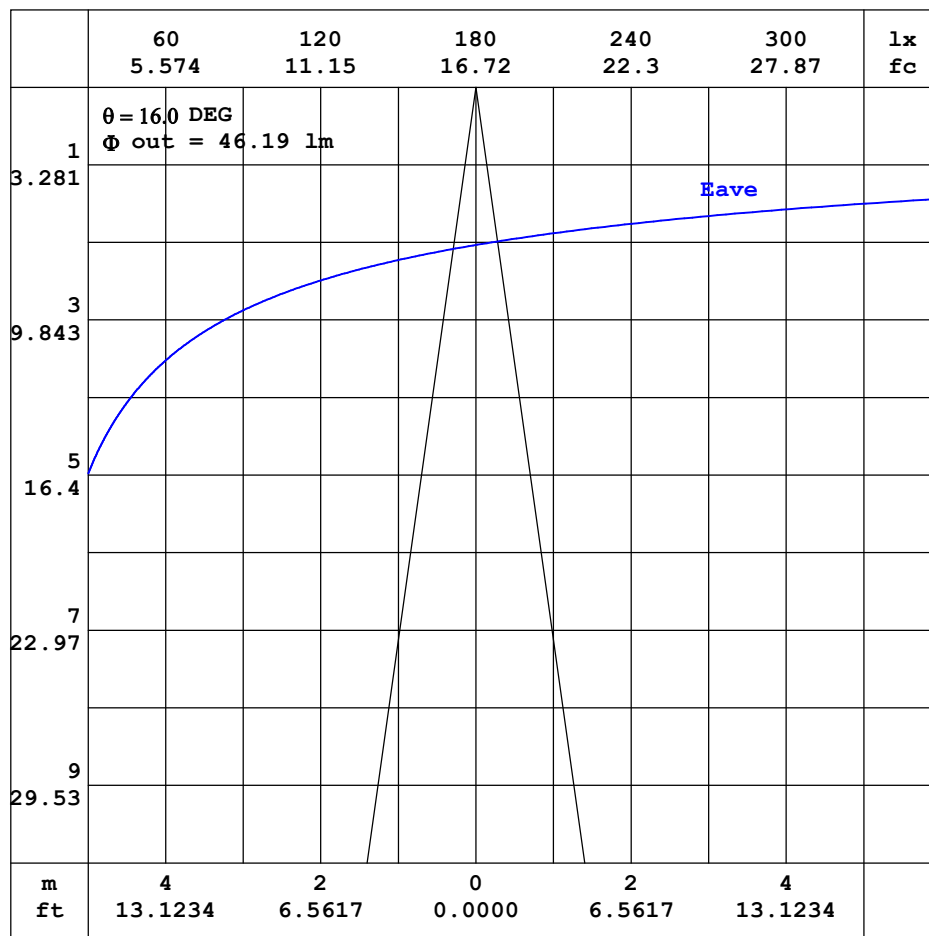


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



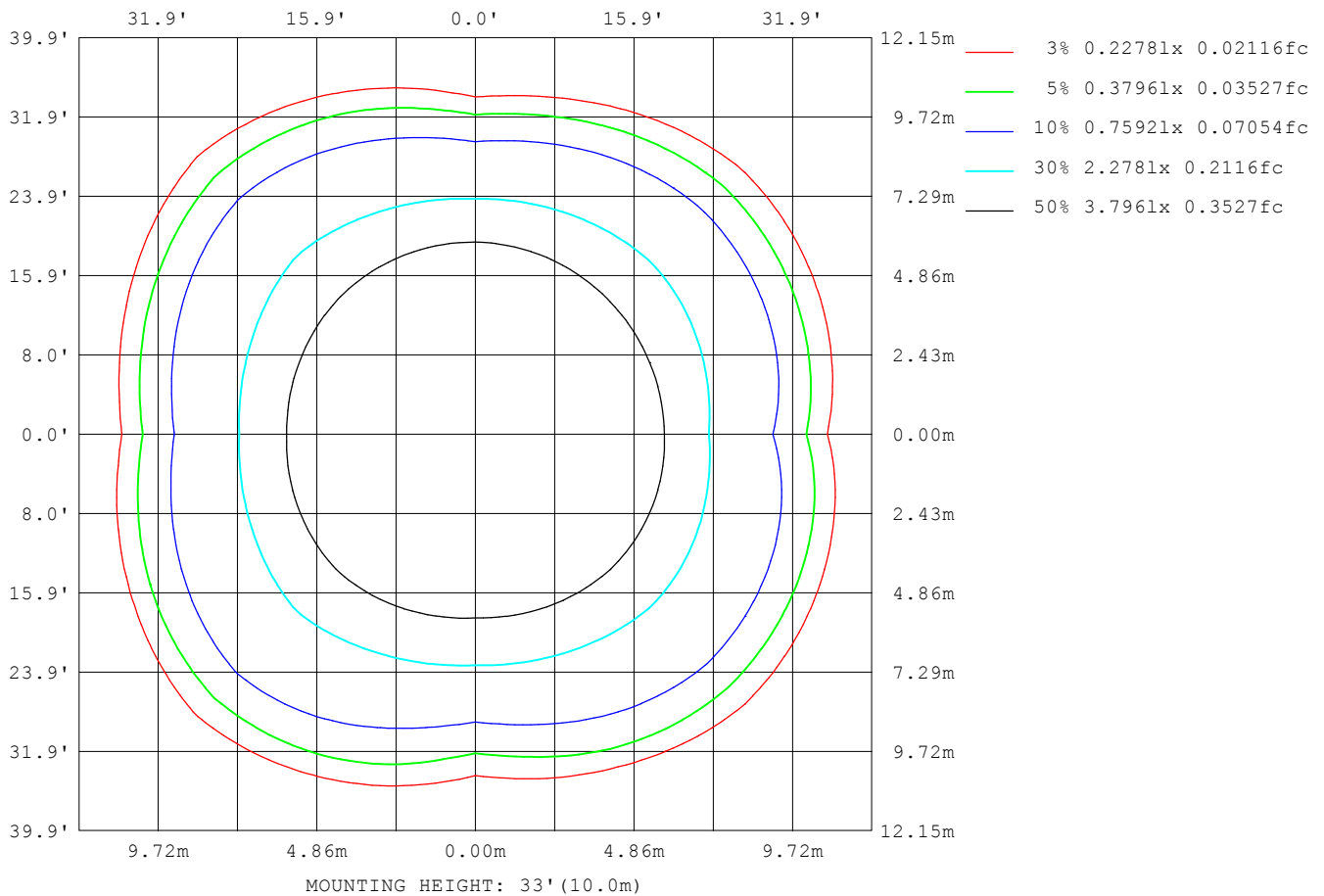
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

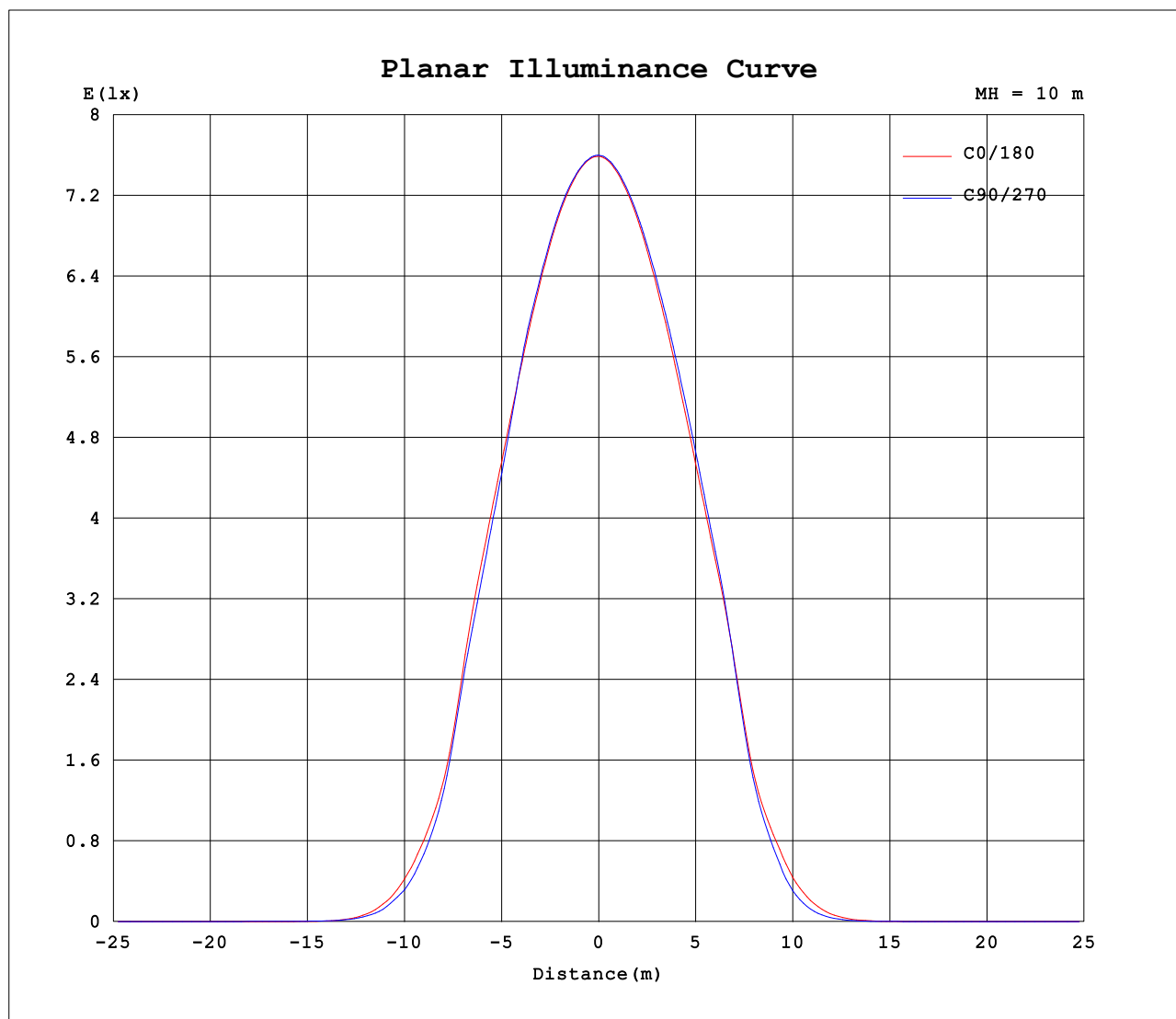
AvgL	cd/m2
L_0~180 (65) av	201
L_0~180 (75) av	166
L_0~180 (85) av	137
L_90~270 (65) av	315
L_90~270 (75) av	302
L_90~270 (85) av	433
L_45 (65) av	277
L_45 (75) av	261
L_45 (85) av	369

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	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	759	759	759	759	759	759	759	759	759	760	760	760	760	760	760	760	760	760	760
5	757	757	757	757	757	757	757	757	757	758	758	758	758	758	758	758	758	758	758
10	748	749	749	749	749	749	750	750	750	750	750	750	751	751	751	751	751	751	751
15	731	732	732	733	733	734	734	735	735	735	735	735	735	735	735	735	735	735	735
20	702	703	704	704	705	706	707	707	708	708	708	708	708	709	709	709	709	709	709
25	655	658	660	662	664	665	666	666	666	666	664	661	658	656	653	650	648	646	645
30	587	591	593	596	597	598	599	599	599	598	593	589	585	580	575	571	568	565	563
35	451	461	470	477	483	488	491	493	494	494	487	480	472	464	456	449	442	436	432
40	251	278	302	322	339	352	363	369	373	373	359	342	323	304	284	266	248	234	222
45	120	141	160	176	189	199	207	212	215	214	202	187	172	155	139	124	110	98.5	89.9
50	30.1	39.7	48.1	55.4	61.4	66.3	70.0	72.5	73.8	74.0	68.8	62.8	56.2	49.4	42.6	36.2	30.4	25.6	22.1
55	3.17	7.48	11.3	14.6	17.4	19.7	21.5	22.8	23.7	24.0	22.1	19.9	17.4	14.8	12.2	9.75	7.50	5.61	4.22
60	1.58	2.41	3.15	3.80	4.36	4.83	5.21	5.50	5.71	5.82	5.53	5.17	4.77	4.36	3.94	3.55	3.21	2.94	2.77
65	1.14	1.25	1.36	1.46	1.55	1.63	1.71	1.78	1.84	1.90	1.95	1.99	2.02	2.05	2.07	2.09	2.10	2.10	2.10
70	0.83	0.92	1.00	1.08	1.15	1.21	1.27	1.33	1.37	1.42	1.46	1.49	1.51	1.54	1.55	1.57	1.57	1.58	1.57
75	0.58	0.64	0.70	0.76	0.81	0.85	0.90	0.94	0.97	1.01	1.03	1.06	1.08	1.09	1.11	1.12	1.12	1.13	1.13
80	0.35	0.39	0.44	0.47	0.51	0.54	0.58	0.61	0.63	0.66	0.68	0.69	0.71	0.72	0.74	0.74	0.75	0.75	0.76
85	0.16	0.20	0.23	0.27	0.30	0.33	0.35	0.38	0.40	0.42	0.43	0.45	0.46	0.47	0.47	0.48	0.48	0.48	0.48
90	1.99	2.02	2.03	2.03	2.01	1.98	1.92	1.85	1.77	1.67	1.40	1.13	0.86	0.62	0.39	0.21	0.08	0.03	0.00
95	12.6	13.7	14.5	15.2	15.7	16.0	16.1	16.0	15.7	15.2	13.6	11.9	10.1	8.38	6.70	5.17	3.84	2.80	2.10
100	34.6	35.6	36.3	36.7	36.9	36.7	36.2	35.5	34.5	33.2	30.1	26.9	23.7	20.4	17.3	14.4	11.9	9.77	8.23
105	57.8	57.0	56.0	54.8	53.4	51.9	50.1	48.2	46.1	43.8	39.9	35.9	32.0	28.2	24.6	21.4	18.6	16.3	14.7
110	69.4	68.7	67.8	66.6	65.2	63.6	61.8	59.7	57.4	54.8	50.4	45.9	41.5	37.1	33.0	29.3	26.0	23.4	21.5
115	80.7	80.3	79.5	78.4	77.1	75.5	73.6	71.4	68.9	66.1	61.2	56.2	51.2	46.2	41.6	37.3	33.6	30.6	28.4
120	92.3	91.8	90.9	89.7	88.3	86.5	84.4	82.0	79.3	76.3	71.0	65.5	60.1	54.7	49.7	45.1	41.0	37.7	35.3
125	103	102	101	100	98.5	96.6	94.4	91.8	88.9	85.7	80.1	74.4	68.6	62.9	57.6	52.7	48.4	44.9	42.2
130	113	112	110	109	107	105	102	99.5	96.4	93.0	87.4	81.5	75.7	70.0	64.7	59.7	55.4	51.8	49.1
135	121	119	117	115	113	110	108	105	101	97.9	92.4	86.8	81.2	75.7	70.6	66.0	61.9	58.5	55.9
140	125	123	121	119	116	113	110	107	104	101	95.4	90.3	85.2	80.3	75.6	71.4	67.7	64.7	62.4
145	125	123	121	118	116	113	110	108	105	101	97.0	92.5	88.1	83.9	79.9	76.3	73.1	70.5	68.6
150	121	119	117	115	113	111	108	106	104	101	97.4	93.7	90.2	86.7	83.5	80.5	77.9	75.8	74.1
155	114	113	112	110	109	107	105	103	102	99.7	97.0	94.2	91.5	88.9	86.4	84.1	82.1	80.4	79.1
160	108	107	106	105	104	103	102	100	99.2	97.8	95.9	94.0	92.1	90.3	88.5	86.9	85.5	84.3	83.3
165	101	101	100	99.7	99.2	98.6	97.9	97.3	96.5	95.8	94.6	93.4	92.3	91.1	90.0	89.0	88.1	87.3	86.6
170	95.5	95.5	95.4	95.3	95.1	94.9	94.7	94.4	94.1	93.7	93.2	92.6	92.0	91.4	90.8	90.3	89.8	89.3	88.9
175	91.9	92.0	92.1	92.1	92.2	92.2	92.1	92.1	92.0	92.0	91.8	91.6	91.4	91.2	91.0	90.8	90.5	90.4	90.2
180	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	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	760	760	760	760	760	760	760	760	760	760	760	760	759	759	759	759	759	759	759
5	758	758	758	758	758	758	758	758	758	757	757	756	756	755	755	755	754	754	754
10	751	751	751	751	751	750	750	750	750	749	748	747	746	746	745	744	743	743	743
15	735	735	736	736	736	736	735	735	735	734	733	731	730	729	728	727	725	724	724
20	709	709	710	710	710	710	710	710	710	709	707	706	704	702	701	699	698	696	696
25	647	650	653	657	660	664	667	670	672	671	669	667	665	662	660	657	655	653	652
30	567	572	577	583	589	595	601	606	611	610	608	605	602	599	596	592	589	586	587
35	439	448	458	468	478	489	499	508	516	513	508	503	497	490	484	478	472	467	472
40	238	257	278	301	324	347	368	388	404	393	379	363	345	327	308	291	276	263	276
45	105	124	144	166	188	209	229	247	262	252	238	222	205	187	170	153	137	125	135
50	29.3	37.8	47.0	56.7	66.5	76.0	84.9	92.7	99.1	93.6	86.8	78.9	70.3	61.4	52.7	44.4	37.0	30.8	36.1
55	7.08	10.4	14.0	17.8	21.6	25.3	28.7	31.6	33.9	31.4	28.2	24.7	20.9	16.9	13.1	9.52	6.32	3.69	6.07
60	3.48	4.26	5.10	5.96	6.81	7.61	8.33	8.94	9.40	8.73	7.91	6.99	6.01	5.00	4.01	3.07	2.23	1.52	1.96
65	2.10	2.09	2.07	2.06	2.03	2.00	1.96	1.91	1.86	1.78	1.68	1.59	1.49	1.40	1.30	1.22	1.14	1.07	1.05
70	1.57	1.56	1.54	1.52	1.49	1.46	1.43	1.39	1.35	1.29	1.22	1.15	1.08	1.02	0.95	0.90	0.84	0.80	0.79
75	1.13	1.13	1.12	1.11	1.10	1.08	1.06	1.04	1.01	0.95	0.90	0.84	0.78	0.72	0.67	0.62	0.58	0.54	0.54
80	0.76	0.77	0.77	0.77	0.76	0.75	0.74	0.73	0.71	0.67	0.62	0.57	0.52	0.48	0.43	0.39	0.36	0.33	0.34
85	0.49	0.49	0.50	0.50	0.50	0.50	0.49	0.48	0.47	0.44	0.40	0.36	0.32	0.28	0.24	0.20	0.17	0.15	0.16
90	0.50	1.07	1.67	2.29	2.92	3.52	4.09	4.59	5.01	4.82	4.55	4.21	3.81	3.39	2.94	2.50	2.07	1.67	1.69
95	3.87	5.96	8.30	10.8	13.4	15.9	18.4	20.7	22.7	22.4	21.8	21.0	20.1	19.0	17.8	16.6	15.4	14.3	14.8
100	10.2	12.7	15.7	19.0	22.5	26.2	29.8	33.3	36.6	37.8	38.7	39.3	39.7	39.8	39.8	39.6	39.2	38.8	38.9
105	16.8	19.4	22.6	26.3	30.2	34.3	38.5	42.7	46.8	49.2	51.4	53.3	55.0	56.3	57.4	58.1	58.6	58.7	58.2
110	23.8	26.8	30.4	34.5	39.0	43.6	48.3	53.0	57.5	60.1	62.4	64.4	66.0	67.4	68.4	69.1	69.5	69.5	69.0
115	30.8	34.1	38.1	42.5	47.4	52.5	57.7	62.8	67.8	70.6	73.0	75.1	76.9	78.3	79.4	80.2	80.5	80.6	80.0
120	37.8	41.2	45.3	50.0	55.2	60.5	66.0	71.5	76.8	79.9	82.7	85.1	87.2	88.9	90.2	91.1	91.6	91.7	91.1
125	44.7	48.1	52.2	56.9	62.1	67.6	73.3	78.9	84.4	87.8	91.0	93.7	96.1	98.1	99.7	101	102	102	101
130	51.4	54.5	58.4	63.0	68.0	73.3	78.8	84.4	89.8	93.6	97.1	100	103	106	108	109	110	111	109
135	57.8	60.6	64.1	68.2	72.7	77.6	82.7	87.9	93.1	97.1	101	105	108	111	113	115	116	117	116
140	63.9	66.2	69.1	72.6	76.6	80.8	85.4	90.0	94.6	98.7	103	106	110	113	115	117	119	120	118
145	69.7	71.5	73.8	76.6	79.9	83.4	87.1	91.0	94.9	98.5	102	105	109	111	114	116	117	118	117
150	74.9	76.3	78.0	80.2	82.7	85.4	88.3	91.3	94.4	97.3	100	103	105	108	110	111	113	113	112
155	79.6	80.5	81.8	83.3	85.1	87.0	89.1	91.3	93.5	95.6	97.7	99.7	102	103	105	106	107	107	106
160	83.6	84.1	84.9	85.9	87.0	88.2	89.6	91.0	92.4	93.8	95.1	96.4	97.6	98.6	99.6	100	101	101	100
165	86.7	87.0	87.4	87.9	88.5	89.2	89.9	90.7	91.5	92.2	92.9	93.6	94.2	94.8	95.3	95.7	95.9	96.1	95.6
170	88.9	89.0	89.1	89.3	89.6	89.8	90.1	90.4	90.8	91.0	91.3	91.6	91.8	92.0	92.2	92.3	92.4	92.4	92.2
175	90.2	90.1	90.1	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.4	90.4
180	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm		
NAME: 1FT	TYPE:3500K	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	759	759	759	759	759	759	759	760	760	760	760	760	760	760	760	760	760	760	760
5	754	754	754	754	754	754	754	755	755	755	755	755	755	755	756	756	756	756	756
10	742	742	742	743	743	743	743	743	744	744	744	745	745	745	746	746	746	746	746
15	724	724	724	724	724	724	725	725	726	726	727	728	729	729	730	731	731	730	730
20	696	696	696	696	696	697	698	698	699	701	702	703	704	705	706	707	707	706	705
25	653	653	653	654	655	656	657	659	660	662	663	664	666	667	668	668	668	667	665
30	588	590	592	594	596	598	600	602	602	603	603	603	603	603	602	601	601	599	598
35	478	484	491	497	504	510	515	520	515	509	503	496	489	482	475	468	463	465	468
40	291	308	327	345	363	380	394	406	392	375	356	336	315	294	274	257	242	251	263
45	148	163	179	195	211	225	238	247	233	217	199	179	159	139	120	102	87.2	92.8	101
50	42.7	50.1	58.0	66.1	74.0	81.2	87.5	92.4	85.9	78.0	69.2	59.7	50.1	40.5	31.4	23.1	16.1	19.5	24.1
55	9.01	12.4	16.0	19.6	23.2	26.6	29.6	32.0	29.7	26.7	23.4	19.8	16.0	12.3	8.70	5.41	2.56	3.74	5.39
60	2.55	3.23	3.97	4.75	5.52	6.26	6.92	7.47	7.05	6.52	5.90	5.21	4.48	3.74	3.01	2.32	1.70	1.72	1.82
65	1.04	1.04	1.05	1.07	1.09	1.12	1.15	1.18	1.20	1.23	1.25	1.28	1.30	1.32	1.34	1.35	1.36	1.34	1.32
70	0.80	0.81	0.83	0.85	0.88	0.90	0.93	0.97	0.99	1.02	1.04	1.06	1.08	1.10	1.11	1.13	1.13	1.12	1.10
75	0.56	0.57	0.60	0.63	0.66	0.69	0.73	0.76	0.78	0.81	0.83	0.85	0.87	0.88	0.89	0.90	0.91	0.90	0.88
80	0.35	0.38	0.40	0.43	0.47	0.50	0.54	0.57	0.60	0.62	0.64	0.66	0.67	0.68	0.69	0.70	0.70	0.70	0.69
85	0.18	0.21	0.24	0.27	0.30	0.34	0.38	0.41	0.43	0.45	0.46	0.47	0.48	0.49	0.50	0.50	0.50	0.49	0.49
90	1.75	1.84	1.96	2.08	2.20	2.31	2.41	2.47	2.25	1.99	1.71	1.42	1.12	0.81	0.52	0.25	0.00	0.02	0.05
95	15.4	16.1	16.7	17.3	17.9	18.3	18.5	18.5	16.6	14.6	12.4	10.1	7.89	5.73	3.71	1.92	0.42	0.97	1.82
100	38.9	38.8	38.5	38.1	37.4	36.5	35.4	34.0	30.6	27.0	23.3	19.6	16.0	12.7	9.75	7.21	5.22	6.63	8.59
105	57.4	56.2	54.8	53.1	51.1	48.9	46.4	43.7	39.5	35.2	30.9	26.7	22.7	19.0	15.8	13.1	11.1	12.6	14.8
110	68.2	67.1	65.6	63.9	61.8	59.5	56.9	54.0	49.3	44.5	39.7	35.0	30.6	26.5	22.8	19.8	17.6	19.4	21.9
115	79.2	78.0	76.4	74.5	72.3	69.8	67.0	63.9	58.8	53.6	48.4	43.3	38.4	34.0	30.1	26.8	24.4	26.5	29.3
120	90.0	88.5	86.7	84.5	82.0	79.2	76.0	72.5	67.1	61.6	56.1	50.7	45.6	40.9	36.9	33.5	31.0	33.3	36.4
125	99.7	97.9	95.7	93.2	90.2	87.0	83.5	79.7	74.1	68.4	62.8	57.3	52.2	47.5	43.4	40.1	37.7	40.2	43.5
130	108	106	103	99.9	96.5	92.8	88.8	84.6	79.1	73.6	68.1	62.9	58.0	53.6	49.8	46.8	44.7	47.1	50.3
135	114	111	108	104	101	96.4	92.1	87.6	82.4	77.3	72.2	67.4	63.0	59.1	55.8	53.2	51.4	53.6	56.6
140	116	113	110	106	102	98.0	93.6	89.1	84.5	79.9	75.4	71.3	67.5	64.2	61.4	59.3	57.9	59.8	62.5
145	114	112	109	105	102	97.6	93.6	89.6	85.7	81.9	78.2	74.8	71.8	69.2	67.0	65.4	64.3	66.0	68.2
150	110	108	105	102	99.3	96.1	92.8	89.5	86.5	83.5	80.7	78.1	75.8	73.8	72.2	71.1	70.4	71.7	73.5
155	105	103	101	98.8	96.5	94.1	91.7	89.2	87.0	84.8	82.8	81.0	79.4	78.0	76.9	76.1	75.7	76.7	78.1
160	99.4	98.2	96.8	95.4	93.8	92.2	90.6	88.9	87.5	86.1	84.8	83.6	82.6	81.7	81.1	80.6	80.4	81.1	82.1
165	95.0	94.3	93.5	92.6	91.7	90.7	89.8	88.9	88.1	87.3	86.6	86.0	85.4	85.0	84.7	84.5	84.4	84.9	85.5
170	91.9	91.5	91.2	90.8	90.3	89.9	89.5	89.1	88.8	88.5	88.2	87.9	87.7	87.6	87.5	87.4	87.4	87.7	88.0
175	90.3	90.2	90.1	90.0	89.9	89.8	89.7	89.6	89.6	89.5	89.5	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6
180	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1414.19x1 lm																	
NAME: 1FT									TYPE:3500K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.29*0.045						Shielding Angle:		

Table--4

UNIT: cd

γ (DEG)	C (DEG)																
	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355		
0	760	760	760	760	760	760	760	760	760	760	760	759	759	759	759		
5	756	756	756	756	756	756	756	756	756	756	756	756	756	757	757		
10	746	745	745	745	745	745	744	745	745	745	745	746	746	747	748		
15	729	729	728	727	727	726	726	726	726	726	727	727	728	729	730		
20	704	703	701	700	698	697	696	696	696	696	697	697	698	699	700		
25	663	661	659	657	655	653	652	651	651	651	651	651	652	653	654		
30	596	594	593	591	590	588	587	586	586	585	585	585	585	586	586		
35	471	475	479	483	487	490	493	492	490	487	484	479	473	467	460		
40	277	293	309	325	340	354	366	365	361	354	344	332	316	297	276		
45	111	123	135	148	161	173	183	184	183	180	174	167	158	148	135		
50	29.7	36.0	42.7	49.5	56.1	62.1	67.4	67.6	66.8	64.8	61.8	57.6	52.4	46.0	38.6		
55	7.41	9.66	12.1	14.5	16.8	18.9	20.6	20.4	19.8	18.8	17.3	15.3	12.9	10.1	6.87		
60	1.98	2.19	2.44	2.69	2.96	3.20	3.42	3.39	3.32	3.20	3.04	2.84	2.59	2.30	1.96		
65	1.30	1.27	1.25	1.22	1.19	1.17	1.14	1.13	1.12	1.12	1.11	1.11	1.12	1.12	1.13		
70	1.09	1.06	1.04	1.01	0.99	0.96	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84		
75	0.87	0.85	0.83	0.81	0.78	0.76	0.74	0.72	0.70	0.68	0.67	0.65	0.63	0.61	0.60		
80	0.67	0.66	0.64	0.62	0.60	0.58	0.55	0.53	0.51	0.49	0.47	0.45	0.42	0.40	0.37		
85	0.48	0.46	0.45	0.43	0.41	0.39	0.37	0.35	0.33	0.31	0.29	0.27	0.24	0.22	0.19		
90	0.08	0.11	0.14	0.17	0.21	0.23	0.28	0.40	0.54	0.69	0.86	1.05	1.26	1.49	1.73		
95	2.92	4.23	5.68	7.22	8.79	10.3	11.8	12.4	12.9	13.3	13.5	13.6	13.5	13.3	13.0		
100	11.0	13.8	16.8	20.0	23.3	26.5	29.6	31.1	32.4	33.4	34.2	34.8	35.1	35.2	35.0		
105	17.5	20.8	24.3	28.2	32.2	36.2	40.2	42.8	45.2	47.4	49.5	51.5	53.3	54.9	56.5		
110	25.0	28.7	32.8	37.1	41.6	46.2	50.7	53.5	56.1	58.5	60.8	62.9	64.8	66.5	68.0		
115	32.9	37.0	41.6	46.4	51.4	56.5	61.4	64.4	67.2	69.8	72.2	74.3	76.3	78.0	79.5		
120	40.3	44.7	49.7	54.9	60.3	65.7	71.1	74.4	77.4	80.3	82.8	85.2	87.3	89.2	90.9		
125	47.5	52.2	57.3	62.8	68.5	74.2	79.8	83.3	86.6	89.6	92.5	95.0	97.4	99.5	101		
130	54.3	59.0	64.1	69.5	75.1	80.9	86.5	90.2	93.7	97.0	100	103	106	108	111		
135	60.4	64.7	69.5	74.7	80.0	85.5	91.0	94.8	98.5	102	105	109	112	115	118		
140	65.9	69.7	74.0	78.7	83.5	88.6	93.6	97.4	101	105	108	112	115	119	122		
145	71.0	74.3	77.9	81.9	86.0	90.4	94.8	98.1	102	105	108	112	115	118	122		
150	75.8	78.4	81.3	84.4	87.8	91.3	94.9	97.7	101	103	106	109	112	115	118		
155	79.8	81.8	84.0	86.4	88.9	91.6	94.3	96.4	98.6	101	103	105	108	110	112		
160	83.3	84.7	86.2	87.8	89.6	91.4	93.3	94.8	96.3	97.9	99.5	101	103	104	106		
165	86.2	87.0	87.9	88.9	90.0	91.1	92.2	93.1	94.1	95.0	96.0	97.0	98.0	99.0	100.0		
170	88.3	88.8	89.2	89.7	90.2	90.7	91.2	91.7	92.2	92.6	93.1	93.6	94.0	94.5	95.0		
175	89.7	89.8	90.0	90.1	90.3	90.4	90.6	90.7	90.8	91.0	91.1	91.3	91.4	91.6	91.8		
180	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2		

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: