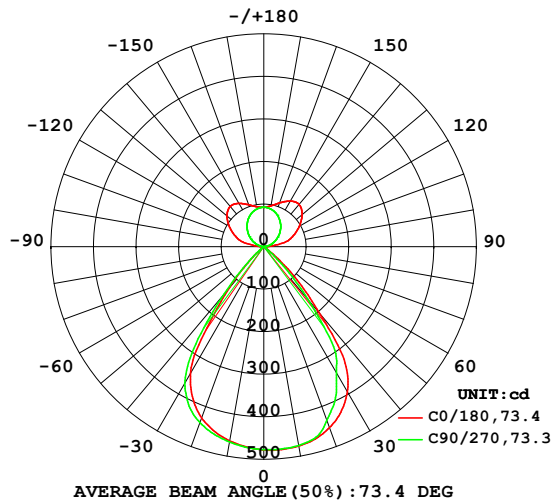


LUMINAIRE PHOTOMETRIC TEST REPORT

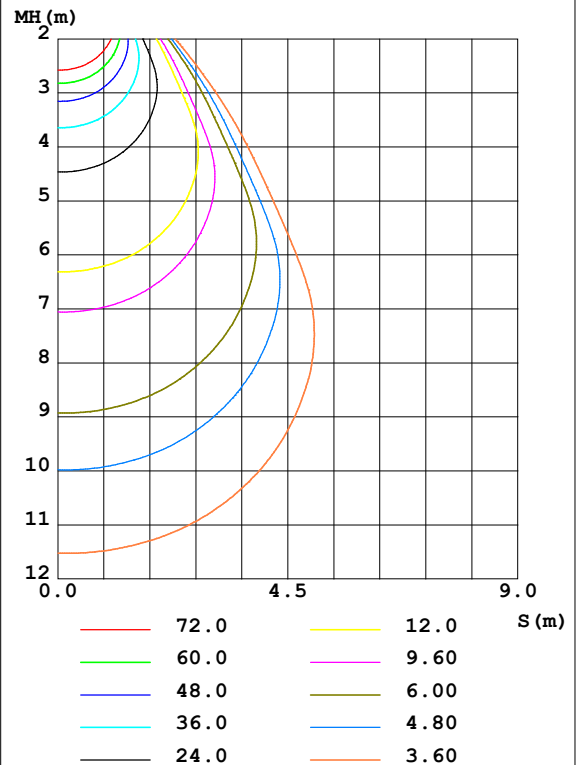
Test:U:119.3V I:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.20 lm/W			
MODEL		I _{max} (cd)	478.9	S/MH (C0/180)	1.12
NOMINAL POWER(W)	9W	LOR(%)	100.0	S/MH (C90/270)	1.05
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1045.8	η UP,DN (C0-180)	19.2,31.2
NOMINAL FLUX(lm)	1045.83	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	19.1,30.6
LAMPS INSIDE	1	η up (%)	38.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120.0	η down (%)	61.7	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:

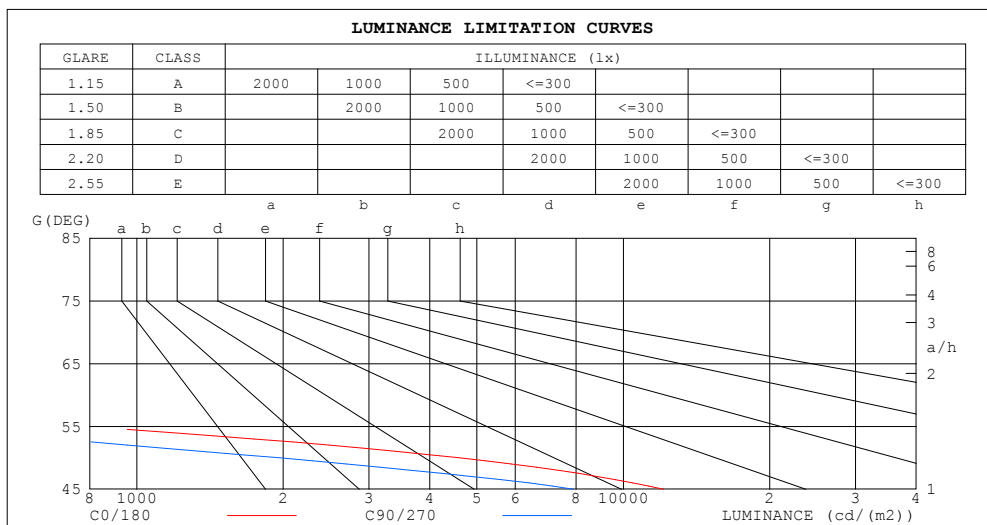
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	475.8	476.3	474.5	469.8	463.5	462.3	466.0	469.5	0- 10	45.20	45.20	4.32,4.32
20	452.8	455.5	434.4	442.6	428.1	429.2	439.9	444.0	10- 20	129.4	174.6	16.7,16.7
30	393.4	376.2	341.5	364.0	345.0	360.8	371.6	384.1	20- 30	188.2	362.8	34.7,34.7
40	204.5	247.6	160.6	228.5	126.2	227.9	146.1	258.9	30- 40	182.3	545.0	52.1,52.1
50	38.20	71.20	16.28	43.10	8.832	48.15	11.65	55.26	40- 50	85.19	630.2	60.3,60.3
60	1.350	7.855	2.171	4.325	1.038	2.834	1.293	4.100	50- 60	12.77	643.0	61.5,61.5
70	0.8286	1.181	1.330	1.167	0.5469	0.6589	0.7795	0.7341	60- 70	1.423	644.4	61.6,61.6
80	0.4822	0.7190	0.7246	0.6390	0.2638	0.3900	0.4235	0.4652	70- 80	0.7379	645.2	61.7,61.7
90	2.924	0.5118	0.0029	1.602	0.9856	4.177	0.1054	2.164	80- 90	0.5154	645.7	61.7,61.7
100	39.24	32.97	6.998	34.89	35.78	36.61	6.641	33.87	90-100	14.83	660.5	63.2,63.2
110	73.18	55.34	20.49	56.00	70.26	57.57	19.92	55.32	100-110	42.57	703.1	67.2,67.2
120	97.03	77.13	34.65	76.00	93.20	77.32	33.67	76.14	110-120	60.29	763.4	73,73
130	117.9	93.71	48.79	89.81	113.1	90.53	47.78	91.27	120-130	70.59	834.0	79.7,79.7
140	129.7	101.1	62.31	95.49	123.4	95.16	61.59	97.79	130-140	70.69	904.7	86.5,86.5
150	123.8	101.7	74.44	95.95	117.7	94.94	74.25	98.42	140-150	60.73	965.4	92.3,92.3
160	109.8	98.92	84.24	94.50	105.1	93.39	84.22	96.32	150-160	44.69	1010	96.6,96.6
170	97.69	95.45	90.72	93.19	95.61	92.53	90.71	93.99	160-170	26.84	1037	99.1,99.1
180	92.16	92.16	92.16	92.16	92.16	92.16	92.16	92.16	170-180	8.909	1046	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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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	299	428
80	214	321
75	191	297
70	186	299
65	190	308
60	208	334
55	770	416
50	4571	1948
45	12107	7903

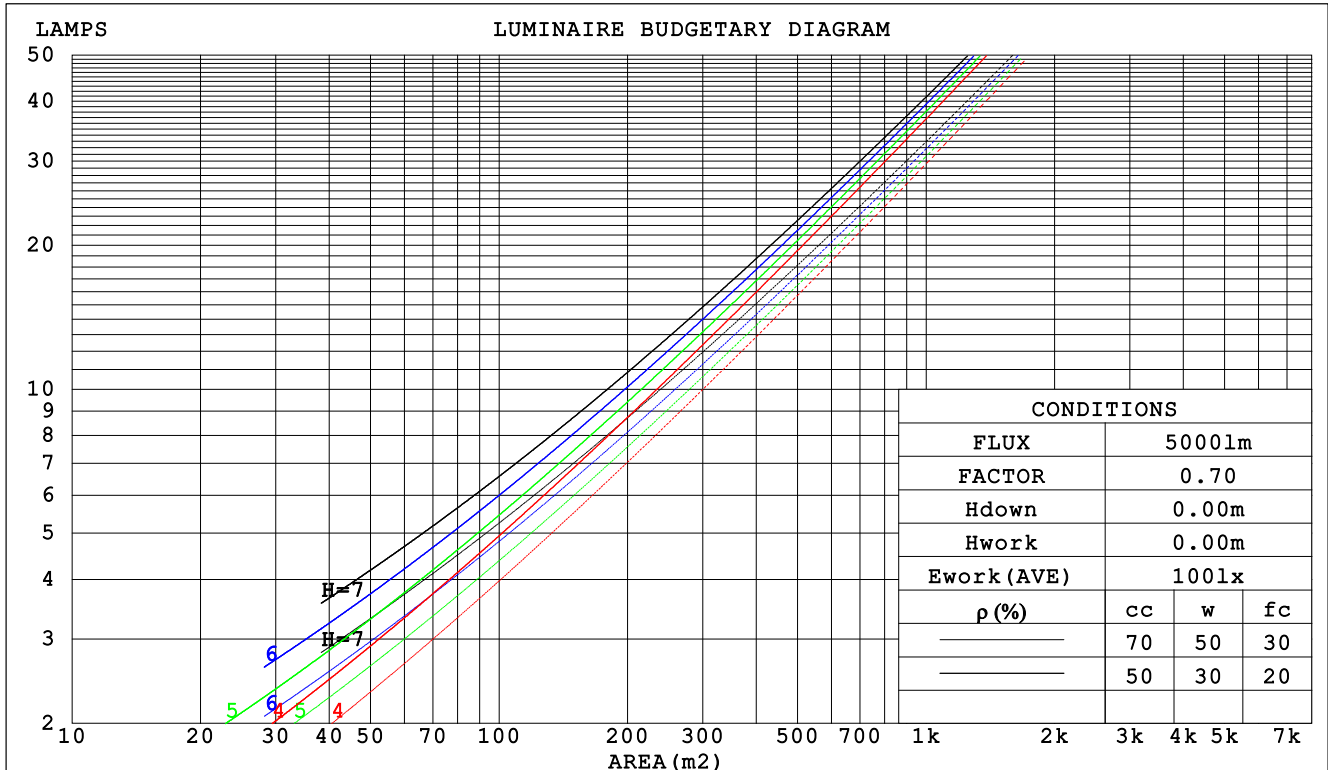
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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	.67	.67	.67	.62
1.0	.99	.96	.94	.94	.91	.89	.83	.81	.79	.72	.71	.70	.63	.62	.61	.57
2.0	.90	.85	.81	.85	.81	.77	.76	.73	.70	.67	.65	.63	.59	.57	.56	.52
3.0	.82	.76	.71	.77	.72	.68	.69	.65	.62	.62	.59	.57	.55	.53	.51	.48
4.0	.75	.68	.63	.71	.65	.61	.64	.59	.56	.57	.54	.51	.51	.49	.47	.44
5.0	.68	.61	.56	.65	.59	.54	.59	.54	.50	.53	.49	.46	.48	.45	.43	.40
6.0	.62	.56	.51	.60	.53	.49	.54	.49	.46	.49	.45	.42	.44	.41	.39	.37
7.0	.57	.51	.46	.55	.49	.44	.50	.45	.41	.46	.42	.39	.41	.38	.36	.34
8.0	.53	.46	.42	.51	.45	.40	.46	.41	.38	.42	.38	.36	.39	.36	.33	.31
9.0	.49	.42	.38	.47	.41	.37	.43	.38	.35	.40	.36	.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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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	.200	.114	.036	.165	.095	.030	.134	.077	.025	.104	.060	.020		
2.0	.206	.113	.035	.190	.105	.032	.159	.088	.027	.130	.073	.023	.104	.059	.018		
3.0	.195	.104	.031	.180	.096	.029	.152	.082	.025	.126	.069	.021	.101	.056	.017		
4.0	.184	.095	.028	.170	.089	.026	.144	.077	.023	.121	.065	.020	.098	.053	.016		
5.0	.174	.088	.026	.161	.083	.024	.138	.072	.021	.116	.061	.018	.095	.051	.015		
6.0	.164	.082	.024	.153	.077	.022	.131	.067	.020	.111	.058	.017	.092	.048	.014		
7.0	.156	.077	.022	.145	.072	.021	.125	.063	.018	.106	.054	.016	.088	.046	.013		
8.0	.148	.072	.020	.138	.068	.019	.119	.059	.017	.102	.051	.015	.085	.044	.013		
9.0	.140	.068	.019	.131	.064	.018	.114	.056	.016	.097	.049	.014	.082	.042	.012		
10.0	.133	.064	.018	.125	.060	.017	.109	.053	.015	.093	.046	.013	.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	.482	.482	.482	.412	.412	.412	.281	.281	.281	.162	.162	.162	.052	.052	.052	
1.0	.468	.451	.436	.400	.387	.375	.274	.266	.259	.158	.154	.151	.050	.050	.049	
2.0	.457	.428	.404	.391	.369	.349	.268	.255	.244	.155	.148	.143	.050	.048	.047	
3.0	.447	.411	.382	.384	.355	.332	.263	.246	.233	.152	.144	.137	.049	.047	.045	
4.0	.440	.398	.367	.377	.344	.319	.259	.240	.224	.150	.140	.133	.048	.046	.044	
5.0	.433	.388	.355	.371	.336	.309	.256	.235	.218	.148	.138	.130	.048	.045	.043	
6.0	.426	.380	.347	.366	.329	.302	.253	.230	.214	.147	.136	.127	.047	.044	.042	
7.0	.421	.374	.341	.362	.324	.297	.250	.227	.210	.145	.134	.125	.047	.044	.041	
8.0	.415	.368	.336	.358	.319	.293	.247	.224	.208	.144	.132	.124	.047	.043	.041	
9.0	.410	.363	.332	.354	.315	.289	.245	.222	.205	.143	.131	.123	.046	.043	.041	
10.0	.406	.360	.329	.350	.312	.287	.243	.220	.204	.142	.130	.122	.046	.043	.040	

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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	16.3	17.1	17.0	17.8	18.7	15.2	16.1	15.9	16.8	17.6
3H	16.0	16.8	16.8	17.5	18.4	14.9	15.7	15.7	16.4	17.3
4H	15.9	16.6	16.6	17.3	18.2	14.8	15.5	15.5	16.2	17.1
6H	15.7	16.3	16.5	17.1	18.1	14.6	15.3	15.4	16.0	17.0
8H	15.6	16.2	16.4	17.0	18.0	14.5	15.2	15.3	15.9	16.9
12H	15.5	16.1	16.4	16.9	17.9	14.5	15.0	15.3	15.8	16.8
4H 2H	15.9	16.6	16.6	17.3	18.2	14.8	15.5	15.6	16.3	17.2
3H	15.6	16.1	16.4	16.9	17.9	14.5	15.1	15.3	15.9	16.8
4H	15.4	15.9	16.2	16.7	17.7	14.3	14.9	15.2	15.7	16.7
6H	15.2	15.7	16.1	16.5	17.6	14.2	14.6	15.0	15.5	16.5
8H	15.1	15.6	16.0	16.4	17.5	14.1	14.5	15.0	15.4	16.4
12H	15.1	15.4	16.0	16.3	17.4	14.0	14.4	14.9	15.3	16.3
8H 4H	15.1	15.6	16.0	16.4	17.5	14.1	14.5	15.0	15.4	16.4
6H	15.0	15.3	15.9	16.2	17.3	13.9	14.2	14.8	15.1	16.2
8H	14.9	15.2	15.8	16.1	17.2	13.8	14.1	14.7	15.0	16.2
12H	14.8	15.0	15.7	16.0	17.1	13.7	14.0	14.7	14.9	16.1
12H 4H	15.1	15.4	15.9	16.3	17.4	14.0	14.4	14.9	15.2	16.3
6H	14.9	15.2	15.8	16.1	17.2	13.8	14.1	14.7	15.0	16.2
8H	14.8	15.0	15.7	16.0	17.1	13.7	14.0	14.7	14.9	16.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -16.1					+ 2.8 / -14.7				
1.5H	+ 3.4 / - 9.1					+ 3.5 / -13.1				
2.0H	+ 6.5 / -15.9					+ 6.1 / -11.9				

CIE Pub.117 Corrected 1046 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

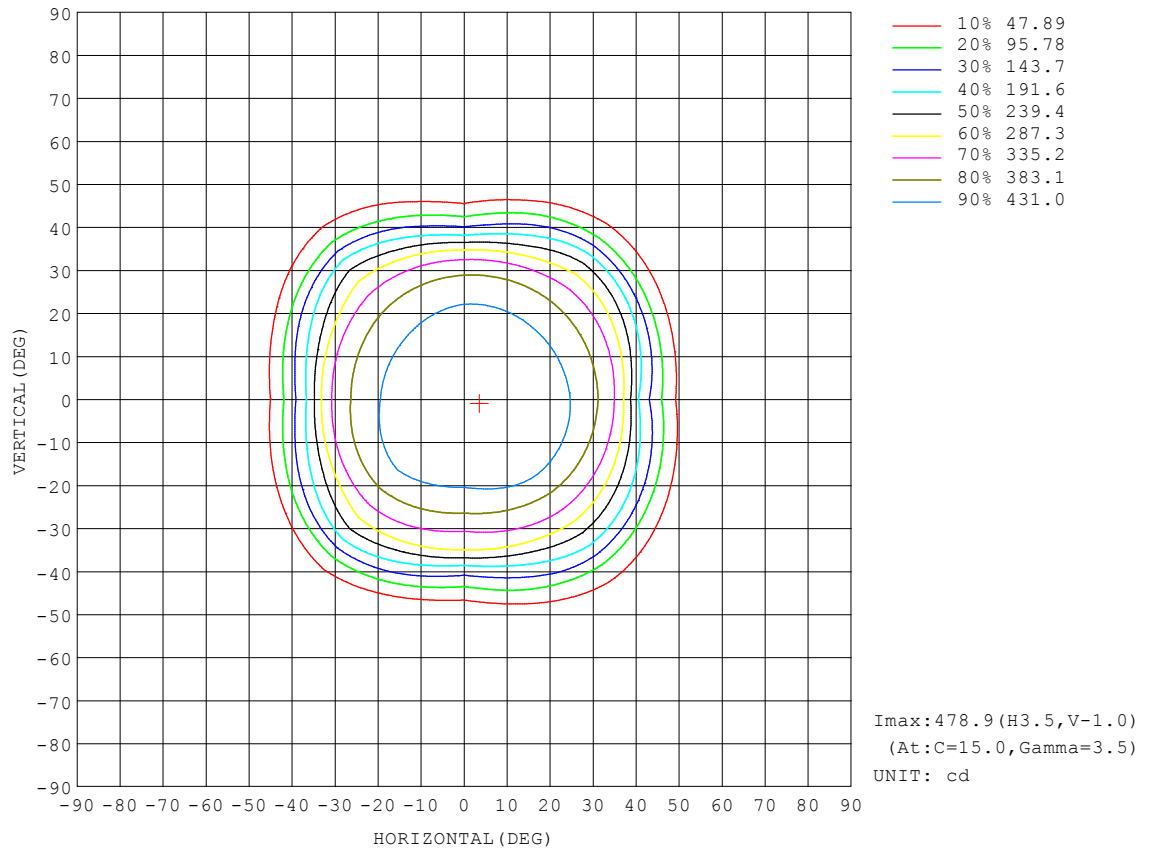
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	62	53	48	60	52	48	57	50	46	40
0.80	70	62	56	68	60	55	63	57	53	46
1.00	77	68	63	74	66	61	68	63	58	49
1.25	82	74	69	79	72	67	72	67	63	53
1.50	86	78	73	82	76	71	75	70	66	54
2.00	91	84	79	87	81	76	78	74	71	56
2.50	94	88	83	89	84	80	80	76	73	57
3.00	97	91	86	91	87	83	82	78	76	58
4.00	100	95	91	94	90	87	84	81	79	59
5.00	102	98	94	96	93	90	85	83	81	60
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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

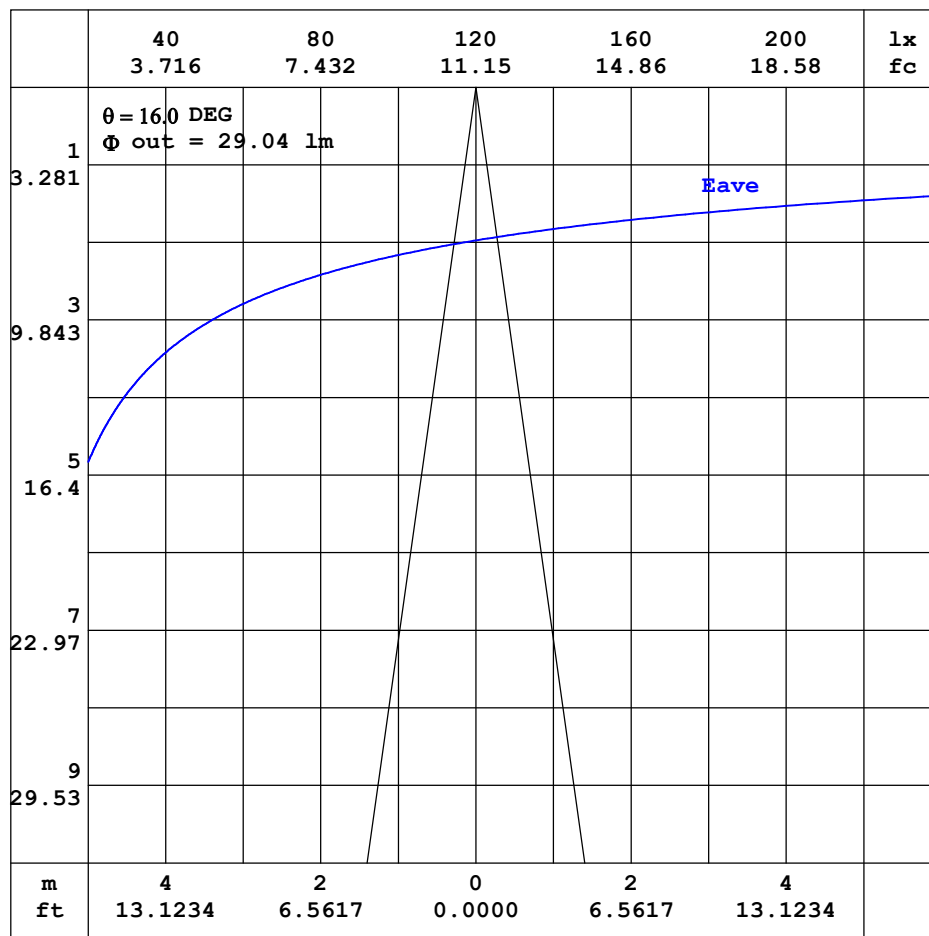


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



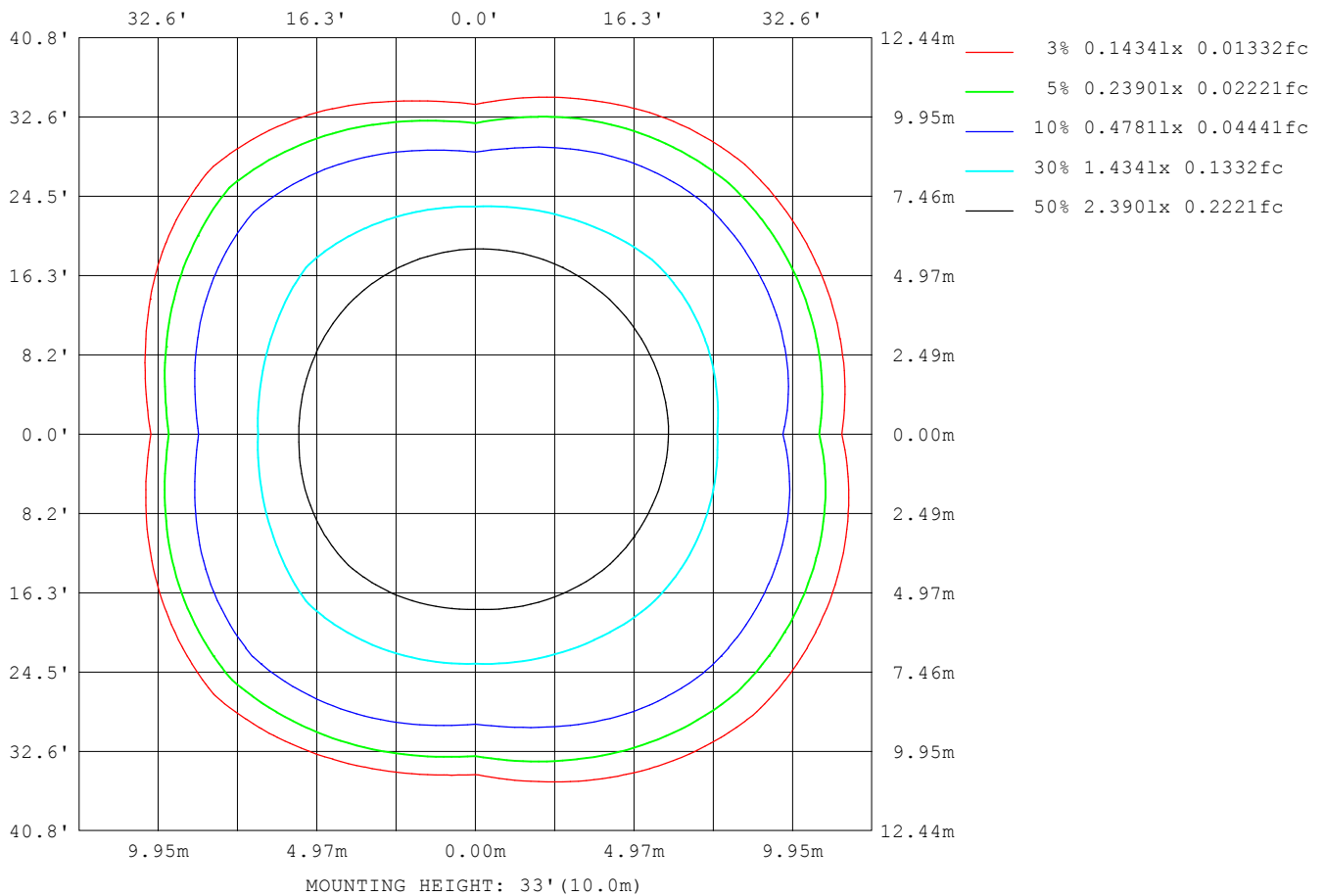
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 lm		
NAME: 1FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

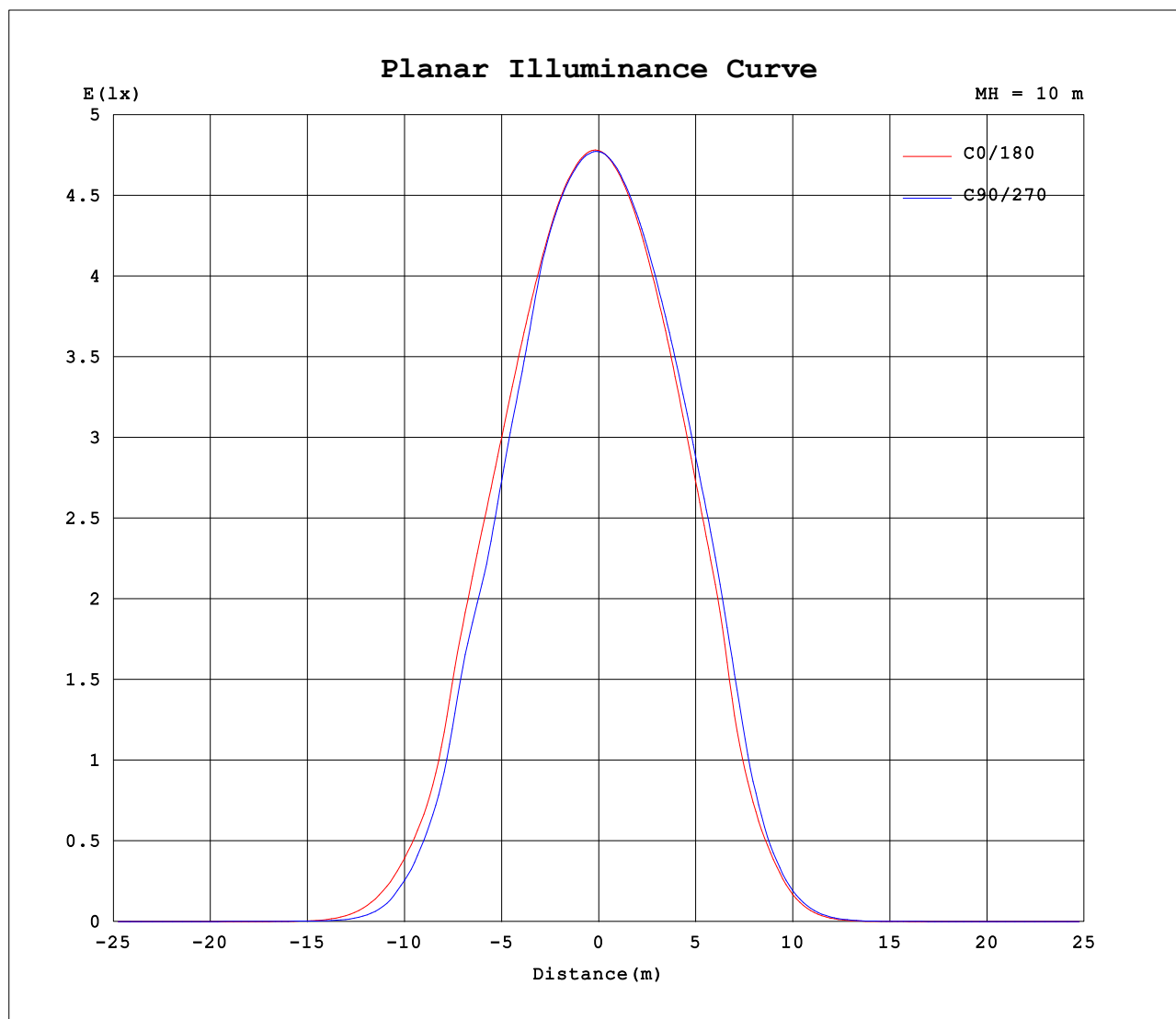
AvgL	cd/m2
L_0~180 (65) av	163
L_0~180 (75) av	152
L_0~180 (85) av	224
L_90~270 (65) av	244
L_90~270 (75) av	237
L_90~270 (85) av	346
L_45 (65) av	216
L_45 (75) av	215
L_45 (85) av	387

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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	478	478	478	478	477	477	477	477	477	477	477	477	477	477	477	477	477	477	477
5	479	479	479	479	479	479	479	479	479	479	479	478	478	478	478	478	478	478	478
10	476	476	476	476	476	476	476	476	476	476	476	476	476	476	476	475	475	475	474
15	468	468	469	469	470	470	470	470	470	470	470	469	469	469	468	467	467	466	466
20	453	454	455	456	457	457	457	457	456	455	453	451	448	446	443	441	438	436	434
25	429	430	430	430	429	429	428	427	426	424	421	418	414	411	408	405	402	400	398
30	393	392	391	390	388	386	384	382	379	376	372	367	363	358	354	350	347	344	341
35	334	334	333	332	331	330	328	326	324	321	317	313	309	304	300	296	293	289	287
40	205	216	225	233	240	245	248	249	249	248	239	229	219	208	197	186	177	168	161
45	111	125	136	146	154	160	165	167	168	166	158	148	137	126	114	102	91.3	81.3	72.7
50	38.2	46.2	53.1	59.0	63.7	67.4	70.0	71.5	71.9	71.2	66.3	60.6	54.3	47.6	40.7	33.9	27.4	21.4	16.3
55	5.74	10.4	14.6	18.1	21.1	23.6	25.4	26.7	27.4	27.5	25.6	23.2	20.5	17.5	14.4	11.3	8.31	5.54	3.10
60	1.35	2.67	3.85	4.87	5.75	6.47	7.04	7.46	7.73	7.86	7.46	6.94	6.33	5.64	4.92	4.18	3.46	2.78	2.17
65	1.04	1.11	1.16	1.22	1.27	1.32	1.37	1.41	1.45	1.49	1.53	1.56	1.59	1.62	1.64	1.66	1.67	1.68	1.69
70	0.83	0.88	0.92	0.97	1.01	1.05	1.09	1.12	1.15	1.18	1.21	1.24	1.26	1.28	1.30	1.31	1.32	1.33	1.33
75	0.64	0.68	0.72	0.76	0.80	0.83	0.86	0.88	0.91	0.93	0.95	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00
80	0.48	0.52	0.55	0.59	0.62	0.64	0.67	0.69	0.70	0.72	0.73	0.74	0.74	0.74	0.74	0.74	0.74	0.73	0.72
85	0.34	0.38	0.41	0.44	0.47	0.49	0.51	0.53	0.54	0.55	0.55	0.55	0.54	0.54	0.53	0.52	0.51	0.50	0.48
90	2.92	2.56	2.22	1.91	1.62	1.35	1.10	0.88	0.69	0.51	0.39	0.34	0.29	0.23	0.18	0.13	0.08	0.04	0.00
95	15.0	15.4	15.7	15.9	15.9	15.8	15.5	15.1	14.6	13.9	12.4	10.8	9.18	7.58	6.06	4.67	3.47	2.51	1.84
100	39.2	39.5	39.6	39.3	38.9	38.2	37.3	36.1	34.6	33.0	29.7	26.3	22.9	19.5	16.3	13.3	10.7	8.57	7.00
105	61.2	60.0	58.7	57.1	55.4	53.5	51.4	49.2	46.8	44.3	40.1	35.9	31.8	27.8	24.0	20.6	17.6	15.3	13.5
110	73.2	72.0	70.7	69.1	67.4	65.4	63.2	60.8	58.2	55.3	50.7	46.0	41.3	36.8	32.5	28.6	25.2	22.5	20.5
115	85.2	84.3	83.0	81.5	79.7	77.7	75.4	72.9	70.1	67.0	61.8	56.6	51.3	46.2	41.3	36.9	33.1	29.9	27.6
120	97.0	95.9	94.6	92.9	91.0	88.8	86.3	83.5	80.5	77.1	71.6	65.9	60.2	54.7	49.5	44.8	40.6	37.2	34.6
125	108	107	105	103	101	98.8	96.2	93.2	90.0	86.4	80.6	74.7	68.7	62.9	57.4	52.4	48.1	44.4	41.8
130	118	116	114	112	110	107	104	101	97.4	93.7	87.8	81.8	75.8	70.0	64.5	59.5	55.1	51.5	48.8
135	126	123	121	118	116	112	109	106	102	98.5	92.8	86.9	81.2	75.7	70.5	65.7	61.6	58.2	55.7
140	130	127	124	121	118	115	112	108	105	101	95.8	90.5	85.3	80.2	75.6	71.3	67.6	64.6	62.3
145	129	126	123	121	118	115	112	109	105	102	97.4	92.8	88.3	84.0	80.0	76.3	73.2	70.6	68.6
150	124	122	119	117	115	112	110	107	104	102	98.0	94.2	90.5	87.0	83.7	80.8	78.2	76.1	74.4
155	117	115	114	112	110	108	107	105	103	101	97.7	94.8	92.1	89.4	86.9	84.6	82.6	81.0	79.7
160	110	109	108	107	105	104	103	102	100	98.9	96.9	95.0	93.0	91.2	89.4	87.8	86.4	85.2	84.2
165	103	103	102	101	101	100	99.5	98.7	97.9	97.1	95.9	94.7	93.5	92.4	91.3	90.2	89.3	88.6	88.0
170	97.7	97.6	97.4	97.2	97.0	96.8	96.5	96.2	95.8	95.5	94.9	94.3	93.7	93.1	92.5	92.0	91.5	91.1	90.7
175	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.3	94.3	94.2	94.1	93.9	93.7	93.5	93.3	93.1	92.9	92.7	92.6
180	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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	477	477	477	477	477	477	477	477	477	477	477	478	478	478	478	478	478	478	478
5	477	477	477	477	476	476	476	476	475	475	475	474	474	474	473	473	473	472	472
10	474	474	473	473	472	472	471	470	470	469	468	468	467	466	465	465	464	463	463
15	465	465	464	463	463	462	461	460	460	458	457	456	455	453	452	451	450	449	449
20	435	436	436	438	439	440	441	442	443	441	440	438	437	435	433	431	430	428	428
25	399	400	402	404	406	408	410	412	413	412	410	408	406	403	401	399	397	395	394
30	343	345	347	350	353	356	359	362	364	363	361	359	356	354	351	349	347	345	346
35	289	291	293	296	298	301	302	303	303	296	287	278	269	260	252	244	238	232	238
40	166	174	182	191	200	209	217	223	228	219	207	195	182	169	156	145	134	126	135
45	76.2	81.3	87.3	94.1	101	108	115	120	125	117	109	99.5	89.7	79.9	70.5	61.7	54.0	47.9	54.0
50	17.8	20.2	23.2	26.6	30.2	33.9	37.4	40.5	43.1	39.8	36.0	31.8	27.4	23.0	18.7	14.8	11.5	8.83	12.3
55	3.74	4.74	6.02	7.49	9.07	10.7	12.2	13.6	14.8	13.6	12.2	10.6	8.86	7.13	5.45	3.89	2.52	1.41	2.59
60	2.27	2.44	2.67	2.95	3.25	3.56	3.85	4.11	4.33	4.04	3.69	3.31	2.91	2.50	2.09	1.70	1.34	1.04	1.14
65	1.70	1.70	1.69	1.68	1.67	1.65	1.62	1.58	1.54	1.45	1.36	1.27	1.18	1.08	0.99	0.90	0.82	0.75	0.73
70	1.33	1.33	1.32	1.30	1.29	1.26	1.24	1.20	1.17	1.10	1.03	0.95	0.88	0.80	0.73	0.66	0.60	0.55	0.54
75	1.00	0.99	0.99	0.98	0.96	0.95	0.92	0.90	0.87	0.81	0.76	0.70	0.64	0.58	0.52	0.47	0.42	0.38	0.38
80	0.72	0.72	0.72	0.71	0.70	0.69	0.68	0.66	0.64	0.60	0.55	0.51	0.46	0.42	0.37	0.33	0.30	0.26	0.26
85	0.49	0.50	0.50	0.51	0.51	0.51	0.51	0.50	0.50	0.46	0.42	0.39	0.34	0.30	0.27	0.23	0.20	0.17	0.18
90	0.16	0.33	0.52	0.71	0.91	1.10	1.29	1.45	1.60	1.53	1.44	1.35	1.24	1.15	1.07	1.01	0.98	0.99	1.35
95	3.15	4.73	6.53	8.47	10.5	12.5	14.5	16.3	18.0	17.8	17.4	16.9	16.2	15.5	14.7	14.0	13.3	12.8	13.8
100	8.92	11.4	14.3	17.6	21.0	24.6	28.2	31.6	34.9	35.8	36.5	36.9	37.0	37.0	36.8	36.5	36.2	35.8	36.4
105	15.5	18.0	21.2	24.8	28.7	32.8	37.0	41.2	45.3	47.8	50.1	52.2	54.0	55.5	56.8	57.7	58.4	58.8	58.6
110	22.6	25.5	29.0	33.0	37.4	42.0	46.7	51.4	56.0	58.7	61.2	63.4	65.3	66.9	68.2	69.2	69.9	70.3	70.1
115	29.9	33.1	37.0	41.4	46.2	51.3	56.5	61.7	66.7	69.6	72.2	74.5	76.5	78.2	79.5	80.5	81.2	81.5	81.4
120	37.1	40.4	44.4	49.1	54.2	59.6	65.1	70.6	76.0	79.3	82.2	84.9	87.2	89.1	90.7	91.9	92.8	93.2	93.0
125	44.1	47.5	51.6	56.3	61.5	67.0	72.6	78.4	83.9	87.5	90.9	93.9	96.5	98.8	101	102	103	104	103
130	51.0	54.1	58.0	62.6	67.6	73.0	78.6	84.2	89.8	93.8	97.5	101	104	107	109	111	112	113	112
135	57.6	60.4	63.9	68.0	72.6	77.6	82.9	88.2	93.5	97.8	102	106	109	112	115	117	119	120	119
140	63.9	66.2	69.2	72.8	76.8	81.2	85.9	90.7	95.5	99.8	104	108	112	115	118	120	122	123	122
145	69.8	71.7	74.1	77.0	80.4	84.0	87.9	92.0	96.1	100	104	108	111	114	117	119	121	122	121
150	75.3	76.7	78.6	80.9	83.5	86.4	89.4	92.7	96.0	99.2	102	105	108	111	113	115	117	118	117
155	80.3	81.3	82.6	84.3	86.2	88.3	90.5	92.9	95.3	97.7	100	102	104	106	108	110	111	111	111
160	84.6	85.2	86.1	87.2	88.4	89.8	91.3	92.9	94.5	96.1	97.6	99.1	101	102	103	104	105	105	104
165	88.1	88.5	89.0	89.6	90.3	91.1	91.9	92.8	93.8	94.6	95.5	96.3	97.1	97.8	98.4	99.0	99.4	99.6	99.2
170	90.8	90.9	91.1	91.4	91.7	92.0	92.4	92.8	93.2	93.6	93.9	94.3	94.6	94.9	95.1	95.4	95.5	95.6	95.4
175	92.4	92.4	92.4	92.5	92.6	92.6	92.7	92.8	92.9	93.0	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
180	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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	478	478	478	477	477	477	477	477	477	477	477	477	477	477	477	477	477	477	477
5	472	472	472	472	472	472	472	472	472	472	472	472	473	473	473	473	474	474	474
10	463	463	462	462	462	462	462	462	463	463	463	464	464	465	465	465	466	466	467
15	448	448	448	448	448	448	448	449	449	450	451	451	452	453	454	455	456	456	457
20	427	427	427	427	427	428	428	429	430	431	432	434	435	436	438	439	440	441	441
25	395	395	395	396	397	398	400	401	402	404	405	407	409	410	412	413	415	415	416
30	347	348	350	352	354	356	359	361	362	363	365	366	367	368	369	370	372	373	374
35	244	252	260	269	278	287	296	303	302	300	297	294	291	287	284	281	279	283	289
40	145	157	169	182	195	207	219	228	221	212	202	192	181	170	161	153	146	156	167
45	61.7	70.4	79.8	89.4	98.9	108	116	122	116	109	100	91.3	82.3	73.7	65.8	59.2	54.2	62.6	72.7
50	16.5	21.1	26.1	31.2	36.1	40.7	44.8	48.2	45.0	41.1	36.7	32.0	27.3	22.6	18.3	14.6	11.7	15.1	19.4
55	4.02	5.64	7.38	9.15	10.9	12.5	14.0	15.2	14.0	12.6	11.0	9.31	7.60	5.93	4.39	3.05	1.99	3.32	4.94
60	1.29	1.49	1.71	1.95	2.19	2.43	2.65	2.83	2.69	2.51	2.31	2.10	1.90	1.70	1.53	1.39	1.29	1.57	1.89
65	0.72	0.72	0.73	0.74	0.76	0.78	0.80	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.97	0.98	0.99	0.99	0.98
70	0.53	0.54	0.55	0.57	0.58	0.61	0.63	0.66	0.68	0.69	0.71	0.72	0.74	0.75	0.76	0.77	0.78	0.78	0.77
75	0.38	0.38	0.40	0.41	0.43	0.45	0.48	0.50	0.51	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.60	0.60
80	0.27	0.28	0.29	0.31	0.33	0.35	0.37	0.39	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	0.42	0.43	0.43
85	0.19	0.21	0.23	0.25	0.27	0.29	0.32	0.34	0.34	0.34	0.34	0.33	0.33	0.32	0.32	0.31	0.30	0.31	0.31
90	1.76	2.17	2.59	3.00	3.37	3.71	3.98	4.18	3.84	3.43	2.97	2.47	1.95	1.44	0.95	0.50	0.11	0.17	0.29
95	14.9	16.0	17.2	18.3	19.3	20.1	20.6	20.9	19.0	16.7	14.3	11.8	9.33	6.93	4.71	2.75	1.15	2.12	3.45
100	37.1	37.6	38.0	38.2	38.2	38.0	37.5	36.6	33.2	29.5	25.7	21.9	18.1	14.6	11.5	8.76	6.64	8.29	10.5
105	58.2	57.4	56.3	55.0	53.3	51.4	49.2	46.7	42.5	38.1	33.6	29.3	25.2	21.3	18.0	15.2	13.1	14.8	17.2
110	69.7	68.9	67.8	66.4	64.7	62.6	60.3	57.6	52.8	47.9	43.0	38.1	33.5	29.2	25.4	22.3	19.9	21.9	24.7
115	81.0	80.2	79.0	77.5	75.7	73.5	71.0	68.1	62.9	57.5	52.1	46.7	41.6	37.0	32.8	29.4	26.8	29.1	32.2
120	92.3	91.3	89.9	88.1	86.0	83.4	80.6	77.3	71.8	66.0	60.2	54.6	49.2	44.3	39.9	36.3	33.7	36.1	39.5
125	103	101	99.5	97.4	94.8	91.9	88.7	85.1	79.3	73.4	67.5	61.7	56.3	51.3	46.9	43.3	40.7	43.2	46.7
130	111	109	107	105	102	98.2	94.5	90.5	84.8	79.0	73.3	67.7	62.5	57.7	53.6	50.2	47.8	50.2	53.6
135	117	115	112	109	106	102	98.0	93.7	88.3	82.9	77.6	72.5	67.7	63.5	59.8	56.9	54.8	57.0	60.1
140	120	118	115	111	108	104	99.5	95.2	90.3	85.5	80.9	76.4	72.4	68.7	65.7	63.2	61.6	63.5	66.2
145	119	117	114	111	107	103	99.4	95.4	91.3	87.3	83.5	79.9	76.6	73.7	71.2	69.4	68.1	69.7	72.0
150	115	113	110	108	105	101	98.2	94.9	91.8	88.7	85.7	82.9	80.5	78.3	76.5	75.1	74.3	75.5	77.3
155	109	108	106	104	101	99.1	96.6	94.2	91.9	89.7	87.6	85.6	83.9	82.3	81.1	80.2	79.6	80.6	81.9
160	104	102	101	99.8	98.2	96.6	95.0	93.4	91.9	90.5	89.1	87.9	86.8	85.8	85.1	84.5	84.2	84.9	85.8
165	98.7	98.0	97.3	96.5	95.6	94.7	93.7	92.8	92.0	91.2	90.5	89.8	89.2	88.7	88.3	88.1	87.9	88.3	88.9
170	95.2	94.9	94.5	94.1	93.8	93.3	92.9	92.5	92.2	91.9	91.6	91.3	91.1	90.9	90.8	90.7	90.7	90.9	91.2
175	93.2	93.1	93.1	93.0	92.9	92.8	92.7	92.6	92.6	92.5	92.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
180	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2

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:0.0750A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:1045.83x1 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	477	477	477	477	477	477	477	477	477	477	477	478	478	478	478				
5	474	474	474	475	475	475	475	476	476	476	477	477	477	478	478				
10	467	467	468	468	469	469	469	470	471	471	472	473	473	474	475				
15	457	457	458	458	458	459	459	460	461	462	463	463	465	466	467				
20	441	442	442	443	443	443	444	445	446	446	447	448	449	450	452				
25	417	417	418	418	419	419	420	421	421	422	423	424	426	427	428				
30	376	377	379	380	381	383	384	385	386	388	389	390	391	392	393				
35	294	301	307	313	320	326	332	334	337	338	339	339	339	338	336				
40	180	194	208	222	236	248	259	261	261	259	255	249	241	231	219				
45	84.0	96.1	108	121	133	144	154	156	156	155	152	148	141	133	123				
50	24.2	29.5	35.0	40.5	45.9	50.8	55.3	56.4	56.7	56.3	55.2	53.3	50.6	47.2	43.1				
55	6.75	8.69	10.7	12.6	14.5	16.1	17.6	17.6	17.3	16.7	15.7	14.4	12.7	10.7	8.41				
60	2.23	2.59	2.95	3.29	3.61	3.88	4.10	4.07	3.97	3.80	3.56	3.26	2.88	2.44	1.93				
65	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.91	0.92	0.93	0.95	0.97	0.99	1.02				
70	0.77	0.76	0.76	0.75	0.74	0.74	0.73	0.74	0.74	0.75	0.76	0.77	0.78	0.80	0.81				
75	0.60	0.60	0.60	0.59	0.59	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.63	0.63				
80	0.44	0.44	0.45	0.45	0.46	0.46	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.48	0.48				
85	0.32	0.33	0.34	0.34	0.35	0.36	0.37	0.37	0.37	0.37	0.37	0.36	0.36	0.35	0.35				
90	0.48	0.71	0.97	1.26	1.56	1.86	2.16	2.31	2.45	2.56	2.66	2.75	2.82	2.87	2.90				
95	5.08	6.93	8.92	11.0	13.1	15.1	16.9	17.6	18.0	18.2	18.2	18.0	17.6	17.0	16.1				
100	13.3	16.4	19.8	23.3	26.9	30.5	33.9	35.6	37.0	38.1	39.0	39.6	39.9	39.9	39.7				
105	20.1	23.6	27.4	31.5	35.8	40.0	44.2	46.8	49.2	51.5	53.5	55.4	57.1	58.7	60.1				
110	28.1	32.0	36.4	41.0	45.8	50.6	55.3	58.2	60.8	63.2	65.4	67.4	69.2	70.7	72.1				
115	36.0	40.4	45.3	50.4	55.7	61.1	66.3	69.4	72.3	74.9	77.3	79.4	81.2	82.8	84.2				
120	43.6	48.3	53.5	59.1	64.8	70.5	76.1	79.5	82.6	85.5	88.1	90.4	92.5	94.3	95.8				
125	50.9	55.9	61.3	67.0	73.0	78.9	84.8	88.4	91.8	94.8	97.7	100	103	105	106				
130	57.8	62.6	67.9	73.6	79.4	85.4	91.3	95.1	98.6	102	105	108	111	113	116				
135	64.0	68.4	73.3	78.6	84.2	89.8	95.5	99.4	103	107	110	114	117	120	123				
140	69.6	73.5	77.8	82.5	87.5	92.6	97.8	102	105	109	113	116	120	123	126				
145	74.7	78.0	81.7	85.6	89.9	94.2	98.7	102	105	109	112	115	119	122	125				
150	79.5	82.1	84.9	88.1	91.4	94.9	98.4	101	104	107	110	112	115	118	121				
155	83.5	85.4	87.5	89.9	92.3	94.9	97.5	99.6	102	104	106	108	110	113	115				
160	86.9	88.2	89.6	91.2	92.8	94.5	96.3	97.7	99.2	101	102	104	105	107	108				
165	89.5	90.3	91.1	92.0	93.0	94.0	95.1	95.9	96.8	97.6	98.5	99.4	100	101	102				
170	91.5	91.8	92.2	92.6	93.1	93.5	94.0	94.4	94.8	95.2	95.6	96.0	96.4	96.8	97.3				
175	92.6	92.7	92.8	92.9	93.0	93.1	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.1	94.2				
180	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2				

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: