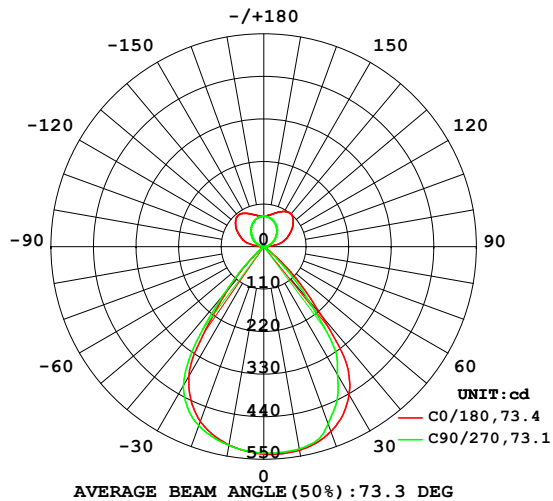


LUMINAIRE PHOTOMETRIC TEST REPORT

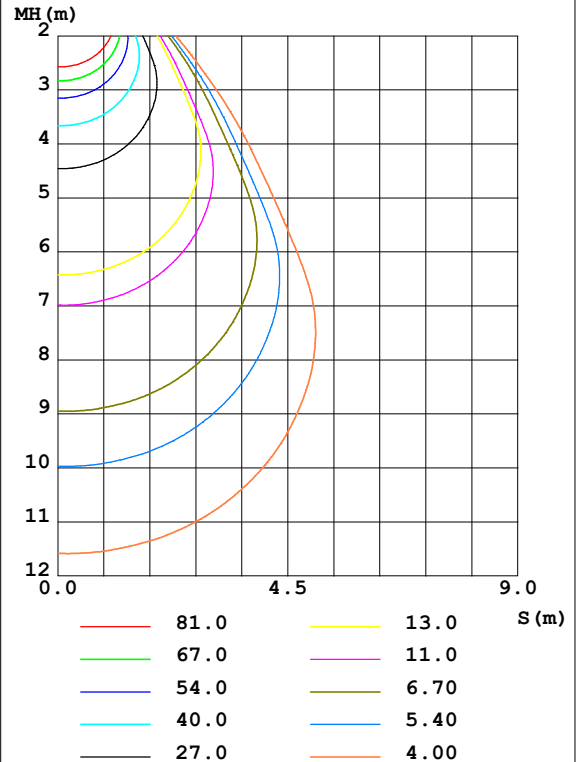
Test:U:119.3V I:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.78 lm/W			
MODEL		I _{max} (cd)	537.6	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)	1062.7	η UP,DN (C0-180)	16.0,34.3
NOMINAL FLUX(lm)	1062.71	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	16.0,33.6
LAMPS INSIDE	1	η up (%)	32.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down (%)	68.0	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:

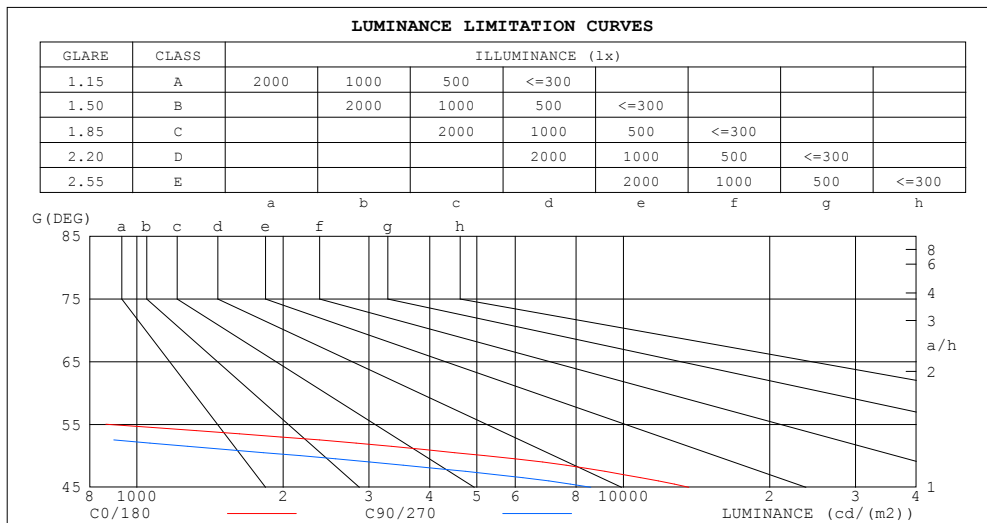
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	534.2	533.6	530.9	524.8	520.6	518.0	521.4	524.2	0- 10	50.60	50.60	4.76,4.76
20	508.4	510.3	487.1	494.4	480.7	480.7	492.2	495.7	10- 20	144.9	195.5	18.4,18.4
30	441.5	421.9	381.7	408.0	387.2	403.7	415.3	428.8	20- 30	210.8	406.3	38.2,38.2
40	229.3	277.1	178.5	256.0	143.9	255.0	163.5	288.1	30- 40	203.8	610.0	57.4,57.4
50	43.30	79.54	18.11	48.22	9.934	53.92	13.14	61.97	40- 50	95.17	705.2	66.4,66.4
60	1.500	8.812	2.498	4.895	1.159	3.182	1.426	4.498	50- 60	14.27	719.5	67.7,67.7
70	0.9085	1.341	1.563	1.353	0.6195	0.7050	0.8398	0.7898	60- 70	1.596	721.1	67.9,67.9
80	0.5403	0.8327	0.8822	0.7697	0.3073	0.4216	0.4404	0.5040	70- 80	0.8318	721.9	67.9,67.9
90	2.487	0.5824	0.0252	1.623	0.8733	3.638	0.1605	1.934	80- 90	0.5666	722.5	68,68
100	33.34	28.09	5.946	29.77	30.43	31.19	5.630	28.83	90-100	12.66	735.1	69.2,69.2
110	62.11	47.02	17.43	47.52	59.70	48.94	16.93	46.99	100-110	36.18	771.3	72.6,72.6
120	82.34	65.58	29.45	64.53	79.18	65.70	28.56	64.67	110-120	51.20	822.5	77.4,77.4
130	100.2	79.69	41.54	76.36	96.10	76.95	40.68	77.53	120-130	60.00	882.5	83,83
140	110.3	86.03	53.07	81.21	104.9	80.91	52.39	83.08	130-140	60.10	942.6	88.7,88.7
150	105.3	86.56	63.41	81.64	100.0	80.73	63.16	83.66	140-150	51.66	994.3	93.6,93.6
160	93.41	84.22	71.73	80.41	89.37	79.48	71.68	81.94	150-160	38.02	1032	97.1,97.1
170	83.19	81.29	77.27	79.34	81.37	78.78	77.25	80.02	160-170	22.84	1055	99.3,99.3
180	78.28	78.28	78.28	78.28	78.28	78.28	78.28	78.28	170-180	7.586	1063	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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 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	336	537
80	239	391
75	212	354
70	204	352
65	210	358
60	231	384
55	864	471
50	5182	2167
45	13637	8580

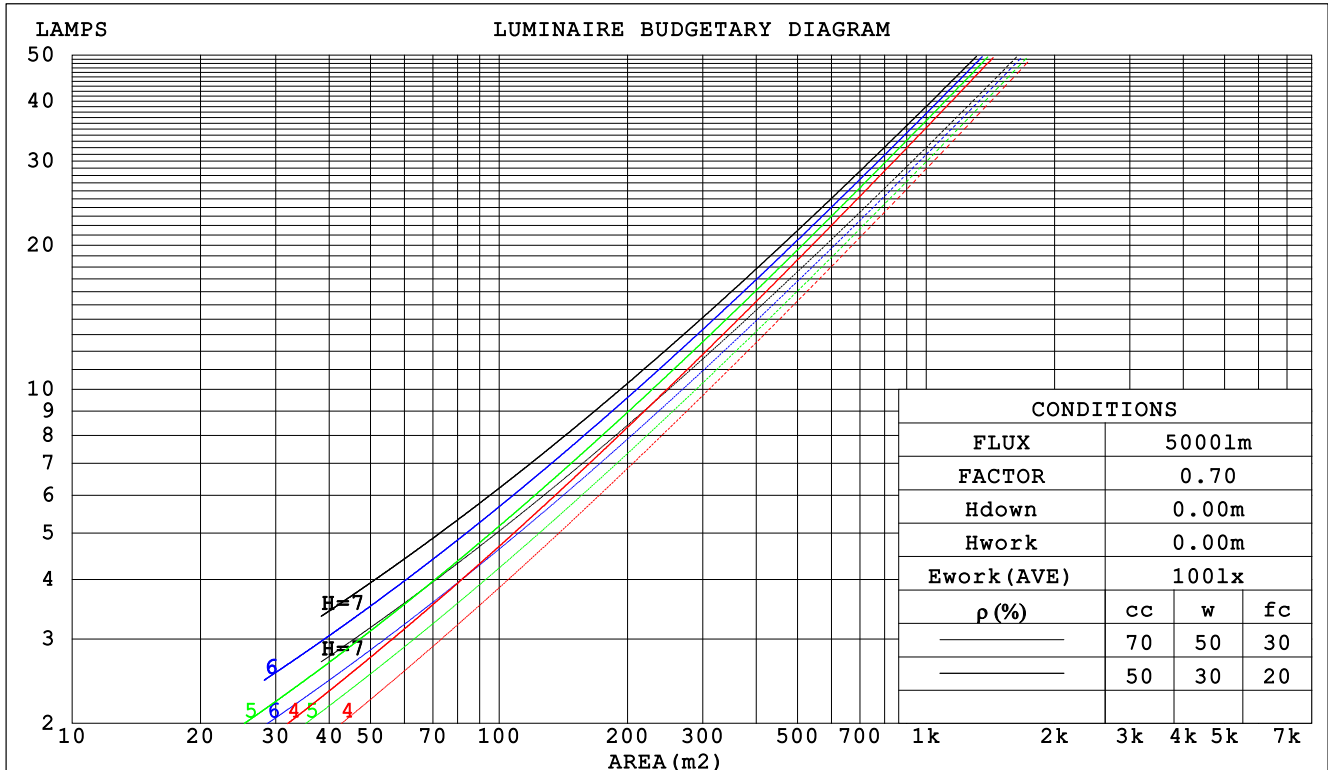
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 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	1.11	1.11	1.11	1.05	1.05	1.05	.93	.93	.93	.83	.83	.83	.73	.73	.73	.68
1.0	1.01	.98	.96	.96	.93	.91	.86	.84	.82	.77	.76	.74	.68	.68	.67	.63
2.0	.92	.87	.83	.87	.83	.80	.79	.76	.73	.71	.69	.67	.64	.62	.61	.57
3.0	.84	.78	.73	.80	.75	.71	.73	.69	.65	.66	.63	.60	.60	.57	.56	.53
4.0	.76	.70	.65	.73	.67	.63	.67	.62	.59	.61	.58	.55	.56	.53	.51	.48
5.0	.70	.63	.58	.67	.61	.57	.62	.57	.53	.57	.53	.50	.52	.49	.47	.44
6.0	.64	.57	.53	.62	.56	.51	.57	.52	.48	.52	.48	.45	.48	.45	.43	.40
7.0	.59	.52	.48	.57	.51	.46	.53	.48	.44	.49	.45	.42	.45	.42	.39	.37
8.0	.55	.48	.43	.53	.47	.42	.49	.44	.40	.45	.41	.38	.42	.39	.36	.34
9.0	.51	.44	.40	.49	.43	.39	.46	.41	.37	.42	.38	.35	.39	.36	.34	.32
10.0	.47	.41	.37	.46	.40	.36	.43	.38	.34	.40	.36	.33	.37	.34	.31	.29



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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm					
NAME: 1FT			TYPE:4000K 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	.214	.122	.039	.198	.113	.036	.167	.096	.031	.138	.080	.026	.112	.065	.021		
2.0	.203	.111	.034	.189	.104	.032	.161	.089	.028	.135	.076	.024	.112	.063	.020		
3.0	.192	.102	.031	.179	.096	.029	.154	.083	.025	.131	.072	.022	.109	.060	.019		
4.0	.182	.095	.028	.170	.089	.026	.147	.078	.023	.126	.068	.020	.106	.058	.018		
5.0	.172	.088	.025	.161	.083	.024	.140	.073	.021	.121	.064	.019	.103	.055	.016		
6.0	.163	.082	.023	.153	.077	.022	.134	.069	.020	.116	.060	.018	.099	.052	.015		
7.0	.155	.076	.022	.145	.072	.021	.128	.064	.019	.111	.057	.017	.095	.050	.015		
8.0	.147	.072	.020	.138	.068	.019	.122	.061	.017	.106	.054	.016	.092	.047	.014		
9.0	.140	.068	.019	.132	.064	.018	.116	.058	.016	.102	.051	.015	.088	.045	.013		
10.0	.133	.064	.018	.126	.061	.017	.111	.055	.015	.098	.049	.014	.085	.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	.434	.434	.434	.371	.371	.371	.253	.253	.253	.146	.146	.146	.047	.047	.047	
1.0	.420	.403	.388	.359	.346	.334	.246	.238	.231	.141	.138	.134	.045	.044	.043	
2.0	.408	.380	.356	.349	.327	.308	.240	.226	.215	.138	.132	.126	.044	.043	.041	
3.0	.398	.363	.334	.342	.313	.290	.235	.217	.203	.135	.127	.120	.044	.041	.039	
4.0	.390	.350	.318	.335	.302	.277	.230	.210	.195	.133	.123	.115	.043	.040	.038	
5.0	.383	.339	.307	.329	.293	.267	.227	.205	.188	.131	.120	.112	.042	.039	.037	
6.0	.377	.331	.298	.324	.287	.260	.223	.201	.184	.130	.118	.109	.042	.039	.036	
7.0	.371	.324	.291	.319	.281	.254	.220	.197	.180	.128	.116	.107	.041	.038	.035	
8.0	.366	.319	.286	.315	.276	.250	.218	.194	.177	.127	.115	.106	.041	.038	.035	
9.0	.361	.314	.282	.311	.273	.246	.215	.192	.175	.125	.113	.104	.041	.037	.035	
10.0	.356	.310	.279	.307	.269	.244	.213	.189	.173	.124	.112	.103	.040	.037	.034	

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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm										
NAME: 1FT					TYPE:4000K 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	17.2	18.0	17.8	18.7	19.4	16.0	16.9	16.7	17.5	18.3
3H	16.9	17.7	17.6	18.3	19.1	15.8	16.5	16.4	17.2	18.0
4H	16.7	17.5	17.4	18.1	18.9	15.6	16.3	16.3	17.0	17.8
6H	16.6	17.3	17.3	18.0	18.8	15.5	16.1	16.2	16.8	17.7
8H	16.5	17.2	17.2	17.9	18.7	15.4	16.0	16.1	16.8	17.6
12H	16.4	17.0	17.2	17.8	18.6	15.3	15.9	16.1	16.7	17.5
4H 2H	16.7	17.5	17.5	18.2	19.0	15.6	16.4	16.3	17.1	17.9
3H	16.4	17.1	17.2	17.8	18.7	15.3	16.0	16.1	16.7	17.6
4H	16.3	16.8	17.1	17.6	18.5	15.2	15.7	16.0	16.5	17.4
6H	16.1	16.6	16.9	17.4	18.3	15.0	15.5	15.8	16.3	17.2
8H	16.1	16.5	16.9	17.3	18.3	15.0	15.4	15.8	16.2	17.2
12H	16.0	16.4	16.8	17.2	18.2	14.9	15.3	15.7	16.1	17.1
8H 4H	16.1	16.5	16.9	17.3	18.3	15.0	15.4	15.8	16.2	17.2
6H	15.9	16.2	16.7	17.1	18.1	14.8	15.2	15.6	16.0	17.0
8H	15.8	16.1	16.7	17.0	18.0	14.7	15.0	15.6	15.9	16.9
12H	15.7	16.0	16.6	16.9	17.9	14.6	14.9	15.5	15.8	16.8
12H 4H	16.0	16.4	16.8	17.2	18.2	14.9	15.3	15.7	16.1	17.1
6H	15.8	16.1	16.7	17.0	18.0	14.7	15.0	15.6	15.9	16.9
8H	15.7	16.0	16.6	16.9	17.9	14.6	14.9	15.5	15.8	16.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -16.1					+ 2.8 / -14.4				
1.5H	+ 3.3 / - 9.0					+ 3.5 / -13.0				
2.0H	+ 6.5 / -15.9					+ 6.0 / -11.5				

CIE Pub.117 Corrected 1063 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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

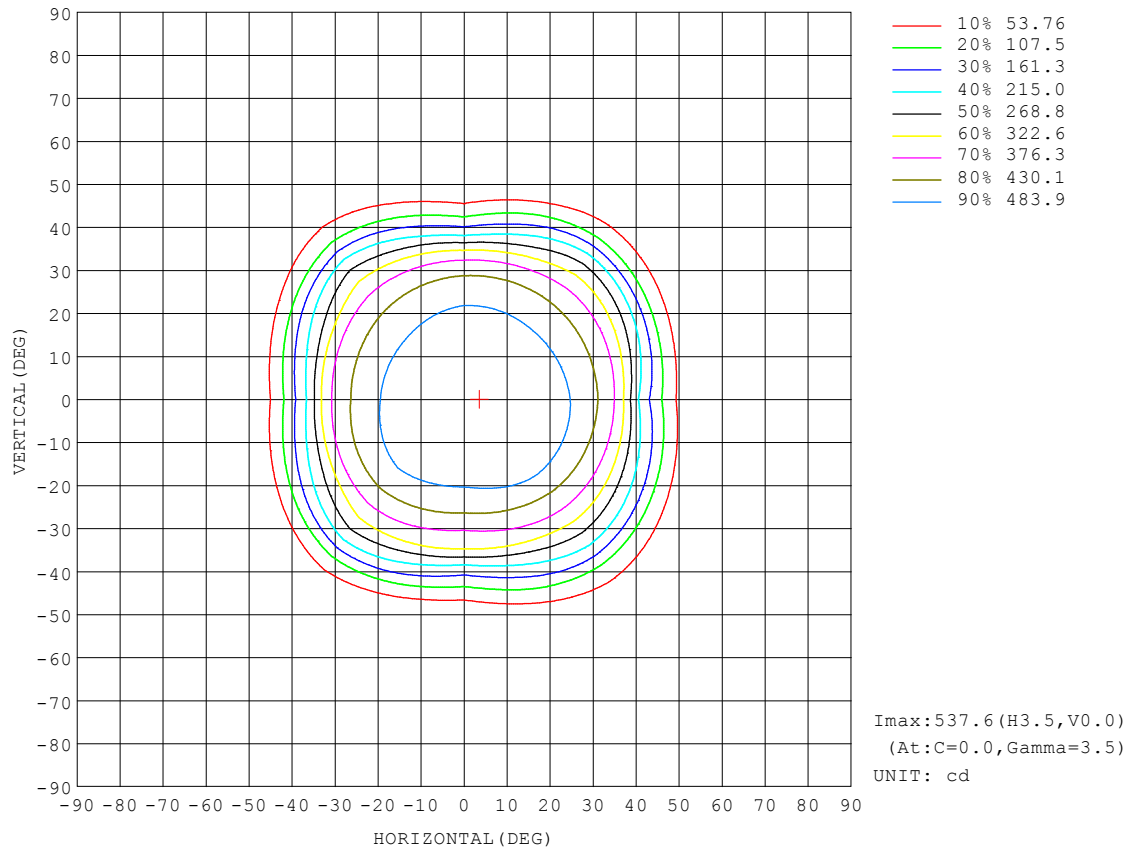
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	57	52	63	56	51	60	54	50	45
0.80	74	65	60	71	64	59	67	61	57	50
1.00	80	72	66	77	70	65	72	67	63	54
1.25	85	77	72	82	75	71	76	71	67	58
1.50	89	82	77	86	79	75	79	74	71	60
2.00	94	87	82	90	84	80	82	78	75	62
2.50	97	91	86	92	87	83	84	80	77	63
3.00	99	94	89	94	90	86	86	82	80	64
4.00	102	97	94	97	93	90	88	85	83	65
5.00	104	100	97	98	95	93	89	87	85	66
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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

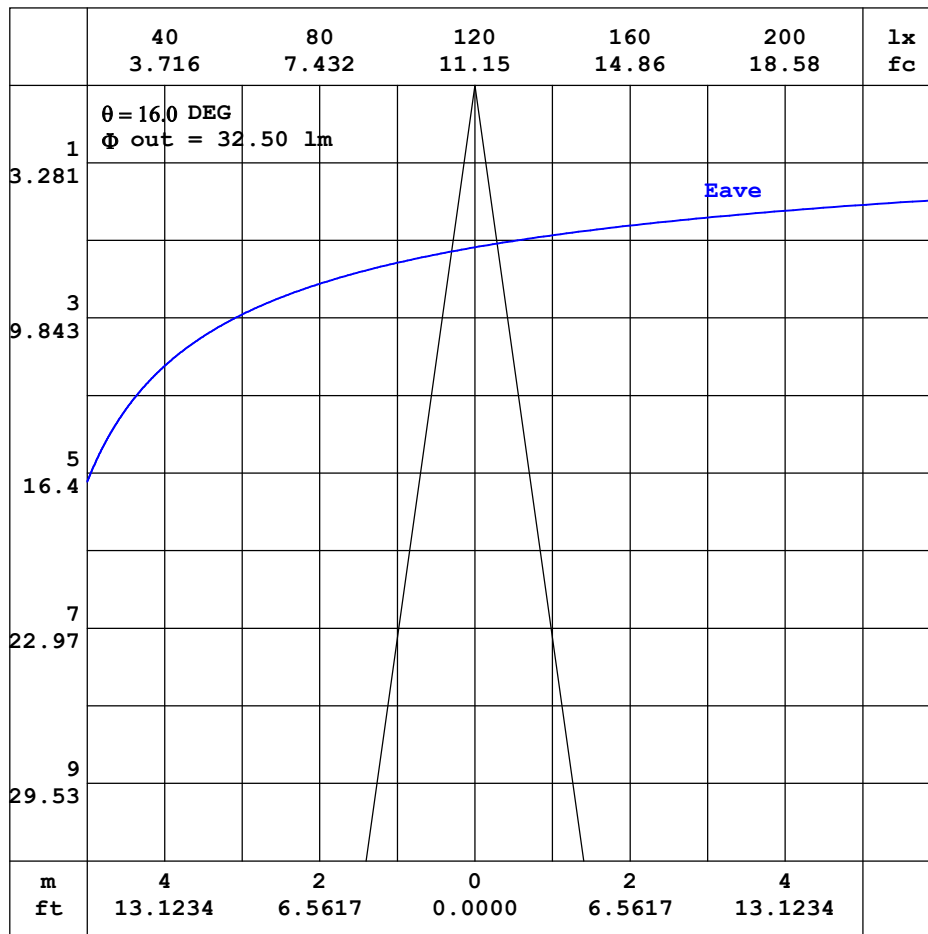


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



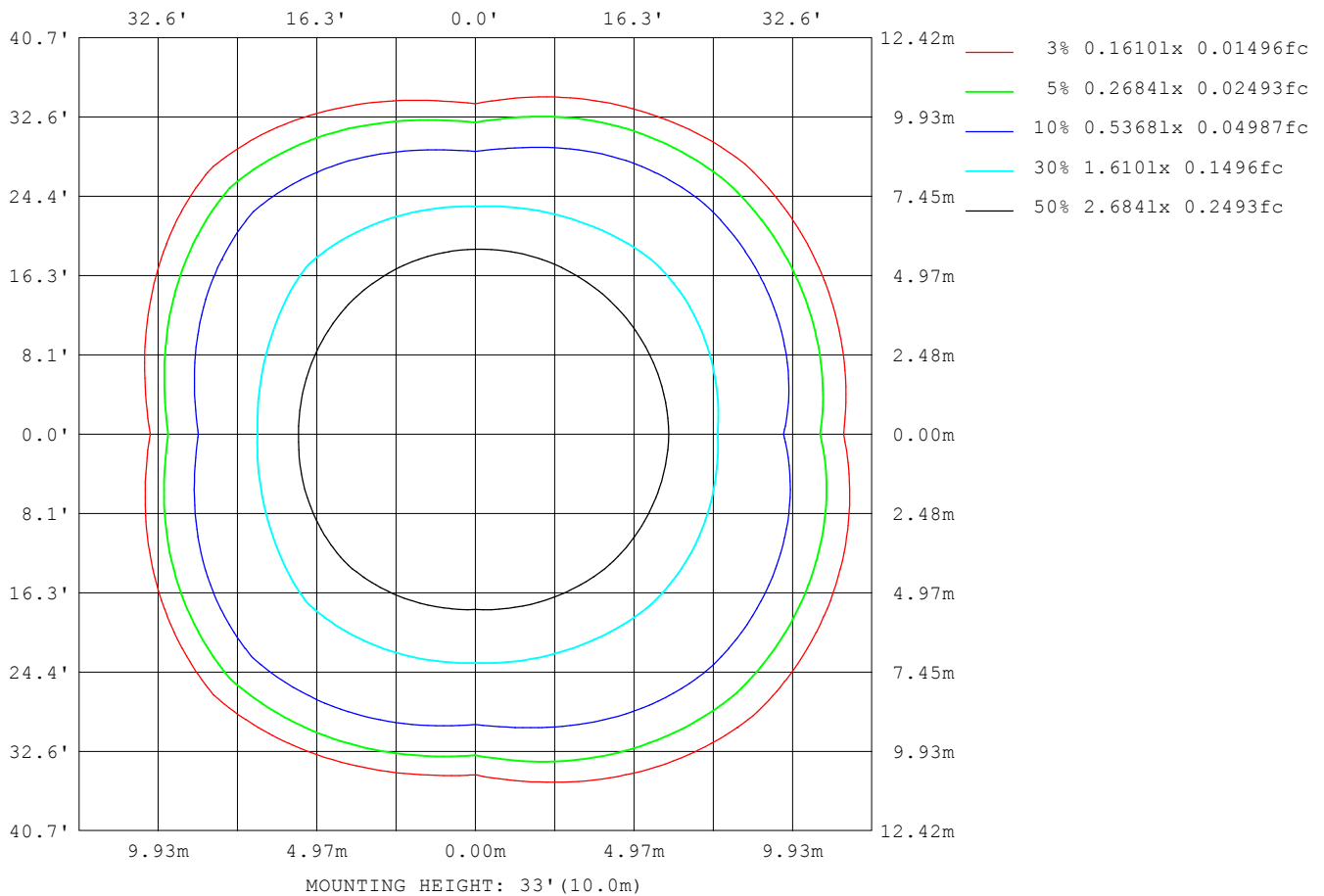
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

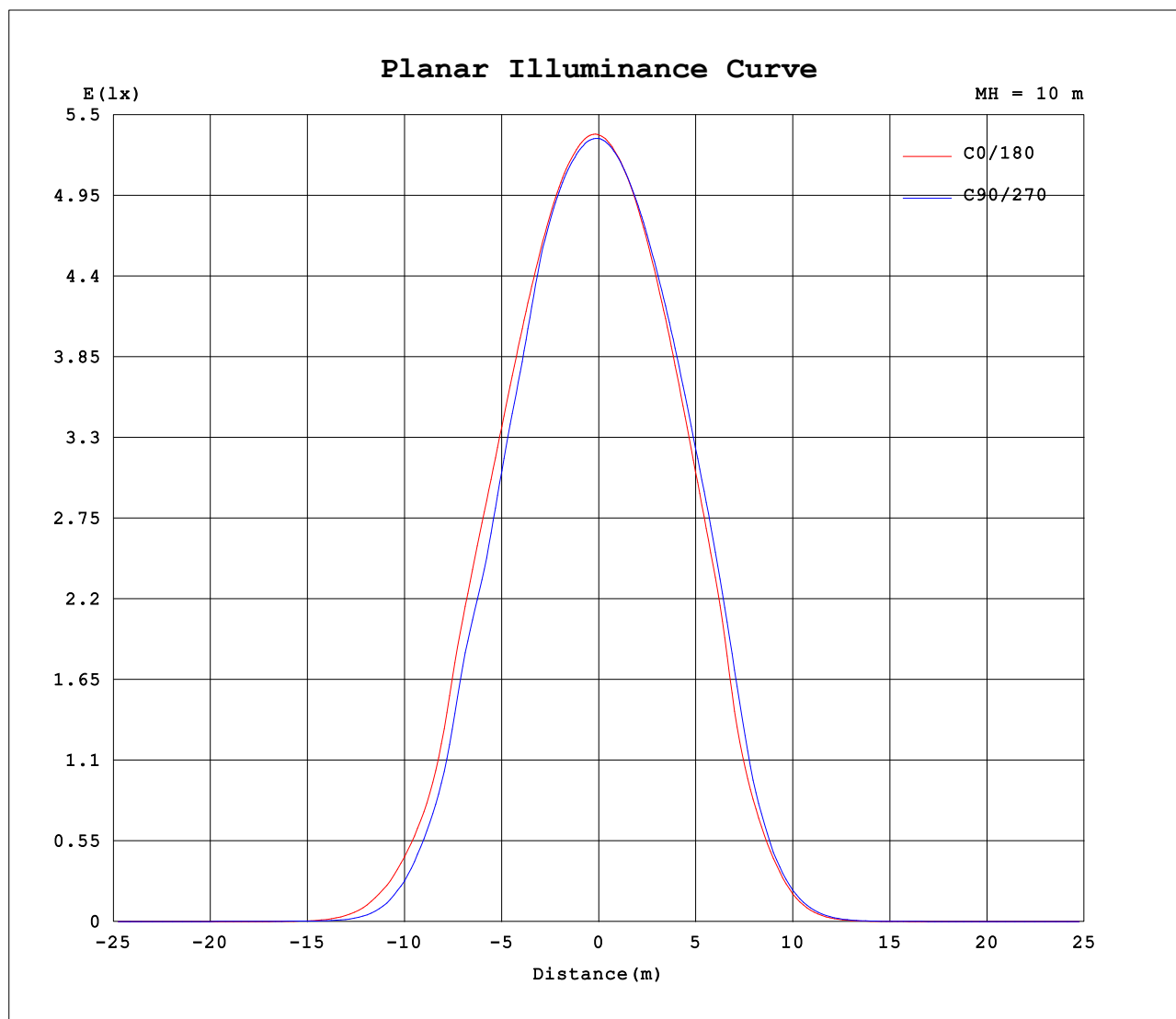
AvgL	cd/m2
L_0~180 (65) av	182
L_0~180 (75) av	170
L_0~180 (85) av	259
L_90~270 (65) av	277
L_90~270 (75) av	267
L_90~270 (85) av	411
L_45 (65) av	242
L_45 (75) av	242
L_45 (85) av	444

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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 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	536	536	536	536	535	535	535	535	535	535	534	534	534	534	534	534	534	534	534
5	537	537	537	537	537	537	537	537	536	536	536	536	535	535	535	535	534	534	534
10	534	534	534	534	534	534	534	534	534	534	533	533	533	533	532	532	532	531	531
15	525	526	526	526	527	527	527	527	527	526	526	526	525	524	524	523	522	522	521
20	508	510	511	512	512	513	512	512	511	510	508	505	503	500	497	494	492	489	487
25	482	482	483	483	482	482	481	479	478	476	473	469	465	461	458	454	451	448	446
30	442	440	439	437	435	433	431	428	425	422	417	412	406	401	397	392	388	384	382
35	375	375	374	373	371	370	368	365	363	360	354	349	344	339	333	329	324	320	317
40	229	242	253	261	269	274	277	279	279	277	267	256	245	232	220	208	197	187	178
45	125	140	153	164	173	179	184	187	187	186	176	165	152	139	125	112	99.9	88.6	78.9
50	43.3	52.2	59.8	66.2	71.5	75.5	78.3	79.9	80.3	79.5	74.1	67.7	60.6	53.1	45.4	37.8	30.5	23.9	18.1
55	6.44	11.7	16.3	20.3	23.6	26.4	28.4	29.9	30.6	30.8	28.6	26.0	22.9	19.6	16.1	12.7	9.33	6.23	3.51
60	1.50	2.99	4.30	5.45	6.43	7.24	7.89	8.36	8.67	8.81	8.37	7.80	7.12	6.36	5.56	4.74	3.93	3.18	2.50
65	1.15	1.22	1.29	1.36	1.42	1.48	1.53	1.59	1.64	1.68	1.73	1.78	1.82	1.85	1.89	1.91	1.94	1.95	1.97
70	0.91	0.97	1.02	1.08	1.13	1.17	1.22	1.26	1.30	1.34	1.38	1.42	1.45	1.48	1.50	1.53	1.54	1.56	1.56
75	0.71	0.76	0.81	0.86	0.90	0.94	0.98	1.01	1.04	1.07	1.10	1.12	1.14	1.16	1.17	1.18	1.19	1.19	1.19
80	0.54	0.58	0.63	0.66	0.70	0.73	0.76	0.79	0.81	0.83	0.85	0.86	0.87	0.88	0.89	0.89	0.89	0.89	0.88
85	0.38	0.42	0.46	0.50	0.53	0.56	0.59	0.61	0.63	0.64	0.65	0.65	0.65	0.65	0.64	0.64	0.63	0.62	0.61
90	2.49	2.21	1.95	1.70	1.47	1.26	1.07	0.89	0.73	0.58	0.45	0.40	0.34	0.28	0.22	0.16	0.11	0.06	0.03
95	12.7	13.1	13.4	13.5	13.5	13.4	13.2	12.9	12.4	11.9	10.6	9.22	7.83	6.47	5.17	3.98	2.95	2.13	1.56
100	33.3	33.6	33.6	33.5	33.1	32.5	31.7	30.7	29.5	28.1	25.3	22.4	19.5	16.6	13.9	11.3	9.11	7.29	5.95
105	52.1	51.1	49.9	48.6	47.1	45.5	43.7	41.8	39.8	37.6	34.1	30.5	27.0	23.6	20.4	17.5	15.0	13.0	11.5
110	62.1	61.1	60.0	58.7	57.2	55.5	53.7	51.6	49.4	47.0	43.1	39.1	35.1	31.3	27.6	24.3	21.5	19.1	17.4
115	72.3	71.5	70.4	69.2	67.7	66.0	64.1	61.9	59.5	56.9	52.6	48.1	43.6	39.2	35.1	31.4	28.1	25.4	23.4
120	82.3	81.4	80.3	78.9	77.3	75.4	73.3	71.0	68.4	65.6	60.9	56.0	51.2	46.5	42.1	38.1	34.5	31.6	29.5
125	91.7	90.6	89.3	87.8	86.0	84.0	81.8	79.3	76.5	73.5	68.6	63.5	58.4	53.5	48.9	44.6	40.9	37.8	35.5
130	100	98.8	97.2	95.3	93.3	91.0	88.5	85.8	82.8	79.7	74.7	69.5	64.5	59.5	54.9	50.6	46.9	43.8	41.5
135	107	105	103	101	98.2	95.7	92.9	90.0	87.0	83.8	78.9	74.0	69.1	64.4	60.0	56.0	52.5	49.6	47.4
140	110	108	106	103	101	97.9	95.1	92.2	89.2	86.0	81.5	77.0	72.6	68.3	64.3	60.7	57.6	55.0	53.1
145	109	107	105	103	100	97.6	95.0	92.4	89.6	86.8	82.9	79.0	75.2	71.5	68.1	65.0	62.3	60.1	58.4
150	105	103	102	99.6	97.5	95.4	93.3	91.1	88.9	86.6	83.4	80.2	77.1	74.1	71.3	68.8	66.6	64.8	63.4
155	99.6	98.2	96.8	95.3	93.8	92.3	90.7	89.0	87.3	85.6	83.2	80.8	78.4	76.1	74.0	72.0	70.3	68.9	67.9
160	93.4	92.6	91.7	90.7	89.7	88.7	87.7	86.5	85.4	84.2	82.5	80.9	79.2	77.6	76.1	74.7	73.5	72.5	71.7
165	87.7	87.3	86.8	86.3	85.8	85.3	84.7	84.1	83.4	82.7	81.7	80.7	79.7	78.7	77.7	76.9	76.1	75.4	74.9
170	83.2	83.1	83.0	82.8	82.6	82.4	82.2	81.9	81.6	81.3	80.8	80.3	79.8	79.3	78.8	78.3	77.9	77.6	77.3
175	80.3	80.4	80.4	80.4	80.4	80.4	80.3	80.3	80.2	80.1	80.0	79.8	79.6	79.5	79.3	79.1	79.0	78.8	78.7
180	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3

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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 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	534	534	533	533	533	533	533	533	533	534	534	534	535	535	535	536	536	536	536
5	533	533	533	532	532	532	532	531	531	531	531	531	531	531	530	530	530	530	530
10	530	530	529	528	528	527	526	525	525	524	524	523	523	522	522	521	521	521	520
15	520	519	518	518	517	516	515	514	513	512	511	510	509	508	507	506	505	505	504
20	487	488	489	490	491	492	493	494	494	493	492	490	489	487	485	484	482	481	480
25	447	448	450	452	455	457	459	461	463	461	459	457	455	452	450	447	445	443	443
30	383	386	389	392	395	399	402	405	408	406	404	402	400	397	394	392	389	387	388
35	320	322	326	329	332	335	338	339	340	331	322	312	302	292	283	274	267	261	267
40	185	193	203	213	223	233	242	250	256	245	233	219	205	191	177	164	153	144	153
45	83.2	89.2	96.4	104	113	121	129	135	141	133	123	113	102	90.5	79.7	69.7	61.0	53.9	60.7
50	19.9	22.5	25.9	29.7	33.8	37.9	41.8	45.3	48.2	44.6	40.3	35.6	30.7	25.7	21.0	16.6	12.9	9.93	13.8
55	4.22	5.33	6.76	8.40	10.2	12.0	13.7	15.3	16.6	15.2	13.6	11.8	9.90	7.97	6.09	4.35	2.82	1.58	2.90
60	2.61	2.80	3.06	3.37	3.70	4.04	4.37	4.66	4.90	4.57	4.18	3.74	3.29	2.82	2.35	1.91	1.51	1.16	1.27
65	1.97	1.97	1.96	1.95	1.92	1.89	1.86	1.81	1.76	1.66	1.56	1.45	1.34	1.23	1.12	1.02	0.93	0.84	0.82
70	1.56	1.56	1.55	1.53	1.51	1.48	1.44	1.40	1.35	1.27	1.19	1.10	1.01	0.92	0.84	0.76	0.69	0.62	0.60
75	1.19	1.18	1.17	1.16	1.14	1.12	1.09	1.06	1.02	0.96	0.89	0.82	0.75	0.68	0.61	0.54	0.48	0.43	0.42
80	0.88	0.88	0.87	0.86	0.85	0.84	0.82	0.80	0.77	0.72	0.67	0.61	0.55	0.50	0.44	0.39	0.35	0.31	0.30
85	0.61	0.62	0.62	0.62	0.62	0.62	0.61	0.60	0.59	0.55	0.51	0.46	0.41	0.36	0.32	0.28	0.24	0.21	0.21
90	0.18	0.35	0.54	0.74	0.93	1.13	1.31	1.48	1.62	1.55	1.45	1.34	1.23	1.12	1.02	0.94	0.89	0.87	1.19
95	2.67	4.01	5.54	7.19	8.91	10.6	12.3	13.9	15.3	15.1	14.8	14.4	13.8	13.2	12.5	11.9	11.3	10.9	11.7
100	7.59	9.70	12.2	15.0	17.9	21.0	24.0	27.0	29.8	30.6	31.1	31.4	31.5	31.5	31.3	31.1	30.8	30.4	31.0
105	13.1	15.3	18.0	21.0	24.3	27.8	31.4	35.0	38.5	40.6	42.6	44.3	45.9	47.2	48.2	49.1	49.6	49.9	49.8
110	19.2	21.7	24.7	28.0	31.7	35.6	39.6	43.6	47.5	49.8	52.0	53.8	55.4	56.8	57.9	58.8	59.4	59.7	59.6
115	25.4	28.1	31.4	35.1	39.2	43.5	48.0	52.4	56.6	59.1	61.4	63.3	65.0	66.4	67.6	68.4	69.0	69.3	69.2
120	31.5	34.3	37.8	41.7	46.0	50.6	55.3	60.0	64.5	67.3	69.8	72.1	74.0	75.7	77.0	78.1	78.8	79.2	79.0
125	37.6	40.4	43.8	47.8	52.2	56.9	61.7	66.6	71.3	74.4	77.2	79.8	82.0	83.9	85.6	86.8	87.7	88.2	87.9
130	43.4	46.1	49.4	53.2	57.5	62.1	66.8	71.6	76.4	79.7	82.9	85.8	88.4	90.7	92.7	94.2	95.4	96.1	95.5
135	49.0	51.4	54.4	57.9	61.8	66.0	70.5	75.0	79.5	83.1	86.6	89.8	92.8	95.4	97.7	99.6	101	102	101
140	54.4	56.4	58.9	61.9	65.4	69.1	73.0	77.1	81.2	84.9	88.4	91.7	94.9	97.7	100	102	104	105	104
145	59.4	61.0	63.1	65.6	68.4	71.5	74.8	78.3	81.8	85.1	88.4	91.5	94.4	97.1	99.4	101	103	104	103
150	64.1	65.3	66.9	68.9	71.1	73.5	76.1	78.9	81.6	84.4	87.0	89.6	92.0	94.2	96.2	97.9	99.1	100	99.0
155	68.4	69.2	70.3	71.7	73.4	75.1	77.1	79.1	81.1	83.1	85.1	87.0	88.8	90.5	91.9	93.1	94.1	94.7	93.9
160	72.0	72.6	73.3	74.2	75.3	76.5	77.7	79.1	80.4	81.7	83.1	84.3	85.5	86.6	87.5	88.3	89.0	89.4	88.8
165	75.1	75.3	75.7	76.3	76.9	77.5	78.3	79.0	79.8	80.5	81.3	82.0	82.6	83.2	83.8	84.2	84.6	84.8	84.4
170	77.3	77.4	77.6	77.8	78.1	78.4	78.7	79.0	79.3	79.7	80.0	80.3	80.5	80.8	81.0	81.2	81.3	81.4	81.2
175	78.7	78.7	78.7	78.8	78.8	78.9	78.9	79.0	79.1	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.4
180	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3

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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm		
NAME: 1FT	TYPE:4000K 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	536	536	536	536	535	535	535	535	534	534	534	534	534	534	534	534	534	534	534
5	530	530	529	529	529	529	529	529	529	529	529	529	529	529	529	529	530	530	530
10	520	519	519	519	518	518	518	518	518	518	519	519	520	520	520	521	521	522	522
15	503	503	503	502	502	502	502	503	503	504	505	505	506	507	508	509	510	510	510
20	480	479	479	479	479	480	480	481	482	483	484	486	487	488	490	491	492	493	493
25	443	443	444	444	445	447	448	449	451	452	454	456	457	459	460	462	463	464	465
30	389	391	392	394	397	399	401	404	405	406	408	409	410	412	413	414	415	417	418
35	274	283	292	302	312	322	331	339	338	336	333	329	325	321	317	314	312	317	322
40	164	177	191	205	219	233	245	255	247	237	226	214	202	191	180	171	163	174	187
45	69.2	78.9	89.4	100	111	121	130	137	130	122	112	102	92.4	82.8	74.0	66.6	61.0	70.2	81.2
50	18.5	23.7	29.3	34.9	40.4	45.6	50.2	53.9	50.4	46.0	41.1	35.9	30.6	25.4	20.6	16.4	13.1	17.0	21.8
55	4.51	6.34	8.28	10.3	12.2	14.1	15.7	17.0	15.7	14.1	12.4	10.5	8.54	6.67	4.93	3.43	2.23	3.70	5.47
60	1.45	1.66	1.91	2.18	2.46	2.72	2.97	3.18	3.02	2.82	2.59	2.36	2.12	1.90	1.70	1.54	1.43	1.73	2.07
65	0.80	0.80	0.80	0.81	0.83	0.85	0.88	0.91	0.93	0.95	0.97	0.99	1.01	1.03	1.05	1.07	1.08	1.07	1.06
70	0.59	0.60	0.60	0.62	0.63	0.65	0.68	0.71	0.72	0.74	0.76	0.77	0.79	0.80	0.82	0.83	0.84	0.84	0.83
75	0.42	0.42	0.43	0.45	0.47	0.49	0.51	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.59	0.60	0.61	0.61	0.61
80	0.31	0.31	0.33	0.34	0.36	0.38	0.40	0.42	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.45	0.45
85	0.22	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.37	0.37	0.36	0.36	0.35	0.34	0.33	0.33	0.32	0.33	0.34
90	1.53	1.89	2.25	2.60	2.93	3.22	3.46	3.64	3.35	3.00	2.60	2.18	1.74	1.30	0.88	0.50	0.16	0.22	0.33
95	12.7	13.7	14.7	15.6	16.4	17.1	17.6	17.9	16.2	14.3	12.2	10.1	7.96	5.91	4.01	2.34	0.97	1.80	2.94
100	31.5	32.0	32.3	32.5	32.6	32.4	31.9	31.2	28.3	25.1	21.9	18.6	15.4	12.4	9.74	7.43	5.63	7.03	8.95
105	49.4	48.8	47.9	46.8	45.4	43.7	41.8	39.7	36.1	32.4	28.6	24.9	21.4	18.1	15.3	12.9	11.1	12.5	14.6
110	59.2	58.6	57.6	56.4	55.0	53.2	51.2	48.9	44.9	40.7	36.5	32.4	28.4	24.8	21.6	18.9	16.9	18.6	21.0
115	68.8	68.1	67.1	65.9	64.3	62.4	60.3	57.9	53.4	48.9	44.2	39.7	35.4	31.4	27.9	25.0	22.8	24.7	27.3
120	78.5	77.6	76.4	74.9	73.0	70.9	68.4	65.7	61.0	56.1	51.2	46.4	41.8	37.6	33.9	30.8	28.6	30.6	33.5
125	87.1	86.0	84.6	82.7	80.6	78.1	75.4	72.3	67.4	62.4	57.4	52.5	47.9	43.6	39.9	36.9	34.6	36.8	39.7
130	94.4	93.0	91.1	88.9	86.3	83.5	80.3	77.0	72.1	67.2	62.3	57.6	53.1	49.1	45.6	42.7	40.7	42.8	45.6
135	99.7	97.8	95.6	92.9	90.0	86.8	83.3	79.7	75.1	70.5	66.0	61.6	57.6	53.9	50.8	48.3	46.5	48.4	51.1
140	102	100	97.6	94.7	91.5	88.1	84.6	80.9	76.8	72.7	68.8	65.0	61.5	58.5	55.9	53.8	52.4	54.0	56.3
145	101	99.2	96.7	94.0	91.0	87.8	84.5	81.1	77.7	74.3	71.0	68.0	65.2	62.7	60.7	59.1	58.0	59.4	61.3
150	97.6	95.8	93.8	91.4	88.9	86.3	83.5	80.7	78.0	75.4	72.9	70.6	68.4	66.6	65.1	63.9	63.2	64.2	65.7
155	92.9	91.5	89.9	88.2	86.3	84.3	82.2	80.1	78.2	76.3	74.5	72.8	71.3	70.0	69.0	68.2	67.7	68.5	69.6
160	88.1	87.1	86.1	84.9	83.6	82.2	80.9	79.5	78.2	77.0	75.9	74.8	73.9	73.1	72.4	71.9	71.7	72.2	73.0
165	84.0	83.4	82.8	82.1	81.4	80.6	79.8	79.0	78.3	77.7	77.0	76.5	76.0	75.6	75.2	75.0	74.9	75.2	75.7
170	81.0	80.7	80.5	80.1	79.8	79.5	79.1	78.8	78.5	78.2	78.0	77.8	77.6	77.4	77.3	77.3	77.2	77.4	77.6
175	79.4	79.3	79.3	79.2	79.1	79.0	79.0	78.9	78.9	78.8	78.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
180	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3

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:0.0760A P:9.100W PF:0.9900 Freq:60.00Hz Lamp Flux:1062.71x1 lm																	
NAME: 1FT									TYPE:4000K 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	533	533	533	533	533	533	533	533	534	534	534	535	535	535	536				
5	530	530	530	530	530	531	531	532	532	533	533	534	535	536	536				
10	522	522	523	523	523	524	524	525	526	527	528	529	530	531	533				
15	511	511	511	512	512	513	513	514	515	516	517	519	520	522	523				
20	493	494	494	494	495	495	496	497	498	499	500	502	503	505	507				
25	465	466	466	467	467	468	469	470	471	472	473	475	477	478	480				
30	420	421	423	424	426	427	429	430	432	433	435	436	437	439	440				
35	328	335	342	350	357	363	370	373	376	377	379	379	379	378	377				
40	201	216	232	247	262	276	288	291	291	289	285	278	269	258	245				
45	93.5	107	120	134	147	159	170	173	173	172	169	164	157	149	138				
50	27.2	33.1	39.3	45.4	51.4	57.0	62.0	63.2	63.7	63.2	62.0	59.9	57.0	53.3	48.7				
55	7.48	9.62	11.8	14.0	16.0	17.9	19.4	19.5	19.2	18.5	17.4	15.9	14.1	11.9	9.38				
60	2.45	2.84	3.23	3.61	3.96	4.26	4.50	4.47	4.36	4.17	3.92	3.58	3.17	2.69	2.13				
65	1.05	1.03	1.02	1.00	0.99	0.98	0.97	0.98	0.99	1.00	1.02	1.04	1.06	1.09	1.12				
70	0.83	0.82	0.81	0.81	0.80	0.79	0.79	0.79	0.80	0.81	0.82	0.83	0.85	0.87	0.89				
75	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.64	0.64	0.65	0.66	0.67	0.68	0.69	0.70				
80	0.46	0.47	0.47	0.48	0.49	0.50	0.50	0.51	0.51	0.52	0.52	0.53	0.53	0.53	0.54				
85	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.40	0.40	0.39				
90	0.49	0.69	0.91	1.16	1.42	1.68	1.93	2.06	2.16	2.25	2.33	2.39	2.44	2.47	2.49				
95	4.33	5.91	7.61	9.38	11.1	12.9	14.4	15.0	15.4	15.6	15.6	15.4	15.0	14.4	13.7				
100	11.3	13.9	16.8	19.8	22.9	25.9	28.8	30.3	31.4	32.4	33.1	33.6	33.9	34.0	33.8				
105	17.1	20.0	23.3	26.8	30.3	34.0	37.6	39.8	41.8	43.7	45.5	47.1	48.6	49.9	51.1				
110	23.9	27.2	30.9	34.8	38.9	43.0	47.0	49.4	51.6	53.7	55.6	57.2	58.7	60.0	61.2				
115	30.6	34.3	38.4	42.8	47.3	51.9	56.3	58.9	61.4	63.6	65.6	67.3	68.9	70.2	71.4				
120	37.0	41.0	45.5	50.2	55.0	59.9	64.7	67.5	70.2	72.6	74.8	76.8	78.5	80.0	81.3				
125	43.3	47.5	52.1	57.0	62.0	67.1	72.0	75.1	77.9	80.6	83.0	85.1	87.1	88.8	90.4				
130	49.2	53.2	57.7	62.5	67.5	72.5	77.5	80.8	83.8	86.7	89.4	91.9	94.2	96.4	98.4				
135	54.3	58.1	62.3	66.8	71.5	76.3	81.1	84.4	87.6	90.7	93.6	96.5	99.2	102	104				
140	59.1	62.4	66.1	70.1	74.4	78.7	83.1	86.3	89.4	92.5	95.6	98.6	102	105	107				
145	63.6	66.4	69.5	72.8	76.4	80.1	83.8	86.7	89.5	92.4	95.2	98.1	101	104	107				
150	67.6	69.8	72.2	74.9	77.7	80.7	83.7	86.0	88.4	90.8	93.1	95.6	98.0	100	103				
155	71.0	72.6	74.4	76.4	78.5	80.7	82.9	84.7	86.5	88.3	90.2	92.0	93.9	95.8	97.7				
160	73.9	75.0	76.2	77.6	79.0	80.4	81.9	83.2	84.4	85.6	86.9	88.2	89.5	90.8	92.1				
165	76.2	76.9	77.6	78.4	79.2	80.0	80.9	81.6	82.4	83.1	83.8	84.6	85.4	86.1	86.9				
170	77.9	78.2	78.5	78.9	79.2	79.6	80.0	80.3	80.7	81.0	81.4	81.7	82.1	82.5	82.8				
175	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2				
180	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3				

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: