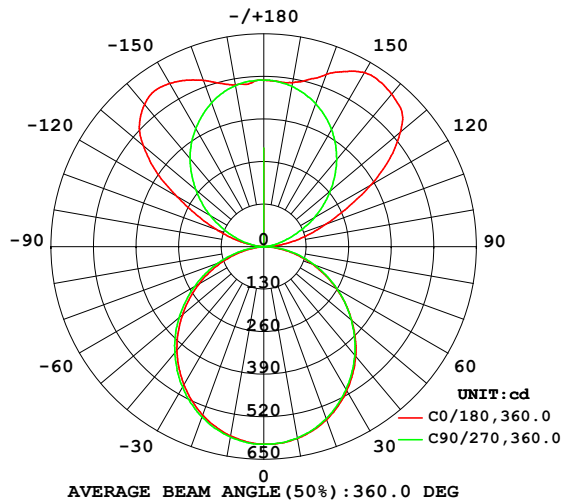


LUMINAIRE PHOTOMETRIC TEST REPORT

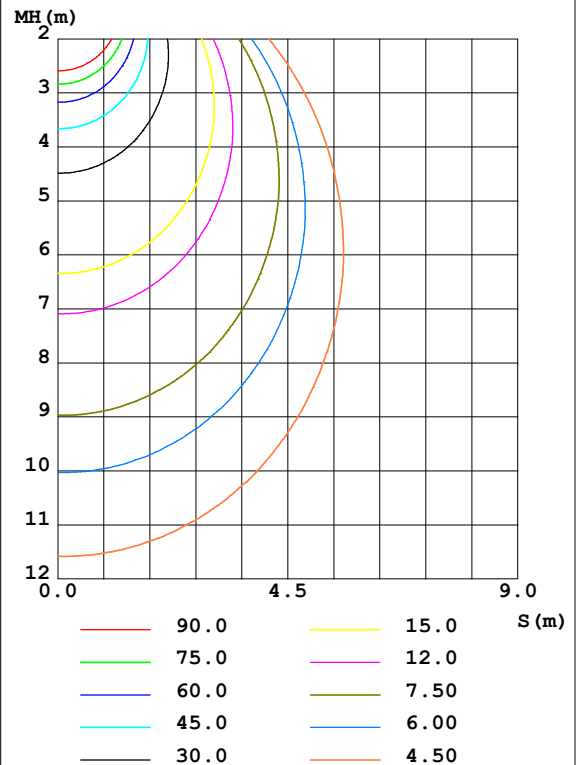
Test:U:119.0V I:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.11 lm/W			
MODEL		I _{max} (cd)	618.3	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)	3443.6	η UP,DN(C0-180)	25.6,24.6
NOMINAL FLUX(lm)	3443.65	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	26.4,23.4
LAMPS INSIDE	1	η up(%)	52.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	48.0	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:

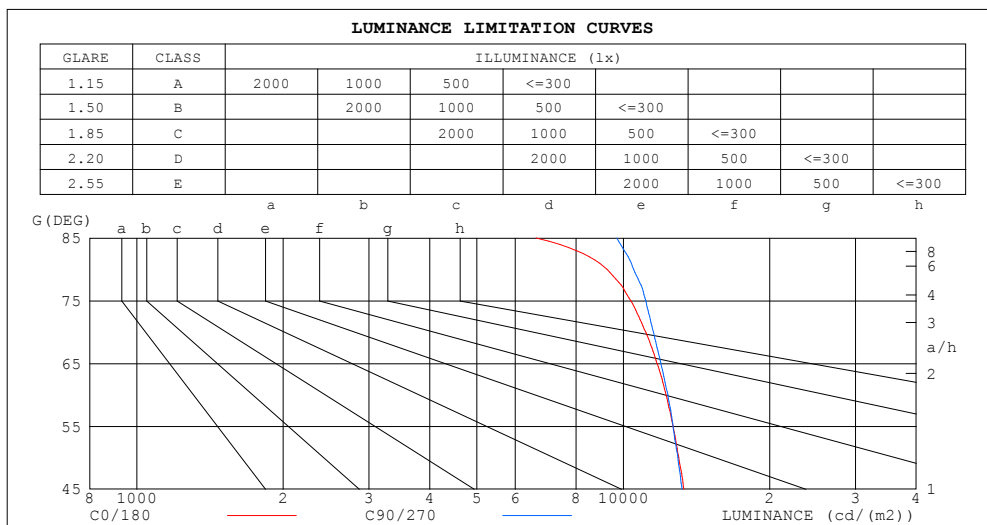
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	595.3	595.1	593.7	592.6	586.8	587.7	590.9	590.6	0- 10	57.05	57.05	1.66,1.66
20	562.8	561.5	558.9	557.4	547.2	548.4	554.0	554.5	10- 20	162.5	219.6	6.38,6.38
30	507.6	508.3	503.6	502.4	488.2	489.8	496.0	496.8	20- 30	243.9	463.5	13.5,13.5
40	437.1	438.5	432.9	431.1	413.8	415.5	423.5	423.7	30- 40	290.5	754.0	21.9,21.9
50	351.0	356.2	349.8	348.5	324.0	329.7	337.6	338.7	40- 50	297.4	1051	30.5,30.5
60	257.1	264.1	259.4	255.7	228.9	234.4	244.8	243.4	50- 60	264.4	1316	38.2,38.2
70	159.8	167.9	165.6	160.3	131.4	138.3	150.0	145.7	60- 70	198.2	1514	44,44
80	67.55	74.25	76.60	67.78	40.64	48.63	59.04	54.25	70- 80	111.5	1626	47.2,47.2
90	3.277	3.204	1.320	1.993	0.5059	2.242	0.4078	3.345	80- 90	26.19	1652	48,48
100	86.28	78.52	25.33	62.39	47.12	85.15	40.21	101.1	90-100	29.26	1681	48.8,48.8
110	203.6	195.1	91.11	180.5	154.5	210.7	106.7	234.0	100-110	123.2	1804	52.4,52.4
120	379.4	334.0	179.5	314.4	304.9	335.5	188.0	359.4	110-120	234.5	2039	59.2,59.2
130	544.9	444.8	265.4	423.0	480.3	433.5	271.4	457.1	120-130	321.8	2360	68.5,68.5
140	608.2	512.3	346.8	480.9	566.8	480.0	350.8	508.5	130-140	349.3	2710	78.7,78.7
150	614.2	523.7	414.3	498.8	576.1	494.5	416.4	514.4	140-150	310.8	3021	87.7,87.7
160	559.6	507.6	465.1	494.3	540.7	490.9	467.9	500.7	150-160	233.4	3254	94.5,94.5
170	508.9	501.4	497.5	495.6	502.1	495.7	499.6	500.3	160-170	141.7	3396	98.6,98.6
180	507.5	507.5	507.5	507.5	507.5	507.5	507.5	507.5	170-180	48.03	3444	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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 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	6618	9701
80	9262	10504
75	10366	11120
70	11122	11530
65	11742	11944
60	12244	12351
55	12662	12652
50	13001	12956
45	13328	13208

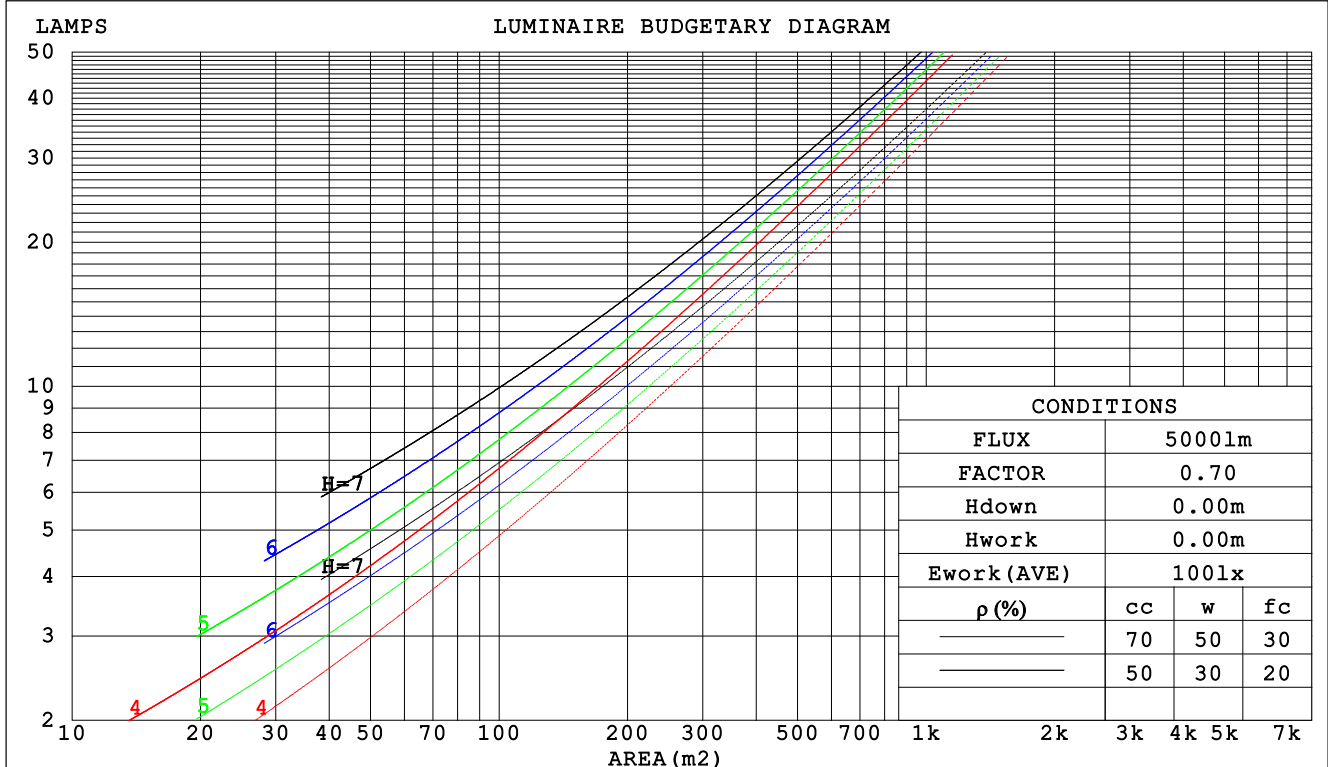
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 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	.67	.59	.58	.56	.48	.47	.46	.40
2.0	.81	.75	.70	.75	.69	.65	.63	.59	.56	.52	.49	.47	.42	.40	.38	.34
3.0	.71	.64	.58	.66	.59	.54	.55	.51	.47	.46	.42	.39	.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	.32	.29	.30	.27	.24	.21
6.0	.50	.42	.36	.46	.39	.34	.40	.34	.30	.33	.29	.25	.27	.24	.21	.18
7.0	.45	.37	.32	.42	.35	.30	.36	.30	.26	.30	.26	.22	.25	.21	.19	.16
8.0	.41	.33	.28	.38	.31	.26	.33	.27	.23	.27	.23	.20	.23	.19	.17	.15
9.0	.37	.30	.25	.35	.28	.23	.30	.24	.21	.25	.21	.18	.21	.18	.15	.13
10.0	.34	.27	.22	.32	.25	.21	.27	.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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm					
NAME: 2FT			TYPE:4000K 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	.214	.123	.039	.175	.101	.032	.139	.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	.101	.031	.154	.085	.026	.124	.069	.021		
4.0	.224	.116	.034	.206	.108	.032	.174	.092	.028	.143	.077	.023	.115	.063	.019		
5.0	.207	.106	.031	.191	.098	.029	.161	.084	.025	.133	.070	.021	.107	.057	.017		
6.0	.193	.097	.028	.178	.090	.026	.150	.077	.022	.124	.065	.019	.100	.053	.016		
7.0	.180	.089	.025	.166	.083	.024	.141	.071	.020	.116	.060	.017	.094	.049	.014		
8.0	.168	.082	.023	.156	.077	.022	.132	.066	.019	.109	.055	.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	.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	.587	.587	.587	.502	.502	.502	.342	.342	.342	.197	.197	.197	.063	.063	.063	
1.0	.578	.556	.537	.495	.477	.462	.338	.328	.319	.195	.190	.186	.062	.061	.060	
2.0	.571	.534	.504	.489	.460	.436	.335	.318	.304	.193	.185	.178	.062	.060	.058	
3.0	.564	.519	.483	.483	.447	.419	.332	.311	.294	.192	.182	.173	.062	.059	.057	
4.0	.557	.507	.468	.478	.438	.407	.329	.305	.287	.190	.179	.170	.061	.058	.056	
5.0	.550	.497	.458	.473	.430	.399	.326	.301	.282	.189	.177	.167	.061	.058	.055	
6.0	.544	.490	.451	.468	.424	.393	.323	.297	.278	.187	.175	.165	.060	.057	.055	
7.0	.538	.484	.446	.463	.419	.388	.320	.294	.275	.186	.173	.164	.060	.057	.054	
8.0	.533	.479	.442	.459	.415	.385	.317	.292	.273	.185	.172	.163	.060	.056	.054	
9.0	.527	.474	.439	.454	.412	.383	.315	.289	.272	.183	.171	.162	.059	.056	.054	
10.0	.522	.471	.436	.450	.409	.381	.312	.288	.270	.182	.170	.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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm										
NAME: 2FT					TYPE:4000K 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	18.4	19.3	19.3	20.2	21.3	18.4	19.3	19.3	20.2	21.3
3H	19.8	20.6	20.7	21.5	22.7	19.9	20.7	20.8	21.6	22.8
4H	20.3	21.1	21.3	22.0	23.2	20.5	21.2	21.4	22.1	23.3
6H	20.7	21.4	21.6	22.4	23.6	20.9	21.6	21.8	22.6	23.8
8H	20.8	21.5	21.7	22.4	23.6	21.0	21.7	22.0	22.7	23.9
12H	20.8	21.5	21.8	22.4	23.6	21.1	21.8	22.1	22.7	24.0
4H 2H	18.9	19.6	19.8	20.6	21.7	18.9	19.6	19.8	20.6	21.7
3H	20.4	21.1	21.4	22.0	23.3	20.5	21.1	21.4	22.1	23.3
4H	21.1	21.7	22.1	22.6	23.9	21.2	21.8	22.2	22.7	24.0
6H	21.6	22.1	22.6	23.1	24.3	21.8	22.3	22.7	23.3	24.5
8H	21.7	22.2	22.7	23.2	24.5	22.0	22.4	23.0	23.4	24.7
12H	21.7	22.2	22.8	23.2	24.5	22.1	22.5	23.1	23.5	24.8
8H 4H	21.3	21.7	22.3	22.7	24.0	21.3	21.8	22.3	22.8	24.1
6H	21.9	22.3	22.9	23.3	24.6	22.1	22.4	23.1	23.5	24.8
8H	22.1	22.4	23.1	23.4	24.8	22.3	22.7	23.4	23.7	25.0
12H	22.2	22.5	23.2	23.5	24.9	22.5	22.8	23.6	23.9	25.2
12H 4H	21.2	21.7	22.2	22.7	24.0	21.3	21.7	22.3	22.7	24.1
6H	21.9	22.2	22.9	23.3	24.6	22.1	22.4	23.1	23.4	24.8
8H	22.1	22.4	23.2	23.5	24.8	22.4	22.7	23.4	23.7	25.1
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 3444 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

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:119.0V I:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

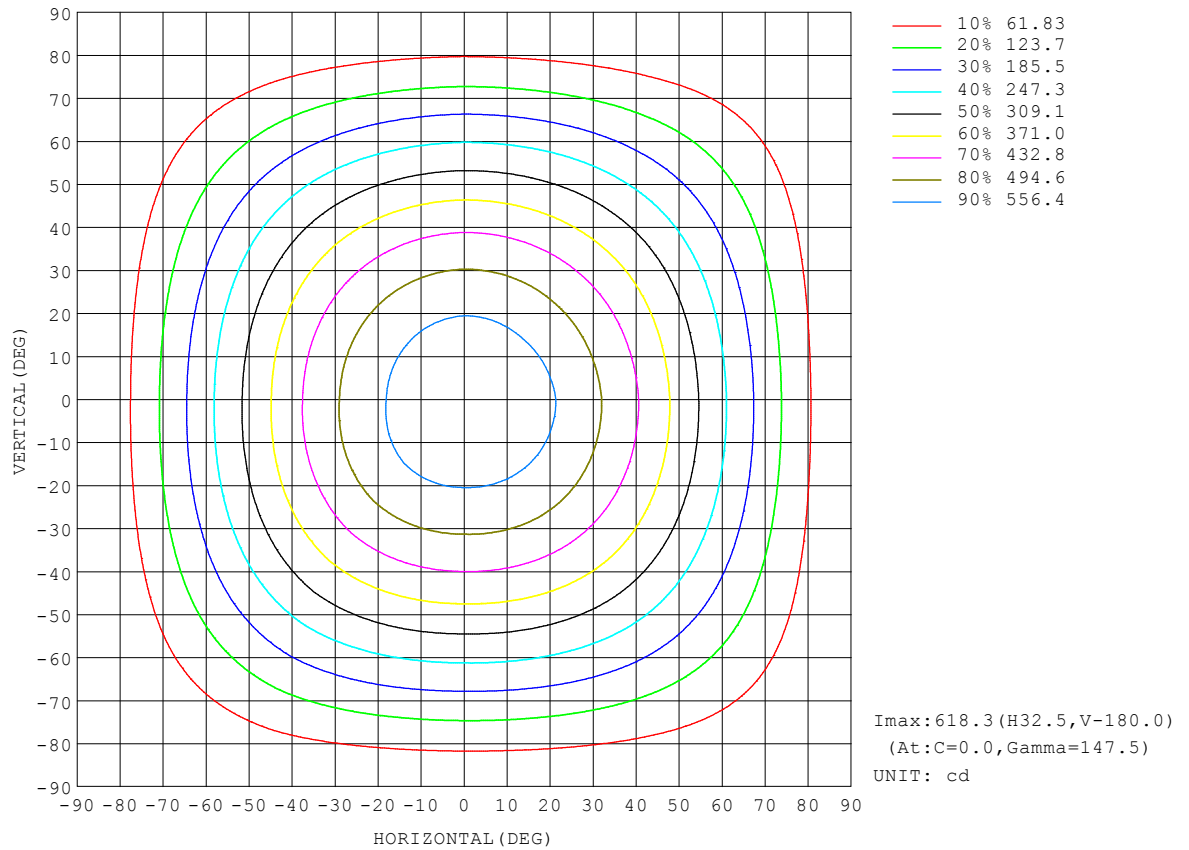
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	33	26	41	31	25	36	28	23	16
0.80	53	42	35	50	39	33	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	69	69	64	60	38
4.00	92	86	81	85	80	75	72	68	65	40
5.00	95	90	85	87	83	79	74	71	68	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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

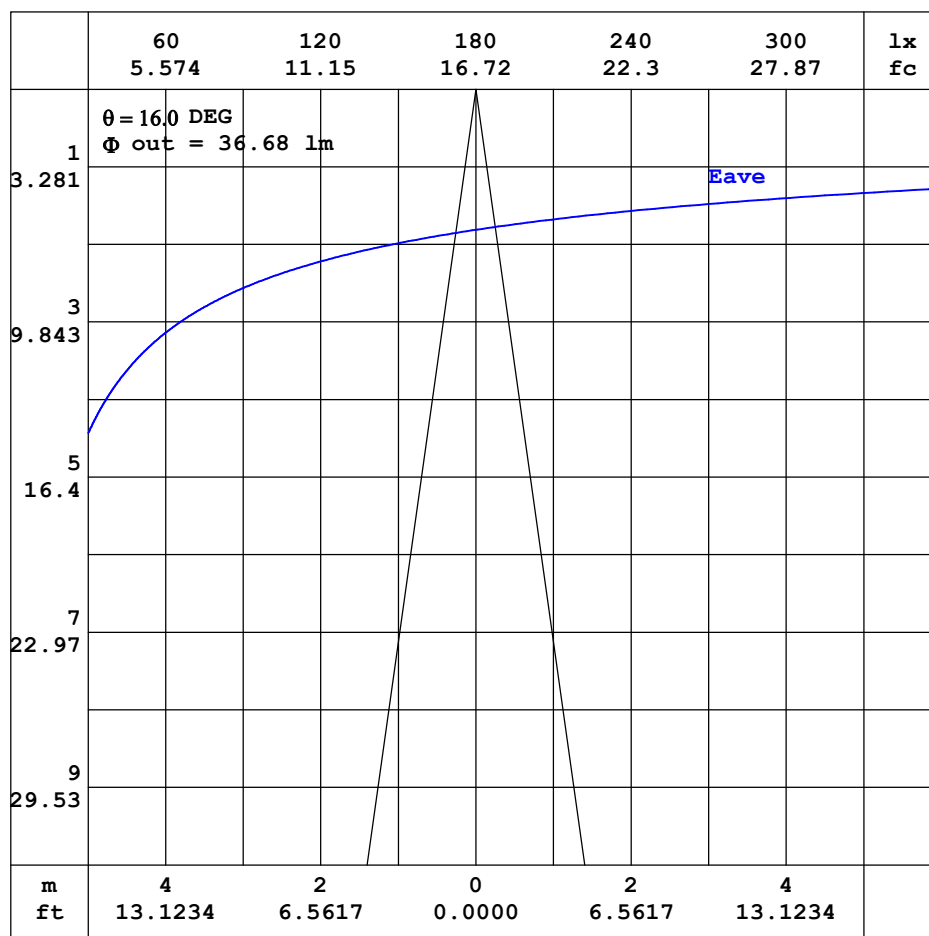


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:



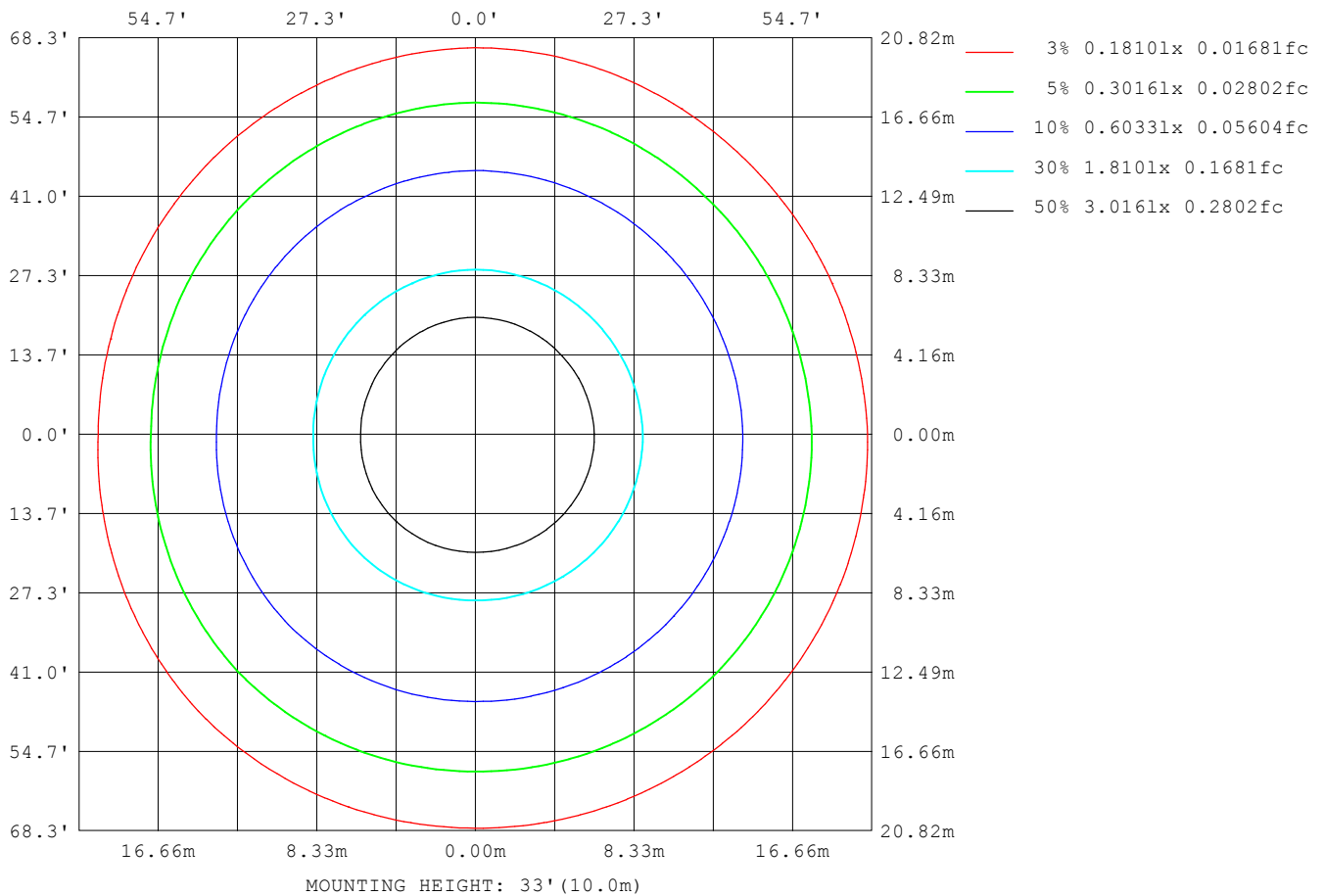
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

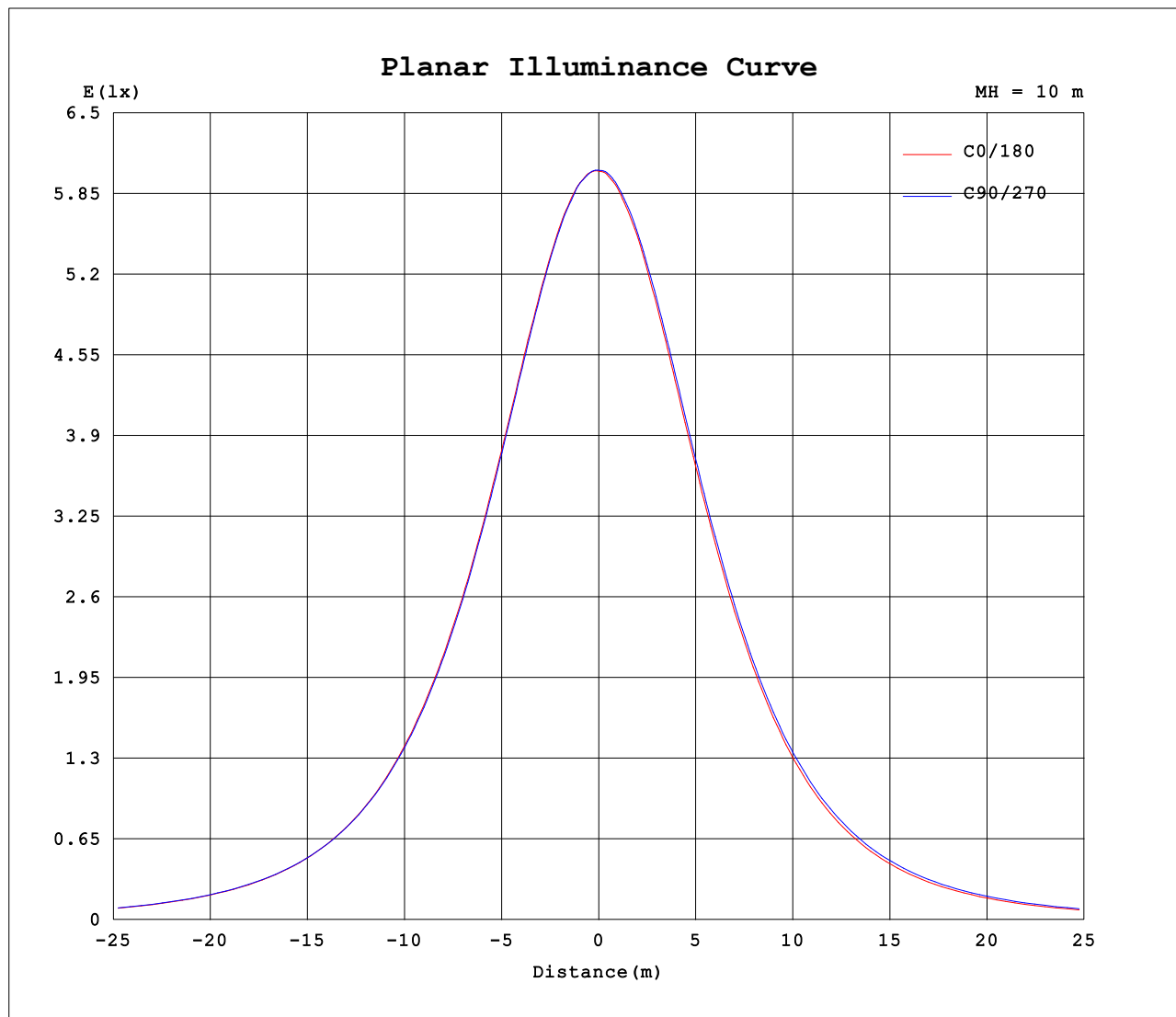
AvgL	cd/m2
L_0~180 (65) av	10957
L_0~180 (75) av	9096
L_0~180 (85) av	3983
L_90~270 (65) av	11534
L_90~270 (75) av	10293
L_90~270 (85) av	7276
L_45 (65) av	11336
L_45 (75) av	9718
L_45 (85) av	5476

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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm																	
NAME: 2FT									TYPE:4000K 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	603	603	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604
5	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602
10	595	595	595	595	595	595	595	595	595	595	595	595	595	595	594	594	594	594	594
15	582	582	582	582	581	581	581	581	581	581	581	581	581	580	580	580	580	580	579
20	563	563	563	563	562	562	562	562	562	562	561	561	561	560	560	560	559	559	559
25	537	537	537	537	537	537	537	537	537	537	536	536	536	535	535	535	534	534	533
30	508	508	508	508	509	509	509	509	508	508	508	507	507	506	506	505	505	504	504
35	474	474	475	475	475	475	475	475	475	475	475	474	473	473	472	471	471	470	469
40	437	438	438	438	439	439	439	439	439	439	438	437	437	436	436	435	434	434	433
45	396	397	397	398	398	399	399	399	399	399	398	398	397	396	395	395	394	393	392
50	351	352	353	354	355	355	356	356	356	356	356	355	355	354	353	352	351	351	350
55	305	306	308	309	309	310	311	311	311	311	311	310	310	309	308	307	306	306	305
60	257	258	260	261	262	262	263	264	264	264	264	264	263	263	262	261	261	260	259
65	208	210	211	212	213	214	215	215	216	216	216	216	215	215	214	214	213	213	212
70	160	161	162	164	165	166	166	167	167	168	168	168	168	168	167	167	167	166	166
75	113	114	115	116	116	117	118	118	119	120	120	120	121	121	121	121	121	121	121
80	67.5	68.5	69.4	70.3	71.1	71.8	72.5	73.1	73.7	74.2	74.8	75.4	75.9	76.2	76.5	76.7	76.8	76.8	76.6
85	24.2	25.2	26.2	27.1	27.9	28.7	29.5	30.3	30.9	31.6	32.4	33.1	33.8	34.3	34.8	35.2	35.4	35.5	35.5
90	3.28	3.36	3.42	3.45	3.47	3.46	3.43	3.38	3.30	3.20	3.00	2.79	2.56	2.33	2.10	1.88	1.67	1.48	1.32
95	33.3	33.2	33.0	32.6	32.0	31.3	30.4	29.3	28.0	26.5	24.1	21.6	19.0	16.4	13.9	11.5	9.25	7.23	5.50
100	86.3	87.7	88.5	88.7	88.4	87.6	86.2	84.2	81.6	78.5	72.4	65.9	59.1	52.4	45.9	39.7	34.1	29.3	25.3
105	140	142	143	143	143	142	140	137	133	129	120	111	102	92.2	83.1	74.6	66.9	60.3	55.1
110	204	207	210	211	212	211	209	205	201	195	183	170	157	143	131	119	108	98.4	91.1
115	282	286	289	291	291	290	287	282	276	269	253	236	219	201	185	169	155	143	134
120	379	380	379	376	373	368	361	353	344	334	315	295	275	255	236	218	203	190	179
125	470	466	461	454	447	438	428	417	405	392	370	348	325	303	283	264	247	233	222
130	545	538	529	520	510	499	487	474	460	445	421	397	373	350	328	308	291	276	265
135	594	585	576	566	555	543	531	517	502	487	463	439	415	392	370	350	333	318	307
140	608	601	593	584	574	563	552	540	526	512	491	469	447	425	405	387	371	357	347
145	617	608	599	590	580	569	558	546	534	521	503	484	465	447	431	415	402	391	382
150	614	605	596	586	576	566	556	545	535	524	509	494	479	465	452	440	429	421	414
155	590	582	574	565	557	549	541	532	524	516	505	495	484	475	466	458	451	446	441
160	560	553	547	541	535	530	524	518	513	508	501	495	489	484	479	474	471	467	465
165	529	525	522	519	515	512	509	507	504	501	499	496	494	491	489	487	486	484	483
170	509	508	507	506	505	504	504	503	502	501	501	500	500	499	499	499	498	498	498
175	507	507	506	506	506	506	506	505	505	505	505	505	505	506	506	506	506	506	506
180	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507

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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 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	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	603	603	603	603
5	602	602	602	602	602	602	601	601	601	601	601	600	600	600	600	599	599	599	599
10	594	594	594	593	593	593	593	593	593	592	591	591	590	589	589	588	587	587	587
15	579	579	579	579	579	579	578	578	578	577	576	575	574	573	572	571	570	570	569
20	559	559	559	559	559	558	558	558	557	556	555	554	553	552	550	549	548	547	547
25	533	533	533	533	533	533	533	533	532	531	529	528	526	525	523	522	521	520	519
30	504	504	504	504	504	503	503	503	502	501	499	498	496	494	493	491	490	488	488
35	469	470	470	470	470	469	469	469	468	467	465	463	461	459	457	455	454	452	452
40	433	433	433	433	433	432	432	432	431	429	427	425	423	421	419	417	415	414	413
45	392	392	393	393	393	392	392	392	391	389	386	384	381	378	376	373	371	369	369
50	350	350	350	350	350	350	350	349	349	346	343	340	337	334	331	329	326	324	324
55	305	305	305	305	305	305	305	304	303	301	298	295	291	288	285	282	279	277	277
60	259	259	259	259	259	258	258	257	256	253	250	247	243	240	237	234	231	229	228
65	212	212	212	212	211	211	210	209	208	205	202	199	195	192	189	186	183	181	180
70	166	165	165	165	164	164	163	162	160	157	154	150	147	143	140	137	134	131	131
75	121	120	120	119	118	117	116	114	113	109	106	103	99.5	96.2	93.1	90.1	87.4	85.1	84.7
80	76.3	75.9	75.3	74.5	73.5	72.4	71.1	69.5	67.8	64.7	61.4	58.1	54.8	51.5	48.4	45.5	42.9	40.6	40.4
85	35.1	34.6	33.8	33.0	31.9	30.7	29.4	27.9	26.3	23.8	21.3	18.7	16.1	13.5	11.1	8.83	6.76	4.94	4.44
90	1.35	1.41	1.49	1.58	1.68	1.78	1.86	1.94	1.99	1.84	1.66	1.47	1.28	1.09	0.91	0.75	0.61	0.51	0.66
95	5.66	6.11	6.79	7.64	8.59	9.60	10.6	11.5	12.3	11.2	9.94	8.65	7.40	6.27	5.33	4.65	4.32	4.40	7.70
100	27.6	30.8	34.7	39.1	43.9	48.8	53.7	58.3	62.4	61.3	59.8	57.9	55.8	53.6	51.5	49.6	48.1	47.1	51.2
105	59.1	64.4	70.8	78.0	85.7	93.6	101	109	116	115	113	111	109	106	104	101	99.1	97.7	103
110	97.1	105	115	125	137	148	160	171	180	180	178	175	171	168	164	160	157	155	161
115	142	153	165	180	195	210	225	240	253	253	251	248	244	239	234	230	225	222	229
120	188	200	214	229	246	264	282	299	314	317	318	318	317	315	313	310	307	305	310
125	231	244	259	276	295	314	334	354	373	380	387	392	396	399	402	403	403	403	406
130	274	287	302	320	339	360	381	402	423	434	445	453	461	467	473	476	479	480	480
135	315	326	341	357	376	396	416	437	458	471	484	496	506	516	523	529	534	537	534
140	353	363	375	390	407	424	443	462	481	495	508	521	532	543	551	558	563	567	563
145	387	395	405	417	431	446	461	478	494	508	521	533	545	555	564	572	577	581	577
150	418	423	431	440	450	461	474	486	499	511	522	533	543	552	561	567	573	576	572
155	443	447	452	458	464	472	480	489	497	507	516	525	533	541	547	553	558	561	557
160	466	467	470	472	476	480	484	489	494	501	507	513	520	525	530	535	538	541	538
165	483	483	484	484	485	487	488	490	492	495	498	501	505	508	511	513	515	517	515
170	497	497	496	496	496	496	496	496	496	496	497	498	499	500	500	501	502	502	502
175	506	505	505	505	504	504	503	503	503	502	502	501	501	501	501	500	500	500	501
180	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507

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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm		
NAME: 2FT	TYPE:4000K 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	603	603	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604
5	599	599	599	599	599	599	599	599	599	600	600	600	600	600	601	601	601	601	601
10	587	587	587	587	587	587	587	588	588	588	589	589	590	590	590	591	591	591	591
15	569	570	570	570	570	571	571	571	572	572	573	573	573	574	574	575	575	575	575
20	547	547	547	547	547	548	548	548	549	550	550	551	552	552	553	553	554	554	554
25	519	519	519	520	520	521	521	522	522	523	524	524	525	526	526	527	527	527	527
30	488	488	488	488	488	489	489	490	490	491	492	493	493	494	495	495	496	496	496
35	451	451	451	452	452	453	453	454	455	456	457	458	459	460	460	461	462	462	462
40	413	413	413	413	414	414	415	415	416	417	418	419	420	421	422	423	423	424	423
45	369	369	370	370	371	372	373	374	375	376	377	378	379	380	380	381	382	382	382
50	324	324	324	325	326	327	328	330	331	332	333	333	334	335	336	337	338	338	338
55	276	277	277	278	279	280	282	283	284	285	286	287	288	289	290	291	291	292	292
60	228	228	229	230	231	232	233	234	236	237	238	239	241	242	243	244	245	245	245
65	180	180	181	181	182	183	185	186	187	189	190	192	193	194	195	197	197	197	197
70	131	131	132	133	134	135	137	138	140	141	143	144	146	147	148	149	150	150	149
75	84.7	85.1	85.8	86.7	87.8	89.1	90.5	92.1	93.4	94.8	96.2	97.5	98.8	100	101	102	103	103	102
80	40.5	41.0	41.8	42.8	44.1	45.5	47.0	48.6	50.0	51.4	52.7	54.0	55.2	56.4	57.4	58.3	59.0	58.6	58.1
85	4.23	4.27	4.55	5.02	5.67	6.47	7.39	8.42	9.51	10.7	11.8	13.0	14.1	15.2	16.2	17.0	17.8	17.5	17.1
90	0.85	1.06	1.28	1.51	1.72	1.93	2.10	2.24	2.06	1.85	1.62	1.37	1.13	0.90	0.70	0.53	0.41	0.64	0.92
95	11.4	15.2	19.2	23.2	27.0	30.5	33.7	36.2	34.4	32.0	29.2	26.2	23.2	20.3	17.7	15.5	13.9	17.1	20.9
100	55.8	60.6	65.5	70.4	75.0	79.1	82.5	85.1	80.8	75.7	70.1	64.2	58.3	52.8	47.7	43.4	40.2	45.1	51.0
105	108	114	120	126	131	136	139	142	135	127	118	109	99.6	91.0	83.3	76.8	72.0	79.2	88.0
110	168	176	184	191	198	204	208	211	200	188	174	161	148	135	124	114	107	117	129
115	236	244	252	259	266	271	275	277	263	247	231	214	197	181	167	155	146	158	172
120	316	321	327	331	334	336	337	336	319	301	282	262	244	226	211	198	188	200	215
125	408	409	409	408	405	402	397	390	370	350	329	308	288	269	253	240	230	242	257
130	479	477	473	468	461	453	444	434	413	391	369	348	328	310	294	281	271	283	298
135	531	525	518	509	499	488	476	462	442	421	401	381	362	345	331	320	312	323	337
140	558	551	542	532	520	508	494	480	462	443	425	408	392	378	366	357	351	360	373
145	571	563	553	542	530	518	504	490	475	460	445	431	418	407	398	391	386	393	403
150	566	559	550	540	529	518	506	495	483	471	460	449	440	431	425	420	416	422	429
155	552	546	538	530	522	512	503	494	486	478	471	464	458	453	449	446	444	447	451
160	534	529	523	517	511	504	497	491	486	482	479	476	473	471	469	468	468	469	471
165	513	511	508	505	502	499	496	493	491	490	489	488	487	487	487	487	487	487	487
170	501	500	499	499	498	497	496	496	496	496	497	497	497	498	499	499	500	500	500
175	502	502	503	504	505	506	506	507	507	508	508	508	508	508	508	507	507	507	507
180	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507

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:0.2130A P:25.30W PF:0.9900 Freq:60.00Hz Lamp Flux:3443.65x1 lm																	
NAME: 2FT									TYPE:4000K 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	604	604	604	604	604	604	604	604	604	604	604	604	604	604	603				
5	601	601	601	600	600	600	600	600	600	601	601	601	601	602	602				
10	591	591	591	591	591	591	591	591	591	592	592	593	593	594	595				
15	575	575	575	575	575	576	576	576	577	577	578	578	579	580	581				
20	554	554	554	554	554	554	554	555	556	556	557	558	559	560	562				
25	527	527	527	527	527	527	528	528	529	530	531	532	533	534	536				
30	496	496	496	496	496	496	497	497	498	499	500	502	503	504	506				
35	462	462	462	462	462	462	462	463	464	465	466	467	469	470	472				
40	423	423	423	423	423	423	424	425	426	427	428	430	431	433	435				
45	382	382	382	382	382	382	383	384	385	386	387	388	390	392	394				
50	338	338	338	338	338	338	339	340	340	342	343	344	346	347	349				
55	291	291	291	291	291	292	292	293	294	295	296	298	299	301	303				
60	244	244	244	243	243	243	243	244	245	246	248	249	251	253	255				
65	197	196	196	195	195	195	195	195	196	197	199	200	202	204	206				
70	149	148	147	147	146	146	146	146	147	148	150	151	153	155	157				
75	101	101	100	99.5	99.0	98.6	98.4	99.1	100.0	101	102	104	106	108	110				
80	57.5	56.8	56.1	55.5	54.9	54.5	54.2	54.8	55.6	56.7	57.9	59.4	61.1	63.0	65.2				
85	16.6	16.0	15.5	15.0	14.5	14.1	13.9	14.3	15.0	15.8	16.7	17.9	19.2	20.7	22.4				
90	1.24	1.59	1.95	2.32	2.68	3.02	3.34	3.49	3.59	3.66	3.69	3.68	3.63	3.55	3.43				
95	25.2	29.7	34.3	38.9	43.2	47.3	50.7	51.5	51.6	51.0	49.7	47.7	45.1	41.8	37.9				
100	57.7	65.0	72.6	80.2	87.7	94.7	101	103	104	105	104	102	99.6	96.1	91.7				
105	98.1	109	120	132	143	154	163	166	168	168	167	165	161	155	148				
110	143	158	174	190	206	221	234	238	241	241	240	237	231	224	215				
115	189	208	227	247	266	285	302	309	313	315	315	313	308	302	293				
120	233	253	274	296	318	339	359	369	377	383	387	389	390	388	385				
125	276	297	319	343	366	390	413	425	436	446	454	460	465	468	470				
130	317	337	360	384	409	433	457	472	485	497	508	518	526	534	540				
135	355	374	396	419	443	466	490	505	519	533	545	557	567	577	586				
140	389	406	425	445	466	487	508	522	536	548	560	571	581	591	600				
145	416	430	445	461	479	496	514	527	539	551	563	574	585	596	607				
150	438	449	460	473	486	500	514	525	536	547	559	570	581	592	603				
155	456	462	469	477	486	495	505	513	522	530	540	549	559	569	580				
160	474	477	481	485	490	495	501	506	512	517	524	530	537	544	552				
165	488	489	490	492	493	495	497	500	502	505	509	512	516	520	524				
170	500	500	500	500	500	500	500	501	502	502	503	504	505	506	508				
175	507	507	507	506	506	506	506	506	506	506	506	506	506	507	507				
180	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507				

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: