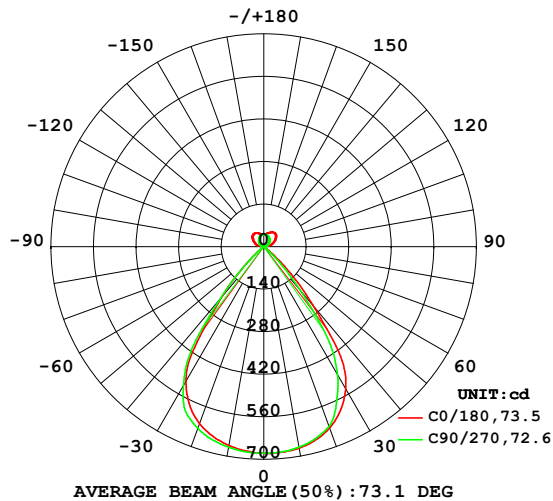


LUMINAIRE PHOTOMETRIC TEST REPORT

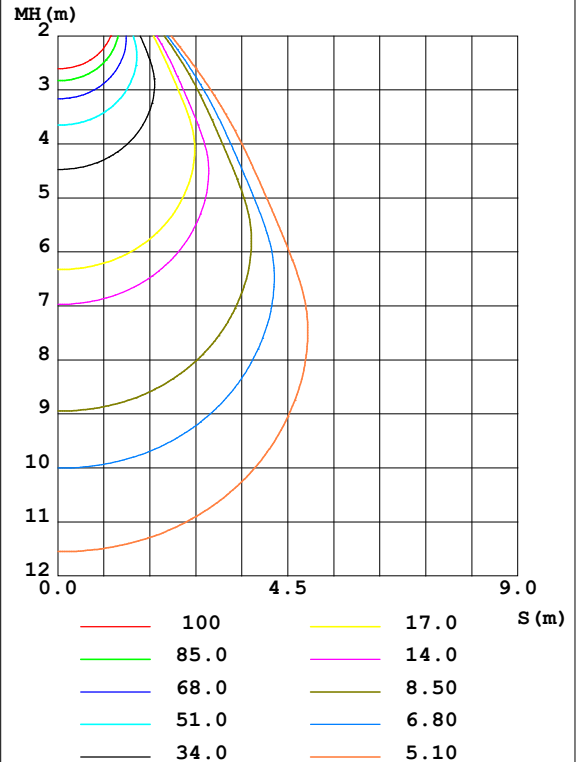
Test:U:119.3V I:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.71 lm/W			
MODEL		I _{max} (cd)	680.8	S/MH (C0/180)	1.09
NOMINAL POWER(W)	9W	LOR(%)	100.0	S/MH (C90/270)	1.07
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1092.1	η UP,DN (C0-180)	8.1,41.6
NOMINAL FLUX(lm)	1092.1	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	7.9,42.4
LAMPS INSIDE	1	η up (%)	16.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down (%)	84.0	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:

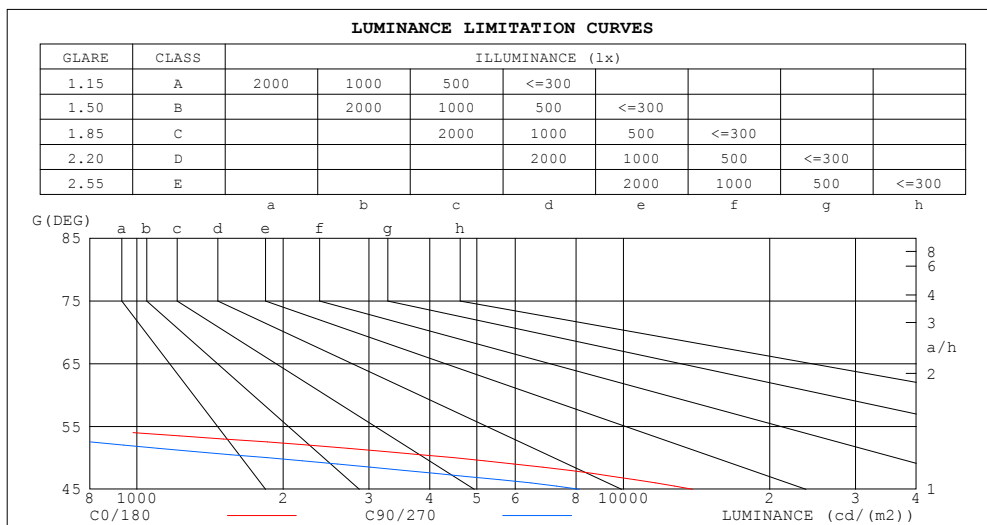
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	673.4	671.8	669.9	667.5	664.1	666.2	670.1	668.8	0- 10	64.38	64.38	5.9,5.9
20	634.5	634.4	629.0	628.3	619.6	625.7	635.8	630.8	10- 20	184.3	248.7	22.8,22.8
30	540.2	540.1	485.4	536.9	512.7	537.0	528.5	539.2	20- 30	269.8	518.5	47.5,47.5
40	251.4	338.1	187.9	338.6	212.5	355.3	219.1	347.9	30- 40	260.4	778.9	71.3,71.3
50	37.41	69.39	15.47	71.73	19.89	78.40	19.70	73.96	40- 50	118.7	897.6	82.2,82.2
60	1.597	4.964	2.520	6.006	1.544	6.824	2.684	5.219	50- 60	16.33	914.0	83.7,83.7
70	0.9352	1.227	1.471	1.455	0.9003	1.320	1.714	1.279	60- 70	1.909	915.9	83.9,83.9
80	0.5041	0.7408	0.7127	0.8861	0.5613	0.7802	1.007	0.7947	70- 80	1.062	916.9	84,84
90	1.103	0.5712	0.0121	1.247	0.7486	2.187	0.0000	1.174	80- 90	0.6547	917.6	84,84
100	14.79	14.42	3.024	15.49	15.97	16.38	2.842	14.08	90-100	6.484	924.1	84.6,84.6
110	29.68	23.98	8.840	24.44	31.00	25.47	8.793	20.99	100-110	18.14	942.2	86.3,86.3
120	42.35	33.62	15.00	33.26	41.06	34.05	14.94	28.35	110-120	25.58	967.8	88.6,88.6
130	51.81	41.23	21.34	39.46	49.89	39.71	21.19	40.16	120-130	30.76	998.5	91.4,91.4
140	57.30	44.72	27.44	42.04	54.43	41.69	27.19	43.18	130-140	31.14	1030	94.3,94.3
150	54.93	45.11	32.94	42.37	51.85	41.66	32.78	43.51	140-150	26.80	1056	96.7,96.7
160	48.84	43.92	37.34	41.80	46.44	41.15	37.20	42.74	150-160	19.77	1076	98.5,98.5
170	43.55	42.38	40.22	41.32	42.44	40.96	40.21	41.77	160-170	11.90	1088	99.6,99.6
180	40.44	40.44	40.44	40.44	40.44	40.44	40.44	40.44	170-180	3.955	1092	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:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 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	308	441
80	223	316
75	206	311
70	210	331
65	217	352
60	246	388
55	620	457
50	4477	1851
45	13872	8115

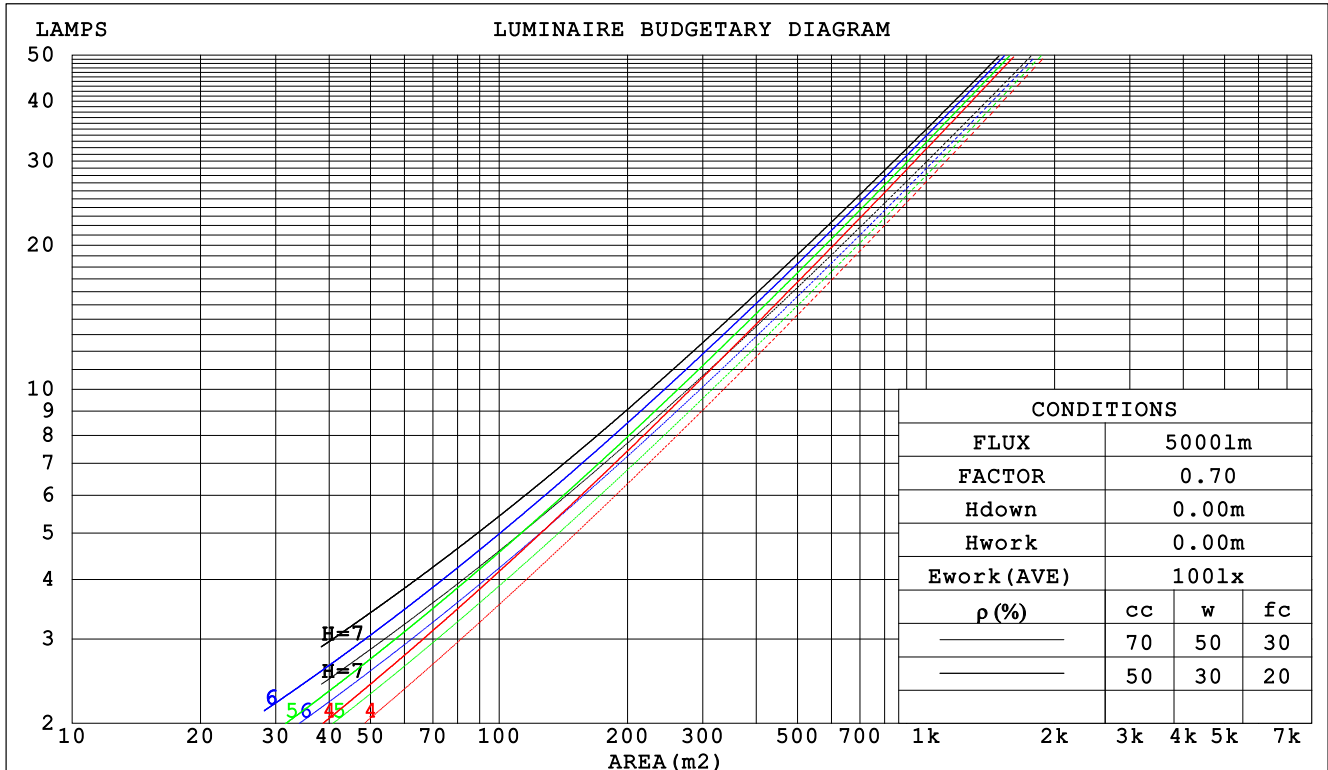
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 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	1.15	1.15	1.15	1.11	1.11	1.11	1.02	1.02	1.02	.94	.94	.94	.87	.87	.87	.84
1.0	1.06	1.03	1.00	1.02	.99	.97	.95	.93	.91	.88	.87	.86	.83	.81	.80	.78
2.0	.97	.92	.88	.94	.89	.86	.88	.84	.82	.82	.80	.78	.77	.75	.74	.71
3.0	.89	.83	.78	.86	.81	.77	.81	.77	.74	.76	.73	.70	.72	.70	.67	.65
4.0	.81	.75	.70	.79	.73	.69	.75	.70	.67	.71	.67	.64	.67	.64	.62	.60
5.0	.75	.68	.64	.73	.67	.63	.69	.64	.60	.66	.62	.59	.63	.59	.57	.55
6.0	.69	.63	.58	.68	.61	.57	.64	.59	.55	.61	.57	.54	.59	.55	.52	.50
7.0	.64	.57	.53	.63	.56	.52	.60	.54	.51	.57	.53	.49	.55	.51	.48	.46
8.0	.60	.53	.48	.58	.52	.48	.56	.50	.47	.53	.49	.45	.51	.47	.44	.43
9.0	.55	.49	.44	.54	.48	.44	.52	.47	.43	.50	.45	.42	.48	.44	.41	.39
10.0	.52	.45	.41	.51	.45	.41	.49	.43	.40	.47	.42	.39	.45	.41	.38	.37



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:1092.1x1 lm					
NAME: 1FT			TYPE:3500K 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	.203	.116	.037	.192	.109	.035	.170	.098	.031	.150	.087	.028	.132	.076	.025		
2.0	.195	.107	.033	.185	.102	.031	.166	.092	.029	.148	.083	.026	.131	.074	.023		
3.0	.186	.099	.030	.177	.095	.028	.159	.086	.026	.144	.079	.024	.129	.071	.022		
4.0	.177	.092	.027	.168	.088	.026	.153	.081	.024	.139	.074	.022	.125	.068	.021		
5.0	.168	.086	.025	.161	.082	.024	.147	.076	.022	.134	.070	.021	.121	.065	.019		
6.0	.160	.080	.023	.153	.077	.022	.140	.072	.021	.128	.067	.020	.117	.062	.018		
7.0	.152	.075	.021	.146	.073	.021	.134	.068	.020	.123	.063	.018	.113	.059	.017		
8.0	.145	.071	.020	.139	.069	.019	.129	.064	.018	.119	.060	.017	.109	.056	.016		
9.0	.138	.067	.019	.133	.065	.018	.123	.061	.017	.114	.057	.016	.105	.053	.015		
10.0	.132	.063	.018	.127	.062	.017	.118	.058	.016	.110	.054	.015	.101	.051	.015		

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	.312	.312	.312	.267	.267	.267	.182	.182	.182	.105	.105	.105	.033	.033	.033	
1.0	.296	.280	.266	.253	.240	.229	.173	.165	.158	.100	.096	.092	.032	.031	.030	
2.0	.283	.256	.233	.242	.220	.202	.166	.152	.141	.096	.089	.082	.031	.029	.027	
3.0	.273	.238	.210	.234	.205	.182	.160	.143	.128	.093	.083	.075	.030	.027	.025	
4.0	.264	.224	.194	.226	.194	.168	.156	.135	.119	.090	.079	.070	.029	.026	.023	
5.0	.256	.213	.182	.220	.185	.158	.152	.129	.112	.088	.076	.066	.028	.025	.022	
6.0	.250	.205	.172	.215	.177	.150	.148	.124	.106	.086	.073	.063	.028	.024	.021	
7.0	.244	.198	.165	.210	.171	.144	.145	.120	.102	.084	.071	.061	.027	.023	.020	
8.0	.238	.192	.160	.205	.166	.140	.142	.117	.099	.083	.069	.059	.027	.023	.020	
9.0	.233	.187	.156	.201	.162	.136	.139	.114	.096	.081	.067	.058	.026	.022	.019	
10.0	.229	.183	.152	.197	.159	.133	.137	.112	.094	.080	.066	.056	.026	.022	.019	

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:1092.1x1 lm										
NAME: 1FT					TYPE:3500K 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	18.2	19.2	18.7	19.6	20.1	17.0	18.0	17.5	18.4	18.9
3H	18.0	18.9	18.5	19.3	19.8	16.8	17.7	17.3	18.1	18.6
4H	17.9	18.7	18.4	19.2	19.7	16.7	17.5	17.2	18.0	18.5
6H	17.8	18.5	18.3	19.0	19.6	16.6	17.3	17.1	17.8	18.4
8H	17.7	18.4	18.3	18.9	19.5	16.5	17.2	17.1	17.7	18.3
12H	17.6	18.3	18.2	18.9	19.4	16.4	17.1	17.0	17.7	18.2
4H 2H	17.9	18.7	18.4	19.2	19.7	16.7	17.5	17.2	18.0	18.5
3H	17.7	18.3	18.2	18.9	19.5	16.5	17.1	17.0	17.7	18.3
4H	17.5	18.1	18.1	18.7	19.3	16.3	16.9	16.9	17.5	18.1
6H	17.4	17.9	18.0	18.5	19.2	16.2	16.7	16.8	17.3	18.0
8H	17.3	17.8	18.0	18.4	19.1	16.1	16.6	16.8	17.2	17.9
12H	17.3	17.7	17.9	18.3	19.0	16.1	16.5	16.7	17.1	17.9
8H 4H	17.3	17.8	18.0	18.4	19.1	16.1	16.6	16.8	17.2	17.9
6H	17.2	17.6	17.9	18.2	19.0	16.0	16.4	16.7	17.0	17.8
8H	17.1	17.5	17.8	18.1	18.9	15.9	16.3	16.6	16.9	17.7
12H	17.1	17.4	17.8	18.0	18.8	15.9	16.2	16.6	16.8	17.6
12H 4H	17.3	17.7	17.9	18.3	19.0	16.1	16.5	16.7	17.1	17.8
6H	17.1	17.5	17.8	18.1	18.9	15.9	16.3	16.6	16.9	17.7
8H	17.1	17.4	17.8	18.0	18.8	15.9	16.2	16.6	16.8	17.6
Variations with the observer position at spacings:										
S = 1.0H	+ 2.8 / -19.0					+ 3.1 / -16.9				
1.5H	+ 3.9 / -11.0					+ 4.0 / -14.6				
2.0H	+ 7.0 / -15.9					+ 6.6 / -11.5				

CIE Pub.117 Corrected 1092 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:

UTILIZATION FACTORS TABLE

Test:U:119.3V I:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

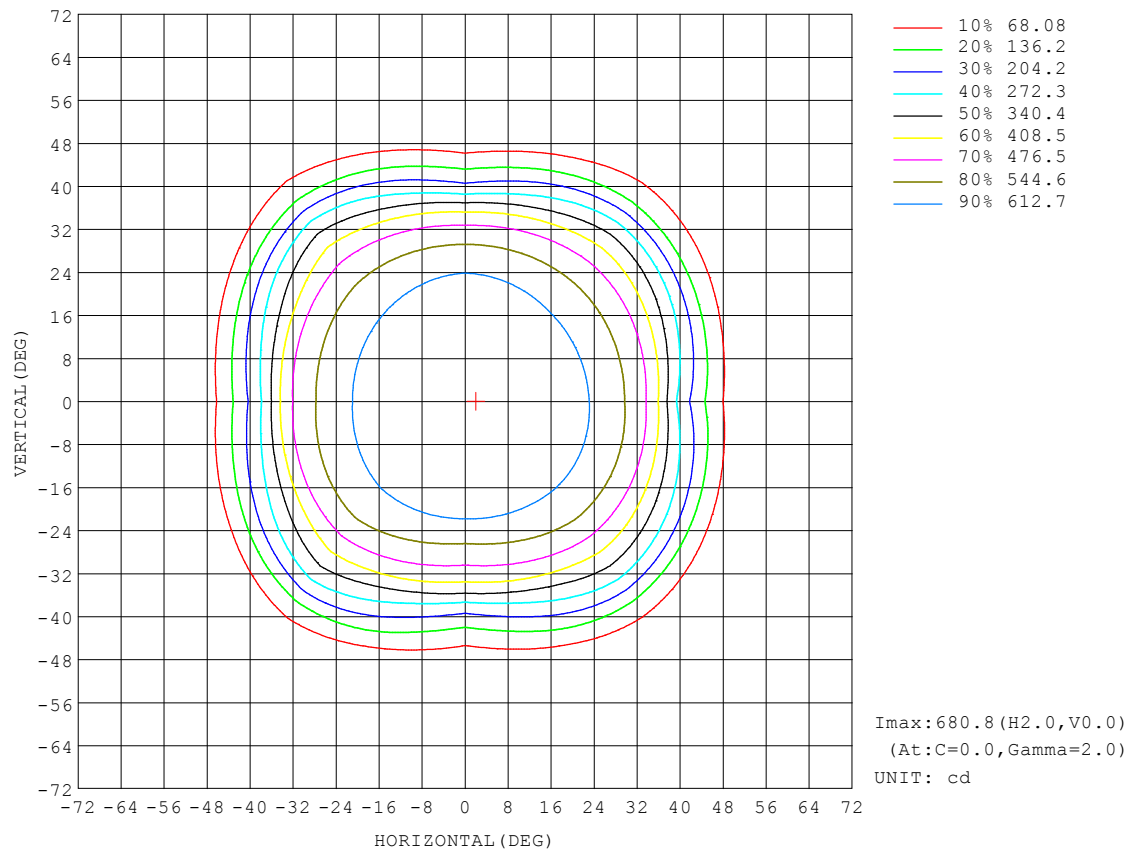
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	74	66	61	72	65	61	71	64	60	55
0.80	82	74	70	81	74	69	78	72	68	63
1.00	88	81	76	86	80	75	83	78	74	68
1.25	93	86	82	91	85	81	87	82	79	72
1.50	97	90	86	94	89	85	90	85	82	74
2.00	101	95	91	98	93	89	93	89	86	77
2.50	103	98	94	100	95	92	94	91	88	78
3.00	105	100	97	102	98	95	96	93	90	79
4.00	107	104	101	104	101	98	97	95	93	81
5.00	109	106	103	105	103	100	98	96	95	82
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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

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

ISOCANDELA DIAGRAM

Test:U:119.3V I:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

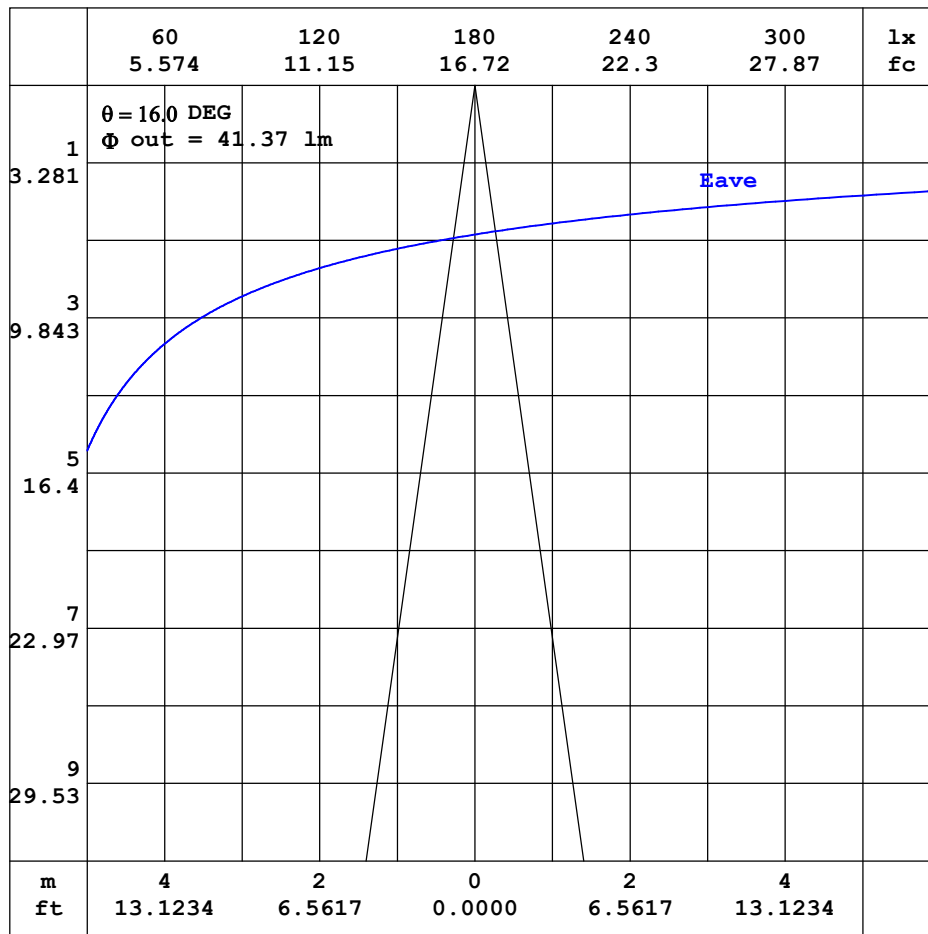


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date:

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:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



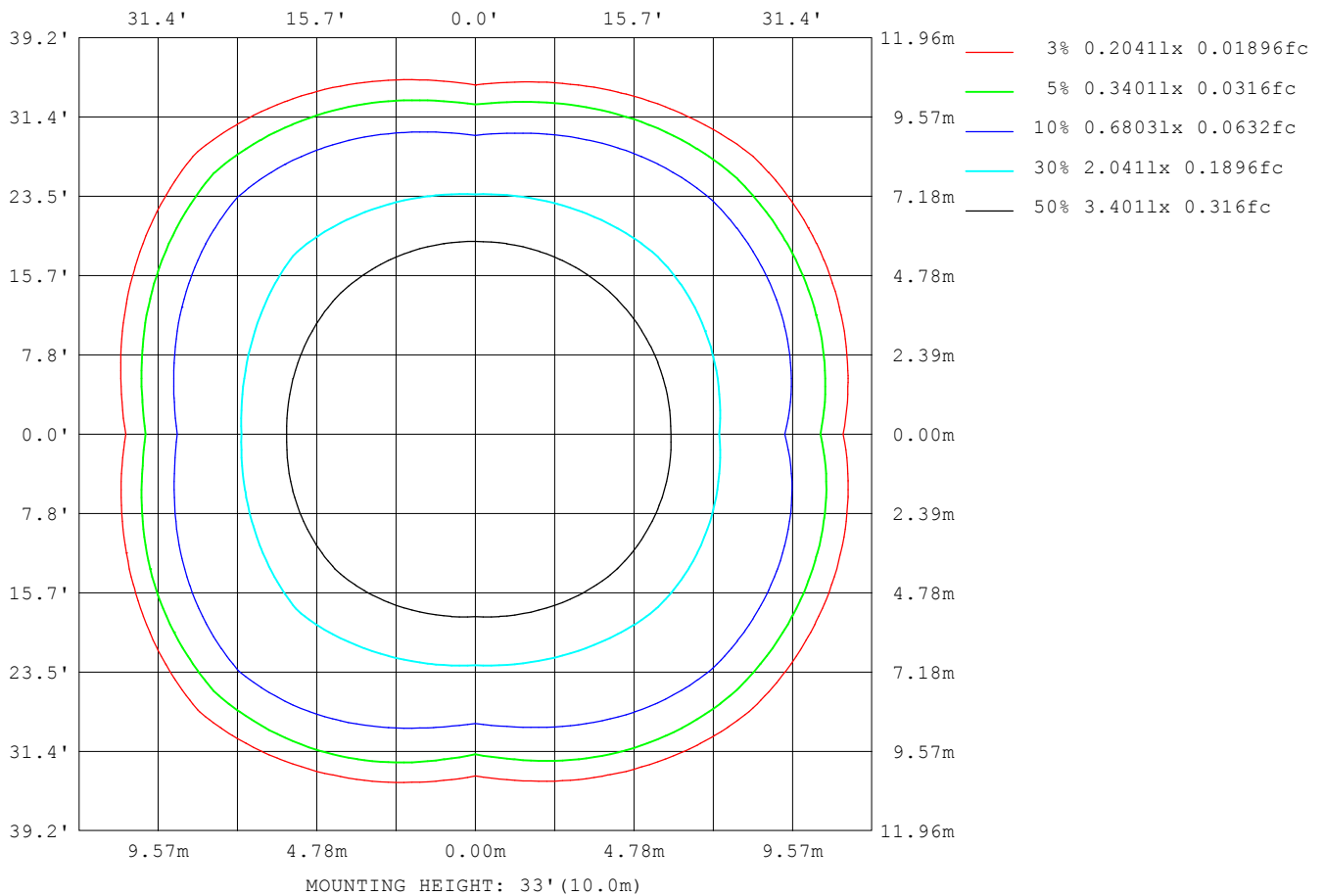
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 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:0.0750A P:8.900W PF:0.9900 Freq:60.00Hz Lamp Flux:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

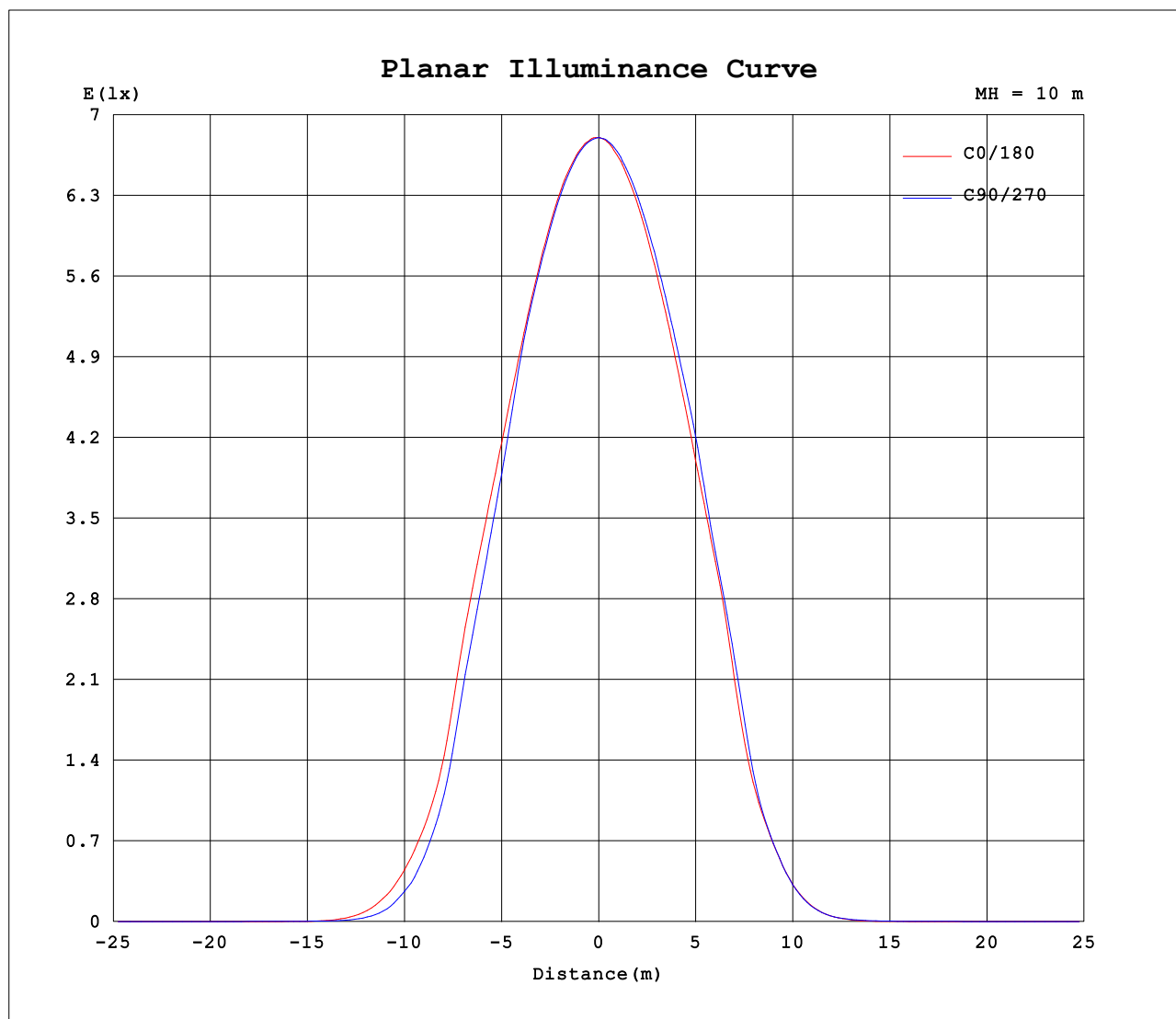
AvgL	cd/m2
L_0~180 (65) av	212
L_0~180 (75) av	208
L_0~180 (85) av	348
L_90~270 (65) av	369
L_90~270 (75) av	355
L_90~270 (85) av	530
L_45 (65) av	303
L_45 (75) av	306
L_45 (85) av	562

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:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 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	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680
5	679	679	679	679	679	679	679	679	679	678	678	678	678	678	678	678	678	678	678
10	673	673	673	673	673	673	672	672	672	672	671	671	671	671	671	671	670	670	670
15	659	659	659	659	659	659	658	658	658	658	657	657	657	656	656	655	655	655	654
20	635	635	635	635	635	635	635	635	635	634	634	633	633	632	631	631	630	630	629
25	596	598	599	600	600	600	600	599	598	597	593	590	586	582	578	575	572	569	567
30	540	543	545	546	547	547	546	545	543	540	534	527	520	513	506	500	494	489	485
35	442	447	451	454	456	457	457	456	453	449	440	430	419	409	398	389	380	372	367
40	251	273	291	307	319	329	335	339	340	338	323	306	288	269	249	231	214	200	188
45	128	145	160	173	184	192	197	200	201	199	187	173	157	141	125	110	96.2	84.1	74.6
50	37.4	45.2	51.9	57.6	62.2	65.8	68.3	69.7	70.1	69.4	64.1	57.9	51.3	44.4	37.5	30.9	24.8	19.6	15.5
55	4.62	8.31	11.6	14.4	16.7	18.6	20.1	21.2	21.7	21.9	20.2	18.3	16.0	13.7	11.3	8.94	6.79	4.91	3.41
60	1.60	2.26	2.85	3.36	3.81	4.18	4.49	4.72	4.88	4.96	4.76	4.51	4.21	3.90	3.57	3.26	2.96	2.71	2.52
65	1.19	1.23	1.27	1.31	1.35	1.39	1.43	1.47	1.51	1.55	1.60	1.65	1.70	1.74	1.79	1.83	1.87	1.90	1.93
70	0.94	0.97	1.00	1.04	1.07	1.10	1.14	1.17	1.20	1.23	1.26	1.29	1.32	1.35	1.38	1.41	1.43	1.45	1.47
75	0.69	0.73	0.76	0.80	0.83	0.86	0.88	0.91	0.93	0.95	0.97	0.98	0.99	1.01	1.02	1.03	1.03	1.04	1.05
80	0.50	0.54	0.58	0.61	0.64	0.67	0.69	0.71	0.73	0.74	0.74	0.74	0.74	0.74	0.73	0.73	0.72	0.72	0.71
85	0.35	0.40	0.44	0.47	0.51	0.54	0.56	0.58	0.59	0.61	0.60	0.59	0.58	0.57	0.55	0.54	0.52	0.51	0.50
90	1.10	1.04	0.99	0.93	0.87	0.81	0.75	0.69	0.63	0.57	0.48	0.42	0.35	0.28	0.22	0.15	0.09	0.04	0.01
95	5.53	5.89	6.19	6.41	6.55	6.62	6.62	6.54	6.39	6.17	5.52	4.83	4.12	3.41	2.73	2.10	1.56	1.12	0.81
100	14.8	15.3	15.7	15.9	16.0	15.9	15.8	15.5	15.0	14.4	13.1	11.6	10.1	8.64	7.22	5.89	4.72	3.75	3.02
105	23.8	23.7	23.5	23.2	22.8	22.3	21.7	20.9	20.1	19.1	17.4	15.7	13.9	12.2	10.5	9.02	7.70	6.63	5.84
110	29.7	29.5	29.2	28.8	28.3	27.7	26.9	26.1	25.1	24.0	22.0	20.0	18.0	16.0	14.2	12.5	11.0	9.74	8.84
115	36.3	36.0	35.5	35.0	34.3	33.5	32.6	31.5	30.3	29.1	26.8	24.5	22.3	20.0	17.9	16.0	14.3	12.9	11.9
120	42.4	41.9	41.3	40.5	39.7	38.7	37.6	36.4	35.1	33.6	31.2	28.7	26.2	23.8	21.5	19.4	17.6	16.1	15.0
125	47.3	46.8	46.1	45.3	44.4	43.3	42.2	40.8	39.4	37.9	35.3	32.7	30.0	27.5	25.1	22.9	20.9	19.4	18.2
130	51.8	51.1	50.3	49.3	48.3	47.1	45.8	44.4	42.9	41.2	38.6	36.0	33.3	30.7	28.3	26.1	24.1	22.5	21.3
135	55.3	54.4	53.3	52.2	51.0	49.6	48.2	46.7	45.2	43.5	40.9	38.4	35.8	33.3	31.0	28.9	27.1	25.6	24.4
140	57.3	56.1	54.9	53.6	52.3	50.9	49.4	47.9	46.3	44.7	42.4	40.0	37.7	35.4	33.4	31.5	29.8	28.5	27.4
145	57.0	55.9	54.7	53.4	52.1	50.8	49.5	48.1	46.6	45.2	43.1	41.1	39.1	37.2	35.4	33.7	32.3	31.2	30.3
150	54.9	54.0	53.0	51.9	50.9	49.8	48.6	47.5	46.3	45.1	43.4	41.8	40.1	38.6	37.1	35.8	34.6	33.7	32.9
155	52.0	51.3	50.5	49.8	49.0	48.1	47.3	46.4	45.5	44.6	43.4	42.1	40.8	39.6	38.5	37.5	36.6	35.9	35.3
160	48.8	48.4	47.9	47.4	46.9	46.3	45.7	45.2	44.5	43.9	43.0	42.1	41.3	40.4	39.7	38.9	38.3	37.8	37.3
165	45.9	45.7	45.4	45.1	44.8	44.5	44.2	43.9	43.5	43.1	42.6	42.0	41.5	41.0	40.5	40.0	39.6	39.3	39.0
170	43.5	43.5	43.4	43.3	43.1	43.0	42.9	42.7	42.6	42.4	42.1	41.8	41.6	41.3	41.0	40.8	40.6	40.4	40.2
175	42.0	42.0	42.0	42.0	42.0	41.9	41.9	41.9	41.8	41.8	41.7	41.6	41.5	41.4	41.3	41.2	41.1	41.0	41.0
180	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4

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:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 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	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680
5	678	678	677	677	677	677	677	677	676	676	676	676	675	675	675	675	675	675	675
10	670	669	669	669	669	668	668	668	668	667	667	666	666	665	665	665	664	664	664
15	654	654	654	654	653	653	653	653	652	652	651	650	650	649	648	648	647	647	647
20	629	629	629	629	629	629	629	629	628	627	626	625	624	623	622	621	620	620	620
25	569	571	574	577	580	583	586	589	592	591	590	588	586	584	582	580	578	577	577
30	489	494	500	506	513	519	526	532	537	536	534	531	528	525	522	518	515	513	514
35	373	381	390	400	410	420	430	438	446	440	434	426	418	410	401	394	387	382	389
40	200	216	233	252	271	291	309	325	339	328	315	300	284	268	252	236	223	212	225
45	85.6	99.0	114	131	147	164	179	193	205	196	184	171	156	142	127	114	102	91.7	102
50	20.3	26.1	32.8	39.8	47.1	54.2	60.9	66.8	71.7	67.3	61.9	55.7	49.0	42.3	35.7	29.6	24.2	19.9	25.1
55	5.22	7.40	9.84	12.4	15.1	17.6	20.0	22.1	23.7	21.8	19.5	17.0	14.3	11.5	8.83	6.37	4.24	2.55	4.75
60	2.87	3.27	3.71	4.16	4.61	5.04	5.43	5.76	6.01	5.58	5.08	4.53	3.95	3.38	2.82	2.32	1.88	1.54	2.00
65	1.96	1.97	1.98	1.98	1.98	1.97	1.95	1.92	1.89	1.80	1.71	1.62	1.52	1.43	1.34	1.26	1.19	1.14	1.16
70	1.49	1.50	1.51	1.52	1.52	1.51	1.50	1.48	1.45	1.39	1.32	1.26	1.18	1.12	1.05	0.99	0.94	0.90	0.92
75	1.06	1.08	1.10	1.11	1.12	1.12	1.13	1.12	1.12	1.07	1.02	0.97	0.92	0.87	0.82	0.78	0.74	0.70	0.72
80	0.73	0.76	0.78	0.81	0.83	0.85	0.87	0.88	0.89	0.86	0.82	0.78	0.74	0.70	0.66	0.62	0.59	0.56	0.57
85	0.53	0.56	0.59	0.62	0.65	0.68	0.71	0.73	0.75	0.72	0.69	0.66	0.62	0.58	0.54	0.50	0.47	0.44	0.44
90	0.13	0.26	0.40	0.55	0.70	0.85	1.00	1.13	1.25	1.21	1.16	1.09	1.02	0.95	0.88	0.82	0.78	0.75	0.91
95	1.41	2.15	2.97	3.87	4.79	5.72	6.62	7.47	8.22	8.16	7.99	7.75	7.45	7.12	6.78	6.45	6.14	5.90	6.35
100	3.89	4.99	6.30	7.75	9.30	10.9	12.5	14.0	15.5	15.9	16.2	16.4	16.5	16.5	16.4	16.3	16.1	16.0	16.3
105	6.69	7.83	9.21	10.8	12.5	14.3	16.2	18.0	19.8	21.0	22.0	22.9	23.8	24.5	25.0	25.5	25.8	26.0	25.9
110	9.78	11.1	12.6	14.3	16.3	18.3	20.4	22.4	24.4	25.7	26.8	27.8	28.7	29.4	30.0	30.5	30.8	31.0	31.0
115	12.9	14.3	16.0	18.0	20.1	22.3	24.6	26.9	29.1	30.4	31.6	32.6	33.5	34.3	34.9	35.4	35.8	35.9	35.9
120	16.1	17.5	19.3	21.4	23.6	26.0	28.4	30.9	33.3	34.7	36.0	37.2	38.3	39.2	39.9	40.5	40.8	41.1	41.0
125	19.2	20.7	22.5	24.6	26.9	29.3	31.8	34.4	36.8	38.4	39.9	41.3	42.5	43.5	44.3	45.0	45.5	45.8	45.6
130	22.3	23.7	25.4	27.4	29.6	32.0	34.5	37.0	39.5	41.2	42.9	44.4	45.8	47.0	48.1	48.9	49.5	49.9	49.6
135	25.3	26.5	28.0	29.8	31.9	34.1	36.4	38.8	41.1	43.0	44.9	46.6	48.1	49.5	50.7	51.7	52.5	53.0	52.5
140	28.1	29.1	30.5	32.0	33.8	35.7	37.8	39.9	42.0	43.9	45.8	47.5	49.2	50.7	52.0	53.0	53.9	54.4	53.8
145	30.8	31.6	32.7	34.0	35.4	37.1	38.8	40.6	42.4	44.1	45.8	47.4	48.9	50.3	51.6	52.6	53.4	53.9	53.3
150	33.3	33.9	34.7	35.7	36.9	38.2	39.5	40.9	42.4	43.8	45.2	46.5	47.7	48.9	49.9	50.7	51.4	51.9	51.3
155	35.6	36.0	36.6	37.3	38.1	39.0	40.0	41.1	42.1	43.2	44.2	45.2	46.1	47.0	47.7	48.3	48.8	49.2	48.7
160	37.5	37.8	38.1	38.6	39.1	39.8	40.4	41.1	41.8	42.5	43.2	43.8	44.4	45.0	45.5	45.9	46.2	46.4	46.1
165	39.1	39.2	39.4	39.7	40.0	40.3	40.7	41.1	41.5	41.9	42.3	42.7	43.0	43.3	43.6	43.8	44.0	44.1	43.9
170	40.2	40.3	40.4	40.5	40.6	40.8	41.0	41.1	41.3	41.5	41.7	41.8	42.0	42.1	42.2	42.3	42.4	42.4	42.3
175	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.5
180	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4

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:1092.1x1 lm		
NAME: 1FT	TYPE:3500K 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	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680
5	675	675	675	675	676	676	676	676	676	677	677	677	677	677	678	678	678	678	678
10	664	664	665	665	665	665	666	666	667	667	668	668	669	669	669	670	670	670	670
15	647	647	647	648	648	649	649	650	651	652	653	654	655	655	656	657	657	657	657
20	620	621	621	622	623	624	625	626	627	628	630	631	632	633	634	635	636	636	635
25	578	579	581	582	584	586	588	590	592	593	595	597	599	600	602	603	603	603	602
30	517	519	522	525	529	532	534	537	537	536	535	534	533	532	531	529	528	529	530
35	397	406	416	426	436	445	454	462	459	454	449	443	437	431	425	419	415	418	423
40	240	257	275	294	312	328	343	355	344	330	314	297	279	262	246	231	219	229	242
45	114	128	143	158	173	186	198	208	198	186	173	158	143	128	114	101	91.0	99.0	109
50	31.4	38.4	45.8	53.3	60.7	67.5	73.5	78.4	73.5	67.4	60.5	53.1	45.5	38.1	31.1	24.9	19.7	23.9	29.2
55	7.38	10.3	13.5	16.6	19.7	22.6	25.2	27.3	25.4	23.1	20.5	17.6	14.6	11.6	8.84	6.30	4.16	5.62	7.50
60	2.55	3.17	3.83	4.50	5.16	5.79	6.35	6.82	6.54	6.15	5.70	5.19	4.66	4.12	3.59	3.11	2.68	2.87	3.12
65	1.19	1.24	1.29	1.36	1.43	1.50	1.58	1.66	1.73	1.80	1.87	1.93	1.99	2.04	2.08	2.11	2.12	2.09	2.04
70	0.94	0.98	1.03	1.08	1.13	1.19	1.26	1.32	1.38	1.44	1.50	1.55	1.60	1.64	1.67	1.70	1.71	1.69	1.66
75	0.74	0.77	0.80	0.84	0.88	0.93	0.98	1.03	1.08	1.12	1.17	1.21	1.25	1.28	1.31	1.33	1.34	1.32	1.30
80	0.58	0.60	0.62	0.65	0.68	0.71	0.75	0.78	0.82	0.85	0.89	0.92	0.94	0.97	0.98	1.00	1.01	1.00	0.98
85	0.45	0.47	0.48	0.50	0.52	0.55	0.57	0.60	0.62	0.64	0.65	0.67	0.68	0.69	0.70	0.70	0.70	0.70	0.69
90	1.10	1.29	1.48	1.66	1.84	1.98	2.10	2.19	1.99	1.77	1.52	1.25	0.97	0.70	0.44	0.20	0.00	0.05	0.13
95	6.86	7.39	7.91	8.41	8.85	9.21	9.47	9.59	8.69	7.68	6.58	5.44	4.30	3.19	2.17	1.26	0.50	0.90	1.45
100	16.6	16.8	17.0	17.1	17.1	17.0	16.8	16.4	14.9	13.2	11.5	9.78	8.10	6.51	5.07	3.83	2.84	3.51	4.44
105	25.8	25.4	25.0	24.4	23.7	22.8	21.8	20.8	18.9	17.0	15.0	13.1	11.2	9.54	8.02	6.73	5.72	6.34	7.24
110	30.8	30.5	30.0	29.4	28.6	27.7	26.7	25.5	23.4	21.3	19.2	17.1	15.0	13.1	11.4	9.95	8.79	9.31	10.1
115	35.7	35.3	34.8	34.2	33.4	32.4	31.3	30.0	27.8	25.6	23.3	21.0	18.8	16.7	14.8	13.2	11.9	12.3	12.9
120	40.7	40.2	39.6	38.8	37.9	36.7	35.5	34.0	31.7	29.3	26.8	24.4	22.1	19.9	17.9	16.3	14.9	15.4	16.2
125	45.2	44.6	43.8	42.8	41.7	40.4	39.0	37.4	34.9	32.3	29.8	27.3	24.9	22.7	20.8	19.2	18.0	19.0	20.3
130	49.0	48.2	47.2	46.0	44.6	43.1	41.5	39.7	37.2	34.7	32.2	29.8	27.5	25.5	23.7	22.2	21.2	22.3	23.7
135	51.7	50.7	49.5	48.1	46.5	44.8	43.0	41.1	38.7	36.4	34.1	31.9	29.8	28.0	26.4	25.2	24.3	25.3	26.6
140	52.9	51.8	50.5	49.0	47.3	45.5	43.6	41.7	39.6	37.5	35.5	33.5	31.8	30.2	28.9	27.9	27.2	28.1	29.2
145	52.4	51.3	50.0	48.6	47.0	45.3	43.6	41.8	40.1	38.3	36.7	35.1	33.7	32.4	31.4	30.6	30.1	30.8	31.8
150	50.5	49.6	48.5	47.3	46.0	44.6	43.1	41.7	40.3	38.9	37.7	36.5	35.4	34.5	33.7	33.1	32.8	33.4	34.1
155	48.1	47.4	46.6	45.6	44.6	43.6	42.5	41.4	40.4	39.4	38.5	37.7	36.9	36.3	35.7	35.4	35.1	35.6	36.2
160	45.7	45.2	44.6	44.0	43.3	42.6	41.9	41.2	40.5	39.9	39.3	38.7	38.3	37.9	37.5	37.3	37.2	37.5	37.9
165	43.7	43.4	43.0	42.7	42.3	41.8	41.4	41.0	40.6	40.3	40.0	39.7	39.5	39.2	39.1	39.0	38.9	39.1	39.4
170	42.2	42.1	41.9	41.7	41.5	41.3	41.2	41.0	40.8	40.7	40.6	40.4	40.4	40.3	40.2	40.2	40.2	40.3	40.4
175	41.4	41.4	41.3	41.3	41.2	41.2	41.1	41.0	41.0	41.0	41.0	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0
180	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4

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:1092.1x1 lm																	
NAME: 1FT									TYPE:3500K 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	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680				
5	678	678	677	677	677	677	677	677	677	678	678	678	678	678	679				
10	670	670	669	669	669	669	669	669	669	670	670	671	671	672	673				
15	657	656	656	655	655	654	654	654	654	655	655	656	656	657	658				
20	635	634	633	633	632	631	631	631	631	631	631	632	632	633	634				
25	601	600	599	597	596	595	594	594	593	593	593	594	594	595	595				
30	531	533	534	535	537	538	539	540	540	541	541	541	541	541	541				
35	428	434	440	446	451	457	462	463	463	463	461	459	456	452	447				
40	257	273	289	306	322	336	348	348	346	341	333	322	309	292	273				
45	121	134	148	161	174	186	197	198	197	193	188	180	170	158	144				
50	35.3	42.0	48.9	55.9	62.6	68.7	74.0	74.4	73.7	71.9	68.9	64.9	59.7	53.4	46.0				
55	9.67	12.0	14.5	16.9	19.2	21.2	22.9	22.7	22.1	21.0	19.4	17.3	14.9	11.9	8.49				
60	3.42	3.75	4.09	4.42	4.74	5.01	5.22	5.12	4.95	4.70	4.37	3.97	3.49	2.93	2.30				
65	1.99	1.93	1.86	1.79	1.71	1.64	1.56	1.51	1.46	1.42	1.37	1.33	1.29	1.26	1.22				
70	1.62	1.57	1.52	1.46	1.40	1.34	1.28	1.24	1.19	1.15	1.12	1.08	1.04	1.00	0.97				
75	1.27	1.24	1.20	1.16	1.12	1.07	1.02	0.99	0.95	0.92	0.88	0.84	0.81	0.77	0.73				
80	0.97	0.95	0.92	0.89	0.86	0.83	0.79	0.77	0.74	0.71	0.68	0.64	0.61	0.58	0.54				
85	0.69	0.68	0.67	0.65	0.64	0.62	0.60	0.58	0.56	0.53	0.51	0.48	0.45	0.42	0.38				
90	0.25	0.38	0.53	0.69	0.86	1.02	1.17	1.23	1.27	1.29	1.30	1.29	1.26	1.23	1.17				
95	2.14	2.91	3.76	4.63	5.50	6.33	7.10	7.33	7.46	7.48	7.41	7.23	6.96	6.58	6.11				
100	5.58	6.88	8.29	9.76	11.3	12.7	14.1	14.7	15.1	15.5	15.7	15.8	15.7	15.5	15.2				
105	8.39	9.73	11.2	12.8	14.5	16.2	17.8	18.8	19.7	20.5	21.2	21.9	22.5	23.0	23.4				
110	11.3	12.6	14.1	15.7	17.4	19.2	21.0	22.1	23.2	24.3	25.3	26.2	27.2	28.0	28.9				
115	13.9	15.2	16.6	18.2	19.9	21.8	23.7	25.0	26.4	27.8	29.2	30.6	32.0	33.4	34.8				
120	17.4	18.8	20.4	22.2	24.2	26.2	28.3	29.9	31.4	33.0	34.5	36.1	37.6	39.2	40.8				
125	22.0	24.0	26.2	28.6	31.1	33.6	36.1	37.6	39.1	40.6	41.9	43.1	44.3	45.4	46.4				
130	25.6	27.7	30.0	32.4	35.0	37.6	40.2	41.8	43.4	44.9	46.2	47.5	48.7	49.9	50.9				
135	28.3	30.3	32.4	34.7	37.2	39.6	42.1	43.8	45.4	47.0	48.6	50.0	51.4	52.8	54.1				
140	30.7	32.5	34.4	36.5	38.7	40.9	43.2	44.8	46.5	48.1	49.7	51.3	52.8	54.3	55.8				
145	33.0	34.5	36.1	37.8	39.7	41.6	43.6	45.1	46.6	48.1	49.6	51.1	52.5	54.0	55.5				
150	35.1	36.3	37.5	38.9	40.4	41.9	43.5	44.7	46.0	47.2	48.5	49.8	51.0	52.3	53.6				
155	36.9	37.8	38.7	39.8	40.9	42.0	43.2	44.1	45.1	46.1	47.0	48.0	49.0	50.0	51.0				
160	38.4	39.0	39.7	40.4	41.1	41.9	42.7	43.4	44.1	44.7	45.4	46.1	46.7	47.4	48.1				
165	39.7	40.0	40.4	40.9	41.3	41.8	42.2	42.6	43.0	43.4	43.8	44.2	44.6	45.1	45.5				
170	40.6	40.7	40.9	41.1	41.3	41.5	41.8	42.0	42.1	42.3	42.5	42.7	42.9	43.1	43.3				
175	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6	41.6	41.7	41.7	41.8	41.9	41.9				
180	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4				

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: