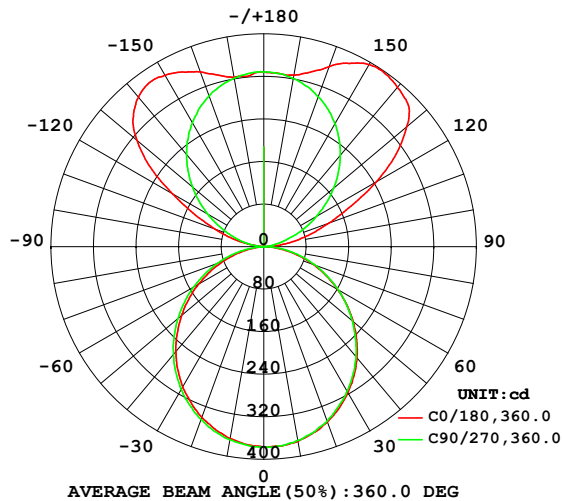


LUMINAIRE PHOTOMETRIC TEST REPORT

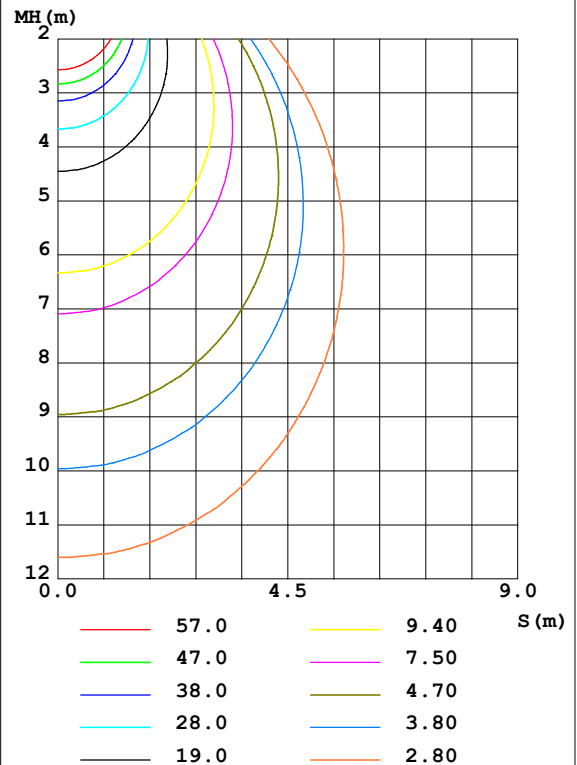
Test:U:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.17 lm/W			
MODEL		I _{max} (cd)	398.5	S/MH(C0/180)	1.25
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2188.2	η UP,DN(C0-180)	26.1,24.1
NOMINAL FLUX(lm)	2188.21	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	26.8,23.0
LAMPS INSIDE	1	η up(%)	52.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	47.1	CIBSE SHR MAX	1.35

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:

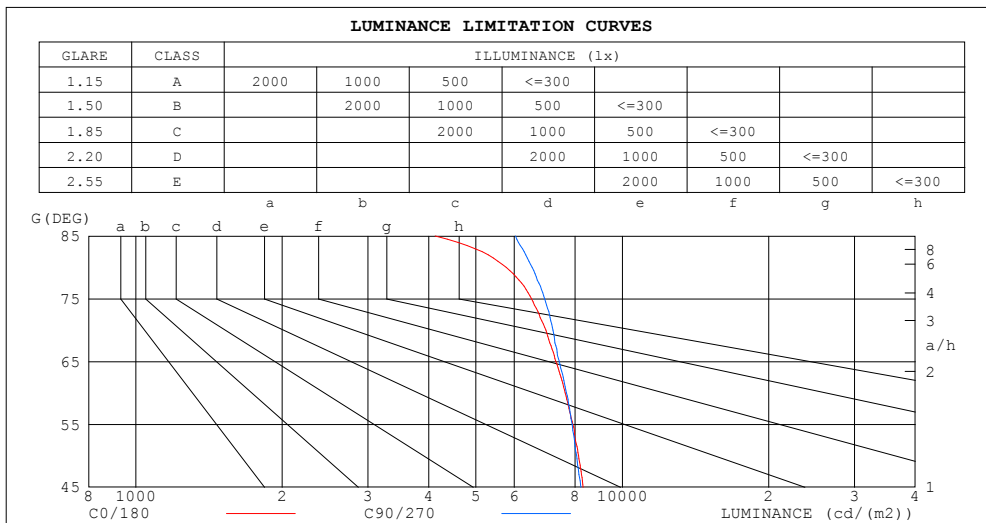
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	371.5	370.7	369.6	369.7	366.1	366.4	368.6	368.8	0- 10	35.59	35.59	1.63,1.63
20	350.6	350.4	348.8	347.5	341.2	342.2	345.8	345.8	10- 20	101.4	137.0	6.26,6.26
30	316.5	317.0	313.9	312.6	305.0	305.5	310.5	309.9	20- 30	152.1	289.1	13.2,13.2
40	272.8	272.8	269.6	268.6	257.8	259.5	264.2	264.5	30- 40	181.2	470.4	21.5,21.5
50	219.4	221.8	217.6	216.8	202.2	205.9	210.9	211.6	40- 50	185.4	655.8	30,30
60	160.3	164.1	161.3	159.3	141.9	146.4	153.1	152.2	50- 60	164.9	820.7	37.5,37.5
70	100.0	103.4	103.4	98.80	82.00	86.34	93.12	91.31	60- 70	123.1	943.8	43.1,43.1
80	42.10	46.17	47.62	42.12	25.31	29.98	37.03	33.99	70- 80	69.54	1013	46.3,46.3
90	2.095	1.881	0.8654	1.200	0.2807	0.9610	0.2321	2.151	80- 90	16.25	1030	47.1,47.1
100	55.82	51.53	16.22	40.51	30.24	54.51	25.90	65.21	90-100	18.78	1048	47.9,47.9
110	131.1	132.8	59.49	117.1	98.68	134.6	68.95	150.9	100-110	79.88	1128	51.6,51.6
120	245.6	222.1	115.3	203.7	196.8	217.0	121.2	231.7	110-120	152.5	1281	58.5,58.5
130	350.3	289.3	172.0	273.9	311.4	280.4	175.1	294.7	120-130	208.4	1489	68.1,68.1
140	391.1	329.7	224.2	311.5	366.8	310.8	226.5	327.4	130-140	225.7	1715	78.4,78.4
150	395.3	337.4	267.6	322.4	372.1	318.7	269.0	330.8	140-150	200.6	1915	87.5,87.5
160	360.1	326.6	299.6	319.6	349.5	316.2	301.6	322.4	150-160	150.5	2066	94.4,94.4
170	327.5	322.9	320.8	319.7	323.2	318.2	321.6	321.6	160-170	91.29	2157	98.6,98.6
180	327.9	327.9	327.9	327.9	327.9	327.9	327.9	327.9	170-180	30.96	2188	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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4125	6032
80	5772	6529
75	6508	6926
70	6964	7199
65	7306	7424
60	7636	7682
55	7916	7889
50	8127	8061
45	8308	8212

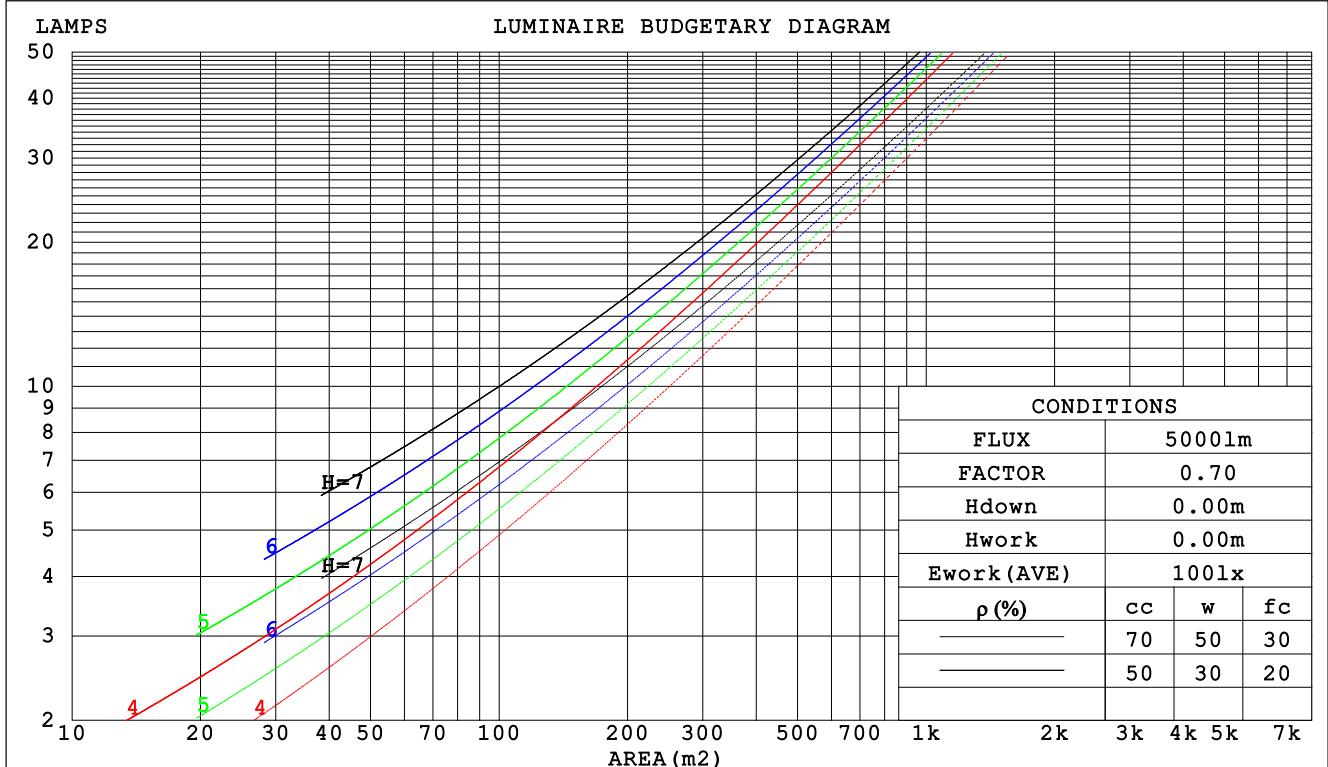
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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	1.06	1.06	1.06	.98	.98	.98	.82	.82	.82	.67	.67	.67	.53	.53	.53	.47
1.0	.93	.89	.85	.85	.82	.79	.72	.69	.67	.59	.57	.56	.47	.46	.45	.40
2.0	.81	.75	.70	.75	.69	.65	.63	.59	.55	.52	.49	.46	.41	.39	.38	.33
3.0	.71	.64	.58	.65	.59	.54	.55	.50	.46	.45	.42	.39	.37	.34	.32	.28
4.0	.63	.55	.49	.58	.51	.46	.49	.44	.39	.40	.37	.33	.33	.30	.28	.24
5.0	.56	.48	.42	.52	.44	.39	.44	.38	.34	.36	.32	.29	.29	.26	.24	.21
6.0	.50	.42	.36	.46	.39	.34	.39	.34	.30	.33	.28	.25	.27	.23	.21	.18
7.0	.45	.37	.32	.42	.35	.30	.36	.30	.26	.30	.25	.22	.24	.21	.19	.16
8.0	.41	.33	.28	.38	.31	.26	.32	.27	.23	.27	.23	.20	.22	.19	.17	.14
9.0	.37	.30	.25	.35	.28	.23	.30	.24	.21	.25	.21	.18	.20	.17	.15	.13
10.0	.34	.27	.22	.32	.25	.21	.27	.22	.18	.23	.19	.16	.19	.16	.14	.12



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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm					
NAME: 2FT			TYPE:3500K 5.5		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:0.6*0.07		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	.279	.159	.050	.256	.146	.046	.213	.122	.039	.174	.100	.032	.137	.079	.026		
2.0	.260	.143	.044	.240	.132	.041	.200	.111	.035	.164	.092	.029	.131	.074	.023		
3.0	.241	.128	.038	.222	.119	.036	.186	.101	.031	.153	.084	.026	.122	.068	.021		
4.0	.223	.116	.034	.206	.108	.032	.173	.092	.027	.142	.076	.023	.113	.062	.019		
5.0	.207	.105	.031	.191	.098	.029	.160	.084	.025	.132	.070	.021	.106	.056	.017		
6.0	.192	.096	.028	.178	.090	.026	.149	.077	.022	.123	.064	.019	.099	.052	.015		
7.0	.180	.089	.025	.166	.083	.024	.140	.071	.020	.115	.059	.017	.092	.048	.014		
8.0	.168	.082	.023	.155	.076	.022	.131	.065	.019	.108	.055	.016	.087	.045	.013		
9.0	.158	.076	.021	.146	.071	.020	.123	.061	.017	.102	.051	.015	.082	.042	.012		
10.0	.149	.071	.020	.137	.066	.019	.116	.057	.016	.096	.048	.014	.077	.039	.011		

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	.594	.594	.594	.508	.508	.508	.346	.346	.346	.199	.199	.199	.064	.064	.064	
1.0	.585	.563	.544	.501	.483	.468	.342	.333	.324	.197	.192	.188	.063	.062	.061	
2.0	.578	.542	.511	.495	.466	.442	.339	.323	.308	.195	.188	.181	.063	.061	.059	
3.0	.571	.526	.490	.489	.454	.425	.336	.315	.298	.194	.184	.176	.062	.060	.058	
4.0	.564	.514	.476	.484	.444	.413	.333	.309	.291	.192	.181	.172	.062	.059	.057	
5.0	.557	.505	.466	.479	.437	.405	.330	.305	.286	.191	.179	.170	.062	.058	.056	
6.0	.551	.497	.458	.474	.431	.399	.327	.301	.282	.190	.177	.168	.061	.058	.055	
7.0	.545	.491	.453	.469	.426	.395	.324	.298	.280	.188	.176	.167	.061	.058	.055	
8.0	.540	.486	.449	.465	.422	.392	.321	.296	.278	.187	.175	.165	.061	.057	.055	
9.0	.534	.482	.446	.460	.418	.389	.319	.294	.276	.186	.174	.165	.060	.057	.055	
10.0	.529	.478	.443	.456	.415	.387	.317	.292	.275	.185	.173	.164	.060	.057	.054	

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm										
NAME: 2FT					TYPE:3500K 5.5			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:0.6*0.07			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	16.7	17.6	17.6	18.5	19.6	16.7	17.6	17.6	18.5	19.6
3H	18.1	18.9	19.0	19.8	21.0	18.1	18.9	19.0	19.9	21.0
4H	18.6	19.4	19.5	20.3	21.5	18.7	19.5	19.6	20.4	21.6
6H	19.0	19.7	19.9	20.6	21.9	19.2	19.9	20.1	20.8	22.0
8H	19.1	19.8	20.0	20.7	21.9	19.3	20.0	20.3	20.9	22.2
12H	19.1	19.7	20.1	20.7	21.9	19.4	20.0	20.3	21.0	22.2
4H 2H	17.1	17.9	18.1	18.8	20.0	17.1	17.9	18.0	18.8	20.0
3H	18.7	19.3	19.6	20.3	21.5	18.7	19.4	19.7	20.3	21.6
4H	19.3	19.9	20.3	20.9	22.2	19.5	20.0	20.4	21.0	22.3
6H	19.8	20.3	20.8	21.3	22.6	20.0	20.5	21.0	21.5	22.8
8H	20.0	20.4	21.0	21.4	22.7	20.2	20.7	21.2	21.7	23.0
12H	20.0	20.4	21.0	21.4	22.8	20.3	20.7	21.3	21.8	23.1
8H 4H	19.5	20.0	20.5	21.0	22.3	19.6	20.1	20.6	21.1	22.4
6H	20.1	20.5	21.2	21.5	22.9	20.3	20.7	21.3	21.7	23.0
8H	20.3	20.7	21.4	21.7	23.1	20.6	20.9	21.6	22.0	23.3
12H	20.5	20.7	21.5	21.8	23.2	20.8	21.1	21.8	22.1	23.5
12H 4H	19.5	19.9	20.5	20.9	22.2	19.6	20.0	20.6	21.0	22.3
6H	20.2	20.5	21.2	21.5	22.9	20.3	20.6	21.4	21.7	23.0
8H	20.4	20.7	21.5	21.7	23.1	20.6	20.9	21.7	22.0	23.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2188 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.7)

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

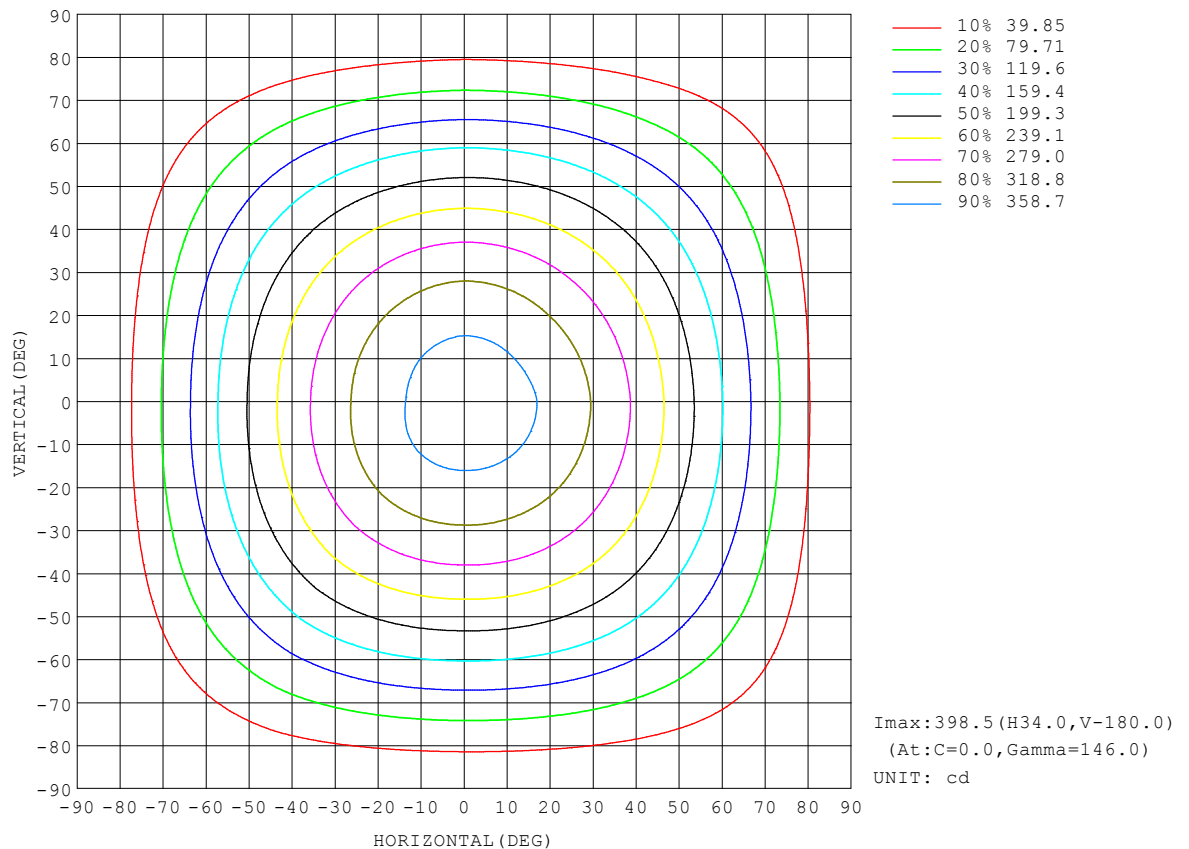
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	32	26	41	31	25	36	28	23	16
0.80	53	41	34	49	39	33	43	35	30	20
1.00	60	49	42	56	46	40	49	42	36	24
1.25	67	56	49	63	53	46	54	47	42	27
1.50	73	62	55	67	58	52	58	51	46	30
2.00	80	70	63	74	66	60	63	57	52	33
2.50	84	76	69	78	70	65	66	61	56	35
3.00	88	80	74	81	74	69	68	64	60	37
4.00	92	86	80	85	79	75	71	68	64	39
5.00	95	89	85	87	83	79	73	70	67	41
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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

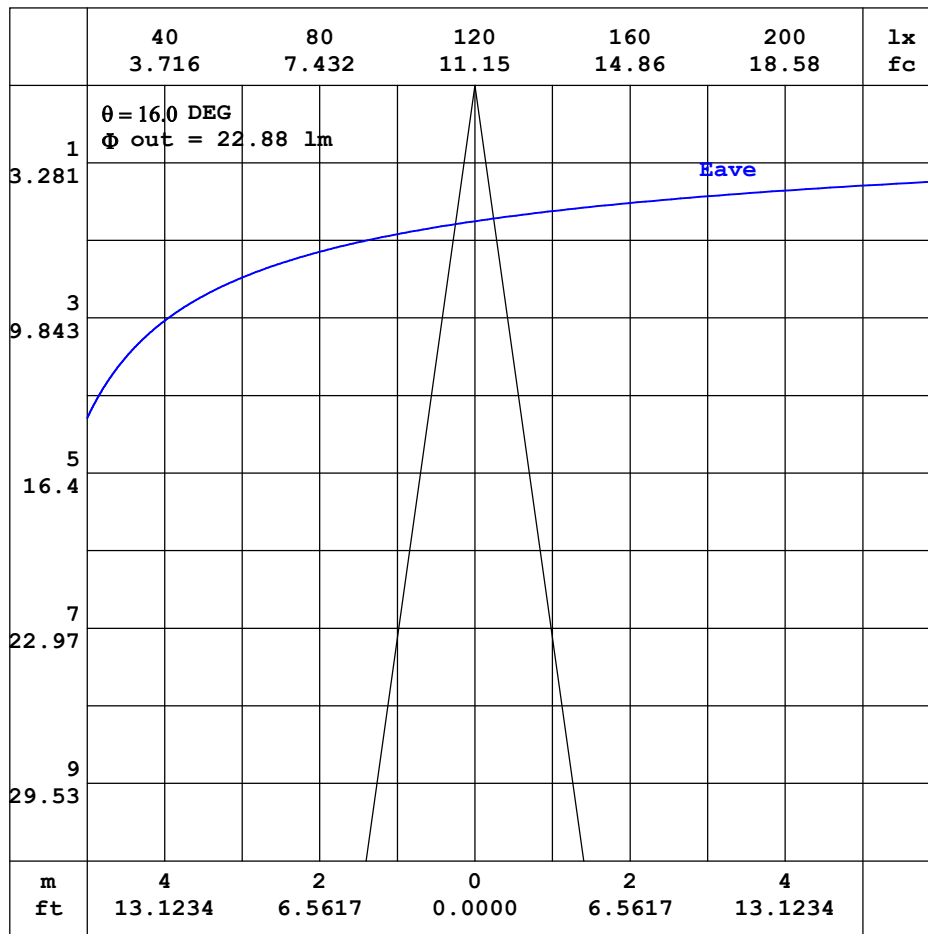


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:



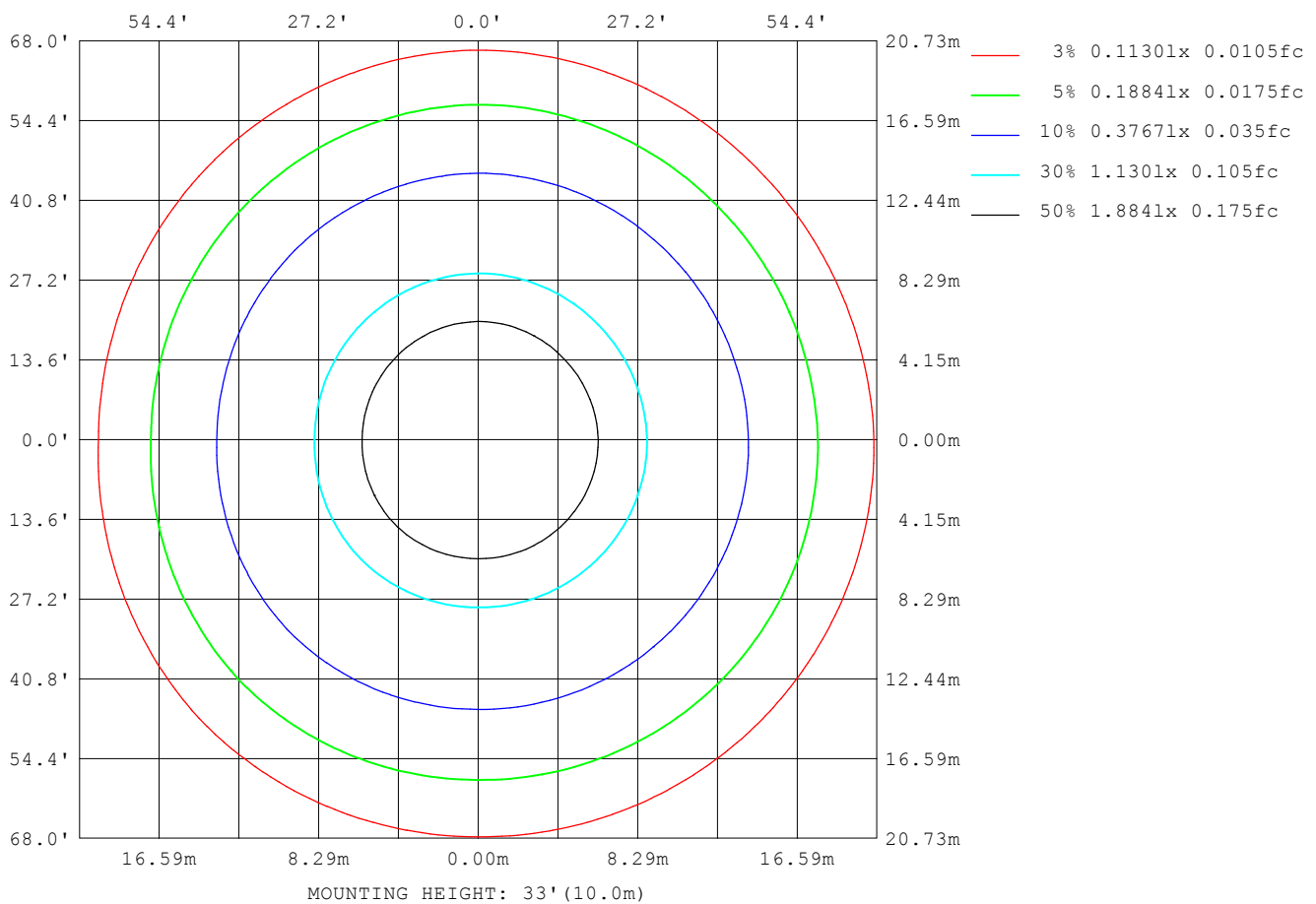
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

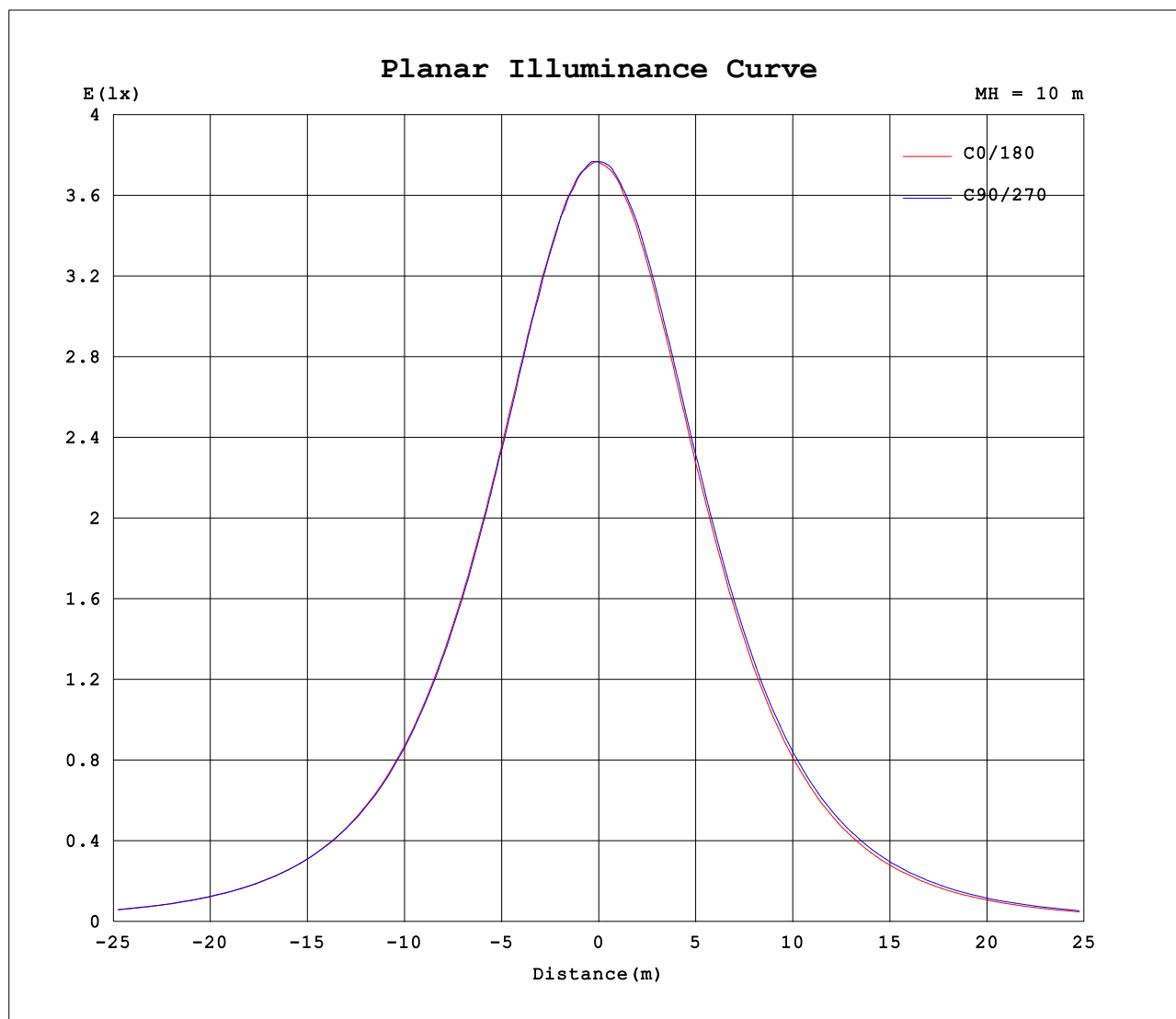
AvgL	cd/m2
L_0~180 (65) av	6789
L_0~180 (75) av	5692
L_0~180 (85) av	2478
L_90~270 (65) av	7160
L_90~270 (75) av	6423
L_90~270 (85) av	4541
L_45 (65) av	7040
L_45 (75) av	6067
L_45 (85) av	3373

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377
5	376	376	376	376	376	375	375	375	375	375	375	375	375	375	375	375	375	376	376
10	371	371	371	371	371	371	371	371	371	371	371	370	370	370	370	370	370	370	370
15	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	361	361	361	361
20	351	351	351	351	351	351	351	351	350	350	350	350	350	350	350	349	349	349	349
25	335	335	335	335	335	335	335	335	335	335	335	334	334	334	333	333	333	332	332
30	317	317	317	317	317	317	317	317	317	317	317	316	316	316	315	315	315	314	314
35	296	296	296	297	297	297	296	296	296	296	296	295	295	295	294	294	294	293	293
40	273	273	273	273	273	273	273	273	273	273	273	272	272	271	271	271	270	270	270
45	247	247	248	248	248	249	249	249	249	249	248	248	247	247	246	246	245	244	244
50	219	220	221	221	221	222	222	222	222	222	222	221	221	220	220	219	219	218	218
55	191	191	192	192	193	193	193	194	194	194	193	193	193	192	192	191	191	190	190
60	160	161	162	162	163	163	164	164	164	164	164	164	164	163	163	163	162	162	161
65	130	130	131	131	132	132	133	133	133	133	133	133	133	133	133	133	132	132	132
70	100	101	101	102	102	102	103	103	103	103	104	104	104	104	104	104	104	104	103
75	70.7	71.3	71.8	72.3	72.7	73.1	73.5	73.8	74.1	74.4	74.7	74.9	75.2	75.3	75.4	75.5	75.5	75.4	75.3
80	42.1	42.7	43.2	43.7	44.2	44.7	45.1	45.5	45.8	46.2	46.5	46.9	47.2	47.4	47.6	47.7	47.7	47.7	47.6
85	15.1	15.7	16.3	16.8	17.3	17.8	18.3	18.7	19.2	19.6	20.1	20.5	20.9	21.3	21.6	21.9	22.0	22.1	22.1
90	2.10	2.11	2.12	2.11	2.10	2.08	2.04	2.00	1.94	1.88	1.77	1.65	1.53	1.40	1.28	1.16	1.05	0.95	0.87
95	21.0	21.0	21.0	20.8	20.4	20.0	19.5	18.8	18.0	17.1	15.6	14.0	12.3	10.6	9.02	7.46	6.02	4.71	3.59
100	55.8	56.9	57.5	57.8	57.7	57.3	56.4	55.2	53.5	51.5	47.5	43.2	38.7	34.3	29.9	25.8	22.1	18.9	16.2
105	90.2	92.3	93.8	94.7	95.1	94.8	93.9	92.3	90.2	87.5	81.6	75.2	68.7	62.1	55.6	49.6	44.1	39.3	35.5
110	131	135	138	140	141	141	141	139	136	133	125	116	107	97.3	88.2	79.6	71.7	64.9	59.5
115	181	186	189	191	193	193	191	189	185	181	170	159	147	135	124	113	103	94.2	87.4
120	246	247	248	247	245	243	239	234	229	222	209	196	182	168	155	143	132	123	115
125	304	302	300	296	292	287	281	274	266	258	243	228	213	199	185	172	160	151	143
130	350	346	342	336	330	323	316	308	299	289	274	258	243	228	213	200	189	179	172
135	382	377	371	365	358	350	342	334	324	314	299	284	268	254	239	227	215	206	199
140	391	386	381	376	369	362	355	347	339	330	316	302	288	274	261	250	239	231	224
145	397	392	386	380	373	367	359	352	344	336	324	312	300	289	278	268	260	253	247
150	395	389	383	377	371	365	358	351	344	337	328	318	309	300	291	284	277	272	268
155	380	375	369	364	358	353	348	342	337	332	325	318	312	306	301	296	291	288	285
160	360	356	352	348	344	341	337	333	330	327	323	319	315	311	308	305	303	301	300
165	340	338	336	334	332	330	328	326	325	323	321	320	318	317	316	314	314	313	312
170	327	327	326	326	325	325	324	324	323	323	323	322	322	322	321	321	321	321	321
175	327	327	326	326	326	326	326	326	326	326	326	326	326	326	327	327	327	327	327
180	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm		
NAME: 2FT	TYPE:3500K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377
5	376	376	376	376	376	376	375	375	375	375	375	375	374	374	374	374	374	373	373
10	370	370	370	370	370	370	370	370	370	369	369	369	368	368	367	367	366	366	366
15	361	361	361	361	361	361	361	361	361	360	359	359	358	358	357	357	356	356	355
20	349	349	349	349	348	348	348	348	348	347	346	345	345	344	343	342	342	341	341
25	332	332	332	332	332	332	332	332	332	331	330	329	328	327	326	325	324	324	323
30	314	314	314	314	313	313	313	313	313	312	311	310	309	308	307	307	306	305	305
35	293	293	293	293	293	293	292	292	292	291	290	289	288	286	285	284	283	282	282
40	270	270	270	270	270	269	269	269	269	267	266	265	264	262	261	260	259	258	258
45	244	244	244	244	244	244	244	244	243	242	241	239	237	236	234	233	231	230	230
50	218	218	218	218	218	218	218	217	217	215	214	212	210	208	207	205	203	202	202
55	190	190	190	190	190	190	190	189	189	187	185	183	181	179	177	175	174	172	172
60	161	161	161	161	161	161	160	160	159	157	155	153	151	149	147	145	143	142	142
65	132	132	132	131	131	131	130	129	129	127	125	123	120	118	116	114	113	111	111
70	103	103	103	102	102	101	101	99.8	98.8	96.9	94.9	92.9	90.9	88.8	86.9	85.1	83.4	82.0	81.8
75	75.1	74.8	74.5	74.0	73.5	72.8	72.0	71.1	70.0	68.1	66.1	64.0	61.9	59.9	57.9	56.1	54.4	53.0	52.8
80	47.4	47.1	46.8	46.3	45.7	45.0	44.2	43.2	42.1	40.2	38.2	36.2	34.1	32.1	30.1	28.3	26.7	25.3	25.1
85	21.8	21.5	21.0	20.5	19.8	19.1	18.2	17.3	16.3	14.8	13.2	11.6	9.97	8.40	6.89	5.48	4.18	3.05	2.69
90	0.88	0.91	0.96	1.00	1.05	1.10	1.14	1.18	1.20	1.11	1.00	0.89	0.78	0.66	0.55	0.45	0.36	0.28	0.33
95	3.69	3.98	4.41	4.95	5.56	6.20	6.84	7.43	7.95	7.21	6.40	5.56	4.76	4.02	3.41	2.97	2.74	2.78	4.85
100	17.7	19.8	22.3	25.3	28.4	31.6	34.8	37.8	40.5	39.8	38.8	37.5	36.1	34.6	33.2	32.0	30.9	30.2	32.8
105	38.0	41.4	45.6	50.3	55.4	60.6	65.8	70.7	75.2	74.7	73.7	72.3	70.6	68.8	67.0	65.3	63.8	62.7	65.9
110	63.2	68.3	74.4	81.2	88.6	96.1	104	111	117	116	115	113	111	108	105	103	100	98.7	103
115	92.5	99.3	107	117	126	136	146	156	164	164	163	160	158	154	151	148	145	143	147
120	121	128	137	148	159	170	182	193	204	205	206	206	205	204	202	200	198	197	200
125	149	157	167	178	190	203	216	229	242	247	251	254	257	259	260	260	261	260	262
130	178	186	196	207	220	233	247	261	274	281	288	294	299	303	306	309	311	311	311
135	204	211	221	232	244	257	270	284	297	306	314	321	328	334	339	342	345	347	346
140	229	235	243	253	263	275	287	299	312	321	329	337	345	351	357	361	365	367	365
145	250	255	262	270	279	288	298	309	319	328	337	345	353	359	365	370	374	376	374
150	270	274	278	284	291	298	306	314	322	330	337	344	351	357	362	366	370	372	369
155	287	289	292	296	300	305	310	315	321	327	333	339	344	349	354	357	360	362	360
160	300	301	303	305	307	310	313	316	320	324	328	332	336	340	343	346	348	350	347
165	312	312	313	313	314	315	316	317	318	320	322	325	327	329	330	332	333	334	333
170	321	320	320	320	320	320	320	320	320	320	321	321	321	322	322	323	323	323	323
175	327	327	326	326	325	325	325	324	324	324	323	323	323	323	323	322	322	322	323
180	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm																		
NAME: 2FT									TYPE:3500K 5.5					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:0.6*0.07					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	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377
5	373	373	373	373	374	374	374	374	374	374	374	374	374	374	375	375	375	375	375
10	366	366	366	366	366	366	366	366	367	367	367	367	368	368	368	368	369	369	369
15	355	355	356	356	356	356	356	357	357	357	358	358	358	359	359	359	359	359	359
20	341	341	341	341	341	342	342	342	343	343	343	344	344	345	345	345	346	346	346
25	323	324	324	324	324	325	325	325	326	326	327	327	328	328	328	329	329	329	329
30	305	304	304	305	305	305	305	306	306	307	307	308	308	309	310	310	311	310	310
35	282	282	282	282	282	283	283	283	284	285	285	286	286	287	288	288	289	289	288
40	257	257	258	258	258	259	259	260	260	261	261	262	262	263	263	264	264	264	264
45	230	230	230	231	231	232	233	233	234	234	235	236	236	237	237	238	238	238	238
50	202	202	203	203	204	204	205	206	207	207	208	208	209	209	210	210	211	211	211
55	172	172	173	173	174	175	176	177	177	178	179	179	180	180	181	182	182	182	182
60	142	142	142	143	144	145	145	146	147	148	149	150	150	151	152	153	153	153	153
65	111	112	112	113	114	114	115	116	117	118	119	119	120	121	121	122	122	122	122
70	81.8	82.0	82.4	83.0	83.7	84.5	85.4	86.3	87.2	88.0	88.9	89.7	90.5	91.3	92.0	92.6	93.1	93.0	92.8
75	52.8	53.1	53.5	54.1	54.8	55.7	56.6	57.6	58.4	59.3	60.1	61.0	61.8	62.5	63.2	63.8	64.4	64.2	63.9
80	25.2	25.4	25.9	26.5	27.2	28.1	29.0	30.0	30.9	31.8	32.7	33.6	34.4	35.2	35.9	36.5	37.0	36.8	36.5
85	2.51	2.48	2.59	2.83	3.19	3.64	4.18	4.80	5.52	6.28	7.07	7.85	8.62	9.36	10.0	10.6	11.2	11.0	10.8
90	0.40	0.48	0.56	0.65	0.74	0.83	0.90	0.96	0.88	0.78	0.67	0.57	0.47	0.38	0.31	0.26	0.23	0.40	0.59
95	7.15	9.60	12.1	14.6	17.0	19.3	21.2	22.9	21.7	20.2	18.5	16.6	14.7	12.9	11.3	9.90	8.90	11.0	13.5
100	35.7	38.8	42.0	45.1	48.0	50.6	52.8	54.5	51.7	48.5	44.9	41.1	37.4	33.9	30.6	27.9	25.9	29.0	32.9
105	69.3	73.0	76.7	80.3	83.7	86.6	88.9	90.5	86.0	80.8	75.2	69.5	63.8	58.4	53.5	49.5	46.4	51.0	56.5
110	107	112	117	122	126	130	133	135	128	120	112	103	94.7	86.7	79.6	73.5	68.9	75.3	83.2
115	152	157	162	167	172	175	178	179	170	160	149	138	127	117	108	100	94.3	102	111
120	204	208	211	214	216	218	218	217	206	194	182	170	157	146	136	128	121	129	139
125	263	264	264	264	262	260	257	252	240	226	212	199	186	174	163	155	148	156	166
130	311	309	306	303	299	293	287	280	267	253	239	225	212	200	190	181	175	183	192
135	343	339	335	329	323	316	308	299	286	272	259	246	234	223	214	207	202	209	218
140	361	356	351	344	337	329	320	311	299	287	275	264	254	245	237	231	226	233	241
145	369	364	358	351	343	334	326	317	307	297	287	278	270	262	256	251	248	253	260
150	365	360	355	348	341	334	326	319	311	304	296	290	284	279	274	271	269	272	277
155	356	352	347	342	336	330	324	318	313	308	303	299	296	293	290	288	287	289	291
160	345	341	338	334	329	325	320	316	313	311	308	306	305	303	302	302	302	303	304
165	332	330	328	326	324	321	319	317	316	315	315	314	314	314	313	313	314	314	314
170	322	322	321	320	320	319	319	318	318	319	319	319	320	320	321	321	322	322	322
175	323	324	324	325	326	326	327	327	327	327	327	327	327	327	327	327	327	327	327
180	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328

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:119.0V I:0.1320A P:15.50W PF:0.9800 Freq:60.00Hz Lamp Flux:2188.21x1 lm																	
NAME: 2FT									TYPE:3500K 5.5						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.6*0.07						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	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377				
5	375	375	375	375	375	375	375	375	375	375	375	375	376	376	376				
10	369	369	369	369	369	369	369	369	369	369	370	370	370	371	371				
15	359	359	359	359	359	359	359	360	360	360	360	361	361	361	362				
20	346	346	346	346	346	346	346	346	346	347	347	348	348	349	350				
25	329	329	329	329	329	330	330	330	331	331	332	332	333	334	335				
30	310	310	310	310	310	310	310	310	311	311	312	313	314	314	315				
35	288	288	288	288	288	288	288	289	289	290	291	292	293	294	295				
40	264	264	264	264	264	264	264	265	266	266	267	268	269	270	271				
45	238	238	238	238	238	238	239	239	240	241	241	242	243	244	245				
50	211	211	211	211	211	211	212	212	213	213	214	215	216	217	218				
55	182	182	182	182	182	182	182	183	183	184	185	186	187	188	189				
60	153	153	152	152	152	152	152	153	153	154	155	156	157	158	159				
65	122	122	122	122	122	122	122	122	123	123	124	125	126	127	128				
70	92.5	92.2	92.0	91.7	91.5	91.3	91.3	91.8	92.3	93.0	93.9	94.9	96.0	97.2	98.5				
75	63.5	63.2	62.8	62.5	62.2	62.0	61.9	62.3	62.9	63.6	64.4	65.4	66.5	67.8	69.2				
80	36.1	35.7	35.2	34.8	34.5	34.2	34.0	34.3	34.8	35.5	36.2	37.1	38.2	39.3	40.6				
85	10.5	10.1	9.79	9.46	9.16	8.92	8.76	9.03	9.41	9.90	10.5	11.2	12.0	12.9	14.0				
90	0.81	1.03	1.27	1.50	1.73	1.95	2.15	2.24	2.31	2.35	2.37	2.36	2.33	2.28	2.20				
95	16.3	19.2	22.2	25.1	27.9	30.5	32.7	33.2	33.2	32.8	31.9	30.6	28.9	26.7	24.1				
100	37.2	41.9	46.8	51.8	56.6	61.1	65.2	66.6	67.3	67.5	67.0	66.0	64.4	62.1	59.3				
105	62.9	69.8	77.0	84.2	91.3	98.0	104	106	107	107	107	105	103	99.4	95.2				
110	92.2	102	112	123	133	142	151	154	155	156	155	152	149	144	138				
115	122	134	147	160	172	184	196	200	202	204	203	202	199	194	189				
120	150	163	177	191	205	219	232	238	243	247	250	251	252	251	249				
125	178	191	205	220	236	251	266	274	281	287	292	297	300	302	304				
130	204	218	232	248	263	279	295	304	313	320	327	333	339	343	347				
135	229	242	256	271	286	302	317	326	335	344	352	359	366	372	377				
140	251	262	274	287	300	314	327	336	345	353	360	367	374	380	386				
145	267	276	286	297	308	319	331	339	347	355	362	370	377	384	391				
150	283	289	297	305	313	322	331	338	345	352	359	366	373	381	388				
155	294	298	302	307	312	318	324	329	335	341	347	353	359	366	373				
160	306	308	310	313	316	319	322	326	329	333	337	341	346	350	355				
165	314	315	316	316	317	318	320	321	323	325	327	329	332	334	337				
170	322	322	321	321	321	322	322	322	322	323	324	324	325	326	327				
175	327	326	326	326	326	326	326	326	326	326	326	326	326	326	327				
180	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328				

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: