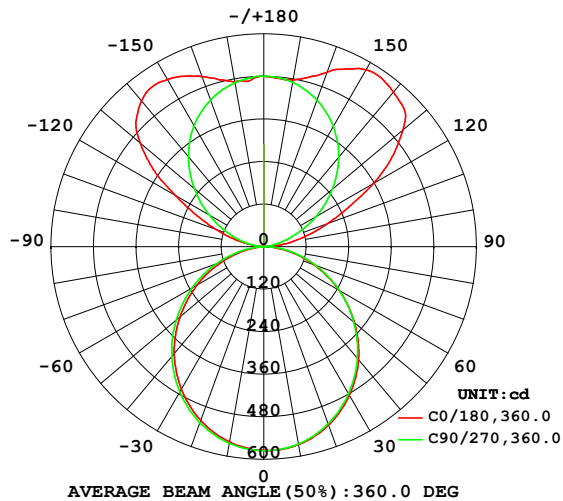


LUMINAIRE PHOTOMETRIC TEST REPORT

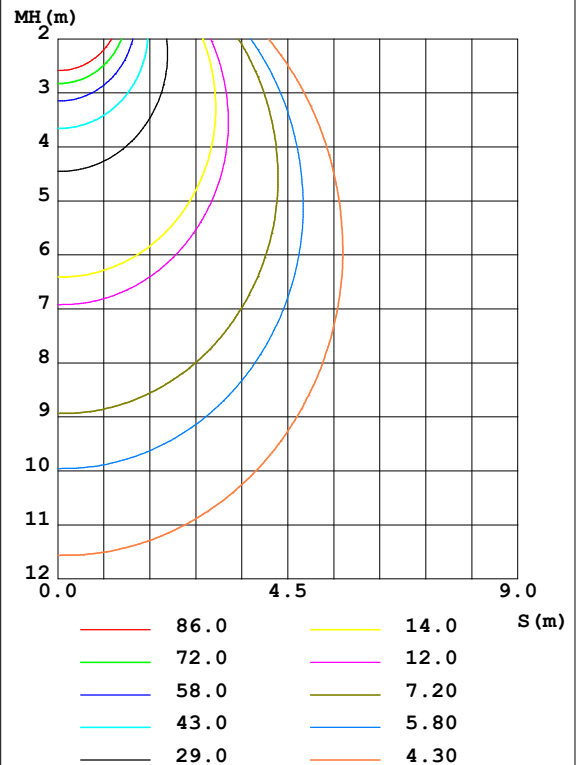
Test:U:119.0V I:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.99 lm/W			
MODEL		I _{max} (cd)	580.5	S/MH(C0/180)	1.25
NOMINAL POWER(W)	25W	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	3263.5	η UP,DN(C0-180)	25.5,24.6
NOMINAL FLUX(lm)	3263.46	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	26.3,23.5
LAMPS INSIDE	1	η up(%)	51.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	48.2	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:

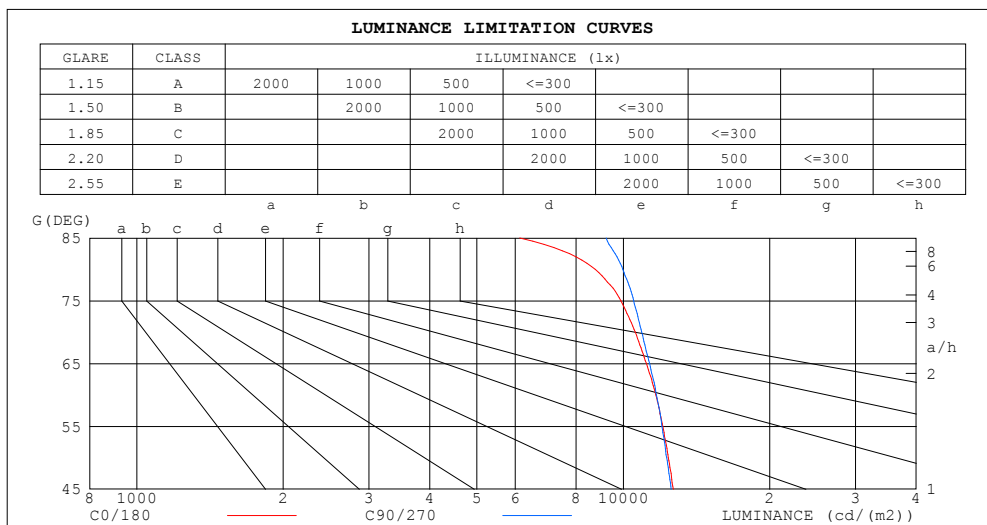
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	566.9	566.3	565.2	564.3	558.8	560.2	563.2	563.1	0- 10	54.35	54.35	1.67,1.67
20	535.5	534.8	531.8	530.8	521.3	523.1	528.4	528.5	10- 20	154.8	209.2	6.41,6.41
30	483.4	483.7	478.7	477.8	465.1	467.2	473.6	473.6	20- 30	232.3	441.5	13.5,13.5
40	416.0	416.6	410.5	409.5	393.7	396.0	403.5	403.9	30- 40	276.6	718.1	22,22
50	334.1	338.6	331.4	331.0	308.4	314.2	322.6	323.2	40- 50	283.0	1001	30.7,30.7
60	244.9	250.4	245.8	242.9	217.5	223.4	233.8	232.3	50- 60	251.7	1253	38.4,38.4
70	152.0	159.1	156.8	151.8	125.0	132.0	142.9	139.3	60- 70	188.5	1441	44.2,44.2
80	63.89	70.35	72.82	64.18	38.82	46.41	56.49	51.91	70- 80	106.0	1547	47.4,47.4
90	3.153	3.030	1.277	1.877	0.4816	2.252	0.3984	3.198	80- 90	24.88	1572	48.2,48.2
100	80.84	73.90	24.24	59.27	43.78	80.50	38.02	95.10	90-100	27.62	1600	49,49
110	191.4	185.6	86.85	171.7	144.3	200.4	100.4	221.7	100-110	116.2	1716	52.6,52.6
120	357.4	315.6	171.3	299.2	286.0	318.0	176.8	337.4	110-120	222.0	1938	59.4,59.4
130	512.9	419.8	252.5	402.7	455.1	411.2	256.0	429.4	120-130	303.9	2242	68.7,68.7
140	569.0	481.6	328.8	456.6	537.0	455.2	330.7	477.5	130-140	330.1	2572	78.8,78.8
150	576.1	492.0	392.7	472.4	544.5	466.7	393.8	480.2	140-150	293.2	2865	87.8,87.8
160	523.7	477.1	439.7	467.1	510.4	460.6	440.2	467.3	150-160	219.7	3085	94.5,94.5
170	477.4	471.6	470.6	467.3	472.1	464.6	469.6	468.9	160-170	133.2	3218	98.6,98.6
180	479.4	479.4	479.4	479.4	479.4	479.4	479.4	479.4	170-180	45.22	3263	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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 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	6122	9225
80	8760	9984
75	9887	10504
70	10582	10915
65	11153	11327
60	11662	11704
55	12056	12003
50	12377	12274
45	12679	12543

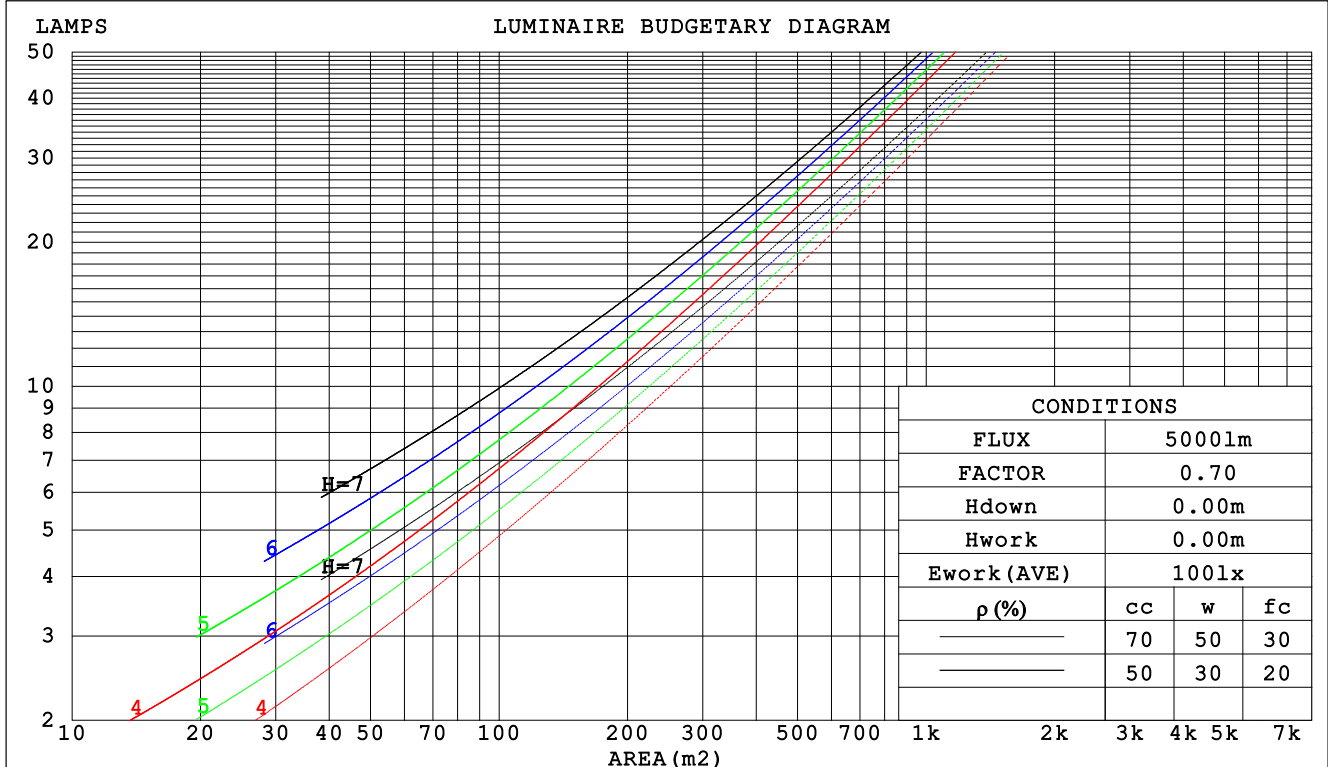
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 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	1.07	1.07	1.07	.98	.98	.98	.82	.82	.82	.68	.68	.68	.54	.54	.54	.48
1.0	.93	.89	.86	.86	.82	.79	.72	.70	.68	.60	.58	.56	.48	.47	.46	.40
2.0	.81	.75	.70	.75	.70	.65	.63	.59	.56	.52	.49	.47	.42	.40	.39	.34
3.0	.71	.64	.58	.66	.59	.54	.56	.51	.47	.46	.43	.40	.37	.35	.33	.28
4.0	.63	.55	.49	.58	.51	.46	.49	.44	.40	.41	.37	.34	.33	.30	.28	.24
5.0	.56	.48	.42	.52	.45	.39	.44	.38	.34	.37	.33	.29	.30	.27	.24	.21
6.0	.50	.42	.36	.47	.39	.34	.40	.34	.30	.33	.29	.26	.27	.24	.21	.18
7.0	.45	.37	.32	.42	.35	.30	.36	.30	.26	.30	.26	.23	.25	.21	.19	.16
8.0	.41	.33	.28	.38	.31	.26	.33	.27	.23	.28	.23	.20	.23	.19	.17	.15
9.0	.37	.30	.25	.35	.28	.23	.30	.25	.21	.25	.21	.18	.21	.18	.15	.13
10.0	.34	.27	.22	.32	.25	.21	.28	.22	.19	.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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm					
NAME: 2FT			TYPE:3000K 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	.280	.159	.050	.257	.147	.047	.215	.123	.039	.176	.101	.033	.140	.081	.026		
2.0	.261	.143	.044	.240	.132	.041	.202	.112	.035	.166	.093	.029	.133	.075	.024		
3.0	.242	.129	.039	.223	.119	.036	.187	.102	.031	.155	.085	.026	.124	.069	.021		
4.0	.224	.116	.034	.206	.108	.032	.174	.092	.028	.144	.077	.023	.116	.063	.019		
5.0	.207	.106	.031	.192	.098	.029	.162	.084	.025	.134	.071	.021	.108	.058	.017		
6.0	.193	.097	.028	.178	.090	.026	.151	.077	.022	.125	.065	.019	.101	.053	.016		
7.0	.180	.089	.025	.166	.083	.024	.141	.071	.020	.117	.060	.017	.094	.049	.014		
8.0	.168	.082	.023	.156	.077	.022	.132	.066	.019	.110	.056	.016	.088	.045	.013		
9.0	.158	.076	.021	.146	.071	.020	.124	.061	.017	.103	.052	.015	.083	.042	.012		
10.0	.149	.071	.020	.138	.067	.019	.117	.057	.016	.097	.048	.014	.079	.040	.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	.585	.585	.585	.500	.500	.500	.341	.341	.341	.196	.196	.196	.063	.063	.063	
1.0	.576	.555	.535	.493	.476	.460	.337	.327	.318	.194	.189	.185	.062	.061	.060	
2.0	.569	.533	.502	.487	.459	.434	.334	.317	.303	.193	.185	.178	.062	.060	.058	
3.0	.562	.517	.481	.482	.446	.417	.331	.310	.293	.191	.181	.172	.061	.059	.056	
4.0	.555	.505	.467	.476	.436	.406	.328	.304	.286	.190	.178	.169	.061	.058	.056	
5.0	.549	.496	.457	.471	.429	.397	.325	.300	.281	.188	.176	.166	.061	.057	.055	
6.0	.543	.488	.449	.466	.423	.391	.322	.296	.277	.187	.174	.165	.060	.057	.054	
7.0	.537	.482	.444	.462	.418	.387	.319	.293	.274	.185	.173	.163	.060	.057	.054	
8.0	.531	.477	.440	.457	.414	.384	.316	.291	.272	.184	.171	.162	.060	.056	.054	
9.0	.526	.473	.437	.453	.410	.381	.314	.288	.271	.183	.170	.161	.059	.056	.053	
10.0	.521	.469	.434	.449	.407	.379	.311	.286	.269	.182	.169	.161	.059	.056	.053	

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm										
NAME: 2FT					TYPE:3000K 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	18.3	19.2	19.1	20.1	21.2	18.2	19.2	19.1	20.0	21.2
3H	19.6	20.5	20.5	21.4	22.5	19.7	20.5	20.6	21.4	22.6
4H	20.2	21.0	21.1	21.9	23.1	20.3	21.1	21.2	22.0	23.1
6H	20.6	21.3	21.5	22.2	23.4	20.7	21.4	21.7	22.4	23.6
8H	20.6	21.3	21.6	22.3	23.5	20.9	21.6	21.8	22.5	23.7
12H	20.7	21.3	21.6	22.3	23.5	20.9	21.6	21.9	22.5	23.8
4H 2H	18.7	19.5	19.6	20.4	21.6	18.7	19.5	19.6	20.4	21.6
3H	20.3	20.9	21.2	21.9	23.1	20.3	21.0	21.3	21.9	23.1
4H	20.9	21.5	21.9	22.5	23.7	21.0	21.6	22.0	22.6	23.8
6H	21.4	21.9	22.4	22.9	24.2	21.6	22.1	22.6	23.1	24.3
8H	21.5	22.0	22.5	23.0	24.3	21.8	22.2	22.8	23.2	24.5
12H	21.6	22.0	22.6	23.0	24.3	21.9	22.3	22.9	23.3	24.6
8H 4H	21.1	21.6	22.1	22.5	23.8	21.2	21.6	22.2	22.6	23.9
6H	21.7	22.1	22.7	23.1	24.4	21.9	22.3	22.9	23.3	24.6
8H	21.9	22.2	22.9	23.3	24.6	22.2	22.5	23.2	23.5	24.9
12H	22.0	22.3	23.1	23.3	24.7	22.4	22.7	23.4	23.7	25.0
12H 4H	21.1	21.5	22.1	22.5	23.8	21.1	21.6	22.1	22.6	23.9
6H	21.7	22.1	22.8	23.1	24.4	21.9	22.2	22.9	23.2	24.6
8H	22.0	22.3	23.0	23.3	24.7	22.2	22.5	23.3	23.5	24.9
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 3263 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.1)

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

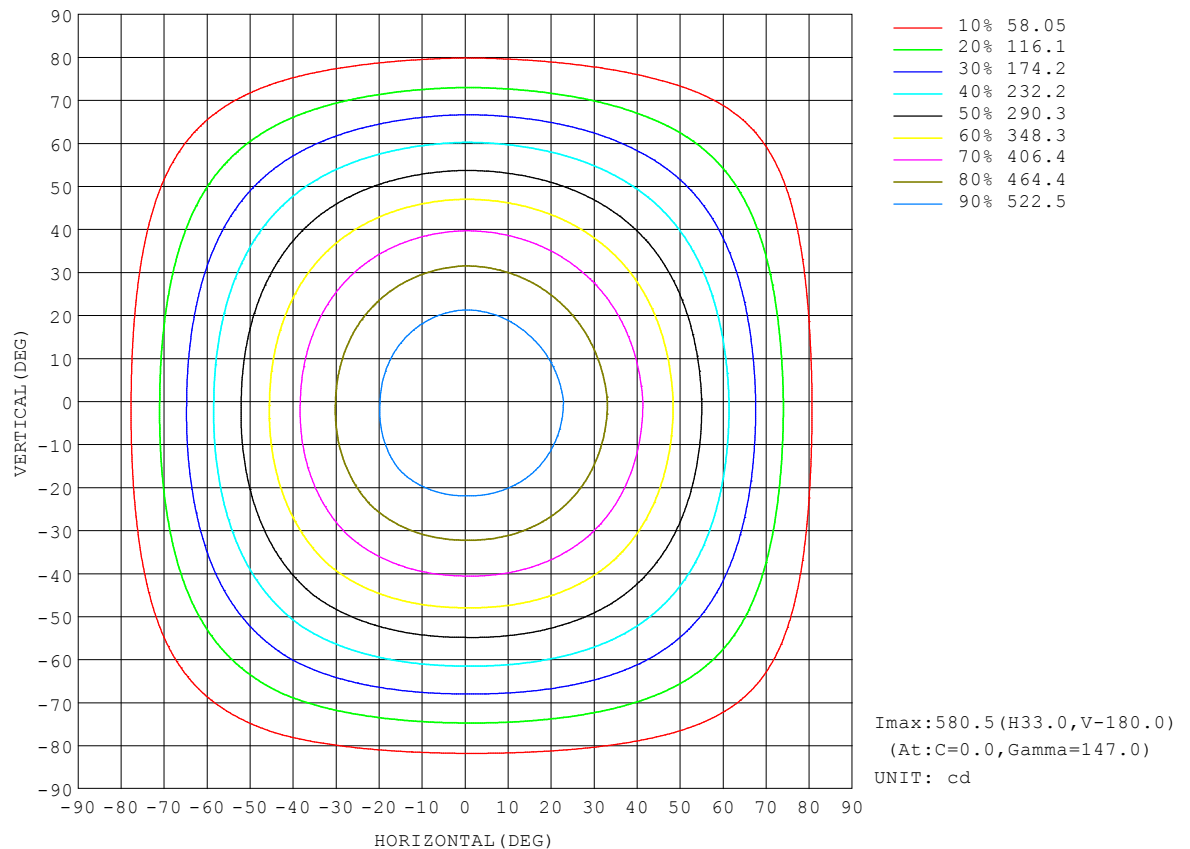
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	33	26	41	31	25	37	28	24	16
0.80	53	42	35	50	39	33	44	35	30	20
1.00	61	49	42	57	47	40	49	43	36	24
1.25	68	57	49	63	53	47	54	47	42	28
1.50	73	62	55	68	59	52	58	51	46	30
2.00	80	71	64	74	66	60	63	57	53	34
2.50	84	76	69	78	71	65	66	61	57	36
3.00	88	80	74	81	75	70	69	64	60	38
4.00	92	86	81	85	80	75	72	68	65	40
5.00	95	90	85	88	83	79	74	71	68	42
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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

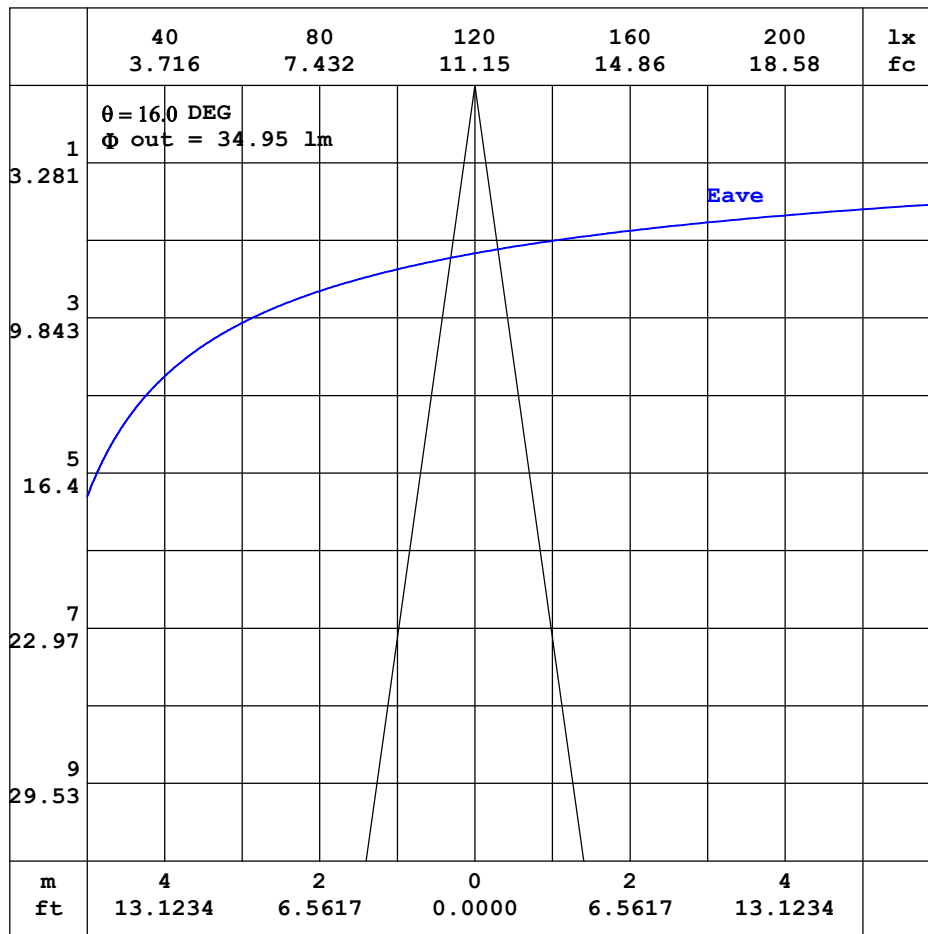


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:



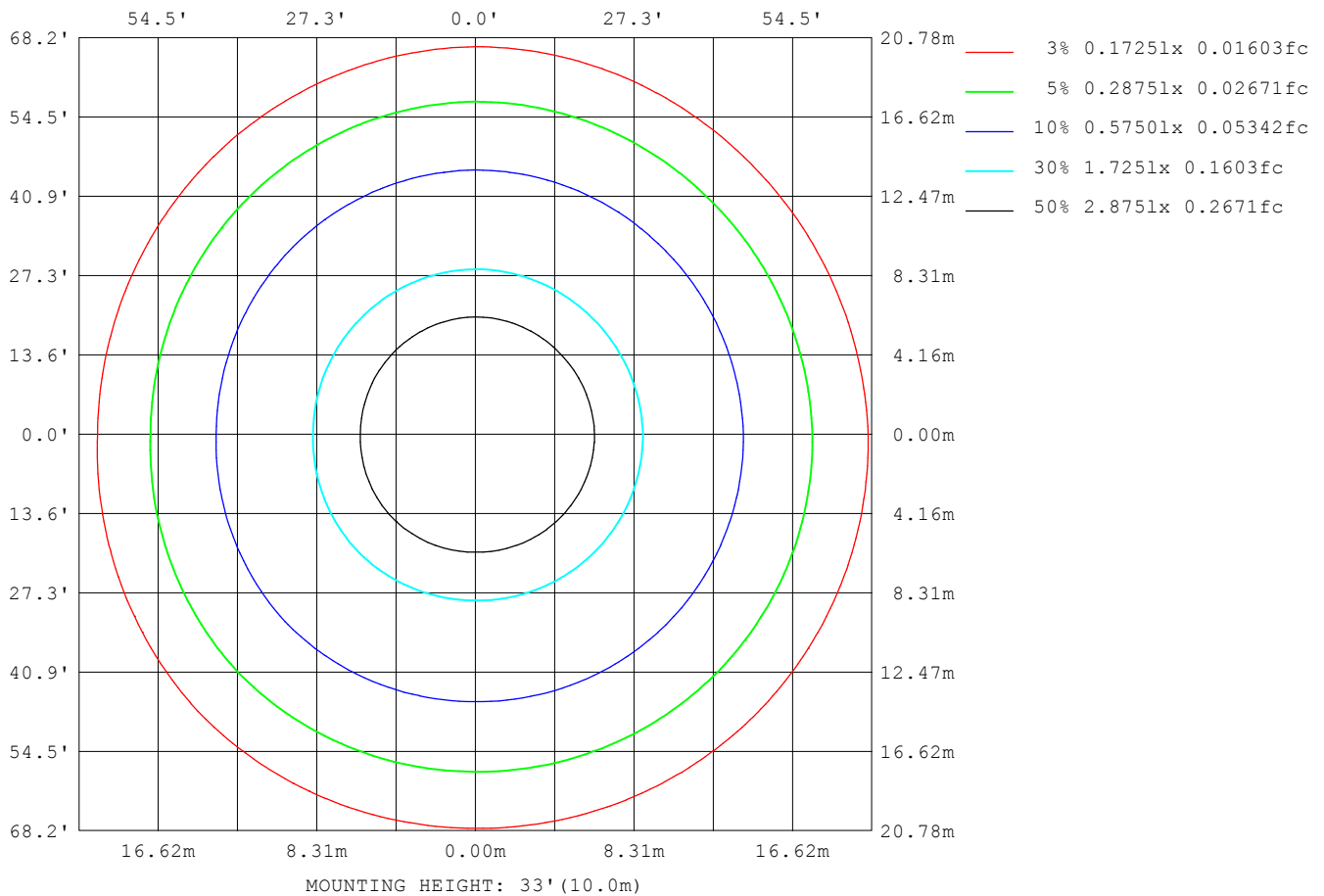
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

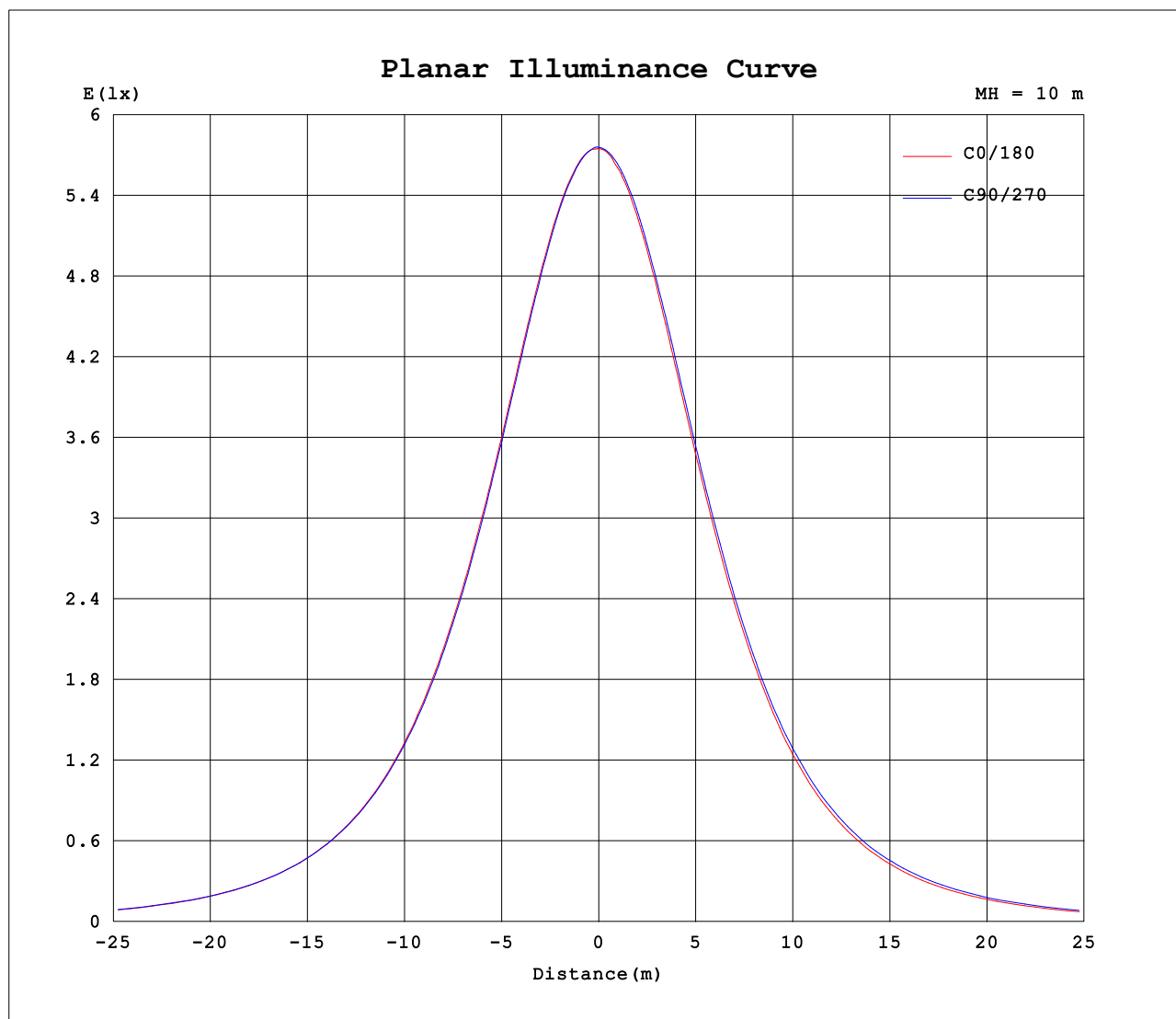
AvgL	cd/m2
L_0~180 (65) av	10418
L_0~180 (75) av	8671
L_0~180 (85) av	3703
L_90~270 (65) av	10982
L_90~270 (75) av	9778
L_90~270 (85) av	6959
L_45 (65) av	10782
L_45 (75) av	9243
L_45 (85) av	5197

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 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	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	576	576	576	576
5	574	574	574	574	574	574	574	574	574	574	574	574	574	573	573	573	573	573	573
10	567	567	567	567	567	567	567	566	566	566	566	566	566	566	566	566	565	565	565
15	554	554	554	554	554	554	554	554	553	553	553	553	553	552	552	552	552	551	551
20	535	535	535	535	535	535	535	535	535	535	534	534	534	533	533	533	532	532	532
25	512	512	512	512	512	512	512	512	512	512	511	511	510	510	509	509	508	508	508
30	483	484	484	484	484	484	484	484	484	484	483	483	482	482	481	480	480	479	479
35	452	452	452	452	452	452	452	452	452	452	451	450	450	449	449	448	447	447	446
40	416	416	417	417	417	417	417	417	417	417	416	415	415	414	413	413	412	411	411
45	377	377	378	378	379	379	379	379	379	379	378	378	377	376	375	375	374	373	373
50	334	335	336	337	338	338	338	339	339	339	338	337	337	336	335	334	333	332	331
55	290	292	293	293	294	295	295	295	296	296	295	295	294	293	292	292	291	290	289
60	245	246	247	248	249	249	250	250	250	250	250	250	249	249	248	248	247	246	246
65	198	199	200	201	202	203	204	204	205	205	205	205	204	204	203	203	202	202	201
70	152	153	154	155	156	157	158	158	159	159	159	159	159	159	159	158	158	157	157
75	107	108	109	110	111	111	112	113	113	113	114	114	114	115	115	115	115	114	114
80	63.9	64.8	65.7	66.5	67.3	68.0	68.6	69.3	69.8	70.3	70.9	71.5	72.0	72.4	72.7	72.9	73.0	73.0	72.8
85	22.4	23.4	24.4	25.3	26.2	27.0	27.8	28.6	29.3	29.9	30.7	31.4	32.1	32.6	33.1	33.5	33.7	33.8	33.8
90	3.15	3.22	3.27	3.29	3.30	3.29	3.25	3.20	3.12	3.03	2.84	2.64	2.43	2.22	2.00	1.80	1.60	1.43	1.28
95	31.3	31.2	31.1	30.7	30.2	29.5	28.7	27.6	26.4	25.1	22.8	20.5	18.0	15.6	13.2	10.9	8.82	6.92	5.29
100	80.8	82.2	83.0	83.3	83.0	82.3	81.0	79.1	76.8	73.9	68.2	62.1	55.8	49.5	43.4	37.7	32.4	27.9	24.2
105	132	133	135	135	135	133	132	129	126	122	114	105	96.2	87.4	78.8	70.8	63.6	57.5	52.6
110	191	195	198	200	200	200	198	195	191	186	174	162	149	137	125	113	103	93.8	86.8
115	265	270	273	275	275	274	272	268	262	255	240	224	208	192	176	161	148	137	128
120	357	358	357	355	351	347	341	334	325	316	298	279	260	242	224	208	193	181	171
125	443	439	434	428	420	412	403	393	382	369	349	328	307	287	268	250	235	222	212
130	513	506	499	490	481	470	459	447	434	420	398	375	353	331	311	292	276	263	253
135	556	549	541	532	522	511	499	486	473	459	437	414	392	370	350	331	315	302	292
140	569	563	555	547	538	529	518	507	495	482	462	441	421	401	383	366	351	338	329
145	580	572	563	554	545	535	524	513	502	490	473	455	438	422	407	393	380	370	363
150	576	567	559	550	541	531	522	512	502	492	478	464	451	438	426	415	406	398	393
155	553	546	538	530	522	514	507	499	492	484	474	465	456	447	439	432	426	422	418
160	524	518	513	507	502	497	492	487	482	477	471	466	461	456	452	448	444	442	440
165	495	492	489	486	483	481	478	476	473	471	469	467	465	463	461	460	459	458	457
170	477	477	476	475	474	474	473	472	472	472	471	471	471	471	471	471	471	471	471
175	477	477	476	476	476	476	476	476	476	476	477	477	477	477	478	478	478	479	479
180	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 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	576	576	576	576	576	576	576	576	576	576	576	576	576	575	575	575	575	575	575
5	573	573	573	573	573	573	573	573	573	572	572	571	571	571	570	570	570	569	569
10	565	565	565	565	565	565	565	565	564	564	563	562	562	561	560	560	559	559	559
15	551	551	551	551	551	551	551	550	550	549	549	548	547	546	545	544	544	543	543
20	532	532	532	532	532	532	531	531	531	530	529	528	526	525	524	523	522	521	521
25	508	508	508	508	508	507	507	507	507	505	504	503	501	500	499	497	496	495	495
30	479	479	479	479	479	479	478	478	478	477	475	474	472	471	469	468	466	465	465
35	446	446	446	446	446	446	446	446	445	444	442	440	439	437	435	434	432	431	430
40	411	411	411	411	411	411	410	410	410	408	406	404	402	400	399	397	395	394	393
45	373	373	373	373	373	373	373	372	372	370	368	365	363	360	358	356	354	352	352
50	332	332	332	332	332	332	332	332	331	329	326	323	321	318	315	313	310	308	308
55	289	289	290	290	290	290	289	289	288	285	283	280	277	274	271	268	266	263	263
60	246	246	246	246	245	245	245	244	243	240	237	234	231	228	225	222	220	217	217
65	201	201	201	201	200	200	199	199	198	195	192	189	186	183	180	177	174	172	171
70	157	157	156	156	156	155	154	153	152	149	146	143	139	136	133	130	127	125	125
75	114	114	113	112	112	111	109	108	107	104	101	97.6	94.5	91.4	88.4	85.7	83.2	81.0	80.7
80	72.5	72.1	71.4	70.7	69.7	68.6	67.3	65.9	64.2	61.3	58.2	55.1	52.0	49.0	46.1	43.4	40.9	38.8	38.6
85	33.4	32.8	32.1	31.2	30.2	29.1	27.8	26.3	24.7	22.4	20.0	17.6	15.1	12.8	10.5	8.34	6.40	4.70	4.25
90	1.31	1.36	1.43	1.51	1.60	1.68	1.76	1.83	1.88	1.73	1.56	1.38	1.20	1.02	0.85	0.70	0.57	0.48	0.65
95	5.45	5.88	6.52	7.32	8.22	9.16	10.1	11.0	11.7	10.6	9.42	8.18	6.98	5.89	4.99	4.33	4.00	4.07	7.19
100	26.4	29.5	33.2	37.4	41.9	46.5	51.1	55.4	59.3	58.2	56.6	54.6	52.5	50.3	48.2	46.3	44.8	43.8	47.7
105	56.4	61.5	67.6	74.4	81.7	89.1	96.5	103	110	109	107	105	103	100	97.4	94.9	92.7	91.2	95.9
110	92.6	100	109	119	130	141	152	162	172	171	168	165	162	158	154	150	147	144	151
115	136	146	158	172	187	202	216	230	243	242	239	236	231	227	221	216	212	208	215
120	180	191	204	219	235	252	268	284	299	301	302	301	300	297	295	292	289	286	291
125	221	232	247	263	281	299	318	337	355	362	368	372	376	379	380	381	382	381	384
130	261	273	288	305	323	343	363	383	403	413	423	431	438	444	448	452	454	455	455
135	299	310	324	340	357	376	396	416	435	448	460	471	481	489	496	502	506	508	506
140	335	344	356	370	386	403	421	439	457	470	483	494	505	514	523	529	534	537	534
145	368	375	385	396	409	423	438	453	468	481	494	506	516	526	535	542	547	550	546
150	396	401	409	417	427	437	449	461	472	483	494	504	514	523	530	536	541	545	540
155	420	424	428	434	440	447	455	463	471	480	489	497	505	512	518	524	528	530	527
160	440	442	444	447	450	454	458	462	467	473	479	485	491	496	501	505	508	510	507
165	457	457	457	458	459	460	461	463	464	467	470	473	476	479	482	484	486	487	486
170	470	470	469	469	468	468	468	467	467	468	468	469	470	470	471	471	472	472	471
175	478	478	478	477	476	476	475	475	474	473	472	472	471	471	470	470	470	470	470
180	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm		
NAME: 2FT	TYPE:3000K 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	575	575	575	575	575	575	575	575	575	575	575	575	575	576	576	576	576	576	576
5	569	569	569	570	570	570	570	570	570	571	571	571	571	572	572	572	572	572	572
10	559	559	559	559	559	560	560	560	560	561	561	562	562	562	563	563	563	563	563
15	543	543	543	543	543	543	544	544	545	545	545	546	546	547	547	548	548	548	548
20	521	521	521	521	522	522	523	523	524	524	525	526	526	527	527	528	528	528	528
25	495	495	495	495	496	496	497	497	498	498	499	500	501	501	502	502	503	503	503
30	465	465	465	465	466	466	467	467	468	469	469	470	471	472	472	473	474	474	474
35	430	430	430	431	431	432	432	433	434	435	435	436	437	438	439	439	440	440	440
40	393	393	393	394	394	395	395	396	397	398	399	399	400	401	402	403	404	404	404
45	352	352	352	353	354	355	356	357	358	359	359	360	361	362	363	364	364	364	364
50	308	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	323	323
55	263	263	264	265	266	267	268	269	271	272	273	274	275	276	277	278	278	278	278
60	217	217	218	219	220	221	222	223	225	226	227	228	230	231	232	233	234	234	234
65	171	172	172	173	174	175	176	177	179	180	182	183	184	186	187	188	189	189	188
70	125	125	126	127	128	129	130	132	133	135	136	137	139	140	141	142	143	143	142
75	80.7	81.1	81.7	82.6	83.7	85.0	86.3	87.8	89.1	90.5	91.8	93.1	94.4	95.6	96.7	97.6	98.4	98.1	97.6
80	38.7	39.2	39.9	40.9	42.1	43.4	44.9	46.4	47.7	49.0	50.3	51.6	52.8	53.9	54.9	55.8	56.5	56.1	55.6
85	4.07	4.12	4.40	4.86	5.49	6.27	7.16	8.15	9.21	10.3	11.4	12.6	13.7	14.7	15.6	16.5	17.2	16.9	16.5
90	0.84	1.06	1.28	1.51	1.73	1.93	2.11	2.25	2.07	1.86	1.63	1.38	1.14	0.91	0.70	0.53	0.40	0.62	0.88
95	10.6	14.3	18.1	21.9	25.5	28.9	31.8	34.3	32.5	30.3	27.7	24.9	22.1	19.3	16.9	14.8	13.2	16.3	19.9
100	52.1	56.7	61.5	66.1	70.6	74.6	77.9	80.5	76.4	71.6	66.3	60.8	55.2	49.9	45.1	41.1	38.0	42.6	48.1
105	101	107	112	118	123	127	131	133	126	119	110	102	93.3	85.3	78.1	72.1	67.6	74.4	82.7
110	158	166	173	180	187	193	197	200	190	178	166	153	140	128	117	107	100	110	121
115	222	230	238	245	252	257	261	263	250	235	219	203	187	172	158	146	138	149	163
120	297	302	308	312	316	318	319	318	302	285	267	248	231	214	199	186	177	188	202
125	386	387	387	386	384	381	376	370	352	332	312	292	273	255	239	227	217	228	242
130	454	452	448	444	437	430	421	411	391	371	350	330	311	293	278	265	256	267	281
135	503	498	491	483	474	463	452	439	420	400	380	361	343	327	313	302	294	304	318
140	529	522	514	504	493	481	469	455	438	420	403	386	371	358	346	337	331	340	351
145	540	533	523	513	502	490	477	464	449	435	421	408	395	385	376	369	364	371	380
150	535	528	519	510	500	489	478	467	456	445	434	424	416	408	402	397	394	398	405
155	521	515	507	499	491	482	473	464	456	449	442	436	431	427	423	420	419	421	424
160	503	498	492	486	480	473	467	461	457	453	450	447	444	443	441	440	440	441	443
165	483	481	478	474	471	468	464	461	460	459	458	457	457	457	457	457	457	457	458
170	471	470	469	468	467	466	465	465	465	465	466	466	467	468	468	469	470	470	469
175	471	472	473	474	475	476	477	478	478	478	479	478	478	478	478	478	477	477	477
180	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479

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:0.2140A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3263.46x1 lm																	
NAME: 2FT									TYPE:3000K 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	576	576	576	576	576	576	576	576	576	576	576	576	575	575	575				
5	572	573	573	573	573	573	573	573	573	573	573	573	574	574	574				
10	563	563	563	563	563	563	563	563	564	564	564	565	565	566	566				
15	548	548	548	548	548	548	548	549	549	549	550	551	551	552	553				
20	528	528	528	528	528	528	528	529	529	530	531	532	532	533	534				
25	503	503	503	503	503	503	503	503	504	505	506	507	508	509	510				
30	473	473	473	473	473	473	474	474	475	476	477	478	479	480	482				
35	440	440	440	440	440	440	441	441	442	443	444	446	447	449	450				
40	404	403	403	403	403	404	404	405	406	407	408	409	411	412	414				
45	364	364	364	364	364	364	365	365	366	367	369	370	371	373	375				
50	323	323	323	323	323	323	323	324	325	326	327	328	329	331	332				
55	278	278	278	278	278	278	278	279	280	281	282	283	285	287	288				
60	233	233	233	232	232	232	232	233	234	235	236	238	239	241	243				
65	188	187	187	186	186	186	186	186	187	188	189	191	192	194	196				
70	142	141	141	140	140	139	139	140	141	142	143	144	146	148	150				
75	97.0	96.4	95.8	95.2	94.7	94.3	94.1	94.7	95.5	96.6	97.9	99.3	101	103	105				
80	55.1	54.4	53.8	53.1	52.6	52.2	51.9	52.4	53.1	54.1	55.2	56.5	58.1	59.8	61.7				
85	16.0	15.5	14.9	14.4	13.9	13.5	13.3	13.7	14.2	14.9	15.7	16.7	17.9	19.3	20.8				
90	1.18	1.51	1.86	2.21	2.56	2.89	3.20	3.33	3.43	3.50	3.53	3.52	3.48	3.41	3.30				
95	23.9	28.1	32.4	36.7	40.8	44.6	47.9	48.6	48.6	48.0	46.8	45.0	42.5	39.4	35.6				
100	54.4	61.3	68.4	75.6	82.6	89.2	95.1	97.0	98.1	98.3	97.6	96.0	93.5	90.2	85.9				
105	92.3	103	113	124	135	145	154	157	158	158	157	155	151	146	139				
110	135	149	164	180	195	209	222	226	228	228	227	224	218	211	202				
115	179	196	215	233	252	270	286	292	296	298	298	295	291	284	276				
120	219	237	257	278	298	318	337	347	354	360	364	366	366	365	362				
125	259	279	300	322	344	366	387	399	409	418	426	432	437	440	442				
130	298	317	339	361	384	407	429	443	456	467	478	487	495	502	508				
135	334	353	373	395	417	439	461	475	489	501	512	523	533	542	549				
140	366	382	400	419	438	458	478	490	503	514	525	535	545	553	562				
145	391	404	418	433	449	466	482	494	506	517	528	539	550	560	570				
150	412	421	432	443	455	467	480	490	501	511	522	532	543	554	565				
155	429	434	440	447	454	462	471	479	487	495	504	513	522	532	543				
160	445	447	451	454	458	463	467	472	477	483	489	495	502	509	516				
165	458	459	459	460	462	463	465	467	470	473	476	479	483	487	491				
170	469	469	469	469	469	469	469	469	470	471	472	472	474	475	476				
175	477	476	476	476	476	476	476	476	476	476	476	476	476	476	477				
180	479	479	479	479	479	479	479	479	479	479	479	479	479	479	479				

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: