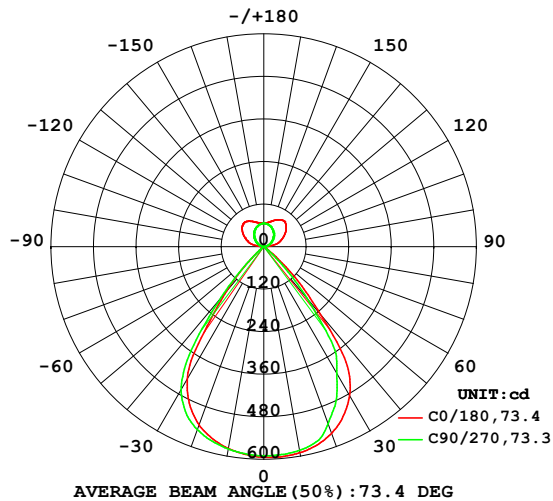


LUMINAIRE PHOTOMETRIC TEST REPORT

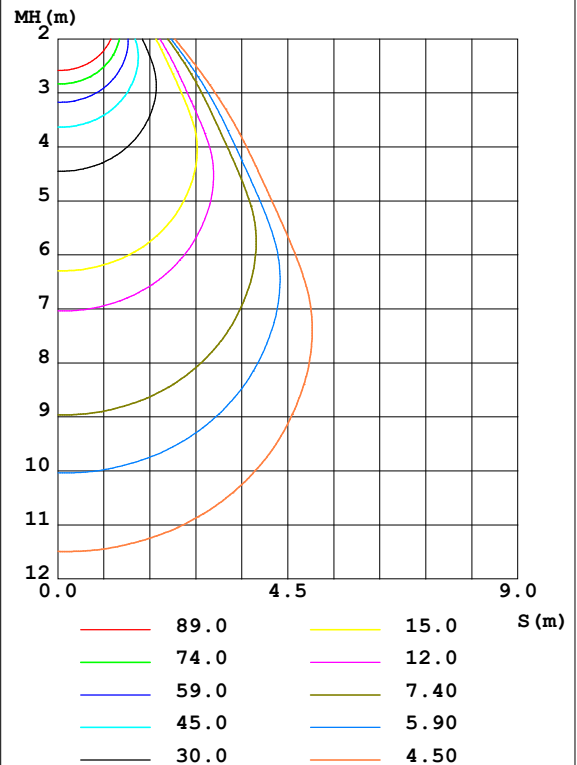
Test:U:119.3V I:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.40 lm/W			
MODEL		I _{max} (cd)	595.0	S/MH (C0/180)	1.12
NOMINAL POWER(W)	9W	LOR(%)	100.0	S/MH (C90/270)	1.07
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1080.4	η UP,DN (C0-180)	13.1,36.9
NOMINAL FLUX(lm)	1080.42	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	13.2,36.8
LAMPS INSIDE	1	η up (%)	26.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120.0	η down (%)	73.7	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:

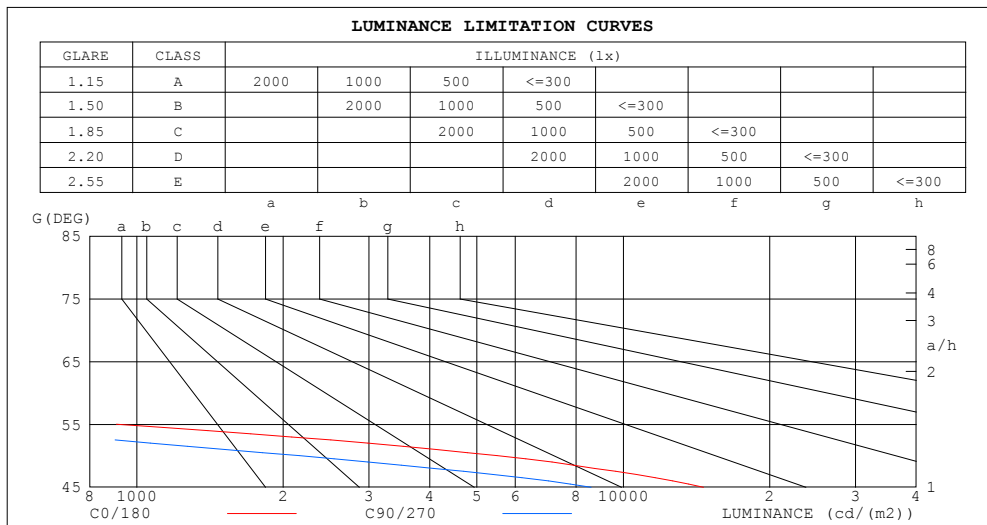
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	589.8	587.6	583.3	578.3	578.0	576.5	579.3	578.7	0- 10	55.94	55.94	5.18,5.18
20	560.1	558.9	531.0	544.4	534.6	536.9	549.0	546.0	10- 20	160.0	216.0	20,20
30	484.3	462.9	411.6	444.9	432.1	453.8	467.1	469.7	20- 30	232.5	448.5	41.5,41.5
40	248.2	300.8	188.4	280.2	162.5	290.4	186.8	313.6	30- 40	224.9	673.4	62.3,62.3
50	45.95	75.87	18.02	62.20	11.25	60.00	15.43	71.27	40- 50	104.3	777.7	72,72
60	1.505	7.460	2.663	5.873	1.304	3.891	1.544	5.432	50- 60	15.48	793.2	73.4,73.4
70	0.8893	1.402	1.682	1.506	0.6995	0.7390	0.9149	0.7970	60- 70	1.683	794.9	73.6,73.6
80	0.5114	0.8787	0.9403	0.8570	0.3654	0.4481	0.4889	0.5136	70- 80	0.8886	795.8	73.7,73.7
90	2.089	0.6046	0.0029	1.339	0.7706	3.132	0.2324	1.651	80- 90	0.5868	796.4	73.7,73.7
100	27.79	23.16	4.841	24.56	25.49	26.40	4.802	24.41	90-100	10.61	807.0	74.7,74.7
110	51.79	38.83	14.23	39.24	49.84	41.24	14.36	39.61	100-110	30.20	837.2	77.5,77.5
120	68.64	54.36	24.12	53.51	66.11	55.13	24.18	54.37	110-120	42.71	879.9	81.4,81.4
130	83.50	66.49	34.17	63.42	80.33	64.26	34.26	65.09	120-130	50.06	930.0	86.1,86.1
140	92.21	72.01	43.91	67.50	87.64	67.40	43.91	69.67	130-140	50.17	980.1	90.7,90.7
150	88.24	72.46	52.69	67.88	83.41	67.26	52.81	70.09	140-150	43.13	1023	94.7,94.7
160	78.28	70.46	59.77	66.91	74.47	66.21	59.82	68.66	150-160	31.75	1055	97.6,97.6
170	69.60	67.91	64.39	66.05	67.84	65.68	64.47	66.92	160-170	19.07	1074	99.4,99.4
180	65.25	65.25	65.25	65.25	65.25	65.25	65.25	65.25	170-180	6.330	1080	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:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	321	569
80	227	417
75	203	380
70	200	378
65	210	385
60	231	410
55	908	488
50	5499	2157
45	14625	8585

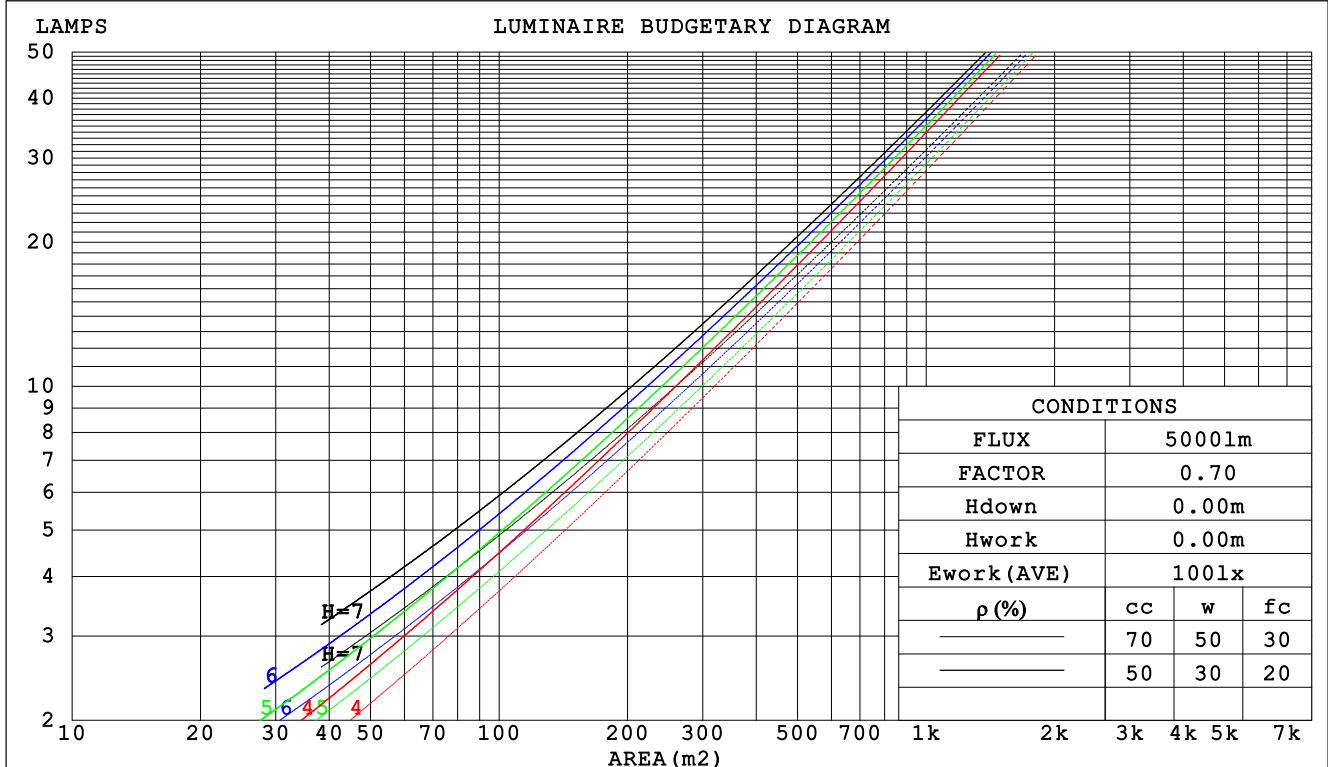
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 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	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
1.0	1.03	.00	.97	.98	.95	.93	.89	.87	.86	.81	.80	.78	.73	.73	.72	.68
2.0	.94	.89	.85	.90	.85	.82	.82	.79	.76	.75	.73	.71	.69	.67	.65	.62
3.0	.85	.80	.75	.82	.77	.73	.76	.72	.68	.70	.67	.64	.64	.62	.60	.57
4.0	.78	.72	.67	.75	.70	.65	.70	.65	.62	.65	.61	.58	.60	.57	.55	.52
5.0	.72	.65	.60	.69	.63	.59	.64	.59	.56	.60	.56	.53	.56	.53	.50	.48
6.0	.66	.59	.54	.64	.58	.53	.60	.55	.51	.56	.52	.48	.52	.49	.46	.44
7.0	.61	.54	.49	.59	.53	.48	.55	.50	.46	.52	.48	.44	.49	.45	.42	.40
8.0	.56	.50	.45	.55	.49	.44	.51	.46	.43	.48	.44	.41	.45	.42	.39	.37
9.0	.52	.46	.41	.51	.45	.41	.48	.43	.39	.45	.41	.38	.43	.39	.36	.34
10.0	.49	.42	.38	.47	.42	.37	.45	.40	.36	.42	.38	.35	.40	.36	.34	.32



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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.3V I:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm					
NAME: 1FT			TYPE:3500K 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	.210	.120	.038	.195	.111	.035	.168	.096	.031	.142	.082	.026	.119	.069	.022		
2.0	.200	.110	.034	.187	.103	.032	.163	.090	.028	.140	.078	.025	.119	.067	.021		
3.0	.190	.101	.030	.178	.095	.029	.156	.084	.026	.135	.074	.023	.116	.064	.020		
4.0	.180	.094	.028	.169	.089	.026	.149	.079	.024	.130	.070	.021	.113	.061	.019		
5.0	.171	.087	.025	.161	.083	.024	.142	.074	.022	.125	.066	.020	.109	.058	.018		
6.0	.162	.081	.023	.153	.077	.022	.136	.070	.020	.120	.063	.018	.106	.056	.016		
7.0	.154	.076	.022	.146	.073	.021	.130	.066	.019	.115	.059	.017	.102	.053	.016		
8.0	.146	.071	.020	.139	.068	.019	.124	.062	.018	.111	.056	.016	.098	.050	.015		
9.0	.139	.067	.019	.132	.064	.018	.119	.059	.017	.106	.053	.015	.094	.048	.014		
10.0	.133	.064	.018	.126	.061	.017	.114	.056	.016	.102	.051	.014	.091	.046	.013		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.391	.391	.391	.334	.334	.334	.228	.228	.228	.131	.131	.131	.042	.042	.042	
1.0	.375	.359	.344	.321	.308	.296	.220	.212	.205	.126	.123	.119	.041	.039	.039	
2.0	.363	.336	.312	.311	.289	.270	.213	.200	.188	.123	.116	.110	.039	.038	.036	
3.0	.353	.318	.290	.303	.274	.251	.208	.191	.176	.120	.111	.104	.039	.036	.034	
4.0	.345	.305	.274	.296	.263	.238	.204	.184	.168	.118	.107	.099	.038	.035	.033	
5.0	.338	.294	.262	.290	.255	.228	.200	.178	.161	.116	.104	.096	.037	.034	.031	
6.0	.331	.286	.253	.285	.248	.221	.196	.173	.156	.114	.102	.093	.037	.033	.031	
7.0	.326	.279	.246	.280	.242	.215	.193	.170	.152	.112	.100	.091	.036	.033	.030	
8.0	.320	.273	.241	.276	.237	.210	.191	.167	.149	.111	.098	.089	.036	.032	.029	
9.0	.315	.269	.237	.272	.233	.207	.188	.164	.147	.110	.097	.088	.036	.032	.029	
10.0	.311	.265	.234	.268	.230	.204	.186	.162	.145	.108	.096	.087	.035	.031	.029	

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:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm										
NAME: 1FT					TYPE:3500K 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	17.6	18.5	18.2	19.1	19.7	16.4	17.3	17.0	17.9	18.5
3H	17.4	18.2	18.0	18.8	19.5	16.2	17.0	16.8	17.6	18.3
4H	17.2	18.0	17.9	18.6	19.3	16.0	16.8	16.7	17.4	18.1
6H	17.1	17.8	17.8	18.4	19.2	15.9	16.6	16.6	17.2	18.0
8H	17.0	17.7	17.7	18.3	19.1	15.8	16.5	16.5	17.2	17.9
12H	17.0	17.6	17.6	18.3	19.0	15.8	16.4	16.5	17.1	17.8
4H 2H	17.3	18.0	17.9	18.6	19.3	16.1	16.8	16.7	17.4	18.1
3H	17.0	17.6	17.7	18.3	19.0	15.8	16.4	16.5	17.1	17.9
4H	16.8	17.4	17.5	18.1	18.9	15.6	16.2	16.4	16.9	17.7
6H	16.7	17.2	17.4	17.9	18.7	15.5	16.0	16.2	16.7	17.6
8H	16.6	17.1	17.4	17.8	18.7	15.4	15.9	16.2	16.6	17.5
12H	16.5	16.9	17.3	17.7	18.6	15.4	15.8	16.1	16.5	17.4
8H 4H	16.6	17.1	17.4	17.8	18.7	15.4	15.9	16.2	16.6	17.5
6H	16.4	16.8	17.2	17.6	18.5	15.3	15.6	16.1	16.4	17.3
8H	16.4	16.7	17.2	17.5	18.4	15.2	15.5	16.0	16.3	17.3
12H	16.3	16.6	17.1	17.4	18.3	15.1	15.4	15.9	16.2	17.2
12H 4H	16.5	16.9	17.3	17.7	18.6	15.3	15.8	16.1	16.5	17.4
6H	16.4	16.7	17.2	17.5	18.4	15.2	15.5	16.0	16.3	17.2
8H	16.3	16.6	17.1	17.4	18.3	15.1	15.4	15.9	16.2	17.2
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -17.0					+ 2.9 / -14.9				
1.5H	+ 3.6 / - 9.1					+ 3.7 / -13.2				
2.0H	+ 6.7 / -15.8					+ 6.3 / -10.9				

CIE Pub.117 Corrected 1080 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

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:

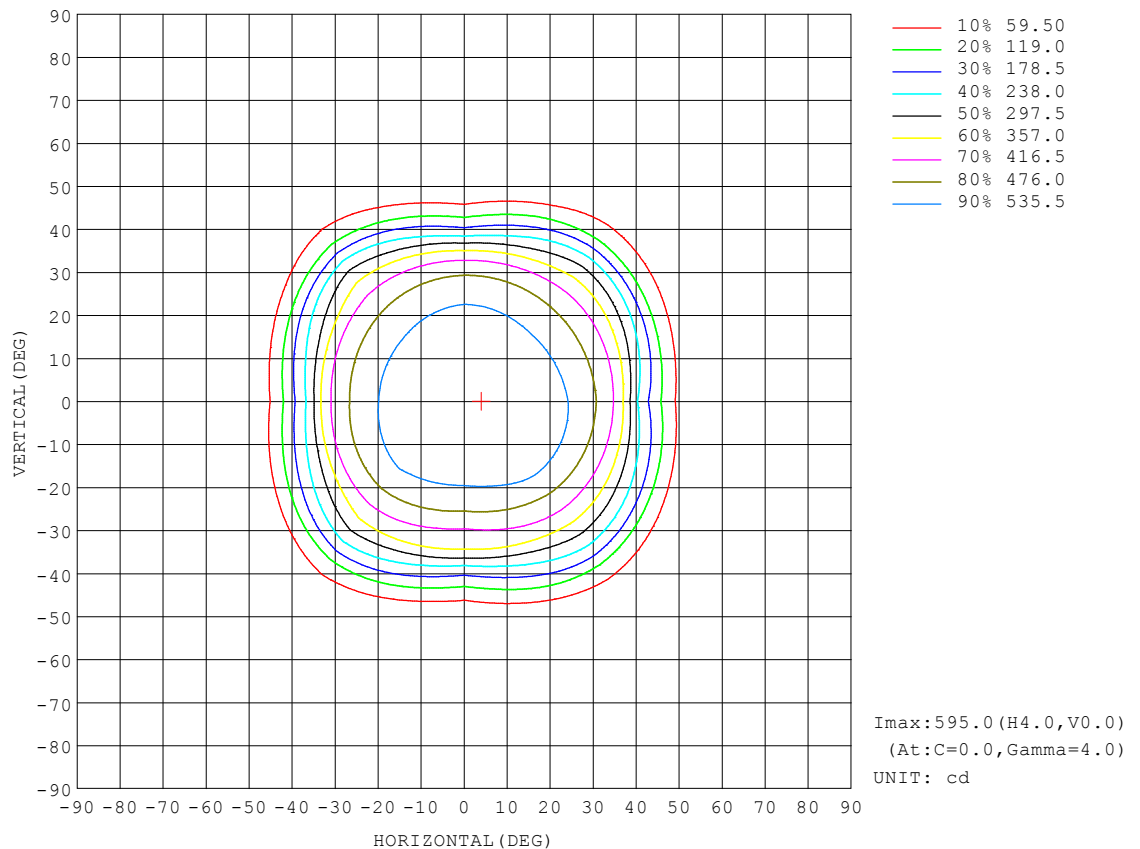
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γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

Test:U:119.3V I:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

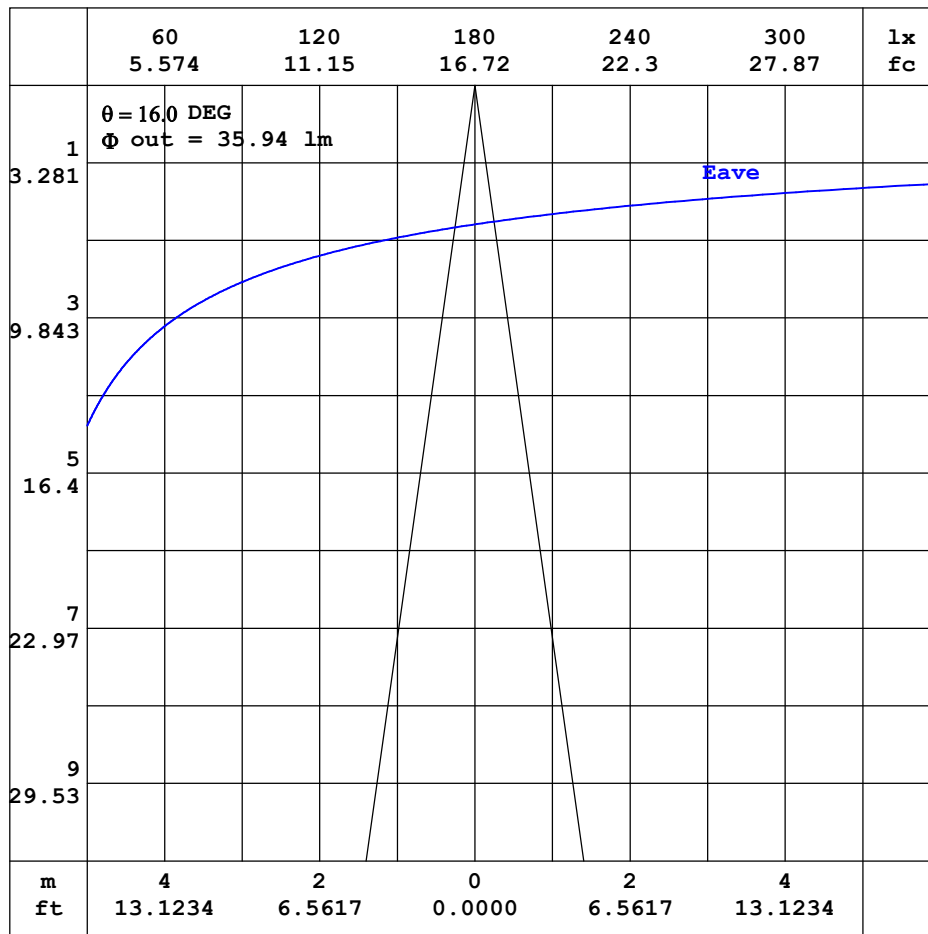


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



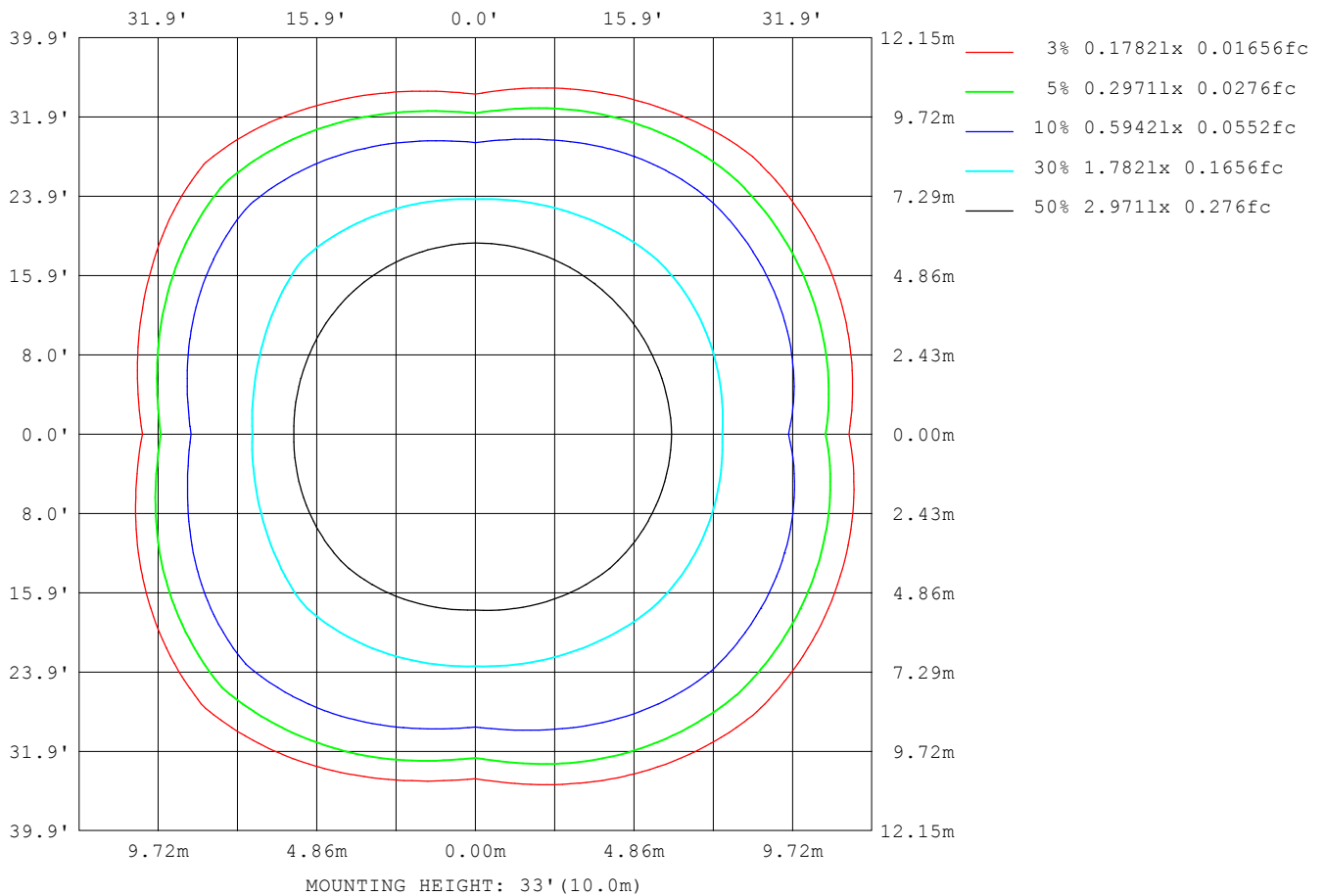
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 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:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

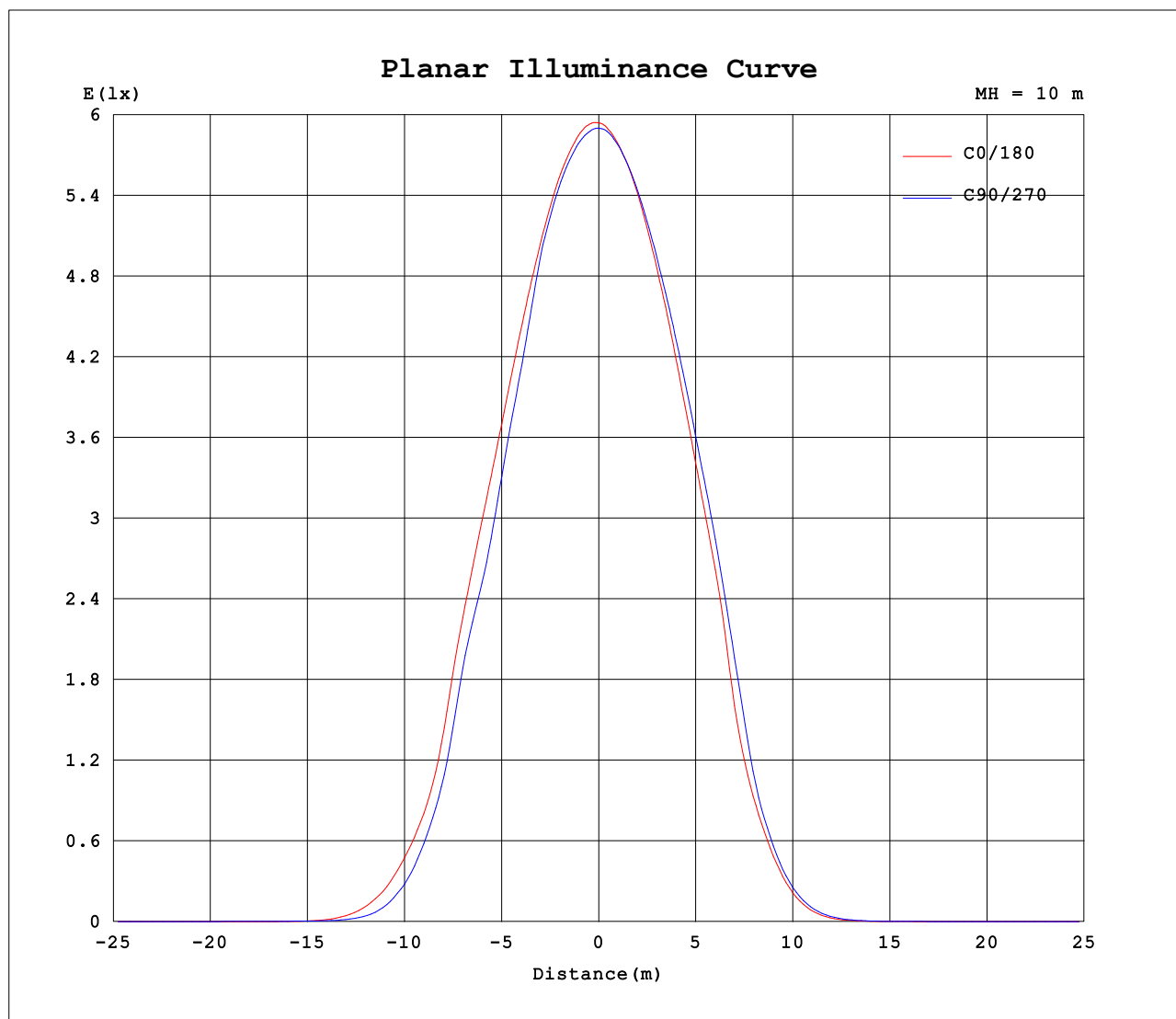
AvgL	cd/m2
L_0~180 (65) av	192
L_0~180 (75) av	176
L_0~180 (85) av	270
L_90~270 (65) av	300
L_90~270 (75) av	292
L_90~270 (85) av	445
L_45 (65) av	257
L_45 (75) av	258
L_45 (85) av	474

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:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 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	594	594	593	593	593	593	592	592	592	592	591	591	591	591	591	590	590	590	590
5	595	594	594	594	593	593	593	592	592	592	591	591	591	590	590	590	589	589	589
10	590	590	590	589	589	589	589	588	588	588	587	587	586	586	585	585	584	584	583
15	579	579	579	579	579	579	579	578	578	578	577	576	575	575	574	573	572	571	571
20	560	561	562	563	563	563	562	562	560	559	556	553	549	546	542	539	536	533	531
25	529	530	531	531	530	529	528	526	524	522	517	512	507	502	498	493	489	485	482
30	484	483	482	481	479	476	473	470	467	463	457	450	443	437	431	425	420	415	412
35	411	410	409	408	406	404	402	399	396	392	386	380	373	367	361	356	351	346	343
40	248	262	274	284	292	298	302	303	303	301	290	277	263	249	235	221	209	198	188
45	134	150	162	173	182	188	193	195	195	193	182	170	156	142	127	113	100	88.6	78.9
50	46.0	53.6	60.2	65.7	70.1	73.4	75.7	76.8	76.9	75.9	70.3	63.9	57.0	49.7	42.4	35.3	28.7	22.9	18.0
55	6.77	11.1	15.0	18.3	21.1	23.3	25.0	26.2	26.8	26.9	24.9	22.5	19.8	16.9	13.9	11.0	8.20	5.72	3.64
60	1.50	2.70	3.76	4.68	5.48	6.14	6.67	7.07	7.33	7.46	7.11	6.66	6.13	5.54	4.92	4.30	3.70	3.14	2.66
65	1.15	1.23	1.31	1.38	1.45	1.52	1.59	1.65	1.71	1.76	1.82	1.87	1.92	1.97	2.01	2.04	2.07	2.10	2.12
70	0.89	0.96	1.02	1.09	1.15	1.20	1.26	1.31	1.36	1.40	1.45	1.49	1.53	1.57	1.60	1.63	1.65	1.67	1.68
75	0.68	0.74	0.80	0.86	0.91	0.96	1.00	1.04	1.08	1.12	1.15	1.18	1.20	1.22	1.24	1.26	1.27	1.27	1.28
80	0.51	0.57	0.62	0.67	0.71	0.75	0.79	0.82	0.85	0.88	0.90	0.91	0.93	0.93	0.94	0.94	0.94	0.94	0.94
85	0.36	0.42	0.46	0.51	0.55	0.58	0.61	0.64	0.66	0.68	0.69	0.69	0.69	0.68	0.68	0.67	0.66	0.65	0.64
90	2.09	1.88	1.68	1.50	1.32	1.16	1.00	0.86	0.73	0.60	0.48	0.42	0.36	0.29	0.22	0.16	0.10	0.04	0.00
95	10.5	10.8	11.0	11.1	11.1	11.0	10.8	10.6	10.2	9.72	8.65	7.53	6.38	5.26	4.19	3.22	2.38	1.71	1.25
100	27.8	27.9	27.9	27.8	27.4	26.9	26.2	25.4	24.3	23.2	20.9	18.4	16.0	13.6	11.4	9.27	7.45	5.94	4.84
105	43.4	42.5	41.4	40.3	39.0	37.6	36.1	34.5	32.8	31.0	28.0	25.1	22.2	19.3	16.7	14.3	12.2	10.6	9.38
110	51.8	50.9	49.9	48.8	47.5	46.0	44.4	42.7	40.8	38.8	35.6	32.2	28.9	25.7	22.7	19.9	17.6	15.6	14.2
115	60.2	59.5	58.6	57.5	56.2	54.7	53.1	51.2	49.2	47.0	43.4	39.6	35.9	32.3	28.9	25.8	23.0	20.8	19.2
120	68.6	67.8	66.8	65.7	64.3	62.7	60.9	58.9	56.7	54.4	50.4	46.4	42.3	38.4	34.7	31.3	28.3	25.9	24.1
125	76.4	75.5	74.4	73.2	71.7	70.0	68.1	66.0	63.7	61.1	57.0	52.7	48.5	44.3	40.4	36.8	33.7	31.1	29.2
130	83.5	82.4	81.0	79.5	77.8	75.9	73.9	71.6	69.1	66.5	62.3	57.9	53.6	49.5	45.5	41.9	38.7	36.1	34.2
135	89.1	87.6	85.9	84.1	82.1	80.0	77.7	75.3	72.8	70.1	65.9	61.8	57.6	53.6	49.9	46.4	43.5	41.0	39.1
140	92.2	90.4	88.4	86.4	84.2	82.0	79.6	77.2	74.6	72.0	68.2	64.3	60.6	57.0	53.6	50.5	47.8	45.6	43.9
145	91.6	89.8	87.9	85.9	83.9	81.8	79.6	77.4	75.1	72.7	69.4	66.0	62.8	59.7	56.7	54.1	51.8	49.9	48.5
150	88.2	86.7	85.1	83.4	81.7	80.0	78.2	76.3	74.4	72.5	69.7	67.0	64.4	61.9	59.5	57.3	55.4	53.9	52.7
155	83.4	82.3	81.1	79.9	78.6	77.3	76.0	74.6	73.1	71.6	69.6	67.5	65.5	63.6	61.8	60.1	58.6	57.4	56.5
160	78.3	77.6	76.8	76.0	75.2	74.3	73.4	72.4	71.5	70.5	69.0	67.6	66.2	64.8	63.6	62.4	61.3	60.5	59.8
165	73.4	73.1	72.7	72.3	71.8	71.3	70.8	70.3	69.7	69.1	68.3	67.4	66.5	65.7	64.9	64.1	63.4	62.9	62.4
170	69.6	69.5	69.4	69.2	69.1	68.9	68.7	68.4	68.2	67.9	67.5	67.0	66.6	66.2	65.7	65.3	65.0	64.7	64.4
175	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.0	67.0	66.9	66.7	66.6	66.4	66.3	66.1	66.0	65.8	65.7	65.6
180	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3

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:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 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	590	589	589	589	589	589	588	588	588	589	590	590	591	592	592	593	594	594	594
5	588	588	587	587	587	586	586	586	586	586	586	586	587	587	587	588	588	588	588
10	583	582	581	581	580	580	579	579	578	578	578	578	578	578	578	578	578	578	578
15	570	569	569	568	568	567	567	566	566	565	565	564	563	563	562	562	561	561	561
20	532	533	534	536	537	539	541	543	544	544	543	542	541	540	538	537	536	535	534
25	484	486	489	492	495	498	502	505	508	507	506	504	503	501	499	497	495	494	494
30	413	416	420	424	428	432	437	441	445	444	443	442	440	438	437	435	433	432	434
35	345	349	353	357	361	365	368	371	372	363	354	344	333	323	314	305	298	292	299
40	196	206	217	229	241	252	263	273	280	269	256	242	227	212	197	183	172	162	173
45	85.7	94.4	104	115	127	138	148	157	165	155	144	132	119	106	92.7	80.6	69.8	61.0	68.4
50	21.5	26.0	31.1	36.8	42.6	48.3	53.7	58.4	62.2	57.7	52.2	46.2	39.7	33.2	26.8	20.8	15.6	11.2	15.3
55	5.08	6.93	9.06	11.4	13.8	16.1	18.4	20.3	21.9	20.2	18.1	15.7	13.2	10.6	8.08	5.69	3.56	1.79	3.16
60	2.91	3.24	3.63	4.04	4.47	4.89	5.28	5.61	5.87	5.48	5.00	4.48	3.92	3.34	2.77	2.23	1.73	1.30	1.46
65	2.13	2.14	2.14	2.13	2.11	2.09	2.05	2.01	1.95	1.85	1.74	1.63	1.51	1.39	1.27	1.16	1.06	0.96	0.92
70	1.69	1.69	1.68	1.67	1.65	1.63	1.59	1.55	1.51	1.42	1.33	1.23	1.14	1.04	0.95	0.86	0.77	0.70	0.68
75	1.28	1.28	1.28	1.27	1.25	1.24	1.21	1.18	1.15	1.08	1.00	0.93	0.85	0.77	0.70	0.63	0.56	0.50	0.49
80	0.94	0.94	0.94	0.94	0.93	0.92	0.90	0.88	0.86	0.80	0.75	0.69	0.63	0.57	0.51	0.46	0.41	0.37	0.36
85	0.65	0.66	0.67	0.67	0.68	0.68	0.68	0.67	0.66	0.62	0.57	0.52	0.47	0.42	0.37	0.33	0.29	0.25	0.25
90	0.13	0.27	0.42	0.59	0.75	0.92	1.07	1.21	1.34	1.28	1.21	1.12	1.03	0.95	0.87	0.81	0.78	0.77	1.04
95	2.19	3.33	4.62	6.01	7.46	8.91	10.3	11.6	12.8	12.7	12.4	12.1	11.6	11.1	10.5	10.0	9.55	9.17	9.92
100	6.19	7.94	10.00	12.3	14.7	17.3	19.8	22.3	24.6	25.2	25.7	26.0	26.2	26.2	26.1	25.9	25.7	25.5	26.0
105	10.7	12.5	14.8	17.3	20.0	22.9	25.9	28.9	31.8	33.6	35.3	36.8	38.1	39.2	40.1	40.9	41.4	41.7	41.7
110	15.7	17.8	20.2	23.0	26.1	29.3	32.7	36.0	39.2	41.2	43.0	44.6	46.0	47.2	48.2	49.0	49.5	49.8	49.8
115	20.8	23.1	25.8	28.9	32.3	35.9	39.6	43.3	46.9	49.0	50.9	52.6	54.0	55.3	56.3	57.0	57.5	57.8	57.8
120	25.8	28.2	31.1	34.4	38.0	41.8	45.7	49.7	53.5	55.9	58.0	59.9	61.6	63.0	64.2	65.1	65.8	66.1	66.0
125	30.8	33.2	36.1	39.5	43.2	47.1	51.2	55.2	59.2	61.8	64.2	66.4	68.3	70.0	71.3	72.4	73.2	73.7	73.4
130	35.7	38.0	40.7	44.0	47.5	51.4	55.4	59.4	63.4	66.3	69.0	71.4	73.7	75.7	77.3	78.7	79.7	80.3	79.8
135	40.5	42.4	44.9	47.8	51.1	54.7	58.4	62.2	66.1	69.1	72.1	74.8	77.4	79.6	81.6	83.2	84.5	85.3	84.5
140	45.0	46.6	48.8	51.3	54.2	57.3	60.6	64.0	67.5	70.6	73.6	76.4	79.1	81.5	83.6	85.4	86.7	87.6	86.7
145	49.3	50.6	52.3	54.4	56.8	59.4	62.1	65.0	68.0	70.8	73.5	76.2	78.6	80.9	82.9	84.6	85.9	86.8	85.8
150	53.3	54.3	55.6	57.2	59.0	61.1	63.3	65.5	67.9	70.2	72.4	74.6	76.6	78.5	80.2	81.6	82.7	83.4	82.6
155	56.9	57.6	58.5	59.7	61.0	62.5	64.1	65.8	67.5	69.2	70.8	72.4	74.0	75.3	76.6	77.6	78.4	79.0	78.3
160	60.0	60.4	61.0	61.8	62.7	63.6	64.7	65.8	66.9	68.0	69.1	70.2	71.2	72.1	72.9	73.6	74.1	74.5	74.0
165	62.5	62.7	63.1	63.5	64.0	64.5	65.1	65.8	66.4	67.0	67.7	68.2	68.8	69.3	69.8	70.1	70.4	70.6	70.3
170	64.4	64.5	64.6	64.8	65.0	65.2	65.5	65.8	66.1	66.3	66.6	66.8	67.1	67.3	67.5	67.6	67.8	67.8	67.7
175	65.6	65.6	65.6	65.6	65.7	65.7	65.8	65.8	65.9	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.2
180	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3

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:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm		
NAME: 1FT	TYPE:3500K 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	594	594	593	593	593	592	592	592	591	591	591	591	591	590	590	590	590	590	589
5	588	588	588	588	587	587	587	587	587	587	587	587	587	587	587	587	587	587	586
10	578	577	577	577	577	577	577	576	577	577	577	578	578	578	579	579	579	579	579
15	560	560	560	560	560	560	560	560	561	562	563	564	564	565	566	567	568	567	567
20	534	534	534	535	535	535	536	537	538	540	541	543	544	545	547	548	549	549	549
25	494	495	496	497	498	499	501	502	504	506	508	510	512	514	516	517	519	519	518
30	435	438	440	443	445	448	451	454	456	458	459	461	462	464	465	466	467	467	468
35	308	318	329	341	352	364	374	384	383	382	379	375	371	367	364	360	357	361	365
40	186	201	217	234	250	265	279	290	282	271	259	246	232	219	206	195	187	197	210
45	77.7	88.4	100	112	124	135	145	154	147	138	128	117	106	96.0	86.5	78.4	72.2	81.8	93.3
50	20.3	26.0	32.1	38.4	44.6	50.4	55.7	60.0	56.1	51.3	45.9	40.2	34.4	28.7	23.5	19.0	15.4	20.0	25.6
55	4.90	6.91	9.09	11.3	13.6	15.7	17.5	19.1	17.6	15.8	13.8	11.7	9.54	7.46	5.54	3.89	2.60	4.45	6.65
60	1.69	1.97	2.29	2.63	2.98	3.32	3.63	3.89	3.67	3.40	3.11	2.79	2.48	2.19	1.92	1.70	1.54	1.93	2.36
65	0.90	0.88	0.88	0.88	0.88	0.90	0.92	0.94	0.97	1.00	1.03	1.06	1.09	1.11	1.14	1.16	1.18	1.16	1.14
70	0.66	0.65	0.65	0.66	0.68	0.69	0.71	0.74	0.76	0.78	0.80	0.83	0.85	0.87	0.89	0.90	0.91	0.91	0.90
75	0.48	0.48	0.48	0.49	0.50	0.52	0.54	0.56	0.58	0.59	0.61	0.62	0.64	0.65	0.67	0.68	0.69	0.69	0.68
80	0.36	0.36	0.37	0.38	0.39	0.41	0.43	0.45	0.45	0.46	0.47	0.47	0.47	0.48	0.48	0.49	0.49	0.49	0.50
85	0.26	0.27	0.29	0.31	0.33	0.35	0.37	0.39	0.39	0.39	0.39	0.39	0.39	0.38	0.38	0.37	0.37	0.36	0.37
90	1.33	1.64	1.95	2.24	2.52	2.77	2.98	3.13	2.89	2.60	2.28	1.92	1.56	1.19	0.84	0.52	0.23	0.27	0.36
95	10.7	11.6	12.5	13.3	14.0	14.6	15.0	15.2	13.8	12.2	10.4	8.61	6.80	5.05	3.44	2.01	0.84	1.55	2.52
100	26.5	26.9	27.2	27.4	27.5	27.3	27.0	26.4	23.9	21.3	18.6	15.8	13.1	10.6	8.28	6.33	4.80	6.00	7.62
105	41.4	40.9	40.2	39.3	38.2	36.8	35.3	33.6	30.5	27.4	24.2	21.1	18.1	15.4	13.0	10.9	9.41	10.6	12.4
110	49.6	49.1	48.3	47.4	46.2	44.8	43.1	41.2	37.9	34.4	30.8	27.4	24.1	21.0	18.3	16.1	14.4	15.8	17.8
115	57.5	57.0	56.2	55.2	53.9	52.4	50.7	48.6	45.0	41.1	37.3	33.5	29.9	26.5	23.6	21.2	19.3	20.9	23.2
120	65.6	64.9	63.9	62.7	61.2	59.4	57.4	55.1	51.2	47.1	43.0	39.0	35.2	31.7	28.6	26.1	24.2	25.9	28.3
125	72.8	71.9	70.7	69.2	67.4	65.4	63.1	60.5	56.5	52.3	48.1	44.0	40.2	36.7	33.6	31.1	29.2	31.0	33.5
130	78.9	77.7	76.1	74.3	72.1	69.7	67.1	64.3	60.2	56.2	52.1	48.2	44.5	41.2	38.3	36.0	34.3	36.0	38.4
135	83.3	81.8	79.8	77.6	75.1	72.4	69.5	66.4	62.6	58.8	55.1	51.5	48.2	45.2	42.6	40.6	39.1	40.7	43.0
140	85.3	83.5	81.4	79.0	76.3	73.5	70.5	67.4	64.0	60.6	57.3	54.2	51.4	48.9	46.7	45.0	43.9	45.3	47.2
145	84.4	82.7	80.7	78.3	75.8	73.2	70.4	67.6	64.7	61.9	59.2	56.7	54.4	52.4	50.7	49.4	48.6	49.7	51.3
150	81.4	79.9	78.2	76.2	74.1	71.9	69.6	67.3	65.0	62.8	60.8	58.8	57.1	55.6	54.3	53.4	52.8	53.7	55.0
155	77.4	76.3	74.9	73.5	71.9	70.2	68.5	66.7	65.1	63.6	62.1	60.7	59.5	58.4	57.6	56.9	56.6	57.3	58.2
160	73.4	72.6	71.7	70.7	69.6	68.5	67.4	66.2	65.2	64.2	63.2	62.3	61.6	60.9	60.4	60.0	59.8	60.3	61.0
165	70.0	69.5	69.0	68.4	67.8	67.1	66.5	65.8	65.3	64.7	64.2	63.7	63.3	63.0	62.7	62.6	62.5	62.8	63.2
170	67.5	67.3	67.1	66.8	66.5	66.2	66.0	65.7	65.4	65.2	65.0	64.9	64.7	64.6	64.5	64.5	64.5	64.6	64.8
175	66.2	66.1	66.1	66.0	66.0	65.9	65.8	65.8	65.7	65.7	65.7	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7
180	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3

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:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1080.42x1 lm																	
NAME: 1FT									TYPE:3500K 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	589	589	589	589	588	588	588	589	589	590	590	591	591	592	593				
5	586	586	586	586	586	586	586	587	587	588	589	590	591	592	593				
10	579	579	578	578	578	578	579	579	580	581	582	583	585	586	588				
15	567	566	566	566	566	566	566	566	567	569	570	571	573	575	577				
20	548	548	547	547	546	546	546	547	548	549	550	552	553	555	558				
25	518	517	517	516	515	515	515	516	516	518	519	521	523	525	527				
30	468	468	468	469	469	469	470	471	472	473	475	476	478	480	482				
35	370	376	381	387	393	399	404	407	409	411	412	413	413	413	412				
40	224	240	256	272	287	301	314	316	316	313	308	301	291	279	265				
45	106	120	134	149	162	175	186	188	189	187	183	178	170	160	148				
50	31.9	38.6	45.7	52.7	59.5	65.8	71.3	72.5	72.7	71.9	70.0	67.2	63.4	58.6	52.8				
55	9.11	11.7	14.4	17.0	19.4	21.6	23.5	23.5	23.0	22.1	20.7	18.8	16.5	13.7	10.5				
60	2.84	3.34	3.83	4.31	4.75	5.13	5.43	5.38	5.23	4.99	4.65	4.22	3.68	3.05	2.33				
65	1.12	1.10	1.07	1.05	1.02	1.00	0.98	0.98	0.99	1.00	1.01	1.03	1.05	1.08	1.11				
70	0.88	0.87	0.85	0.84	0.82	0.81	0.80	0.80	0.80	0.80	0.81	0.82	0.84	0.85	0.87				
75	0.68	0.67	0.67	0.66	0.66	0.65	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.67	0.68				
80	0.50	0.50	0.51	0.51	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.51	0.51				
85	0.38	0.39	0.39	0.40	0.41	0.41	0.42	0.42	0.41	0.41	0.41	0.40	0.39	0.38	0.37				
90	0.49	0.64	0.83	1.03	1.23	1.44	1.65	1.75	1.83	1.91	1.97	2.02	2.05	2.08	2.09				
95	3.70	5.04	6.49	7.98	9.48	10.9	12.2	12.7	13.0	13.1	13.1	12.9	12.5	12.0	11.3				
100	9.60	11.8	14.3	16.8	19.4	22.0	24.4	25.6	26.6	27.3	27.9	28.3	28.5	28.4	28.2				
105	14.5	17.0	19.7	22.7	25.7	28.7	31.7	33.6	35.3	36.8	38.3	39.5	40.7	41.7	42.6				
110	20.2	23.0	26.1	29.4	32.8	36.3	39.6	41.6	43.4	45.1	46.6	48.0	49.2	50.2	51.1				
115	25.9	29.0	32.5	36.1	39.9	43.7	47.4	49.6	51.6	53.4	55.0	56.4	57.6	58.7	59.6				
120	31.3	34.6	38.3	42.3	46.3	50.4	54.4	56.7	58.9	60.9	62.7	64.3	65.6	66.8	67.8				
125	36.5	40.0	43.9	47.9	52.2	56.4	60.5	63.1	65.4	67.5	69.5	71.2	72.8	74.2	75.4				
130	41.4	44.8	48.6	52.6	56.7	60.9	65.1	67.8	70.3	72.6	74.8	76.9	78.7	80.5	82.1				
135	45.7	48.9	52.4	56.1	60.1	64.1	68.1	70.8	73.4	76.0	78.4	80.7	83.0	85.1	87.2				
140	49.6	52.4	55.5	58.9	62.4	66.0	69.7	72.3	75.0	77.5	80.1	82.6	85.1	87.5	89.9				
145	53.3	55.6	58.2	61.0	64.0	67.1	70.2	72.6	75.0	77.4	79.8	82.2	84.5	86.9	89.3				
150	56.6	58.4	60.5	62.7	65.1	67.6	70.1	72.1	74.1	76.0	78.1	80.1	82.1	84.1	86.2				
155	59.4	60.8	62.3	64.0	65.8	67.6	69.5	71.0	72.5	74.0	75.6	77.1	78.7	80.3	81.8				
160	61.8	62.7	63.8	64.9	66.1	67.4	68.7	69.7	70.7	71.8	72.8	73.9	75.0	76.1	77.2				
165	63.7	64.2	64.9	65.5	66.2	67.0	67.7	68.3	69.0	69.6	70.2	70.8	71.5	72.1	72.8				
170	65.0	65.3	65.6	65.9	66.2	66.6	66.9	67.2	67.5	67.8	68.1	68.4	68.7	69.0	69.3				
175	65.8	65.9	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.6	66.7	66.8	66.9	67.0				
180	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3				

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%
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