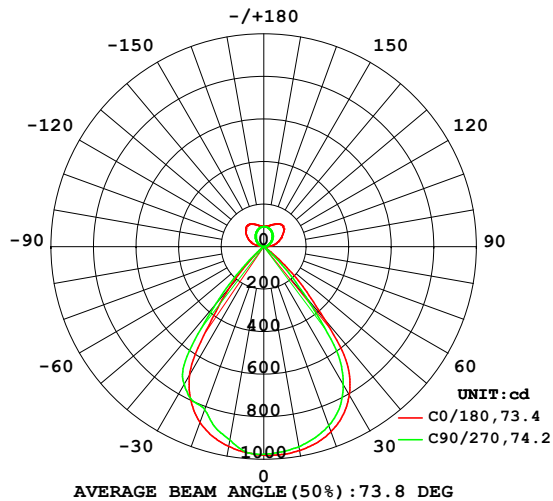


LUMINAIRE PHOTOMETRIC TEST REPORT

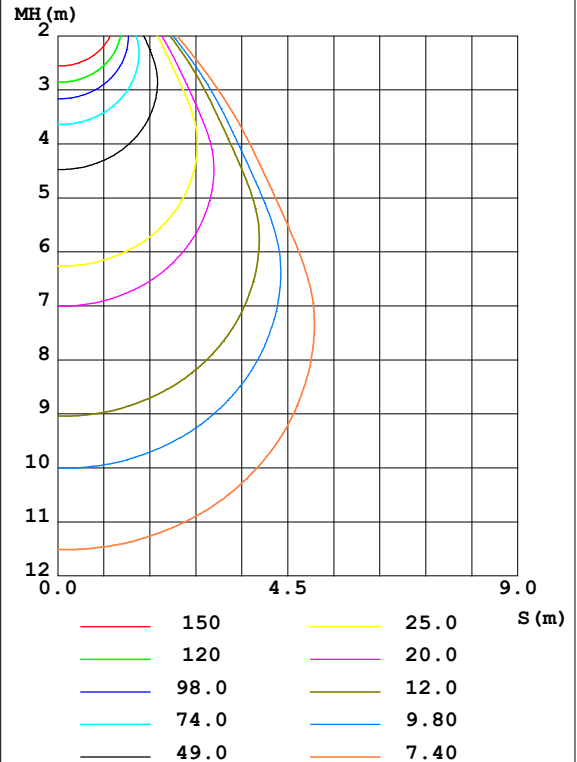
Test:U:119.3V I:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.57 lm/W			
MODEL		Imax(cd)	981.6	S/MH(C0/180)	1.14
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.09
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1715.7	η UP,DN(C0-180)	11.9,39.4
NOMINAL FLUX(lm)	1715.72	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	11.6,37.1
LAMPS INSIDE	1	η up(%)	23.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	76.5	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:

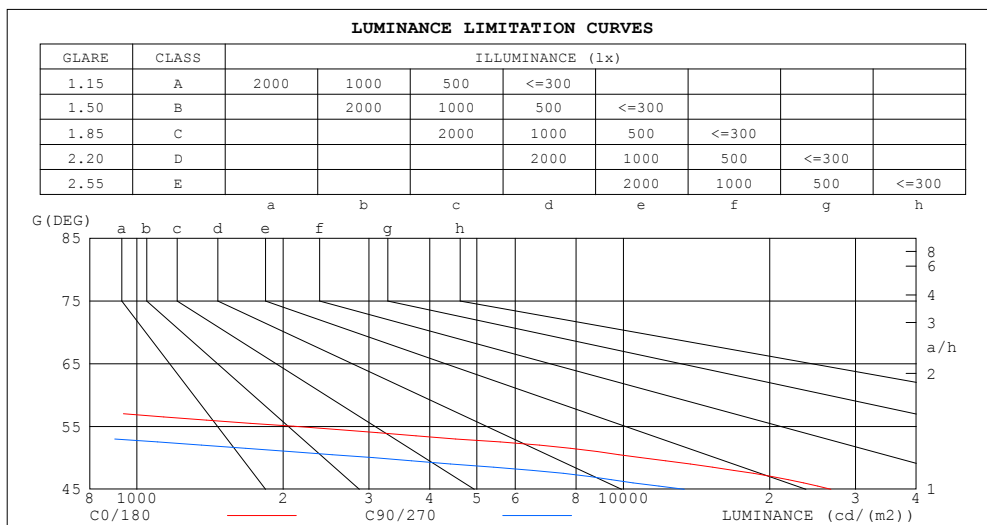
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	972.8	964.7	955.3	950.8	953.6	944.6	923.6	936.1	0- 10	92.01	92.01	5.36,5.36
20	925.4	915.0	894.8	888.4	878.9	835.5	814.4	844.9	10- 20	258.3	350.3	20.4,20.4
30	804.4	800.3	748.5	754.6	700.5	668.4	748.4	705.1	20- 30	374.6	724.9	42.3,42.3
40	440.8	558.3	309.6	490.8	248.5	444.4	346.4	506.0	30- 40	373.7	1099	64,64
50	90.78	150.3	25.57	108.1	14.91	82.39	29.67	133.0	40- 50	179.9	1278	74.5,74.5
60	3.401	11.61	2.372	7.201	2.657	7.707	4.490	14.42	50- 60	27.73	1306	76.1,76.1
70	2.072	1.731	1.650	1.474	1.440	2.549	2.723	2.616	60- 70	3.147	1309	76.3,76.3
80	1.214	1.177	1.066	0.9296	0.6704	1.342	1.457	1.594	70- 80	1.677	1311	76.4,76.4
90	8.132	5.436	0.0049	0.7319	0.3315	0.9759	0.6139	5.382	80- 90	1.318	1312	76.5,76.5
100	48.79	37.38	7.085	30.69	22.43	33.91	6.635	27.00	90-100	14.21	1327	77.3,77.3
110	74.71	59.34	20.47	53.55	66.01	55.70	20.53	52.48	100-110	40.63	1367	79.7,79.7
120	100.4	80.41	34.63	75.75	89.11	76.78	34.84	79.76	110-120	60.42	1428	83.2,83.2
130	124.4	95.86	49.24	93.00	111.2	91.99	49.06	93.15	120-130	71.80	1499	87.4,87.4
140	133.2	101.6	63.43	100.9	125.4	98.24	62.71	97.68	130-140	72.13	1571	91.6,91.6
150	123.7	101.5	76.32	101.8	123.2	98.88	75.31	97.68	140-150	62.02	1634	95.2,95.2
160	109.2	98.71	86.46	99.50	110.7	97.23	85.55	96.13	150-160	45.67	1679	97.9,97.9
170	98.30	96.07	92.84	96.71	99.58	95.52	92.49	94.85	160-170	27.43	1707	99.5,99.5
180	93.63	93.63	93.63	93.63	93.63	93.63	93.63	93.63	170-180	9.104	1716	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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	769	691
80	538	472
75	483	404
70	466	371
65	481	356
60	523	365
55	2102	459
50	10863	3060
45	26718	13337

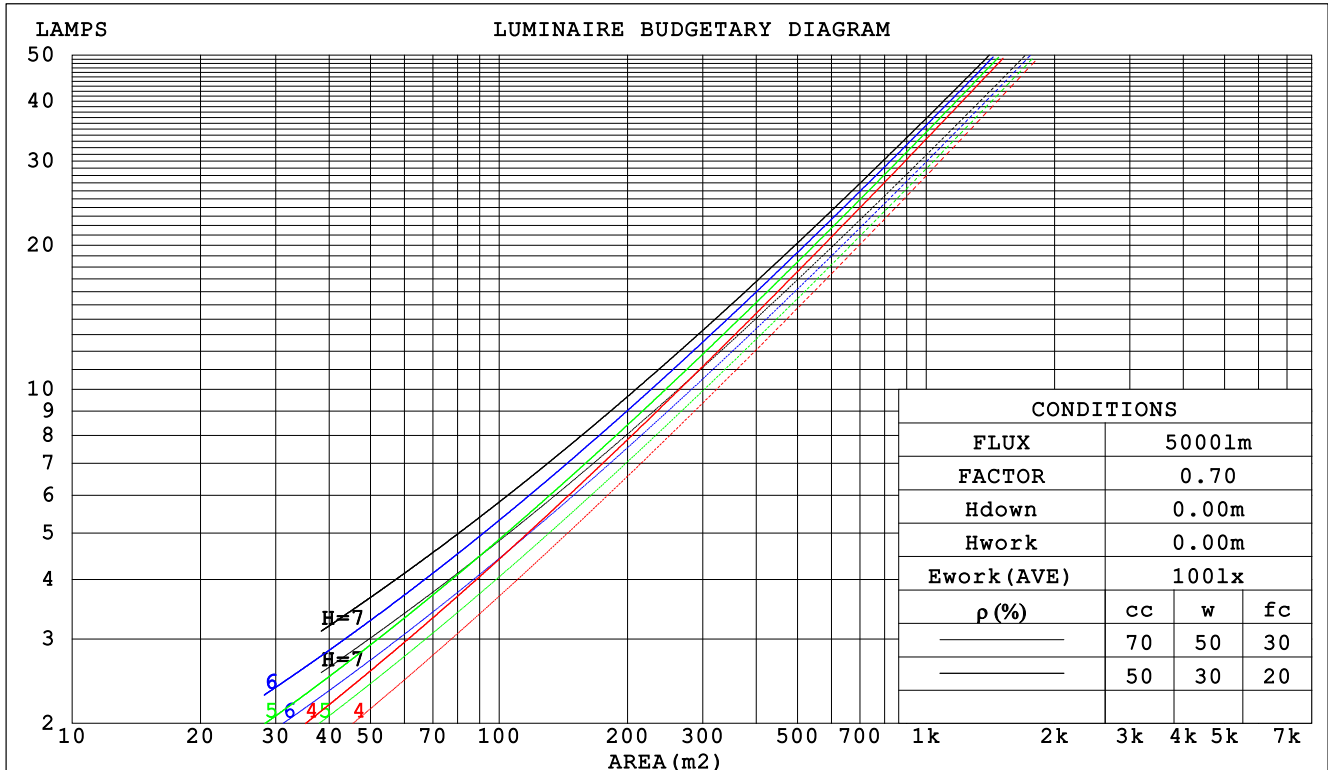
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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	1.08	1.08	1.08	.98	.98	.98	.89	.89	.89	.80	.80	.80	.76
1.0	1.03	1.01	.98	.99	.96	.94	.91	.89	.87	.83	.82	.80	.76	.75	.74	.71
2.0	.94	.90	.86	.91	.86	.83	.83	.80	.78	.77	.75	.72	.71	.69	.68	.65
3.0	.86	.80	.76	.83	.78	.74	.77	.73	.69	.71	.68	.65	.66	.64	.62	.59
4.0	.79	.72	.68	.76	.70	.66	.71	.66	.63	.66	.62	.59	.62	.59	.56	.54
5.0	.72	.66	.61	.70	.64	.59	.65	.61	.57	.61	.57	.54	.57	.54	.52	.49
6.0	.67	.60	.55	.65	.58	.54	.61	.55	.52	.57	.53	.49	.53	.50	.47	.45
7.0	.62	.55	.50	.60	.53	.49	.56	.51	.47	.53	.49	.45	.50	.46	.44	.42
8.0	.57	.50	.46	.55	.49	.45	.52	.47	.43	.49	.45	.42	.47	.43	.40	.38
9.0	.53	.46	.42	.52	.45	.41	.49	.43	.40	.46	.42	.38	.44	.40	.37	.35
10.0	.49	.43	.39	.48	.42	.38	.46	.40	.37	.43	.39	.36	.41	.37	.34	.33



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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm					
NAME: 1FT			TYPE:3000K 1.9		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	.119	.038	.196	.112	.035	.170	.097	.031	.146	.084	.027	.124	.072	.023		
2.0	.200	.110	.034	.188	.103	.032	.164	.091	.028	.143	.080	.025	.123	.070	.022		
3.0	.190	.101	.030	.179	.096	.029	.158	.086	.026	.139	.076	.023	.121	.067	.021		
4.0	.180	.094	.028	.170	.089	.026	.151	.080	.024	.134	.072	.022	.117	.064	.019		
5.0	.171	.087	.025	.162	.083	.024	.145	.075	.022	.128	.068	.020	.113	.061	.018		
6.0	.162	.081	.023	.154	.078	.022	.138	.071	.021	.123	.064	.019	.110	.058	.017		
7.0	.154	.076	.022	.147	.073	.021	.132	.067	.019	.118	.061	.018	.106	.055	.016		
8.0	.147	.072	.020	.140	.069	.019	.126	.063	.018	.114	.058	.017	.102	.052	.015		
9.0	.140	.068	.019	.133	.065	.018	.121	.060	.017	.109	.055	.016	.098	.050	.014		
10.0	.133	.064	.018	.127	.061	.017	.116	.057	.016	.105	.052	.015	.094	.047	.014		

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	.370	.370	.370	.316	.316	.316	.216	.216	.216	.124	.124	.124	.040	.040	.040	
1.0	.354	.338	.323	.303	.290	.278	.207	.199	.192	.119	.115	.112	.038	.037	.036	
2.0	.342	.314	.291	.293	.270	.252	.201	.187	.175	.116	.109	.103	.037	.035	.034	
3.0	.332	.297	.268	.285	.256	.233	.195	.178	.163	.113	.104	.096	.036	.034	.032	
4.0	.323	.283	.252	.278	.245	.219	.191	.170	.154	.110	.100	.091	.036	.033	.030	
5.0	.316	.272	.240	.271	.236	.209	.187	.165	.148	.108	.097	.088	.035	.032	.029	
6.0	.310	.264	.231	.266	.229	.201	.184	.160	.143	.107	.094	.085	.034	.031	.028	
7.0	.304	.257	.225	.261	.223	.196	.181	.156	.139	.105	.092	.083	.034	.030	.027	
8.0	.299	.252	.219	.257	.218	.191	.178	.153	.136	.103	.090	.081	.033	.030	.027	
9.0	.294	.247	.215	.253	.214	.188	.175	.151	.133	.102	.089	.079	.033	.029	.026	
10.0	.289	.243	.212	.249	.211	.185	.173	.148	.131	.101	.088	.078	.033	.029	.026	

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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm											
NAME: 1FT						TYPE:3000K 1.9			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	2H	20.3	21.2	20.8	21.7	22.3	19.0	19.9	19.5	20.4	21.0
	3H	20.0	20.8	20.6	21.4	22.0	18.7	19.5	19.3	20.1	20.7
	4H	19.9	20.6	20.5	21.2	21.9	18.6	19.3	19.2	19.9	20.6
	6H	19.7	20.4	20.4	21.0	21.7	18.4	19.2	19.1	19.8	20.4
	8H	19.7	20.3	20.3	21.0	21.7	18.4	19.1	19.0	19.7	20.4
	12H	19.6	20.2	20.2	20.9	21.6	18.3	19.0	19.0	19.6	20.3
4H	2H	19.9	20.6	20.5	21.2	21.9	18.6	19.4	19.2	19.9	20.6
	3H	19.6	20.3	20.3	20.9	21.6	18.3	19.0	19.0	19.6	20.3
	4H	19.5	20.0	20.1	20.7	21.5	18.2	18.8	18.9	19.4	20.2
	6H	19.3	19.8	20.0	20.5	21.3	18.0	18.5	18.7	19.2	20.0
	8H	19.2	19.7	20.0	20.4	21.2	18.0	18.4	18.7	19.1	20.0
	12H	19.2	19.6	19.9	20.3	21.2	17.9	18.3	18.6	19.0	19.9
8H	4H	19.2	19.7	20.0	20.4	21.2	18.0	18.4	18.7	19.1	20.0
	6H	19.1	19.5	19.8	20.2	21.1	17.8	18.2	18.6	18.9	19.8
	8H	19.0	19.3	19.8	20.1	21.0	17.7	18.1	18.5	18.8	19.7
	12H	18.9	19.2	19.7	20.0	20.9	17.7	17.9	18.5	18.7	19.6
12H	4H	19.2	19.6	19.9	20.3	21.2	17.9	18.3	18.6	19.0	19.9
	6H	19.0	19.3	19.8	20.1	21.0	17.7	18.1	18.5	18.8	19.7
	8H	18.9	19.2	19.7	20.0	20.9	17.7	17.9	18.5	18.7	19.6
Variations with the observer position at spacings:											
S = 1.0H	+ 2.8 / -17.2					+ 3.1 / -17.4					
1.5H	+ 3.4 / - 9.5					+ 3.6 / -15.5					
2.0H	+ 6.7 / -16.4					+ 6.2 / -13.9					

CIE Pub.117 Corrected 1716 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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

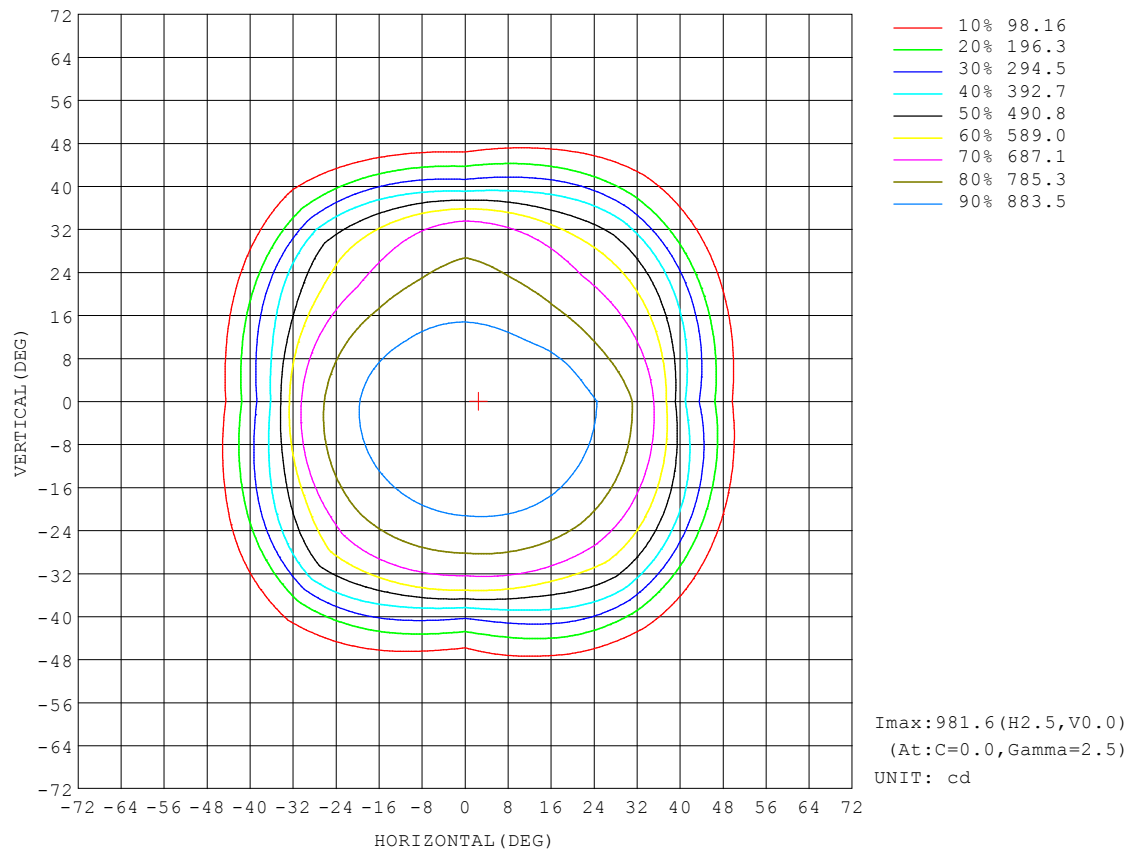
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	61	56	68	60	56	65	59	55	50
0.80	78	70	65	76	69	64	73	66	62	56
1.00	84	76	71	82	75	70	78	73	68	61
1.25	89	82	77	87	80	76	82	77	73	65
1.50	93	86	81	90	84	80	84	80	76	67
2.00	97	91	87	94	89	85	88	84	81	70
2.50	100	94	90	96	91	88	89	86	83	71
3.00	102	97	93	98	94	90	91	88	85	72
4.00	105	101	97	100	97	94	93	90	88	73
5.00	106	103	100	102	99	97	94	92	90	74
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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

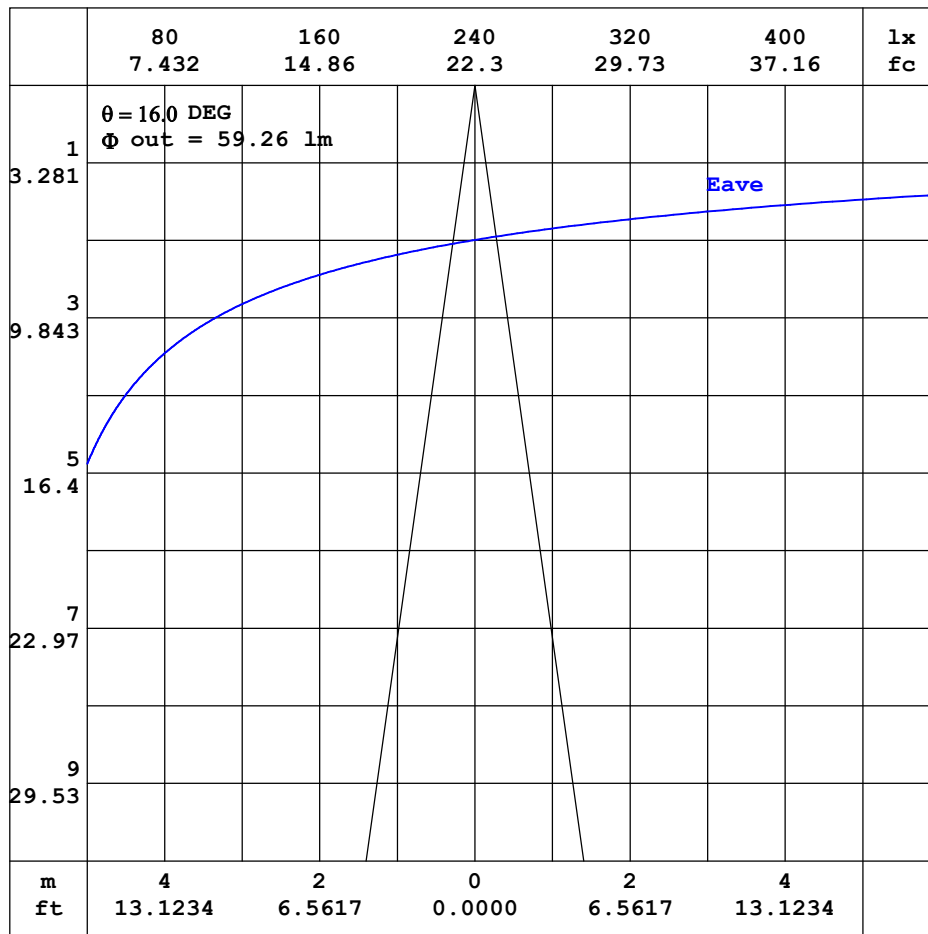


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



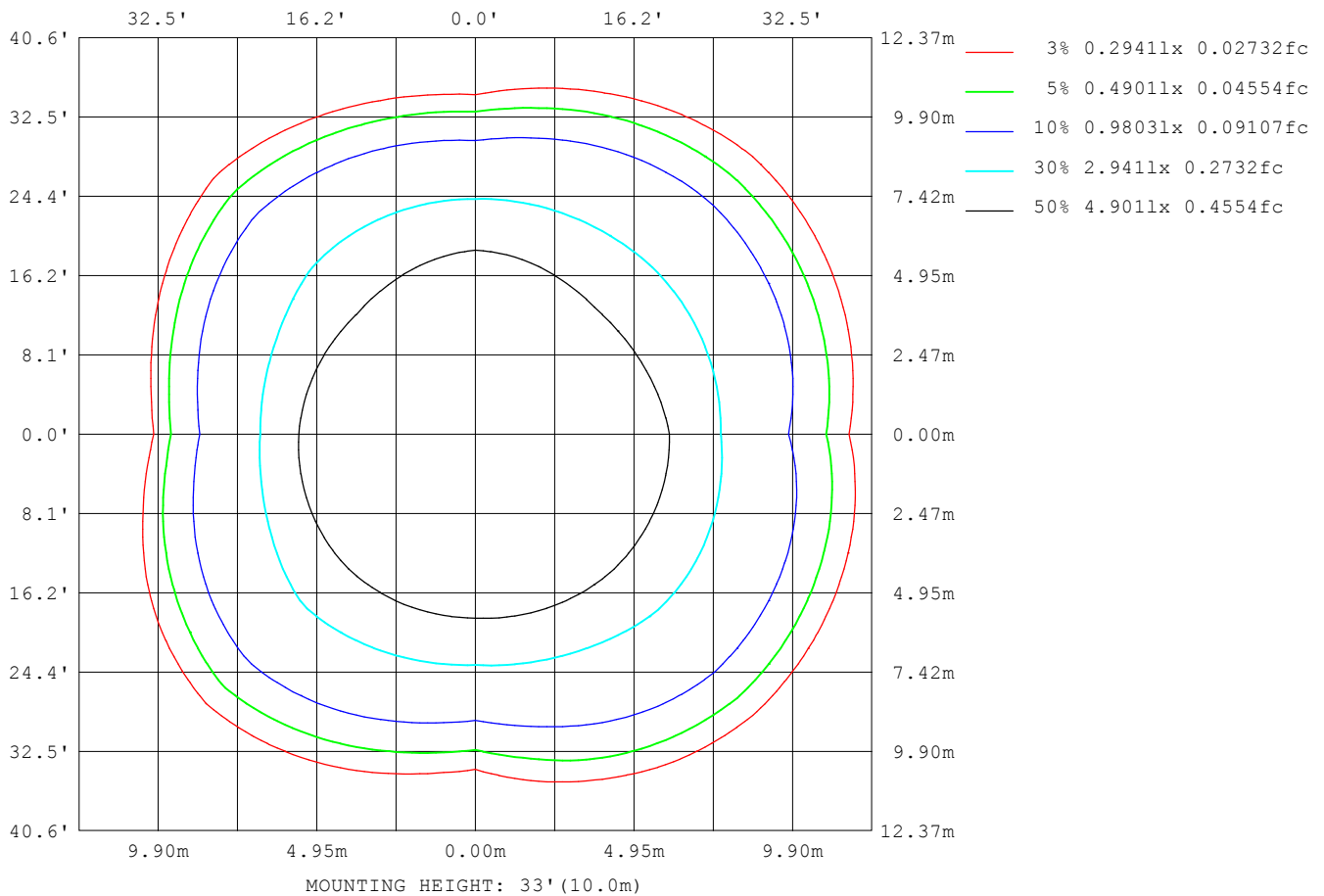
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

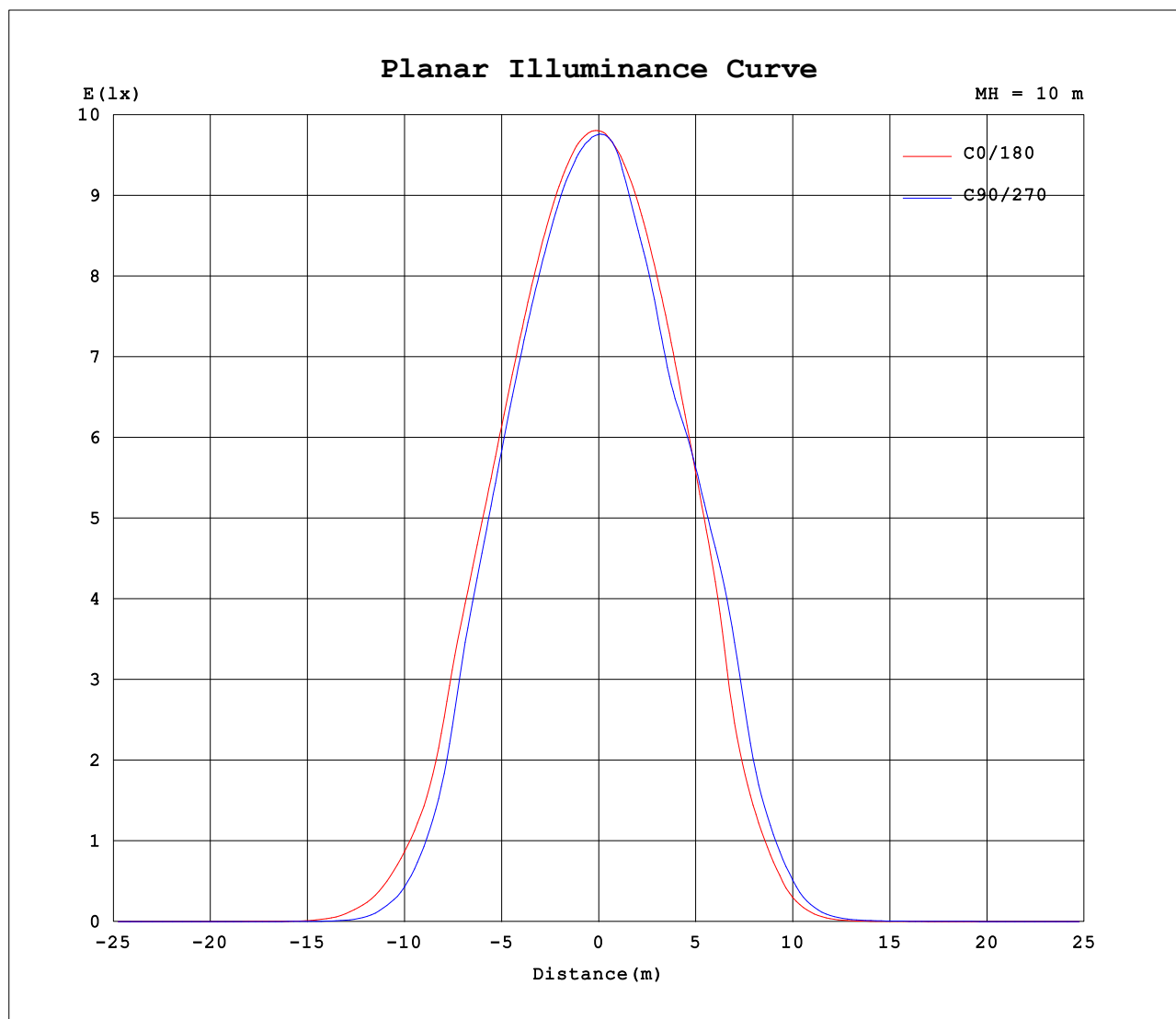
AvgL	cd/m2
L_0~180 (65) av	421
L_0~180 (75) av	391
L_0~180 (85) av	591
L_90~270 (65) av	494
L_90~270 (75) av	505
L_90~270 (85) av	788
L_45 (65) av	479
L_45 (75) av	487
L_45 (85) av	858

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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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	980	980	980	979	979	979	978	978	978	977	977	977	977	977	977	976	976	976	976
5	981	980	980	979	978	978	977	976	976	975	974	973	973	972	971	971	970	969	969
10	973	972	971	970	969	968	968	967	966	965	964	962	961	960	959	958	957	956	955
15	956	955	954	953	952	950	949	948	947	945	943	942	940	938	936	935	933	931	930
20	925	925	924	923	922	921	920	918	917	915	913	911	908	906	903	901	899	897	895
25	878	878	877	877	876	875	874	872	870	868	866	862	859	856	852	849	846	843	840
30	804	806	808	808	809	808	807	805	803	800	795	789	783	777	771	765	759	753	749
35	691	697	702	705	707	708	708	706	703	698	687	676	663	651	638	626	615	604	595
40	441	472	499	521	538	551	560	564	563	558	534	507	477	446	414	384	356	331	310
45	246	278	305	328	347	360	370	374	374	370	346	319	290	259	228	198	170	144	123
50	90.8	106	120	131	140	147	151	153	153	150	138	125	110	94.3	78.7	63.4	49.2	36.4	25.6
55	15.7	22.6	28.7	33.9	38.1	41.5	44.0	45.5	46.2	46.0	42.1	37.6	32.6	27.3	21.9	16.6	11.6	7.16	3.42
60	3.40	5.17	6.73	8.07	9.20	10.1	10.8	11.3	11.6	11.6	10.9	9.95	8.91	7.78	6.61	5.44	4.32	3.28	2.37
65	2.64	2.57	2.50	2.43	2.37	2.31	2.26	2.21	2.17	2.13	2.10	2.07	2.05	2.03	2.01	1.99	1.98	1.97	1.96
70	2.07	2.02	1.97	1.93	1.89	1.85	1.82	1.78	1.76	1.73	1.72	1.70	1.69	1.68	1.68	1.67	1.66	1.66	1.65
75	1.63	1.60	1.57	1.55	1.52	1.50	1.48	1.46	1.45	1.43	1.42	1.41	1.40	1.40	1.39	1.38	1.38	1.37	1.36
80	1.21	1.21	1.21	1.21	1.21	1.20	1.20	1.19	1.18	1.18	1.17	1.16	1.15	1.13	1.12	1.11	1.10	1.08	1.07
85	0.87	0.88	0.89	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.90	0.89	0.87	0.86	0.85	0.83	0.81	0.80	0.78
90	8.13	7.97	7.77	7.54	7.27	6.97	6.64	6.27	5.87	5.44	4.80	4.15	3.49	2.83	2.19	1.57	0.99	0.47	0.00
95	24.3	24.8	25.1	25.3	25.1	24.8	24.3	23.5	22.6	21.4	19.1	16.6	14.1	11.6	9.07	6.70	4.51	2.58	0.97
100	48.8	48.5	47.9	47.1	46.1	44.8	43.3	41.5	39.6	37.4	33.6	29.7	25.8	21.9	18.2	14.8	11.7	9.12	7.08
105	62.0	61.5	60.6	59.5	58.2	56.6	54.8	52.7	50.4	47.8	43.5	39.0	34.5	30.1	25.9	22.1	18.6	15.8	13.6
110	74.7	74.2	73.3	72.2	70.8	69.1	67.1	64.8	62.2	59.3	54.4	49.4	44.3	39.3	34.5	30.1	26.3	23.0	20.5
115	87.9	87.2	86.2	84.8	83.2	81.2	79.0	76.4	73.5	70.3	64.8	59.2	53.6	48.1	42.8	38.0	33.8	30.2	27.5
120	100	99.4	98.2	96.6	94.7	92.5	89.9	87.1	83.9	80.4	74.5	68.5	62.5	56.5	50.9	45.8	41.3	37.5	34.6
125	113	112	110	108	106	103	100.0	96.8	93.2	89.4	83.2	76.9	70.5	64.4	58.6	53.3	48.7	44.8	41.9
130	124	122	120	117	114	111	107	104	99.9	95.9	89.6	83.2	77.0	70.9	65.2	60.1	55.6	51.9	49.2
135	131	128	125	122	119	115	112	108	104	99.8	93.8	87.8	81.9	76.2	71.0	66.2	62.1	58.8	56.4
140	133	130	127	123	120	116	113	109	105	102	96.2	90.8	85.6	80.6	76.0	71.8	68.3	65.4	63.4
145	130	127	124	121	118	115	112	109	105	102	97.4	92.9	88.5	84.3	80.4	77.0	74.1	71.8	70.1
150	124	121	119	117	114	112	109	107	104	101	97.8	94.2	90.7	87.5	84.4	81.7	79.4	77.6	76.3
155	116	115	113	111	109	108	106	104	102	100	97.5	94.9	92.3	89.9	87.7	85.7	84.0	82.7	81.8
160	109	108	107	106	105	104	102	101	100.0	98.7	96.9	95.2	93.5	91.9	90.4	89.1	88.0	87.1	86.5
165	103	102	102	101	101	100.0	99.3	98.7	98.0	97.3	96.3	95.2	94.3	93.3	92.4	91.7	91.0	90.5	90.1
170	98.3	98.1	97.9	97.7	97.4	97.2	96.9	96.7	96.4	96.1	95.6	95.2	94.7	94.3	93.9	93.5	93.2	93.0	92.8
175	95.7	95.7	95.7	95.6	95.6	95.6	95.5	95.5	95.4	95.3	95.2	95.1	95.0	94.8	94.7	94.6	94.5	94.5	94.4
180	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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	976	975	975	974	974	974	974	974	974	974	975	976	977	977	978	979	980	980	980
5	968	968	968	967	967	967	967	967	967	967	967	968	968	969	969	970	970	971	971
10	954	954	953	953	952	952	951	951	951	951	951	952	952	953	953	953	953	954	953
15	929	929	928	928	928	927	927	927	927	927	928	928	928	928	927	927	926	925	922
20	894	893	892	891	891	890	889	889	888	888	888	887	886	885	884	883	881	879	875
25	839	838	838	837	837	836	835	835	834	832	830	827	825	822	819	815	812	808	801
30	748	749	750	751	752	753	754	755	755	750	745	739	733	727	720	713	707	700	694
35	600	606	613	620	627	633	637	640	640	620	598	575	551	527	504	483	464	448	454
40	324	343	364	388	412	435	457	476	491	469	443	415	384	353	323	295	270	248	262
45	134	150	168	189	210	231	250	268	282	265	245	222	198	173	148	125	103	85.4	94.1
50	31.5	39.5	49.0	59.4	70.3	81.2	91.4	101	108	100	90.7	79.9	68.4	56.5	44.7	33.6	23.5	14.9	19.6
55	5.84	9.00	12.7	16.7	20.9	25.1	29.1	32.6	35.6	32.9	29.7	26.0	22.0	17.9	13.8	9.94	6.47	3.54	5.52
60	2.64	3.05	3.58	4.18	4.82	5.48	6.11	6.70	7.20	6.81	6.33	5.79	5.21	4.62	4.04	3.51	3.04	2.66	3.07
65	1.93	1.91	1.89	1.87	1.85	1.83	1.82	1.81	1.80	1.79	1.78	1.78	1.79	1.81	1.83	1.87	1.92	1.98	2.12
70	1.63	1.61	1.59	1.57	1.55	1.53	1.51	1.49	1.47	1.45	1.42	1.40	1.38	1.37	1.37	1.38	1.41	1.44	1.54
75	1.34	1.32	1.31	1.29	1.26	1.24	1.22	1.20	1.17	1.14	1.10	1.07	1.04	1.01	1.00	0.99	0.99	1.00	1.08
80	1.05	1.04	1.03	1.02	1.00	0.98	0.97	0.95	0.93	0.89	0.85	0.80	0.77	0.73	0.71	0.68	0.67	0.67	0.73
85	0.78	0.78	0.78	0.78	0.78	0.77	0.77	0.76	0.75	0.71	0.67	0.63	0.59	0.55	0.52	0.50	0.48	0.47	0.51
90	0.06	0.13	0.21	0.30	0.39	0.49	0.58	0.66	0.73	0.70	0.66	0.62	0.56	0.51	0.46	0.41	0.36	0.33	0.39
95	1.52	2.40	3.53	4.85	6.29	7.79	9.27	10.7	12.0	11.5	11.0	10.3	9.49	8.68	7.89	7.15	6.52	6.03	7.05
100	8.61	10.7	13.2	16.0	19.0	22.1	25.2	28.1	30.7	30.4	29.8	28.9	27.9	26.7	25.5	24.4	23.3	22.4	23.8
105	15.2	17.5	20.4	23.7	27.3	31.1	35.0	38.8	42.5	44.3	45.8	47.0	48.1	48.9	49.5	49.9	50.1	50.2	50.4
110	22.3	24.9	28.1	31.8	35.9	40.2	44.7	49.2	53.6	56.0	58.2	60.1	61.8	63.2	64.3	65.1	65.7	66.0	66.0
115	29.6	32.6	36.3	40.6	45.2	50.2	55.2	60.2	65.1	67.6	69.9	71.8	73.4	74.8	75.8	76.5	77.0	77.2	77.3
120	37.0	40.3	44.3	49.0	54.1	59.5	65.0	70.5	75.8	78.6	81.0	83.2	85.0	86.5	87.6	88.4	88.9	89.1	89.1
125	44.4	47.9	52.2	57.1	62.4	68.1	73.9	79.7	85.3	88.5	91.3	93.7	95.8	97.6	98.9	99.9	101	101	101
130	51.8	55.2	59.5	64.4	69.8	75.5	81.4	87.3	93.0	96.5	99.7	102	105	107	109	110	111	111	111
135	58.8	62.0	66.1	70.7	75.8	81.2	86.9	92.5	98.1	102	106	109	112	114	116	118	119	120	119
140	65.5	68.3	71.9	76.0	80.6	85.5	90.6	95.8	101	105	109	112	116	119	121	123	125	125	124
145	71.8	74.2	77.2	80.7	84.5	88.7	93.1	97.6	102	106	110	113	116	119	122	124	126	127	125
150	77.7	79.5	81.9	84.7	87.7	91.1	94.6	98.2	102	105	108	111	114	117	119	121	122	123	122
155	82.8	84.2	86.0	88.0	90.4	92.9	95.5	98.2	101	103	106	108	110	112	114	116	117	117	116
160	87.2	88.1	89.3	90.7	92.3	94.0	95.8	97.6	99.5	101	103	105	106	107	109	110	110	111	110
165	90.6	91.2	91.9	92.7	93.7	94.7	95.8	96.9	98.0	99.0	100	101	102	103	103	104	104	105	104
170	93.1	93.4	93.7	94.2	94.6	95.1	95.7	96.2	96.7	97.2	97.6	98.1	98.5	98.8	99.1	99.3	99.5	99.6	99.3
175	94.5	94.6	94.7	94.9	95.0	95.2	95.4	95.6	95.7	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.3
180	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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	980	980	980	979	979	978	978	977	977	977	977	977	977	976	976	976	976	976	975
5	971	971	971	972	972	972	972	972	971	971	971	971	970	970	970	970	969	969	969
10	953	952	951	950	949	948	946	945	942	939	937	934	932	929	927	925	924	923	924
15	918	914	910	906	902	899	895	891	889	887	885	884	883	882	881	881	881	880	880
20	870	865	860	855	850	845	840	836	832	828	825	822	819	817	816	815	814	815	817
25	795	788	782	776	770	765	761	758	761	764	769	774	779	784	789	793	797	794	790
30	688	683	678	674	671	669	668	668	676	685	694	704	714	724	733	741	748	745	740
35	464	476	490	507	524	543	561	579	588	596	604	610	615	620	624	627	630	630	630
40	280	301	325	350	376	401	424	444	438	429	417	404	391	378	365	355	346	360	377
45	106	121	137	155	173	191	207	222	215	207	197	186	176	166	157	150	146	163	182
50	25.9	33.4	41.8	50.5	59.4	67.9	75.7	82.4	77.4	71.3	64.5	57.4	50.3	43.5	37.6	32.9	29.7	39.0	49.8
55	8.07	11.0	14.3	17.7	21.0	24.2	27.1	29.6	27.3	24.6	21.7	18.6	15.5	12.6	10.1	8.10	6.75	11.0	15.9
60	3.58	4.16	4.78	5.42	6.06	6.67	7.23	7.71	7.37	6.95	6.50	6.02	5.57	5.16	4.82	4.59	4.49	5.57	6.76
65	2.26	2.42	2.58	2.74	2.90	3.06	3.21	3.34	3.40	3.45	3.48	3.50	3.51	3.51	3.51	3.49	3.47	3.47	3.46
70	1.66	1.79	1.92	2.05	2.18	2.31	2.43	2.55	2.60	2.65	2.68	2.70	2.72	2.73	2.73	2.73	2.72	2.73	2.73
75	1.17	1.27	1.37	1.47	1.58	1.68	1.78	1.88	1.92	1.95	1.98	2.00	2.02	2.03	2.04	2.04	2.04	2.06	2.07
80	0.79	0.86	0.94	1.02	1.11	1.19	1.27	1.34	1.37	1.40	1.41	1.43	1.44	1.44	1.45	1.45	1.46	1.48	1.50
85	0.57	0.63	0.70	0.77	0.84	0.91	0.98	1.04	1.05	1.05	1.05	1.05	1.04	1.03	1.02	1.01	1.00	1.03	1.05
90	0.46	0.53	0.61	0.69	0.77	0.85	0.92	0.98	0.92	0.89	0.86	0.82	0.77	0.73	0.69	0.65	0.61	1.02	1.48
95	8.21	9.45	10.7	11.9	13.1	14.1	14.9	15.5	14.0	12.2	10.3	8.37	6.42	4.55	2.84	1.36	0.21	1.24	2.60
100	25.3	27.0	28.6	30.1	31.5	32.6	33.5	33.9	31.2	28.2	24.9	21.4	18.0	14.7	11.6	8.89	6.64	7.39	8.67
105	50.6	50.5	50.2	49.7	48.9	47.8	46.5	44.9	41.2	37.2	33.2	29.2	25.4	21.7	18.4	15.6	13.3	14.2	15.7
110	65.8	65.2	64.4	63.2	61.8	60.1	58.0	55.7	51.3	46.8	42.2	37.7	33.3	29.3	25.8	22.8	20.5	22.2	24.5
115	77.1	76.5	75.7	74.6	73.2	71.4	69.3	66.9	62.0	56.9	51.7	46.7	41.8	37.4	33.5	30.2	27.8	30.2	33.4
120	88.7	88.0	87.0	85.7	84.0	81.9	79.5	76.8	71.5	65.9	60.3	54.9	49.7	44.9	40.8	37.3	34.8	37.6	41.2
125	100.0	99.0	97.6	95.9	93.8	91.4	88.6	85.4	79.8	74.0	68.2	62.6	57.2	52.3	48.0	44.5	41.9	44.6	48.2
130	110	108	106	104	102	98.8	95.5	92.0	86.4	80.6	74.8	69.3	64.0	59.2	55.0	51.6	49.1	51.5	54.9
135	117	116	113	110	107	104	100	96.1	90.7	85.2	79.8	74.5	69.6	65.2	61.4	58.2	56.0	58.1	61.0
140	122	120	117	114	110	107	102	98.2	93.3	88.3	83.4	78.8	74.5	70.6	67.3	64.6	62.7	64.4	66.9
145	123	121	118	115	111	107	103	99.1	94.7	90.5	86.3	82.4	78.8	75.6	72.9	70.7	69.2	70.5	72.5
150	120	118	115	112	109	106	102	98.9	95.4	92.0	88.7	85.6	82.8	80.3	78.2	76.5	75.3	76.3	77.8
155	115	113	111	109	106	104	101	98.2	95.6	93.0	90.6	88.3	86.3	84.4	82.9	81.6	80.8	81.5	82.5
160	109	108	106	105	103	101	99.1	97.2	95.5	93.8	92.1	90.6	89.2	88.0	86.9	86.1	85.6	86.0	86.7
165	103	103	102	101	99.7	98.6	97.4	96.3	95.2	94.3	93.3	92.4	91.6	90.9	90.3	89.9	89.5	89.8	90.1
170	99.0	98.6	98.2	97.7	97.2	96.6	96.1	95.5	95.0	94.6	94.2	93.8	93.4	93.1	92.8	92.6	92.5	92.6	92.7
175	96.2	96.0	95.9	95.8	95.6	95.4	95.3	95.1	95.0	94.9	94.8	94.7	94.6	94.5	94.4	94.4	94.3	94.3	94.4
180	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

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:0.1360A P:16.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1715.72x1 lm																	
NAME: 1FT									TYPE:3000K 1.9						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	975	974	974	974	974	974	974	974	974	975	975	976	977	978	979				
5	968	968	968	968	968	968	968	969	970	971	972	974	975	977	979				
10	924	926	927	929	931	933	936	939	942	946	949	953	958	963	968				
15	880	881	882	883	885	888	891	896	901	907	913	920	928	937	946				
20	819	822	825	829	834	839	845	851	858	866	874	883	893	903	914				
25	786	782	778	775	772	771	771	776	783	792	802	814	827	843	859				
30	735	729	723	717	712	708	705	709	715	722	732	743	755	770	786				
35	630	630	629	629	629	629	630	634	638	643	649	656	664	672	681				
40	395	414	434	454	473	491	506	510	511	509	505	498	488	475	459				
45	203	225	248	270	291	310	326	330	331	329	323	314	302	286	267				
50	61.7	74.2	87.1	99.8	112	123	133	135	136	135	132	127	121	113	103				
55	21.3	26.8	32.4	37.8	42.8	47.2	50.9	50.9	49.9	48.0	45.0	41.1	36.2	30.4	23.5				
60	8.02	9.31	10.6	11.8	12.8	13.7	14.4	14.2	13.8	13.1	12.1	10.9	9.40	7.66	5.66				
65	3.44	3.42	3.40	3.37	3.34	3.30	3.26	3.21	3.15	3.10	3.03	2.96	2.89	2.81	2.73				
70	2.73	2.72	2.71	2.69	2.67	2.65	2.62	2.58	2.53	2.48	2.43	2.37	2.30	2.23	2.15				
75	2.08	2.09	2.10	2.10	2.10	2.09	2.07	2.05	2.02	1.98	1.93	1.88	1.83	1.77	1.70				
80	1.53	1.55	1.56	1.58	1.59	1.59	1.59	1.58	1.55	1.53	1.49	1.45	1.40	1.34	1.28				
85	1.08	1.10	1.13	1.15	1.17	1.19	1.19	1.18	1.17	1.14	1.11	1.08	1.04	0.99	0.93				
90	1.99	2.52	3.09	3.66	4.24	4.82	5.38	5.79	6.17	6.52	6.85	7.16	7.44	7.70	7.93				
95	4.25	6.12	8.16	10.3	12.5	14.7	16.9	18.2	19.3	20.4	21.3	22.1	22.8	23.4	23.9				
100	10.4	12.5	15.0	17.8	20.7	23.8	27.0	29.3	31.7	34.1	36.5	38.9	41.4	43.8	46.3				
105	17.8	20.3	23.1	26.3	29.8	33.3	37.0	39.7	42.5	45.2	48.0	50.8	53.6	56.4	59.2				
110	27.5	31.0	34.9	39.1	43.5	48.0	52.5	55.4	58.3	61.0	63.6	66.0	68.4	70.6	72.7				
115	37.2	41.7	46.6	51.8	57.2	62.5	67.8	71.0	74.0	76.7	79.2	81.4	83.4	85.2	86.7				
120	45.7	50.7	56.2	62.0	68.0	73.9	79.8	83.3	86.4	89.3	91.9	94.2	96.2	97.9	99.3				
125	52.7	57.8	63.4	69.4	75.5	81.7	87.9	91.7	95.3	98.6	102	105	107	109	112				
130	59.0	63.8	69.2	74.9	80.9	87.1	93.2	97.3	101	105	109	112	115	119	122				
135	64.7	69.0	73.9	79.2	84.7	90.4	96.2	100	104	108	112	116	120	124	127				
140	70.0	73.7	77.9	82.5	87.4	92.5	97.7	102	106	109	113	117	121	125	129				
145	75.0	78.0	81.5	85.3	89.4	93.6	98.0	101	105	108	112	115	119	123	126				
150	79.7	82.1	84.8	87.7	90.9	94.2	97.7	100	103	106	109	112	115	118	121				
155	83.9	85.6	87.5	89.7	92.0	94.4	96.9	98.9	101	103	105	107	109	112	114				
160	87.6	88.7	89.9	91.4	92.9	94.5	96.1	97.5	98.8	100	102	103	105	106	108				
165	90.6	91.2	91.9	92.7	93.5	94.4	95.4	96.1	96.9	97.7	98.5	99.3	100	101	102				
170	92.9	93.1	93.4	93.7	94.1	94.5	94.9	95.2	95.5	95.9	96.3	96.6	97.0	97.4	97.9				
175	94.4	94.4	94.5	94.6	94.6	94.7	94.8	94.9	95.0	95.0	95.1	95.2	95.3	95.4	95.6				
180	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6				

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: