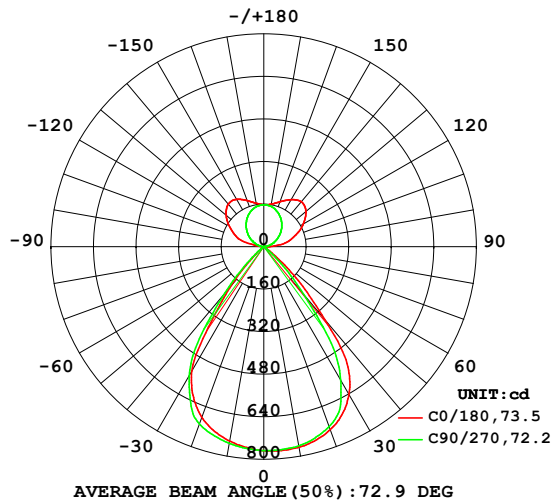


LUMINAIRE PHOTOMETRIC TEST REPORT

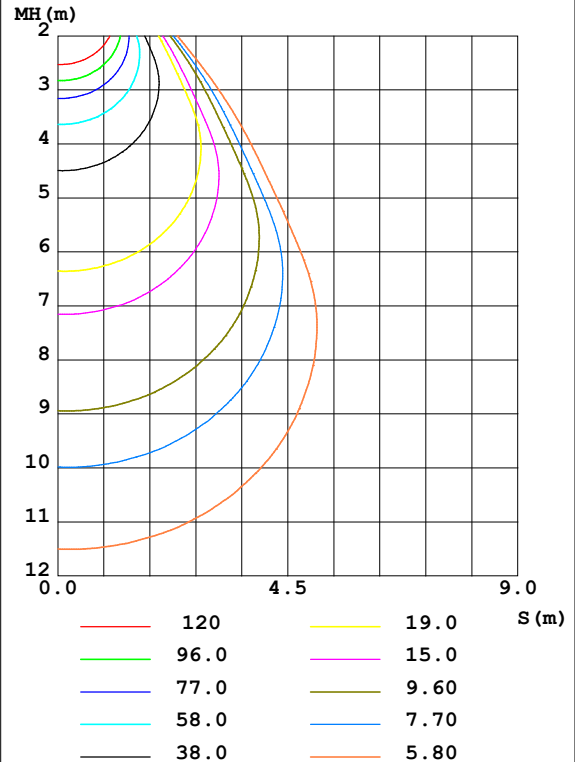
Test:U:119.3V I:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.72 lm/W			
MODEL		Imax(cd)	769.7	S/MH(C0/180)	1.15
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.04
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1711.6	η UP,DN(C0-180)	20.0,31.1
NOMINAL FLUX(lm)	1711.63	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	19.3,29.7
LAMPS INSIDE	1	η up(%)	39.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	60.8	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:

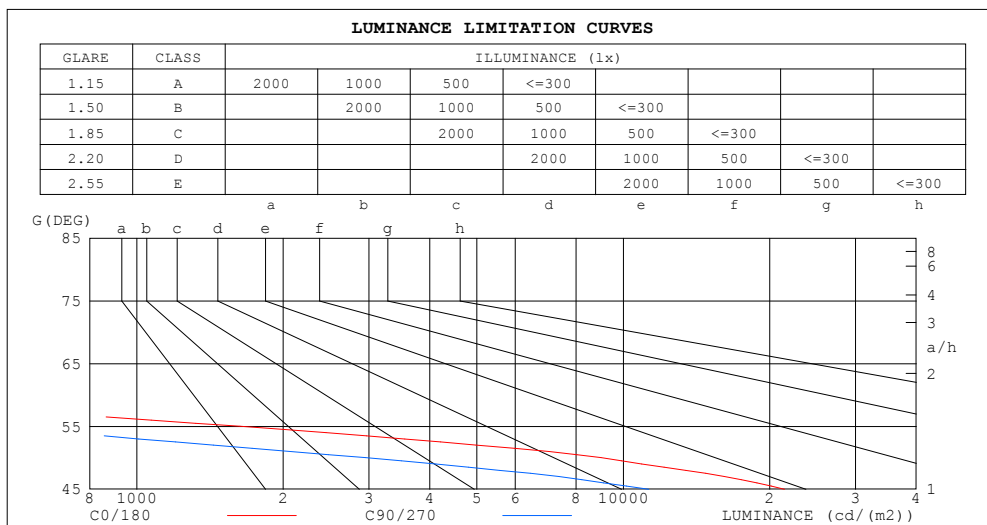
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	765.7	765.0	760.5	752.3	742.3	743.1	751.1	757.1	0- 10	72.61	72.61	4.24,4.24
20	732.1	732.6	720.0	705.4	682.6	688.3	709.3	718.5	10- 20	208.1	280.7	16.4,16.4
30	641.1	641.4	579.1	598.5	541.6	571.9	561.5	626.9	20- 30	304.7	585.4	34.2,34.2
40	357.2	438.5	232.9	365.8	189.8	333.4	227.7	411.7	30- 40	292.7	878.0	51.3,51.3
50	75.26	115.1	24.67	70.90	11.02	69.72	23.08	85.63	40- 50	136.7	1015	59.3,59.3
60	2.273	11.87	2.951	5.937	1.801	5.130	3.507	6.942	50- 60	20.25	1035	60.5,60.5
70	1.420	1.578	1.752	1.556	1.029	1.822	2.181	1.844	60- 70	2.515	1037	60.6,60.6
80	0.8264	0.9829	0.9041	0.8715	0.5108	1.044	1.205	1.190	70- 80	1.355	1039	60.7,60.7
90	13.93	8.910	0.2424	0.6832	0.2759	0.7483	0.4356	8.445	80- 90	1.406	1040	60.8,60.8
100	83.66	64.07	11.88	50.84	36.15	54.24	11.14	42.49	90-100	23.29	1064	62.1,62.1
110	127.4	101.3	35.01	89.80	109.3	90.25	33.46	86.01	100-110	67.72	1131	66.1,66.1
120	172.1	135.9	59.19	126.5	148.5	125.7	56.73	130.9	110-120	101.0	1232	72,72
130	207.4	159.5	83.30	154.6	185.3	153.2	80.70	154.1	120-130	119.6	1352	79,79
140	220.4	168.2	106.3	168.2	208.7	164.6	104.0	162.0	130-140	120.0	1472	86,86
150	204.2	167.7	126.8	169.9	205.8	165.6	125.6	161.8	140-150	103.1	1575	92,92
160	180.0	163.4	143.1	166.3	185.0	162.3	142.6	159.0	150-160	75.92	1651	96.5,96.5
170	162.8	159.5	154.6	161.4	166.1	159.2	154.1	157.4	160-170	45.61	1696	99.1,99.1
180	156.9	156.9	156.9	156.9	156.9	156.9	156.9	156.9	170-180	15.15	1712	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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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	557	558
80	366	401
75	330	389
70	319	394
65	324	414
60	350	454
55	1629	578
50	9007	2952
45	21447	11277

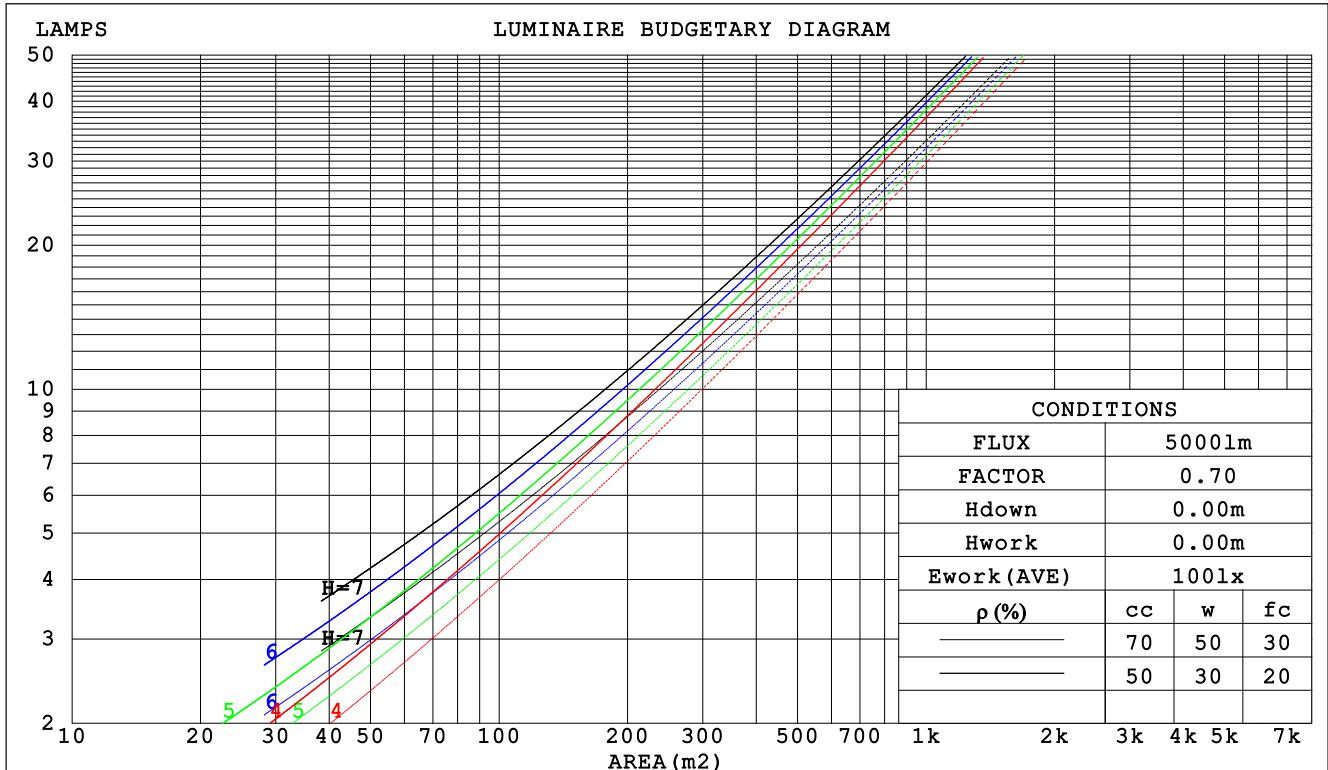
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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	.89	.89	.89	.77	.77	.77	.66	.66	.66	.61
1.0	.99	.96	.93	.93	.91	.88	.82	.80	.78	.72	.70	.69	.62	.61	.61	.56
2.0	.90	.85	.81	.85	.80	.77	.75	.72	.69	.66	.64	.62	.58	.57	.55	.51
3.0	.81	.76	.71	.77	.72	.68	.69	.65	.62	.61	.58	.56	.54	.52	.50	.47
4.0	.74	.68	.63	.70	.65	.60	.63	.59	.55	.57	.53	.51	.50	.48	.46	.43
5.0	.68	.61	.56	.64	.58	.54	.58	.53	.50	.52	.49	.46	.47	.44	.42	.39
6.0	.62	.55	.50	.59	.53	.49	.54	.49	.45	.48	.45	.42	.44	.41	.39	.36
7.0	.57	.50	.45	.55	.48	.44	.50	.45	.41	.45	.41	.38	.41	.38	.35	.33
8.0	.53	.46	.41	.50	.44	.40	.46	.41	.38	.42	.38	.35	.38	.35	.33	.31
9.0	.49	.42	.38	.47	.41	.37	.43	.38	.34	.39	.35	.32	.36	.33	.30	.28
10.0	.45	.39	.35	.43	.38	.34	.40	.35	.32	.37	.33	.30	.33	.30	.28	.26



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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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	.219	.125	.039	.200	.114	.036	.165	.095	.030	.133	.077	.025	.104	.060	.019		
2.0	.207	.113	.035	.190	.105	.032	.159	.088	.027	.130	.073	.023	.103	.058	.018		
3.0	.195	.104	.031	.180	.096	.029	.151	.082	.025	.125	.068	.021	.100	.056	.017		
4.0	.184	.096	.028	.170	.089	.026	.144	.076	.023	.120	.064	.019	.097	.053	.016		
5.0	.174	.089	.026	.161	.083	.024	.137	.071	.021	.115	.061	.018	.094	.050	.015		
6.0	.164	.082	.024	.153	.077	.022	.131	.067	.019	.110	.057	.017	.091	.048	.014		
7.0	.156	.077	.022	.145	.072	.021	.124	.063	.018	.105	.054	.016	.087	.045	.013		
8.0	.148	.072	.020	.138	.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	.489	.489	.489	.418	.418	.418	.285	.285	.285	.164	.164	.164	.052	.052	.052	
1.0	.475	.458	.443	.407	.393	.381	.278	.271	.264	.160	.157	.153	.051	.050	.050	
2.0	.464	.436	.412	.398	.375	.356	.273	.259	.248	.157	.151	.145	.050	.049	.047	
3.0	.455	.419	.390	.390	.361	.338	.268	.251	.237	.155	.147	.140	.050	.048	.046	
4.0	.447	.406	.374	.384	.351	.325	.264	.244	.229	.153	.143	.135	.049	.047	.045	
5.0	.440	.396	.363	.378	.342	.316	.260	.239	.223	.151	.140	.132	.049	.046	.044	
6.0	.434	.388	.355	.373	.336	.309	.257	.235	.218	.149	.138	.130	.048	.045	.043	
7.0	.428	.381	.348	.368	.330	.303	.254	.232	.215	.148	.136	.128	.048	.045	.042	
8.0	.423	.376	.343	.364	.326	.299	.252	.229	.212	.147	.135	.127	.047	.044	.042	
9.0	.418	.371	.339	.360	.322	.296	.250	.226	.210	.145	.134	.125	.047	.044	.042	
10.0	.414	.367	.336	.357	.319	.293	.247	.224	.209	.144	.133	.124	.047	.044	.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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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	18.4	19.2	19.1	19.9	20.8	17.0	17.9	17.7	18.6	19.4
3H	18.1	18.8	18.9	19.6	20.5	16.7	17.5	17.5	18.2	19.1
4H	17.9	18.6	18.7	19.4	20.3	16.6	17.3	17.4	18.0	19.0
6H	17.8	18.4	18.6	19.2	20.2	16.4	17.1	17.2	17.8	18.8
8H	17.7	18.3	18.5	19.1	20.1	16.3	16.9	17.1	17.7	18.7
12H	17.6	18.2	18.5	19.0	20.0	16.2	16.8	17.1	17.6	18.6
4H 2H	18.0	18.7	18.7	19.4	20.3	16.6	17.3	17.4	18.0	19.0
3H	17.6	18.2	18.5	19.0	20.0	16.3	16.9	17.1	17.7	18.7
4H	17.5	18.0	18.3	18.8	19.8	16.1	16.6	17.0	17.5	18.5
6H	17.3	17.8	18.2	18.6	19.7	15.9	16.4	16.8	17.2	18.3
8H	17.2	17.6	18.1	18.5	19.6	15.9	16.3	16.7	17.1	18.2
12H	17.1	17.5	18.0	18.4	19.5	15.8	16.1	16.7	17.0	18.1
8H 4H	17.2	17.6	18.1	18.5	19.6	15.9	16.3	16.7	17.1	18.2
6H	17.0	17.4	18.0	18.3	19.4	15.7	16.0	16.6	16.9	18.0
8H	17.0	17.2	17.9	18.2	19.3	15.6	15.9	16.5	16.8	18.0
12H	16.9	17.1	17.8	18.0	19.2	15.5	15.8	16.5	16.7	17.9
12H 4H	17.1	17.5	18.0	18.4	19.5	15.8	16.1	16.7	17.0	18.1
6H	17.0	17.2	17.9	18.2	19.3	15.6	15.9	16.5	16.8	17.9
8H	16.9	17.1	17.8	18.0	19.2	15.5	15.8	16.4	16.7	17.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / -16.7					+ 3.2 / -15.7				
1.5H	+ 3.5 / - 8.7					+ 3.4 / -13.8				
2.0H	+ 6.6 / -16.8					+ 6.1 / -13.1				

CIE Pub.117 Corrected 1712 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.9)

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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

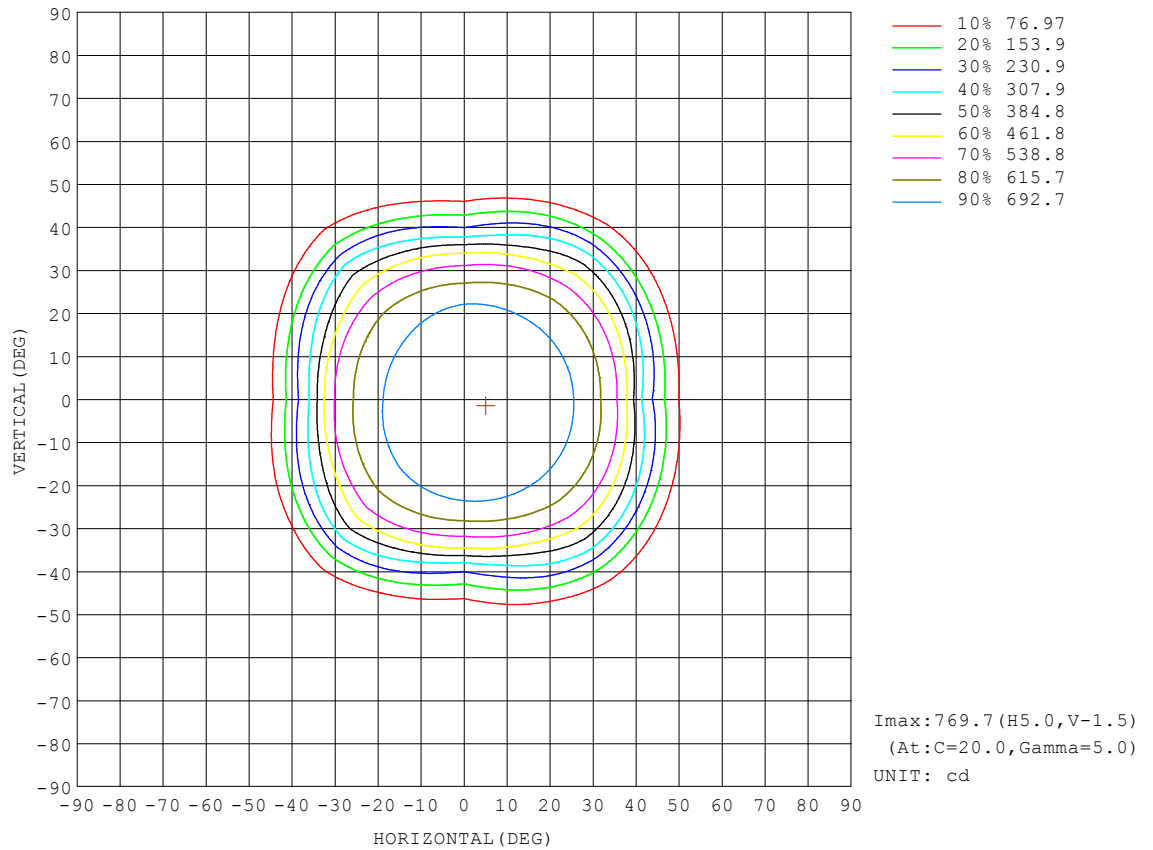
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	61	53	48	59	52	47	56	49	46	40
0.80	70	61	56	67	60	55	63	57	53	45
1.00	76	67	62	73	65	61	67	62	58	49
1.25	82	73	68	78	71	66	71	66	62	52
1.50	86	78	73	82	75	70	74	69	66	54
2.00	91	84	79	86	80	76	78	73	70	55
2.50	94	87	83	89	83	79	80	76	73	56
3.00	96	91	86	91	86	82	81	78	75	57
4.00	99	95	91	94	90	86	83	80	78	58
5.00	101	97	94	95	92	89	84	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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

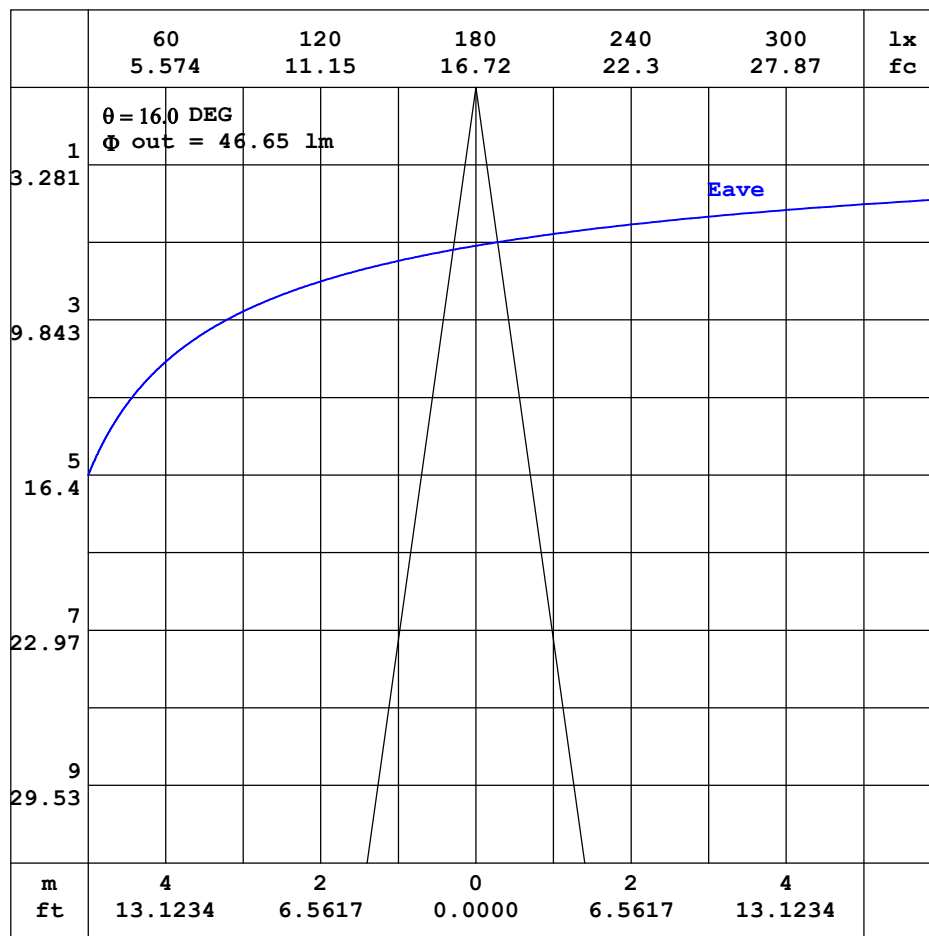


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



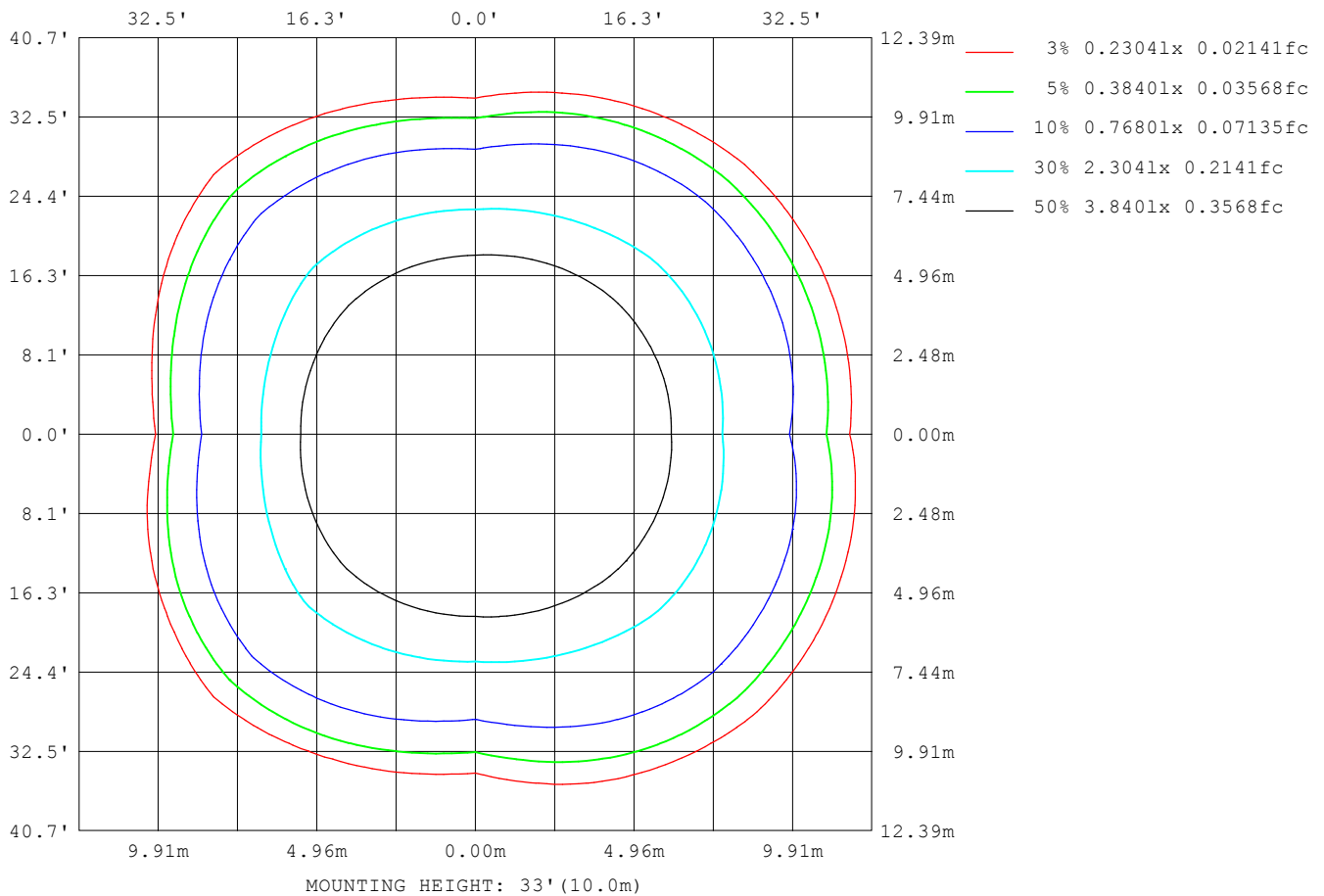
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

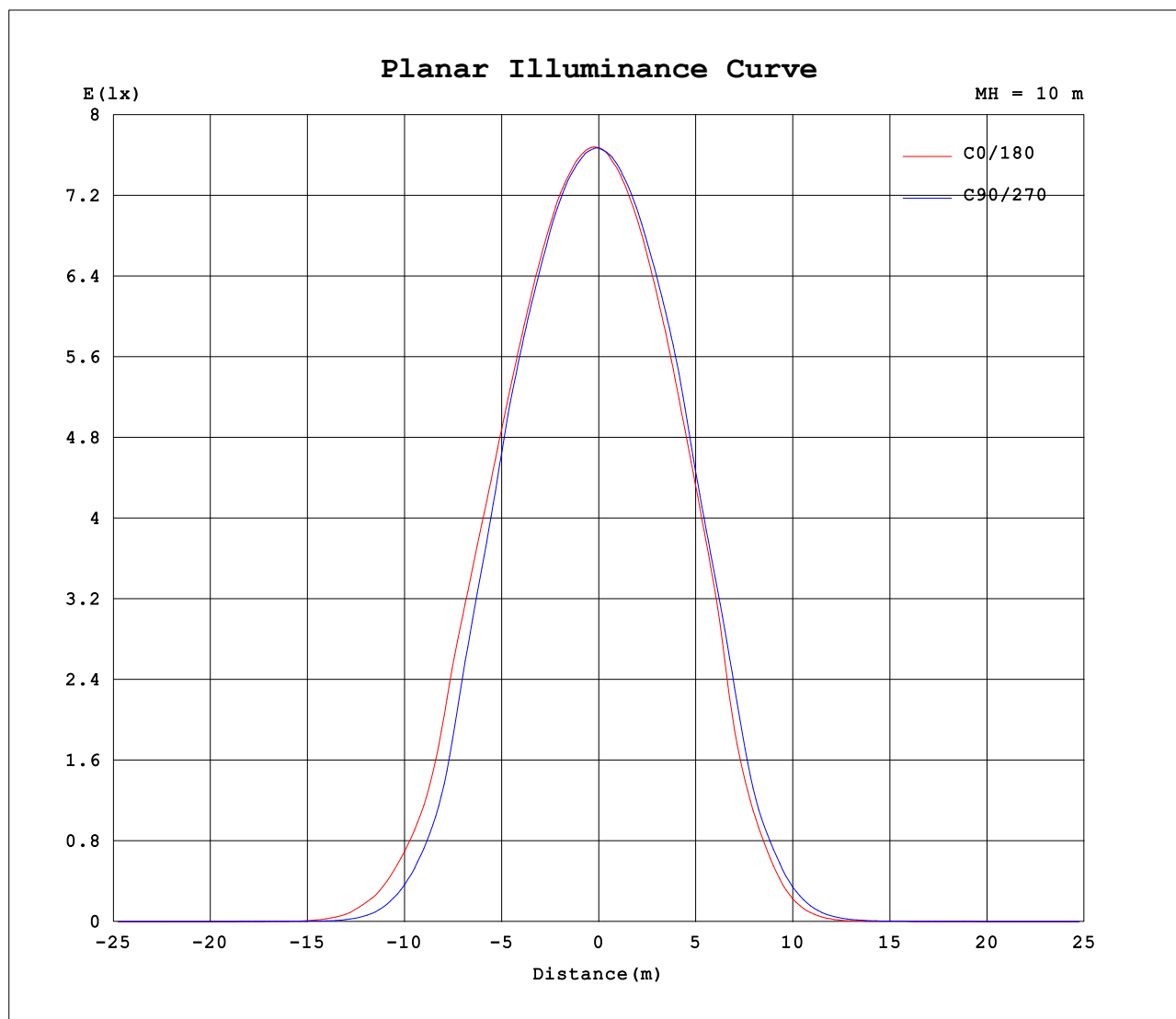
AvgL	cd/m2
L_0~180 (65) av	287
L_0~180 (75) av	272
L_0~180 (85) av	443
L_90~270 (65) av	455
L_90~270 (75) av	443
L_90~270 (85) av	645
L_45 (65) av	394
L_45 (75) av	394
L_45 (85) av	705

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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767
5	769	770	770	770	770	770	770	770	769	769	769	769	768	768	767	767	767	766	766
10	766	766	766	766	766	766	766	765	765	765	765	764	764	763	763	762	762	761	760
15	755	755	756	756	756	757	757	756	756	756	755	754	753	752	750	749	748	746	745
20	732	733	733	734	734	734	734	734	733	733	732	731	729	728	727	725	723	722	720
25	697	698	698	699	699	698	698	697	697	696	694	692	690	688	686	683	681	679	676
30	641	644	647	648	649	649	648	647	644	641	635	628	620	613	605	598	591	585	579
35	552	559	565	569	571	572	571	569	565	560	548	535	521	506	492	478	465	453	444
40	357	380	400	416	429	438	443	445	444	438	418	396	371	345	320	295	271	250	233
45	197	221	241	258	271	281	288	291	291	287	270	251	229	207	184	161	140	120	104
50	75.3	86.1	95.4	103	109	113	116	118	117	115	107	96.9	86.3	75.1	63.9	52.8	42.4	32.8	24.7
55	12.1	18.4	24.0	28.7	32.6	35.7	38.1	39.6	40.4	40.3	37.3	33.6	29.5	25.1	20.5	16.0	11.7	7.74	4.31
60	2.27	4.25	6.00	7.53	8.82	9.89	10.7	11.3	11.7	11.9	11.2	10.4	9.45	8.38	7.25	6.10	4.97	3.91	2.95
65	1.78	1.82	1.86	1.89	1.92	1.96	1.99	2.02	2.05	2.08	2.11	2.14	2.17	2.20	2.22	2.24	2.26	2.27	2.27
70	1.42	1.44	1.45	1.47	1.49	1.51	1.52	1.54	1.56	1.58	1.60	1.63	1.65	1.68	1.70	1.72	1.73	1.74	1.75
75	1.11	1.13	1.15	1.17	1.19	1.20	1.22	1.23	1.24	1.26	1.27	1.28	1.29	1.30	1.30	1.31	1.31	1.31	1.31
80	0.83	0.86	0.88	0.90	0.92	0.94	0.96	0.97	0.98	0.98	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.90
85	0.63	0.66	0.68	0.70	0.72	0.73	0.74	0.75	0.75	0.76	0.75	0.73	0.72	0.70	0.69	0.67	0.66	0.64	0.63
90	13.9	13.6	13.1	12.7	12.2	11.6	11.0	10.3	9.65	8.91	7.89	6.85	5.80	4.75	3.73	2.75	1.83	0.99	0.24
95	41.9	42.9	43.4	43.6	43.4	42.9	41.9	40.6	38.9	36.9	32.9	28.7	24.3	20.0	15.7	11.5	7.73	4.35	1.49
100	83.7	83.1	82.1	80.8	79.0	76.8	74.2	71.2	67.9	64.1	57.6	50.9	44.2	37.5	31.2	25.3	20.0	15.4	11.9
105	106	105	104	102	99.6	97.0	93.9	90.4	86.5	82.1	74.7	67.0	59.3	51.7	44.5	37.8	31.9	26.9	23.0
110	127	127	125	123	121	118	115	111	106	101	93.0	84.4	75.7	67.2	59.1	51.6	45.0	39.3	35.0
115	152	150	148	146	143	139	135	130	125	120	111	101	91.4	82.1	73.2	65.0	57.8	51.7	47.1
120	172	170	168	165	161	157	152	147	142	136	126	116	106	95.8	86.5	77.9	70.3	64.0	59.2
125	191	189	185	182	177	173	168	162	156	150	139	129	118	108	98.8	90.1	82.4	76.1	71.3
130	207	203	199	195	190	184	179	173	166	159	149	139	129	119	109	101	93.7	87.7	83.3
135	218	213	208	202	197	191	185	179	172	165	156	146	136	127	118	111	104	98.8	95.0
140	220	215	210	204	198	193	187	181	174	168	159	151	142	134	126	120	114	109	106
145	215	210	205	200	195	190	185	179	174	169	161	154	147	140	134	128	123	120	117
150	204	200	196	193	189	184	180	176	172	168	162	156	150	145	140	135	132	129	127
155	192	189	187	184	181	178	175	172	169	166	161	157	153	149	145	142	139	137	136
160	180	178	177	175	173	171	169	167	165	163	160	158	155	152	150	147	146	144	143
165	170	169	168	167	166	165	164	163	162	161	160	158	156	155	154	152	151	151	150
170	163	162	162	162	162	161	161	160	160	159	159	158	157	157	156	156	155	155	155
175	159	159	159	159	159	159	159	159	158	158	158	158	158	158	158	157	157	157	157
180	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157

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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767
5	766	765	765	765	764	764	764	763	763	762	762	761	761	760	760	759	758	758	758
10	760	759	758	757	756	755	754	753	752	751	750	749	747	746	745	744	743	742	742
15	744	743	742	741	740	739	738	736	735	733	731	729	727	725	723	722	720	719	718
20	719	717	716	714	713	711	709	707	705	703	700	697	694	691	689	687	684	683	682
25	675	673	672	670	669	667	665	663	661	657	652	648	644	639	636	632	629	626	626
30	580	582	584	587	590	593	595	597	599	593	587	580	573	566	559	553	547	542	543
35	448	454	461	469	477	484	491	496	498	483	466	447	428	409	390	373	358	346	353
40	243	256	272	289	306	324	340	354	366	350	331	310	288	266	244	223	205	190	200
45	110	118	129	141	154	167	179	189	198	186	171	156	139	122	105	89.8	75.9	64.3	71.7
50	27.5	31.7	36.9	42.8	49.0	55.3	61.2	66.6	70.9	65.4	58.9	51.6	44.0	36.4	28.9	22.0	15.9	11.0	15.8
55	5.57	7.38	9.61	12.1	14.8	17.5	20.1	22.4	24.4	22.5	20.1	17.5	14.7	11.9	9.15	6.55	4.26	2.37	4.05
60	3.04	3.26	3.56	3.94	4.36	4.79	5.22	5.61	5.94	5.56	5.12	4.63	4.11	3.58	3.07	2.59	2.16	1.80	2.03
65	2.26	2.25	2.23	2.20	2.17	2.14	2.09	2.05	2.00	1.91	1.82	1.74	1.65	1.57	1.50	1.45	1.40	1.37	1.44
70	1.75	1.74	1.73	1.71	1.69	1.66	1.63	1.60	1.56	1.48	1.41	1.34	1.26	1.20	1.14	1.09	1.05	1.03	1.08
75	1.31	1.30	1.29	1.28	1.26	1.25	1.22	1.20	1.17	1.11	1.05	0.99	0.92	0.87	0.82	0.77	0.74	0.72	0.77
80	0.91	0.91	0.91	0.91	0.90	0.90	0.89	0.88	0.87	0.83	0.78	0.73	0.68	0.63	0.59	0.56	0.53	0.51	0.55
85	0.64	0.65	0.67	0.68	0.69	0.70	0.71	0.71	0.71	0.67	0.63	0.59	0.54	0.50	0.46	0.42	0.39	0.37	0.40
90	0.28	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.68	0.65	0.61	0.56	0.50	0.45	0.40	0.35	0.31	0.28	0.32
95	2.24	3.52	5.24	7.28	9.53	11.9	14.3	16.5	18.6	17.9	17.1	16.0	14.8	13.6	12.3	11.2	10.2	9.46	11.0
100	14.4	17.8	21.9	26.5	31.5	36.7	41.7	46.5	50.8	50.3	49.2	47.6	45.8	43.8	41.7	39.6	37.7	36.2	38.3
105	25.8	29.6	34.4	39.9	45.9	52.3	58.8	65.2	71.4	74.2	76.5	78.5	80.0	81.2	82.0	82.5	82.7	82.5	82.8
110	38.0	42.2	47.5	53.7	60.5	67.7	75.2	82.6	89.8	93.8	97.3	100	103	105	107	108	109	109	109
115	50.6	55.5	61.6	68.7	76.4	84.5	92.9	101	109	113	117	120	123	125	126	127	128	128	128
120	63.0	68.4	75.0	82.6	90.9	99.7	109	118	126	131	135	139	142	144	146	148	148	149	148
125	75.4	81.0	87.9	95.9	105	114	123	133	142	147	152	156	160	163	165	167	168	168	168
130	87.4	93.0	100.0	108	117	126	136	145	155	160	166	170	175	178	181	183	185	185	184
135	98.8	104	111	118	127	136	145	154	163	170	176	181	186	190	194	196	198	199	198
140	110	114	120	127	135	143	151	160	168	175	181	187	193	197	201	205	207	209	207
145	120	124	129	135	141	148	155	163	170	177	183	189	194	199	203	207	209	211	209
150	129	132	136	141	146	152	158	164	170	176	181	186	191	195	199	202	204	206	204
155	137	140	143	146	150	155	159	164	168	173	177	181	185	188	191	193	195	196	194
160	144	146	148	151	154	157	160	163	166	169	172	175	177	180	182	183	184	185	184
165	151	152	153	155	156	158	160	162	164	166	167	169	170	171	173	173	174	175	174
170	155	156	156	157	158	159	160	160	161	162	163	164	164	165	165	166	166	166	166
175	157	158	158	158	158	159	159	159	159	160	160	160	160	160	160	160	160	160	160
180	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157

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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767
5	758	757	757	757	757	757	758	758	758	758	759	759	760	760	761	761	762	762	763
10	742	742	742	742	742	742	743	743	744	745	745	746	747	748	749	750	751	752	752
15	718	718	718	718	719	719	720	721	722	724	725	726	728	730	731	733	734	735	736
20	682	682	682	683	684	685	687	688	690	693	695	697	700	702	705	707	709	711	712
25	627	628	630	632	634	637	639	642	643	643	644	645	646	647	648	649	651	654	657
30	545	548	552	556	560	564	568	572	571	569	567	565	564	562	561	561	561	567	574
35	363	375	389	404	419	434	448	461	459	455	450	445	439	433	429	425	422	432	443
40	214	230	248	266	285	303	319	333	324	312	299	285	271	257	245	235	228	244	262
45	81.5	93.0	106	119	133	146	158	168	162	154	144	135	125	116	108	101	97.2	111	127
50	21.7	28.5	35.8	43.3	50.8	57.9	64.3	69.7	65.8	60.9	55.3	49.2	43.1	37.1	31.6	26.8	23.1	28.0	34.0
55	6.15	8.55	11.1	13.8	16.5	19.0	21.2	23.1	21.6	19.7	17.5	15.2	12.9	10.6	8.41	6.54	5.03	6.76	8.87
60	2.33	2.69	3.10	3.52	3.96	4.38	4.78	5.13	5.01	4.84	4.64	4.43	4.20	3.98	3.78	3.62	3.51	3.88	4.30
65	1.53	1.62	1.73	1.84	1.97	2.09	2.21	2.33	2.40	2.47	2.54	2.59	2.64	2.67	2.70	2.72	2.73	2.70	2.67
70	1.15	1.23	1.32	1.42	1.52	1.62	1.72	1.82	1.89	1.95	2.00	2.05	2.09	2.13	2.15	2.17	2.18	2.17	2.14
75	0.83	0.90	0.97	1.05	1.14	1.23	1.31	1.40	1.45	1.49	1.53	1.57	1.60	1.63	1.65	1.66	1.67	1.67	1.66
80	0.60	0.65	0.71	0.78	0.85	0.91	0.98	1.04	1.08	1.11	1.13	1.15	1.17	1.18	1.19	1.20	1.21	1.22	1.22
85	0.44	0.49	0.54	0.59	0.65	0.70	0.75	0.80	0.82	0.83	0.83	0.84	0.84	0.84	0.83	0.83	0.83	0.85	0.86
90	0.36	0.42	0.48	0.54	0.60	0.65	0.70	0.75	0.65	0.63	0.60	0.57	0.54	0.51	0.48	0.46	0.44	1.11	1.88
95	12.7	14.6	16.5	18.4	20.1	21.7	22.9	23.7	21.4	18.8	15.9	12.9	9.92	7.09	4.51	2.30	0.58	2.19	4.32
100	40.6	43.2	45.7	48.2	50.4	52.2	53.5	54.2	50.0	45.2	40.0	34.6	29.2	23.9	19.1	14.7	11.1	12.1	13.9
105	82.8	82.4	81.7	80.7	79.2	77.4	75.1	72.3	66.3	60.0	53.6	47.2	41.0	35.2	30.0	25.5	21.9	23.4	25.8
110	108	107	106	103	101	97.8	94.2	90.3	83.1	75.7	68.2	60.9	53.9	47.5	41.8	37.1	33.5	36.1	39.9
115	127	126	125	123	120	117	113	109	101	92.5	84.1	75.8	67.9	60.7	54.3	49.1	45.3	49.1	54.4
120	147	146	144	141	138	135	130	126	117	108	98.5	89.5	81.0	73.2	66.4	60.8	56.7	61.1	67.0
125	166	164	162	159	155	151	146	140	131	122	112	103	93.6	85.5	78.5	72.7	68.5	72.9	78.8
130	183	180	177	174	169	165	159	153	144	134	124	115	106	97.8	90.8	85.0	80.7	84.7	90.2
135	196	193	189	184	179	173	167	161	152	142	133	124	116	108	102	96.4	92.5	95.9	101
140	204	200	195	190	184	178	172	165	156	148	140	132	124	118	112	107	104	107	111
145	205	201	197	191	185	179	173	166	159	151	144	138	132	126	121	118	115	117	120
150	201	197	193	188	183	177	171	166	160	154	148	143	138	134	131	128	126	127	130
155	192	189	186	182	178	173	169	164	160	156	152	148	144	141	138	136	135	136	137
160	182	180	177	175	172	169	165	162	159	157	154	151	149	147	145	144	143	143	144
165	173	171	170	168	166	164	163	161	159	157	156	154	153	152	151	150	149	149	150
170	165	164	164	163	162	161	160	159	158	158	157	156	156	155	155	154	154	154	154
175	160	160	160	159	159	159	159	158	158	158	158	157	157	157	157	157	157	157	157
180	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157

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:0.1310A P:15.60W PF:0.9900 Freq:60.00Hz Lamp Flux:1711.63x1 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	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767				
5	763	764	764	764	765	765	766	766	766	767	767	768	768	769	769				
10	753	754	754	755	756	756	757	758	759	760	761	762	763	764	765				
15	737	738	739	739	740	741	742	743	744	746	747	748	750	751	753				
20	713	714	715	716	717	718	719	720	721	723	724	726	727	729	730				
25	661	664	668	671	675	679	682	684	687	689	691	692	694	695	696				
30	581	589	597	604	612	620	627	631	634	637	639	641	642	642	642				
35	455	469	482	496	510	523	536	542	548	552	555	557	558	557	555				
40	283	305	328	351	373	393	412	417	420	420	417	411	402	390	375				
45	144	163	182	201	219	235	250	254	256	255	252	246	238	227	213				
50	40.8	48.2	56.0	63.9	71.6	79.0	85.6	88.1	89.6	90.3	90.0	88.9	86.8	83.9	80.0				
55	11.3	13.8	16.5	19.1	21.6	23.9	25.8	26.0	25.8	25.1	24.0	22.5	20.5	18.2	15.4				
60	4.74	5.19	5.63	6.05	6.42	6.72	6.94	6.82	6.61	6.29	5.87	5.35	4.73	4.01	3.19				
65	2.63	2.58	2.52	2.46	2.40	2.33	2.26	2.21	2.16	2.10	2.05	2.00	1.94	1.89	1.84				
70	2.12	2.08	2.04	2.00	1.95	1.90	1.84	1.80	1.76	1.71	1.67	1.62	1.57	1.52	1.47				
75	1.65	1.63	1.61	1.58	1.55	1.52	1.49	1.45	1.42	1.38	1.34	1.30	1.26	1.21	1.16				
80	1.23	1.23	1.23	1.22	1.22	1.21	1.19	1.17	1.14	1.11	1.07	1.03	0.99	0.94	0.88				
85	0.88	0.89	0.91	0.92	0.92	0.93	0.93	0.91	0.90	0.87	0.84	0.81	0.77	0.73	0.68				
90	2.72	3.61	4.55	5.52	6.50	7.48	8.44	9.18	9.88	10.6	11.2	11.8	12.4	12.9	13.4				
95	6.89	9.83	13.0	16.4	20.0	23.5	27.0	29.2	31.3	33.3	35.1	36.7	38.2	39.6	40.9				
100	16.5	19.7	23.5	27.8	32.4	37.3	42.5	46.6	50.8	55.1	59.6	64.2	68.8	73.7	78.6				
105	29.2	33.3	38.0	43.2	48.9	54.9	61.0	65.7	70.5	75.3	80.2	85.2	90.2	95.3	100				
110	44.8	50.5	56.9	63.8	71.1	78.5	86.0	91.2	96.2	101	106	110	115	119	123				
115	60.8	68.2	76.4	85.0	94.0	103	112	118	123	128	133	137	142	145	149				
120	74.2	82.5	91.5	101	111	121	131	137	143	148	153	158	162	166	169				
125	86.1	94.5	104	114	124	134	144	151	157	163	169	174	179	183	188				
130	97.1	105	114	124	134	144	154	161	168	174	180	186	192	197	202				
135	107	114	122	131	140	150	159	166	173	180	186	193	199	205	212				
140	116	122	129	137	145	153	162	168	175	181	188	194	201	207	214				
145	125	130	135	142	148	155	162	168	174	179	185	191	197	203	209				
150	133	136	141	146	151	156	162	166	171	175	180	185	189	194	199				
155	140	142	145	149	152	156	160	164	167	170	174	177	181	184	188				
160	146	147	149	152	154	156	159	161	163	166	168	170	173	175	177				
165	151	151	153	154	155	156	158	159	160	162	163	164	166	167	168				
170	155	155	155	156	156	157	157	158	158	159	160	160	161	161	162				
175	157	157	157	157	157	157	157	158	158	158	158	158	158	158	159				
180	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157				

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: