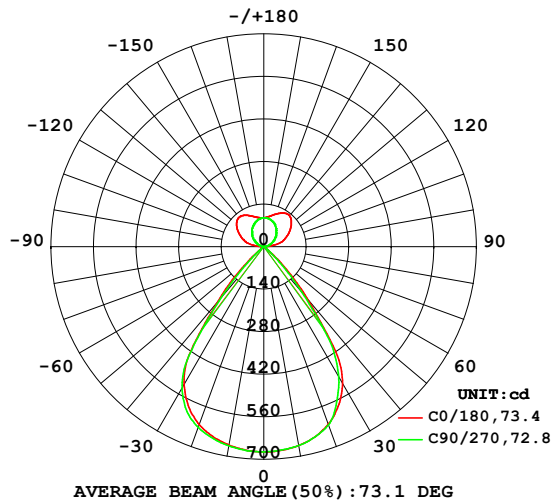


LUMINAIRE PHOTOMETRIC TEST REPORT

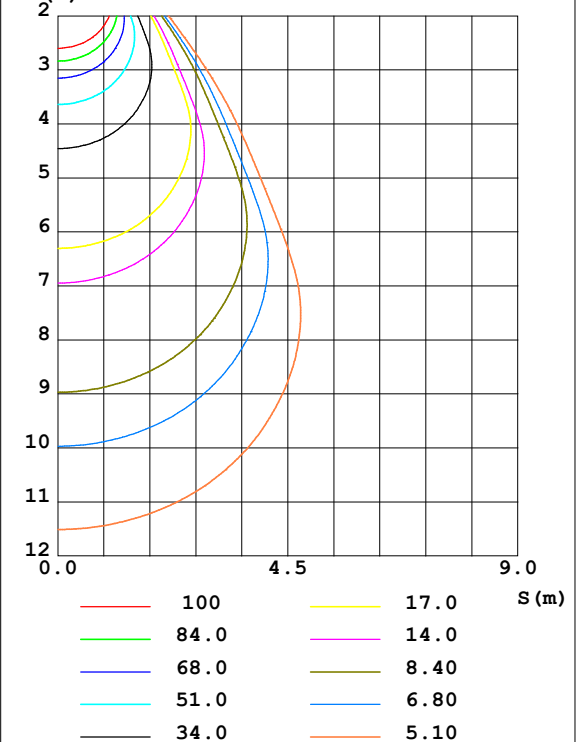
Test:U:119.3V I:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.38 lm/W			
MODEL		Imax(cd)	675.7	S/MH(C0/180)	1.05
NOMINAL POWER(W)	12W	LOR(%)	100.0	S/MH(C90/270)	1.07
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1320.8	η UP,DN(C0-180)	15.9,34.5
NOMINAL FLUX(lm)	1320.82	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	15.2,34.4
LAMPS INSIDE	1	η up(%)	31.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	68.9	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:

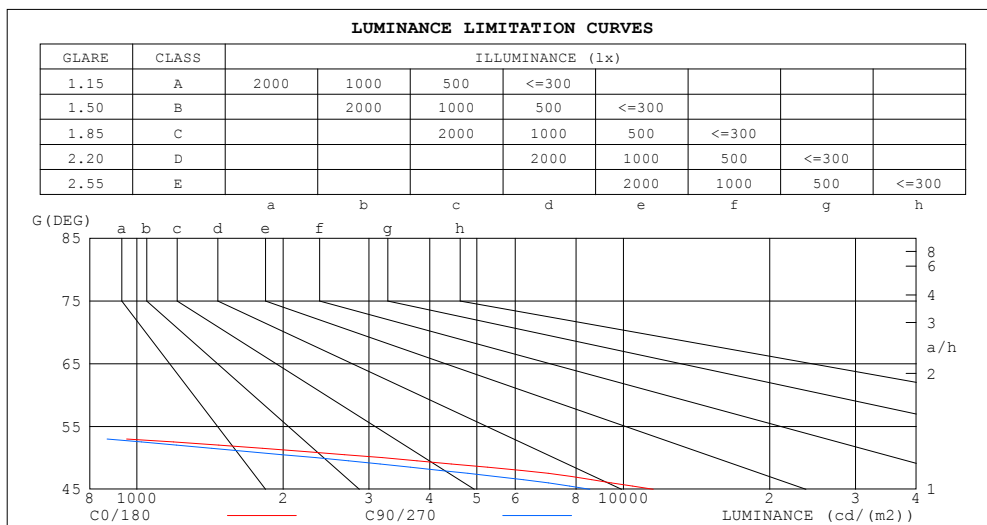
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	664.2	664.1	664.4	664.4	662.7	664.2	665.5	660.8	0- 10	63.89	63.89	4.84,4.84
20	621.7	625.0	624.2	628.6	622.5	625.2	632.6	616.3	10- 20	182.9	246.7	18.7,18.7
30	518.4	524.7	493.2	543.9	524.5	540.1	537.9	517.0	20- 30	267.8	514.5	39,39
40	221.6	329.0	194.7	359.6	235.1	365.5	215.1	319.8	30- 40	258.9	773.4	58.6,58.6
50	26.71	65.88	19.49	90.09	27.37	75.11	13.42	63.81	40- 50	117.7	891.2	67.5,67.5
60	1.439	5.408	2.467	7.143	1.326	6.264	1.513	3.459	50- 60	16.13	907.3	68.7,68.7
70	0.7755	1.285	1.391	1.174	0.6969	0.8673	0.9997	0.8406	60- 70	1.605	908.9	68.8,68.8
80	0.3200	0.5880	0.6691	0.6148	0.2733	0.5113	0.6195	0.4895	70- 80	0.7939	909.7	68.9,68.9
90	2.053	1.496	0	5.407	1.763	2.669	0.0000	0.2518	80- 90	0.4681	910.2	68.9,68.9
100	36.02	34.36	8.454	38.16	41.14	36.71	5.689	31.82	90-100	15.23	925.4	70.1,70.1
110	73.22	57.24	22.22	60.17	73.57	58.09	19.04	54.33	100-110	43.67	969.1	73.4,73.4
120	97.75	80.13	36.43	80.76	97.13	77.55	33.49	75.96	110-120	61.77	1031	78,78
130	119.4	98.52	51.06	94.66	117.2	89.85	47.89	92.24	120-130	72.42	1103	83.5,83.5
140	132.9	106.8	65.31	99.70	126.9	94.25	61.61	99.59	130-140	72.59	1176	89,89
150	128.2	107.2	78.00	99.36	119.7	94.49	74.59	100.7	140-150	62.39	1238	93.7,93.7
160	114.1	103.6	87.78	97.21	106.6	93.80	84.95	98.91	150-160	45.89	1284	97.2,97.2
170	101.0	99.09	93.79	95.54	97.29	93.97	92.38	96.52	160-170	27.55	1312	99.3,99.3
180	94.24	94.24	94.24	94.24	94.24	94.24	94.24	94.24	170-180	9.140	1321	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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



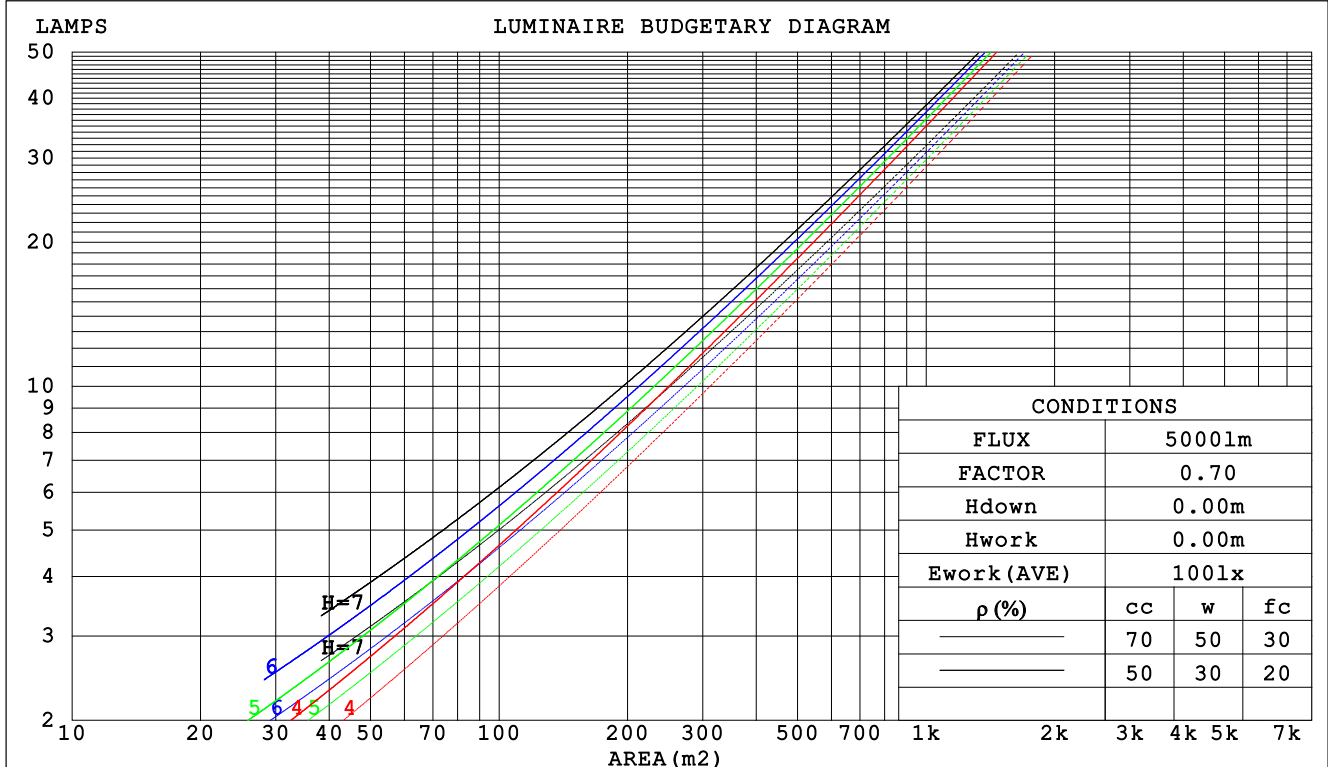
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.3V I:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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	1.12	1.12	1.12	1.05	1.05	1.05	.94	.94	.94	.83	.83	.83	.73	.73	.73	.69
1.0	1.01	.99	.96	.96	.94	.91	.87	.85	.83	.78	.76	.75	.69	.68	.68	.64
2.0	.92	.87	.83	.88	.84	.80	.80	.76	.74	.72	.70	.68	.65	.63	.62	.58
3.0	.84	.78	.74	.80	.75	.71	.73	.69	.66	.67	.64	.61	.60	.58	.56	.53
4.0	.77	.70	.65	.74	.68	.63	.67	.63	.59	.62	.58	.55	.56	.54	.52	.49
5.0	.70	.64	.59	.68	.62	.57	.62	.57	.54	.57	.53	.50	.53	.50	.47	.45
6.0	.65	.58	.53	.62	.56	.52	.58	.52	.49	.53	.49	.46	.49	.46	.43	.41
7.0	.60	.53	.48	.57	.51	.47	.53	.48	.44	.49	.45	.42	.46	.42	.40	.38
8.0	.55	.48	.44	.53	.47	.43	.50	.44	.41	.46	.42	.39	.43	.39	.37	.35
9.0	.51	.45	.40	.49	.43	.39	.46	.41	.38	.43	.39	.36	.40	.37	.34	.32
10.0	.48	.41	.37	.46	.40	.36	.43	.38	.35	.40	.36	.33	.38	.34	.32	.30



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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm					
NAME: 1FT			TYPE:3000K 2.8		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	.213	.121	.038	.197	.112	.036	.166	.095	.030	.138	.080	.026	.113	.065	.021		
2.0	.202	.111	.034	.188	.103	.032	.161	.089	.028	.135	.076	.024	.112	.063	.020		
3.0	.191	.102	.031	.178	.096	.029	.154	.083	.025	.131	.072	.022	.110	.061	.019		
4.0	.181	.094	.028	.169	.089	.026	.147	.078	.023	.126	.068	.020	.107	.058	.018		
5.0	.171	.087	.025	.161	.082	.024	.140	.073	.021	.121	.064	.019	.103	.055	.017		
6.0	.163	.081	.023	.153	.077	.022	.134	.069	.020	.116	.060	.018	.100	.052	.016		
7.0	.154	.076	.022	.145	.072	.021	.128	.065	.019	.111	.057	.017	.096	.050	.015		
8.0	.147	.072	.020	.138	.068	.019	.122	.061	.017	.107	.054	.016	.093	.048	.014		
9.0	.139	.067	.019	.132	.064	.018	.117	.058	.016	.103	.051	.015	.089	.045	.013		
10.0	.133	.064	.018	.126	.061	.017	.112	.055	.015	.098	.049	.014	.086	.043	.012		

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	.427	.427	.427	.365	.365	.365	.249	.249	.249	.143	.143	.143	.046	.046	.046	
1.0	.412	.396	.381	.353	.340	.328	.241	.234	.227	.139	.135	.132	.045	.044	.043	
2.0	.401	.373	.349	.343	.321	.302	.235	.222	.211	.136	.129	.123	.044	.042	.040	
3.0	.391	.355	.327	.335	.307	.284	.230	.213	.199	.133	.124	.117	.043	.040	.038	
4.0	.383	.342	.311	.329	.296	.270	.226	.206	.190	.131	.121	.113	.042	.039	.037	
5.0	.376	.332	.300	.323	.287	.261	.222	.201	.184	.129	.118	.109	.041	.038	.036	
6.0	.369	.324	.291	.317	.280	.253	.219	.196	.179	.127	.115	.107	.041	.038	.035	
7.0	.364	.317	.284	.313	.275	.248	.216	.193	.176	.126	.113	.104	.041	.037	.035	
8.0	.358	.311	.279	.308	.270	.243	.213	.190	.173	.124	.112	.103	.040	.037	.034	
9.0	.353	.307	.275	.304	.266	.240	.211	.187	.170	.123	.111	.102	.040	.036	.034	
10.0	.349	.303	.272	.301	.263	.237	.209	.185	.169	.122	.109	.101	.039	.036	.033	

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm										
NAME: 1FT					TYPE:3000K 2.8			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	16.8	17.7	17.5	18.3	19.0	16.0	16.9	16.7	17.5	18.2
3H	16.6	17.3	17.2	18.0	18.7	15.8	16.6	16.4	17.2	18.0
4H	16.4	17.1	17.1	17.8	18.6	15.6	16.4	16.3	17.0	17.8
6H	16.3	16.9	17.0	17.6	18.4	15.5	16.2	16.2	16.9	17.7
8H	16.2	16.8	16.9	17.5	18.4	15.4	16.1	16.1	16.8	17.6
12H	16.1	16.7	16.9	17.4	18.3	15.3	15.9	16.1	16.7	17.5
4H 2H	16.4	17.1	17.1	17.8	18.6	15.6	16.4	16.3	17.0	17.8
3H	16.1	16.7	16.9	17.5	18.3	15.3	16.0	16.1	16.7	17.5
4H	16.0	16.5	16.7	17.3	18.1	15.2	15.7	16.0	16.5	17.4
6H	15.8	16.3	16.6	17.1	18.0	15.0	15.5	15.8	16.3	17.2
8H	15.7	16.2	16.5	17.0	17.9	15.0	15.4	15.8	16.2	17.1
12H	15.6	16.0	16.5	16.8	17.8	14.9	15.3	15.7	16.1	17.1
8H 4H	15.7	16.2	16.5	17.0	17.9	15.0	15.4	15.8	16.2	17.1
6H	15.6	15.9	16.4	16.7	17.7	14.8	15.1	15.6	16.0	17.0
8H	15.5	15.8	16.3	16.6	17.6	14.7	15.0	15.6	15.9	16.9
12H	15.4	15.7	16.3	16.5	17.6	14.6	14.9	15.5	15.7	16.8
12H 4H	15.6	16.0	16.5	16.8	17.8	14.9	15.3	15.7	16.1	17.0
6H	15.5	15.8	16.3	16.6	17.6	14.7	15.0	15.6	15.9	16.9
8H	15.4	15.7	16.3	16.5	17.6	14.6	14.9	15.5	15.7	16.8
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -19.3					+ 2.9 / -17.1				
1.5H	+ 4.0 / -13.0					+ 4.1 / -13.3				
2.0H	+ 7.0 / -16.4					+ 6.5 / -11.8				

CIE Pub.117 Corrected 1321 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.0)

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

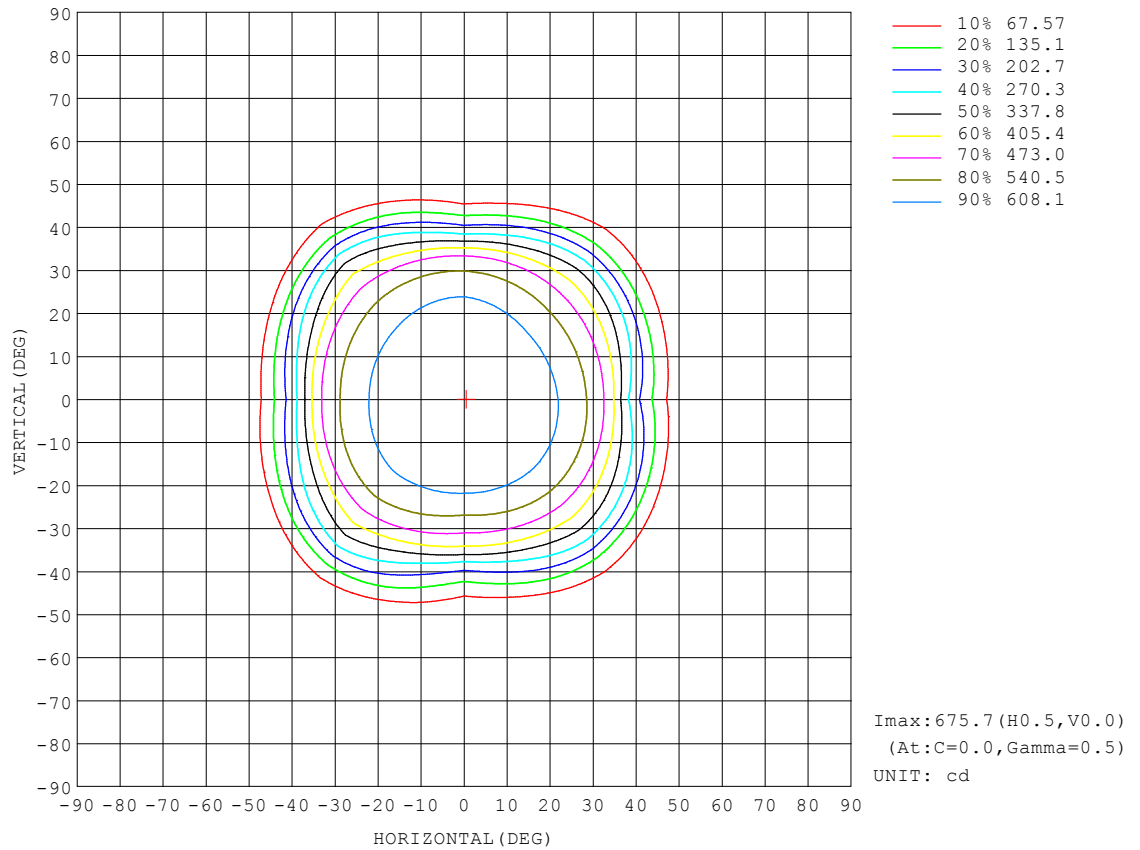
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	66	57	53	64	56	52	61	55	51	45
0.80	74	66	61	72	65	60	68	62	58	51
1.00	80	72	67	78	71	66	73	68	63	55
1.25	86	78	73	83	76	71	77	72	68	59
1.50	90	82	77	86	80	75	80	75	72	61
2.00	94	88	83	90	85	80	83	79	76	63
2.50	97	91	87	93	88	84	85	81	78	64
3.00	99	94	90	95	90	87	86	83	80	65
4.00	102	98	94	97	94	91	88	86	83	66
5.00	104	100	97	99	96	93	89	87	85	67
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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

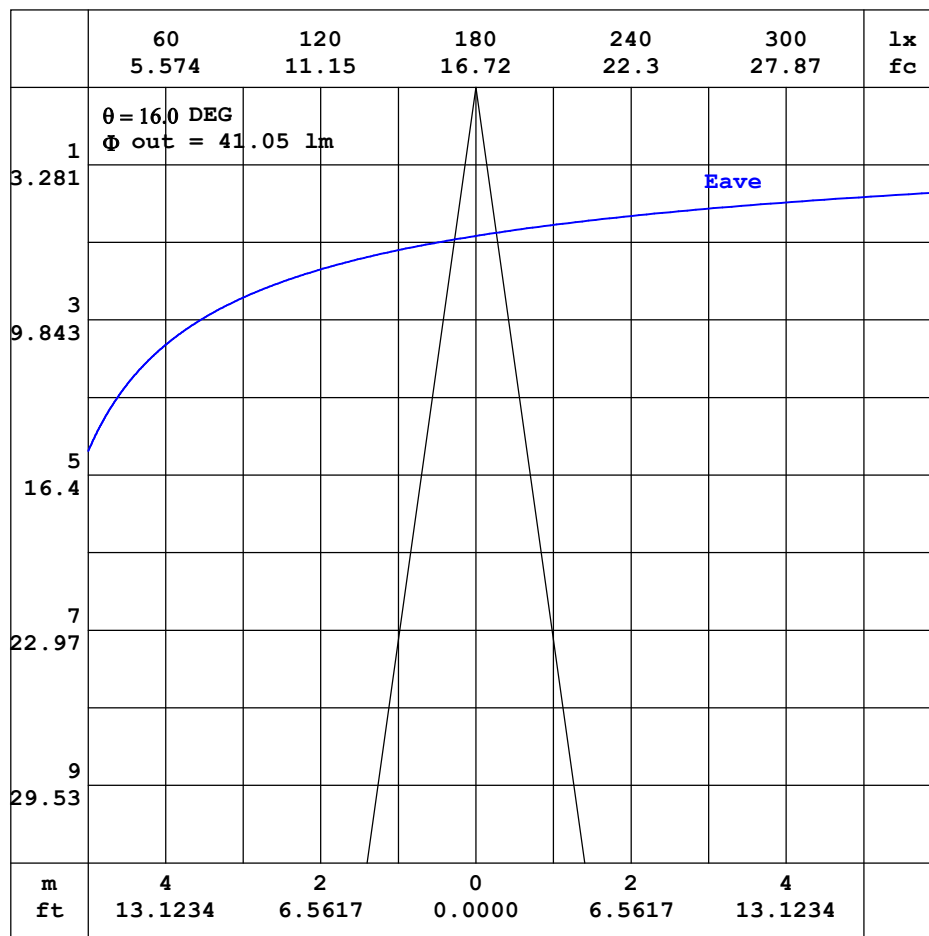


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



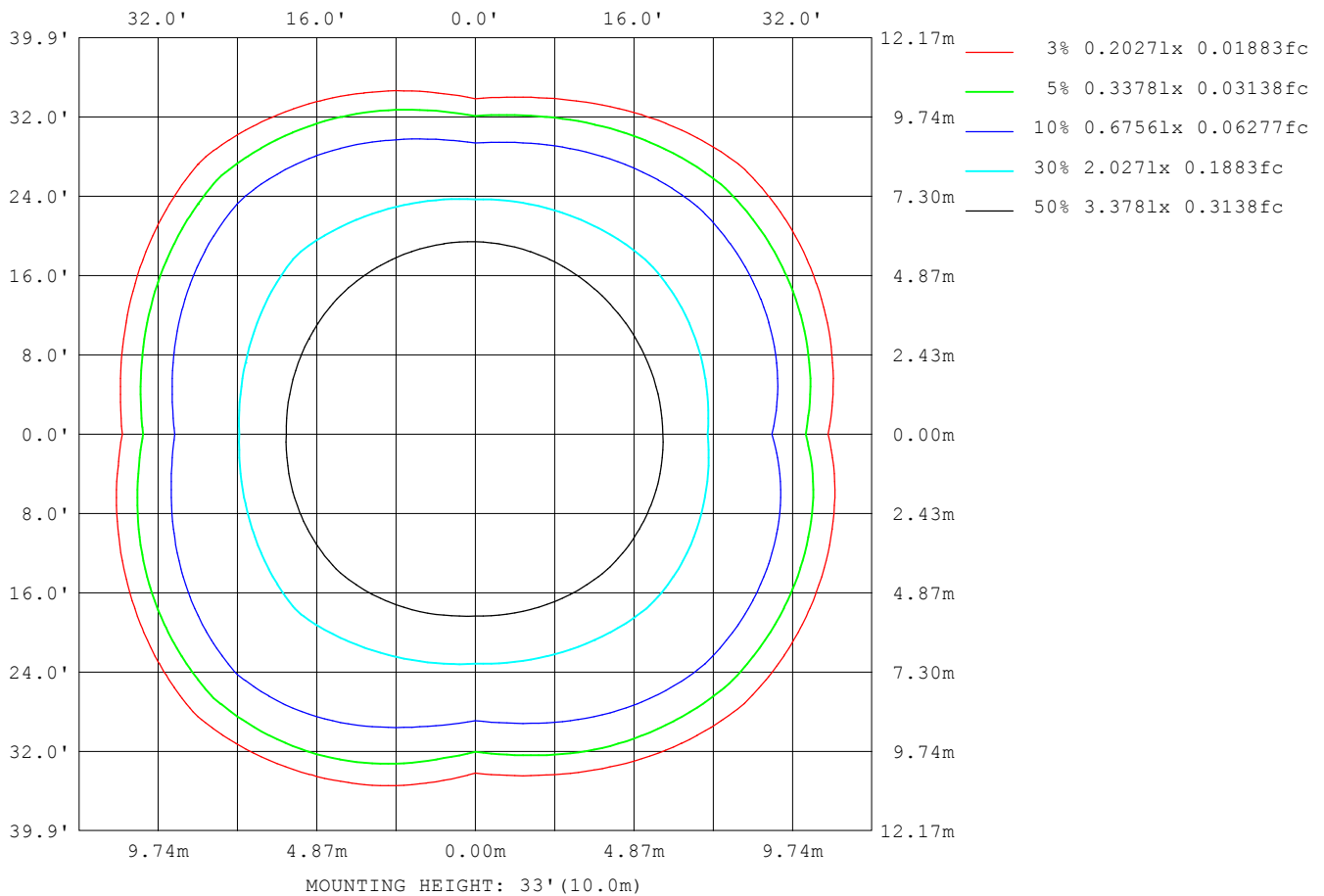
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

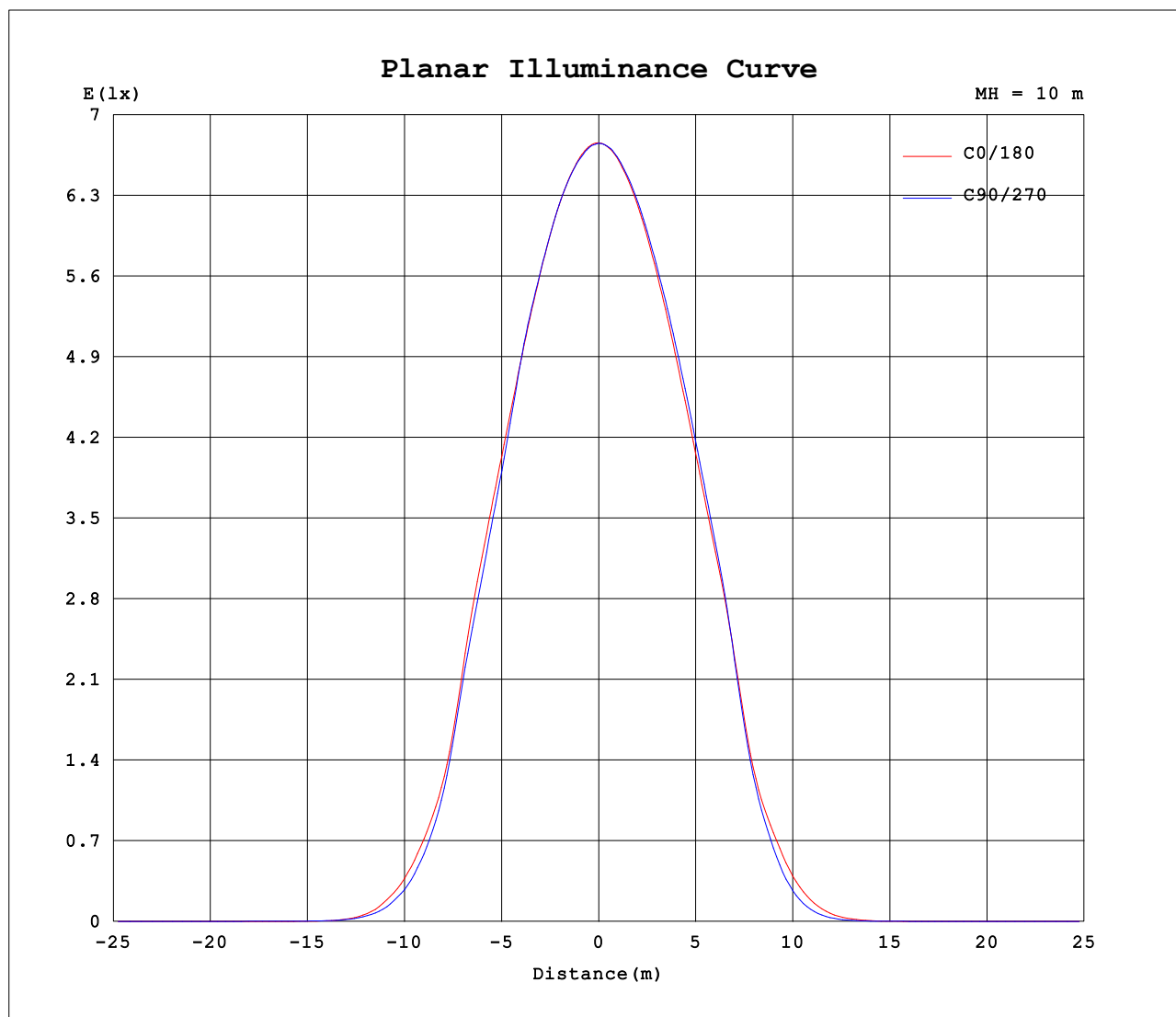
AvgL	cd/m2
L_0~180 (65) av	180
L_0~180 (75) av	148
L_0~180 (85) av	124
L_90~270 (65) av	279
L_90~270 (75) av	269
L_90~270 (85) av	380
L_45 (65) av	246
L_45 (75) av	231
L_45 (85) av	326

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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	676	676	676	676	676	676	676	675	675	675	675	675	675	675	675	675	675	675	675
5	673	673	673	673	673	672	672	672	672	672	672	672	672	672	672	672	672	672	672
10	664	664	664	664	664	664	664	664	664	664	664	664	664	664	664	664	664	664	664
15	648	649	649	649	649	649	650	650	650	650	650	650	650	649	649	649	649	649	649
20	622	622	623	623	624	624	624	625	625	625	625	625	625	625	624	624	624	624	624
25	580	582	584	586	587	588	588	589	588	588	586	583	580	578	575	572	570	568	567
30	518	521	523	525	526	527	527	527	526	525	521	517	512	508	504	500	497	495	493
35	397	406	413	420	425	429	432	433	434	433	428	421	414	407	399	393	387	382	378
40	222	245	266	284	299	311	320	326	329	329	316	301	284	267	250	233	218	205	195
45	106	125	141	155	167	176	183	187	189	189	177	165	151	136	122	108	95.9	85.9	78.5
50	26.7	35.3	42.8	49.3	54.7	59.0	62.3	64.6	65.8	65.9	61.2	55.8	49.9	43.8	37.7	32.0	26.8	22.6	19.5
55	2.84	6.80	10.3	13.3	15.9	18.0	19.7	20.9	21.6	21.9	20.3	18.3	16.0	13.7	11.3	9.01	6.91	5.12	3.74
60	1.44	2.22	2.92	3.53	4.06	4.50	4.85	5.12	5.31	5.41	5.16	4.84	4.48	4.09	3.70	3.32	2.97	2.68	2.47
65	1.04	1.14	1.23	1.32	1.40	1.48	1.55	1.61	1.66	1.71	1.75	1.79	1.82	1.84	1.86	1.87	1.87	1.87	1.87
70	0.78	0.85	0.92	0.99	1.05	1.11	1.16	1.21	1.25	1.29	1.32	1.34	1.36	1.38	1.39	1.40	1.40	1.40	1.39
75	0.53	0.58	0.63	0.68	0.73	0.77	0.80	0.84	0.87	0.90	0.92	0.94	0.96	0.97	0.99	0.99	1.00	1.00	1.00
80	0.32	0.36	0.40	0.43	0.46	0.49	0.52	0.54	0.57	0.59	0.61	0.62	0.64	0.65	0.66	0.66	0.67	0.67	0.67
85	0.16	0.19	0.22	0.24	0.27	0.29	0.31	0.33	0.35	0.37	0.38	0.39	0.40	0.41	0.41	0.42	0.42	0.42	0.42
90	2.05	2.04	2.01	1.97	1.92	1.86	1.79	1.70	1.60	1.50	1.23	0.97	0.71	0.48	0.28	0.12	0.06	0.03	0.00
95	12.9	14.1	15.0	15.7	16.2	16.5	16.6	16.5	16.2	15.7	14.1	12.3	10.5	8.66	6.92	5.33	3.96	2.88	2.15
100	36.0	37.0	37.7	38.2	38.3	38.1	37.6	36.8	35.7	34.4	31.2	27.9	24.5	21.1	17.8	14.9	12.2	10.0	8.45
105	61.3	60.3	59.1	57.7	56.2	54.4	52.5	50.4	48.1	45.6	41.6	37.4	33.2	29.3	25.5	22.1	19.2	16.9	15.2
110	73.2	72.4	71.3	70.0	68.5	66.7	64.7	62.4	60.0	57.2	52.6	47.9	43.1	38.6	34.2	30.3	26.9	24.2	22.2
115	85.5	84.8	83.9	82.7	81.2	79.4	77.3	74.9	72.2	69.2	64.0	58.7	53.3	48.1	43.2	38.7	34.8	31.6	29.3
120	97.7	97.1	96.1	94.8	93.1	91.2	88.9	86.3	83.4	80.1	74.5	68.7	62.8	57.1	51.8	46.9	42.6	39.0	36.4
125	109	108	107	106	104	102	99.6	96.9	93.8	90.4	84.4	78.2	72.0	66.0	60.3	55.0	50.4	46.6	43.7
130	119	118	117	115	113	111	108	105	102	98.5	92.4	86.1	79.8	73.7	67.9	62.6	57.9	54.0	51.1
135	128	126	124	122	120	117	114	111	108	104	97.9	91.9	85.8	79.9	74.4	69.3	64.8	61.1	58.3
140	133	131	128	126	123	120	117	114	110	107	101	95.7	90.2	84.8	79.8	75.2	71.2	67.8	65.3
145	133	131	128	126	123	120	117	114	111	108	103	98.1	93.3	88.7	84.4	80.5	77.0	74.1	72.0
150	128	126	124	122	120	118	115	113	110	107	103	99.4	95.5	91.8	88.2	85.0	82.2	79.8	78.0
155	121	120	119	117	115	114	112	110	108	106	103	99.8	96.8	94.0	91.3	88.8	86.6	84.8	83.3
160	114	113	112	111	110	109	108	106	105	104	102	99.5	97.4	95.4	93.5	91.8	90.2	88.9	87.8
165	107	106	106	106	105	104	104	103	102	101	100	98.8	97.5	96.3	95.1	94.0	92.9	92.0	91.3
170	101	101	101	101	101	100	100	99.8	99.5	99.1	98.5	97.8	97.2	96.5	95.9	95.3	94.7	94.2	93.8
175	97.1	97.2	97.3	97.3	97.4	97.4	97.3	97.3	97.2	97.1	96.9	96.7	96.5	96.3	96.0	95.8	95.5	95.3	95.1
180	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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	675	675	675	675	675	675	675	674	674	675	675	675	675	675	675	675	675	676	676
5	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672
10	664	664	664	665	665	665	665	664	664	664	664	664	664	663	663	663	663	663	663
15	649	650	650	650	650	651	651	651	651	651	650	650	649	649	648	648	648	647	647
20	625	625	626	626	627	627	628	628	629	628	627	627	626	625	625	624	623	623	622
25	569	572	575	579	582	586	589	592	595	595	594	593	591	590	588	587	585	584	584
30	498	503	508	515	521	527	533	539	544	543	542	540	538	535	532	530	527	525	525
35	385	394	403	413	423	433	443	452	459	457	453	449	444	438	432	427	422	418	423
40	209	226	246	266	287	308	327	345	360	350	338	323	308	291	275	260	246	235	247
45	93.0	110	129	149	169	189	208	224	238	228	216	202	186	170	154	138	124	112	120
50	26.1	33.9	42.4	51.3	60.3	69.0	77.1	84.3	90.1	85.3	79.1	72.0	64.2	56.1	48.0	40.3	33.3	27.4	31.2
55	6.04	8.72	11.7	14.8	17.9	21.0	23.8	26.2	28.2	26.0	23.5	20.5	17.4	14.2	11.0	8.07	5.43	3.25	5.15
60	2.94	3.48	4.07	4.68	5.28	5.86	6.37	6.81	7.14	6.63	6.01	5.32	4.59	3.85	3.12	2.44	1.83	1.33	1.72
65	1.86	1.85	1.83	1.81	1.78	1.74	1.71	1.66	1.61	1.54	1.46	1.38	1.29	1.21	1.13	1.06	1.00	0.94	0.92
70	1.38	1.37	1.35	1.33	1.31	1.28	1.25	1.21	1.17	1.12	1.06	1.00	0.94	0.88	0.83	0.78	0.73	0.70	0.70
75	1.00	1.00	0.99	0.98	0.96	0.95	0.93	0.90	0.88	0.83	0.78	0.73	0.68	0.63	0.58	0.54	0.50	0.47	0.48
80	0.67	0.67	0.67	0.67	0.67	0.66	0.65	0.63	0.61	0.58	0.53	0.49	0.45	0.41	0.37	0.33	0.30	0.27	0.28
85	0.43	0.44	0.44	0.44	0.44	0.44	0.43	0.42	0.41	0.38	0.35	0.31	0.27	0.24	0.20	0.17	0.15	0.13	0.14
90	0.55	1.17	1.82	2.50	3.17	3.82	4.43	4.96	5.41	5.20	4.90	4.53	4.10	3.63	3.14	2.66	2.19	1.76	1.79
95	3.97	6.13	8.55	11.1	13.8	16.4	19.0	21.3	23.4	23.2	22.7	21.9	20.9	19.8	18.7	17.5	16.3	15.3	15.9
100	10.5	13.1	16.2	19.7	23.4	27.2	31.0	34.7	38.2	39.5	40.4	41.2	41.6	41.9	41.9	41.8	41.5	41.1	41.4
105	17.3	20.1	23.4	27.2	31.3	35.7	40.1	44.5	48.8	51.4	53.8	55.9	57.7	59.2	60.4	61.3	61.9	62.1	61.7
110	24.6	27.8	31.6	35.9	40.5	45.4	50.4	55.4	60.2	63.0	65.4	67.6	69.4	70.9	72.1	72.9	73.4	73.6	73.2
115	31.9	35.3	39.5	44.2	49.4	54.8	60.3	65.8	71.0	74.0	76.7	79.0	80.9	82.5	83.8	84.6	85.1	85.3	84.8
120	39.1	42.8	47.2	52.2	57.6	63.4	69.2	75.1	80.8	84.1	87.1	89.7	92.0	93.8	95.3	96.3	96.9	97.1	96.5
125	46.4	50.0	54.4	59.5	65.1	70.9	77.0	83.0	88.9	92.6	96.0	98.9	102	104	105	107	108	108	107
130	53.5	56.8	61.0	65.9	71.2	76.9	82.8	88.8	94.7	98.7	103	106	109	112	114	116	117	117	116
135	60.3	63.2	67.0	71.3	76.2	81.5	86.9	92.5	98.1	102	107	110	114	117	120	122	123	124	122
140	66.9	69.3	72.4	76.2	80.4	84.9	89.8	94.7	99.7	104	108	112	116	119	122	124	126	127	125
145	73.1	75.0	77.5	80.5	83.9	87.7	91.7	95.8	100.0	104	108	111	115	118	120	122	124	125	123
150	78.8	80.2	82.0	84.3	86.9	89.8	92.9	96.1	99.4	102	106	108	111	114	116	118	119	120	118
155	83.8	84.8	86.0	87.6	89.5	91.5	93.7	96.0	98.4	101	103	105	107	109	110	112	112	113	112
160	88.0	88.6	89.4	90.4	91.5	92.8	94.2	95.7	97.2	98.7	100	101	103	104	105	106	106	107	106
165	91.4	91.6	92.0	92.5	93.2	93.9	94.6	95.4	96.2	97.0	97.8	98.5	99.1	99.7	100	101	101	101	101
170	93.8	93.8	93.9	94.1	94.3	94.6	94.9	95.2	95.5	95.8	96.1	96.4	96.6	96.8	97.0	97.2	97.3	97.3	97.0
175	95.1	95.0	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.2
180	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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	676	676	676	676	676	676	676	675	675	675	675	675	675	675	675	675	675	675	675
5	672	672	672	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673
10	663	663	663	663	664	664	664	664	664	665	665	665	665	665	666	666	665	665	664
15	647	647	647	648	648	648	648	649	649	650	650	651	652	652	652	653	653	652	651
20	623	623	623	623	624	624	625	625	626	627	629	630	631	631	632	632	633	631	629
25	584	585	586	586	587	588	589	590	592	593	594	596	597	598	598	598	598	596	594
30	527	528	530	532	534	536	538	540	541	541	541	541	541	541	540	539	538	536	533
35	428	434	440	447	453	458	463	467	463	458	452	445	438	431	425	418	413	414	415
40	261	277	293	310	327	342	355	366	353	338	320	301	282	263	245	229	215	223	232
45	131	144	157	171	184	197	207	215	203	189	173	155	138	120	104	88.9	76.0	81.2	88.6
50	36.2	41.9	48.0	54.3	60.5	66.2	71.2	75.1	69.6	63.1	55.8	48.0	40.2	32.5	25.2	18.8	13.4	17.1	22.0
55	7.52	10.2	13.1	16.1	19.0	21.7	24.1	26.1	24.1	21.7	18.9	15.9	12.9	9.85	6.99	4.42	2.25	3.72	5.60
60	2.21	2.79	3.41	4.05	4.69	5.28	5.82	6.26	5.92	5.47	4.95	4.37	3.77	3.16	2.57	2.01	1.51	1.59	1.74
65	0.92	0.92	0.94	0.95	0.97	1.00	1.02	1.05	1.07	1.10	1.12	1.14	1.16	1.17	1.19	1.20	1.20	1.19	1.17
70	0.70	0.72	0.73	0.76	0.78	0.81	0.84	0.87	0.89	0.91	0.93	0.95	0.96	0.98	0.99	0.99	1.00	0.99	0.98
75	0.49	0.51	0.53	0.55	0.58	0.61	0.65	0.68	0.70	0.72	0.74	0.76	0.77	0.78	0.79	0.80	0.81	0.80	0.79
80	0.30	0.32	0.35	0.38	0.41	0.44	0.48	0.51	0.53	0.55	0.57	0.58	0.59	0.60	0.61	0.62	0.62	0.61	0.60
85	0.16	0.18	0.21	0.24	0.27	0.30	0.33	0.37	0.38	0.40	0.41	0.42	0.43	0.43	0.44	0.44	0.44	0.43	0.42
90	1.86	1.96	2.09	2.22	2.36	2.49	2.60	2.67	2.43	2.16	1.86	1.54	1.21	0.89	0.57	0.27	0.00	0.02	0.04
95	16.6	17.3	18.1	18.8	19.4	19.8	20.1	20.1	18.1	15.9	13.5	11.1	8.63	6.27	4.08	2.13	0.49	1.07	1.99
100	41.5	41.4	41.2	40.8	40.2	39.3	38.2	36.7	33.0	29.2	25.2	21.2	17.4	13.8	10.6	7.85	5.69	7.22	9.34
105	61.0	59.9	58.5	56.8	54.8	52.5	49.9	47.1	42.6	38.0	33.4	28.9	24.6	20.6	17.1	14.2	12.0	13.6	16.0
110	72.4	71.4	69.9	68.2	66.1	63.8	61.1	58.1	53.1	48.0	42.9	37.8	33.0	28.6	24.7	21.5	19.0	20.9	23.7
115	84.0	82.9	81.3	79.5	77.2	74.7	71.8	68.6	63.2	57.6	52.1	46.6	41.4	36.7	32.5	29.0	26.4	28.6	31.7
120	95.5	94.0	92.2	90.0	87.4	84.4	81.1	77.6	71.8	66.0	60.1	54.4	49.0	44.0	39.7	36.1	33.5	35.9	39.2
125	106	104	102	99.0	95.9	92.6	88.9	84.9	79.0	73.0	67.0	61.3	55.9	50.9	46.6	43.2	40.6	43.2	46.7
130	114	112	109	106	102	98.4	94.3	89.9	84.1	78.2	72.5	67.0	61.9	57.3	53.3	50.1	47.9	50.4	53.9
135	120	117	114	111	106	102	97.5	92.8	87.3	81.9	76.6	71.6	67.0	62.9	59.4	56.7	54.9	57.2	60.5
140	123	120	116	112	108	104	99.0	94.2	89.3	84.5	79.9	75.5	71.6	68.1	65.2	63.0	61.6	63.7	66.6
145	121	118	115	111	107	103	98.9	94.6	90.5	86.5	82.7	79.2	76.0	73.3	71.0	69.3	68.3	70.1	72.5
150	116	114	111	108	105	101	98.0	94.5	91.3	88.2	85.3	82.6	80.2	78.1	76.5	75.3	74.6	76.0	78.0
155	110	109	106	104	102	99.2	96.6	94.1	91.7	89.5	87.4	85.5	83.8	82.4	81.3	80.5	80.1	81.2	82.7
160	105	103	102	101	98.9	97.2	95.5	93.8	92.3	90.8	89.5	88.3	87.2	86.3	85.6	85.2	84.9	85.8	86.8
165	100	99.3	98.5	97.6	96.6	95.7	94.7	93.7	92.9	92.1	91.4	90.7	90.2	89.7	89.4	89.2	89.1	89.7	90.3
170	96.8	96.4	96.0	95.6	95.2	94.8	94.4	94.0	93.6	93.3	93.1	92.8	92.6	92.5	92.4	92.3	92.4	92.7	93.0
175	95.1	95.1	95.0	94.9	94.8	94.7	94.6	94.6	94.5	94.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.6
180	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1320.82x1 lm																	
NAME: 1FT									TYPE:3000K 2.8						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	675	675	675	675	675	674	674	674	675	675	675	675	675	675	675				
5	672	672	672	672	671	671	671	671	671	671	671	672	672	672	673				
10	664	663	663	662	662	661	661	661	661	661	661	662	662	663	663				
15	650	649	648	647	645	645	644	644	644	644	644	645	645	646	647				
20	628	626	624	622	620	618	616	616	616	616	616	617	617	619	620				
25	591	589	586	583	580	578	576	575	574	574	574	575	575	577	578				
30	531	528	526	524	521	519	517	516	515	515	515	515	515	516	517				
35	418	420	423	426	429	431	433	432	430	427	424	420	415	410	404				
40	244	257	271	285	298	310	320	319	316	310	301	290	277	261	243				
45	97.8	108	119	131	142	153	162	163	162	159	155	148	140	131	119				
50	27.6	33.8	40.4	46.9	53.1	58.9	63.8	64.0	63.1	61.2	58.1	54.0	48.8	42.5	35.2				
55	7.79	10.2	12.7	15.1	17.5	19.5	21.3	21.1	20.4	19.3	17.7	15.7	13.1	10.2	6.74				
60	1.94	2.18	2.45	2.72	2.99	3.24	3.46	3.43	3.35	3.23	3.05	2.83	2.55	2.23	1.86				
65	1.15	1.13	1.11	1.09	1.06	1.04	1.02	1.01	1.01	1.01	1.01	1.01	1.01	1.02	1.03				
70	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.78				
75	0.77	0.75	0.74	0.72	0.70	0.68	0.65	0.64	0.62	0.61	0.60	0.58	0.57	0.55	0.54				
80	0.59	0.58	0.56	0.55	0.53	0.51	0.49	0.47	0.46	0.44	0.42	0.40	0.38	0.36	0.34				
85	0.42	0.40	0.39	0.38	0.36	0.35	0.33	0.31	0.30	0.28	0.26	0.24	0.22	0.20	0.18				
90	0.07	0.09	0.12	0.15	0.18	0.20	0.25	0.38	0.52	0.68	0.86	1.06	1.28	1.52	1.78				
95	3.17	4.57	6.12	7.77	9.45	11.1	12.7	13.3	13.8	14.1	14.3	14.3	14.2	13.9	13.5				
100	12.0	14.9	18.2	21.6	25.1	28.6	31.8	33.4	34.6	35.7	36.4	36.9	37.1	37.0	36.6				
105	19.0	22.4	26.3	30.4	34.6	39.0	43.2	45.9	48.4	50.7	52.9	54.9	56.8	58.4	60.0				
110	27.0	30.9	35.3	39.9	44.7	49.6	54.3	57.2	59.9	62.5	64.8	66.9	68.7	70.4	71.9				
115	35.5	39.8	44.7	49.8	55.1	60.5	65.7	68.9	71.8	74.5	76.9	79.1	81.1	82.8	84.3				
120	43.3	48.1	53.3	58.8	64.5	70.3	76.0	79.4	82.6	85.5	88.2	90.6	92.8	94.7	96.3				
125	51.0	56.0	61.4	67.2	73.2	79.3	85.2	88.9	92.3	95.4	98.3	101	103	105	107				
130	58.2	63.1	68.5	74.3	80.2	86.3	92.2	96.1	99.8	103	106	109	112	115	117				
135	64.5	69.1	74.2	79.6	85.3	91.1	96.9	101	105	108	112	115	119	122	125				
140	70.1	74.2	78.8	83.7	88.9	94.2	99.6	104	107	111	115	119	122	126	129				
145	75.5	79.0	82.8	87.0	91.4	96.0	101	104	108	111	115	119	122	126	129				
150	80.4	83.2	86.3	89.6	93.2	96.9	101	104	107	110	113	116	119	122	125				
155	84.5	86.7	89.0	91.6	94.3	97.1	100	102	105	107	109	112	114	117	119				
160	88.1	89.6	91.3	93.1	94.9	96.9	98.9	101	102	104	106	107	109	111	112				
165	91.1	92.1	93.1	94.1	95.3	96.5	97.7	98.7	99.7	101	102	103	104	105	106				
170	93.4	93.8	94.3	94.8	95.4	95.9	96.5	97.0	97.5	98.0	98.5	99.0	99.5	100.0	100				
175	94.8	94.9	95.0	95.2	95.3	95.5	95.7	95.8	96.0	96.1	96.3	96.4	96.6	96.8	96.9				
180	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2				

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: