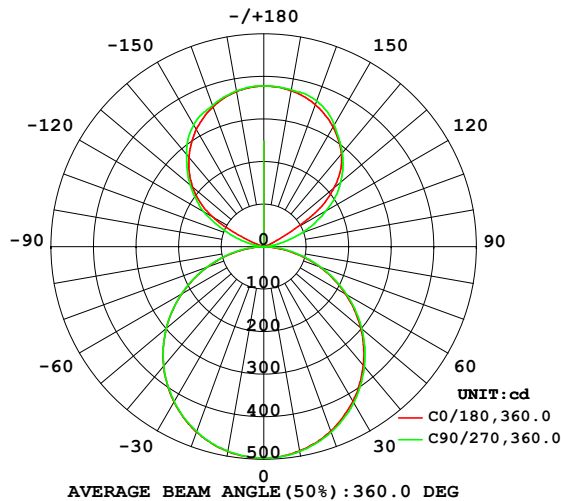


LUMINAIRE PHOTOMETRIC TEST REPORT

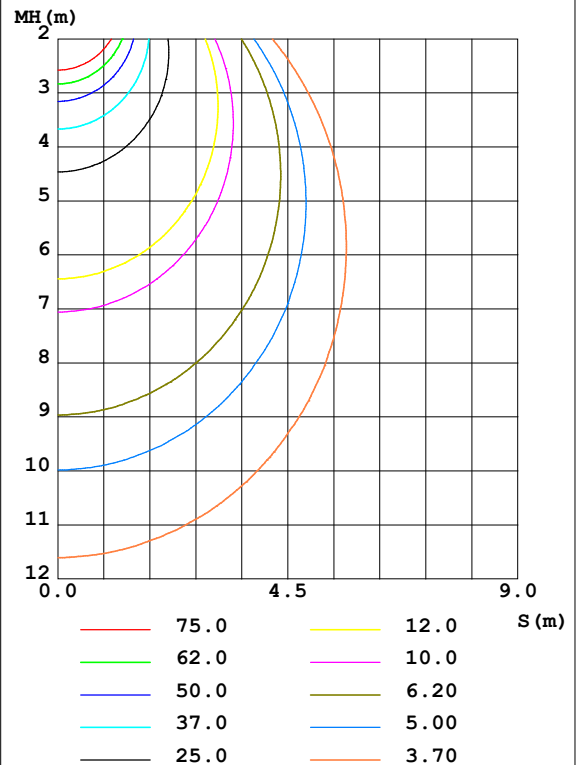
Test:U:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.15 lm/W			
MODEL		I _{max} (cd)	497.3	S/MH(C0/180)	1.26
NOMINAL POWER(W)	25W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2423.5	η UP,DN(C0-180)	20.4,30.0
NOMINAL FLUX(lm)	2423.51	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.2,29.4
LAMPS INSIDE	1	η up(%)	40.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	59.4	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:

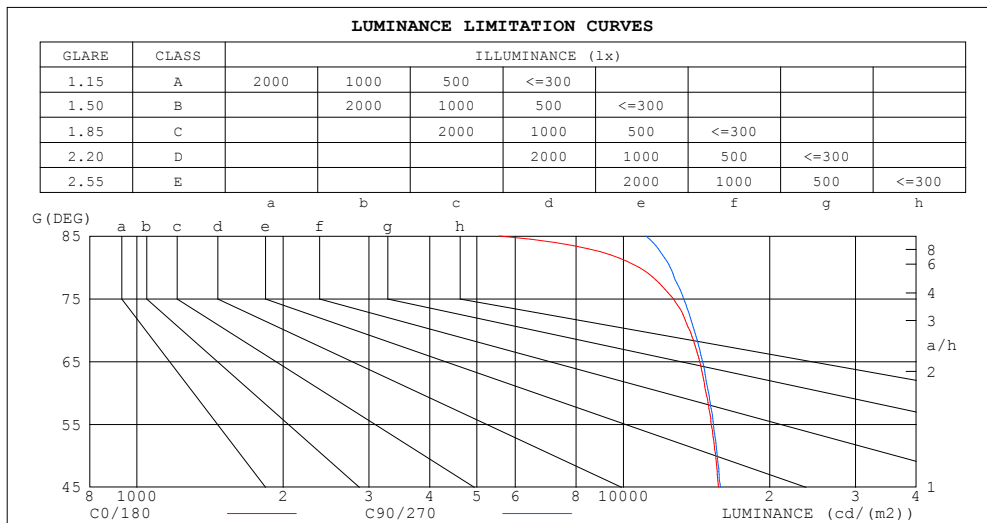
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	487.3	487.7	488.3	491.2	488.6	488.5	488.0	485.8	0- 10	47.02	47.02	1.94,1.94
20	461.5	462.5	463.9	468.3	463.5	463.6	462.3	457.6	10- 20	134.8	181.8	7.5,7.5
30	419.6	422.1	423.4	429.3	422.0	422.2	420.9	414.2	20- 30	204.6	386.4	15.9,15.9
40	364.1	366.9	368.3	375.6	366.4	367.6	365.7	356.9	30- 40	247.4	633.8	26.2,26.2
50	297.6	299.4	300.8	309.5	299.5	300.6	299.5	288.4	40- 50	257.6	891.4	36.8,36.8
60	221.4	221.1	224.8	233.9	223.1	224.5	223.9	211.4	50- 60	234.0	1125	46.4,46.4
70	140.2	138.5	143.6	152.8	141.2	143.7	142.6	130.6	60- 70	180.6	1306	53.9,53.9
80	56.02	59.09	65.11	71.68	57.42	64.09	64.08	51.40	70- 80	106.4	1412	58.3,58.3
90	0.5175	1.452	1.510	1.469	0.3062	1.048	1.285	1.404	80- 90	26.91	1439	59.4,59.4
100	1.234	1.888	28.23	3.020	1.241	2.231	18.73	1.560	90-100	3.065	1442	59.5,59.5
110	7.296	29.38	95.71	74.98	14.70	73.74	82.90	36.61	100-110	24.41	1467	60.5,60.5
120	84.54	149.8	169.2	159.3	137.0	159.3	162.8	148.7	110-120	98.73	1565	64.6,64.6
130	215.8	227.3	236.4	226.7	218.9	229.4	225.9	230.3	120-130	169.8	1735	71.6,71.6
140	284.3	282.7	287.4	286.6	273.9	287.7	282.1	289.8	130-140	198.3	1934	79.8,79.8
150	325.7	330.8	331.2	331.8	318.0	324.3	330.6	326.8	140-150	192.5	2126	87.7,87.7
160	355.4	359.6	364.2	359.1	349.6	353.1	353.6	355.6	150-160	158.4	2284	94.3,94.3
170	372.4	371.3	374.5	373.3	370.2	371.6	371.8	373.5	160-170	103.3	2388	98.5,98.5
180	376.2	376.8	377.3	378.1	376.2	376.8	377.3	378.1	170-180	35.80	2424	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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5562	11126
80	10781	12493
75	12668	13313
70	13695	13986
65	14359	14557
60	14796	14978
55	15168	15316
50	15472	15590
45	15697	15835

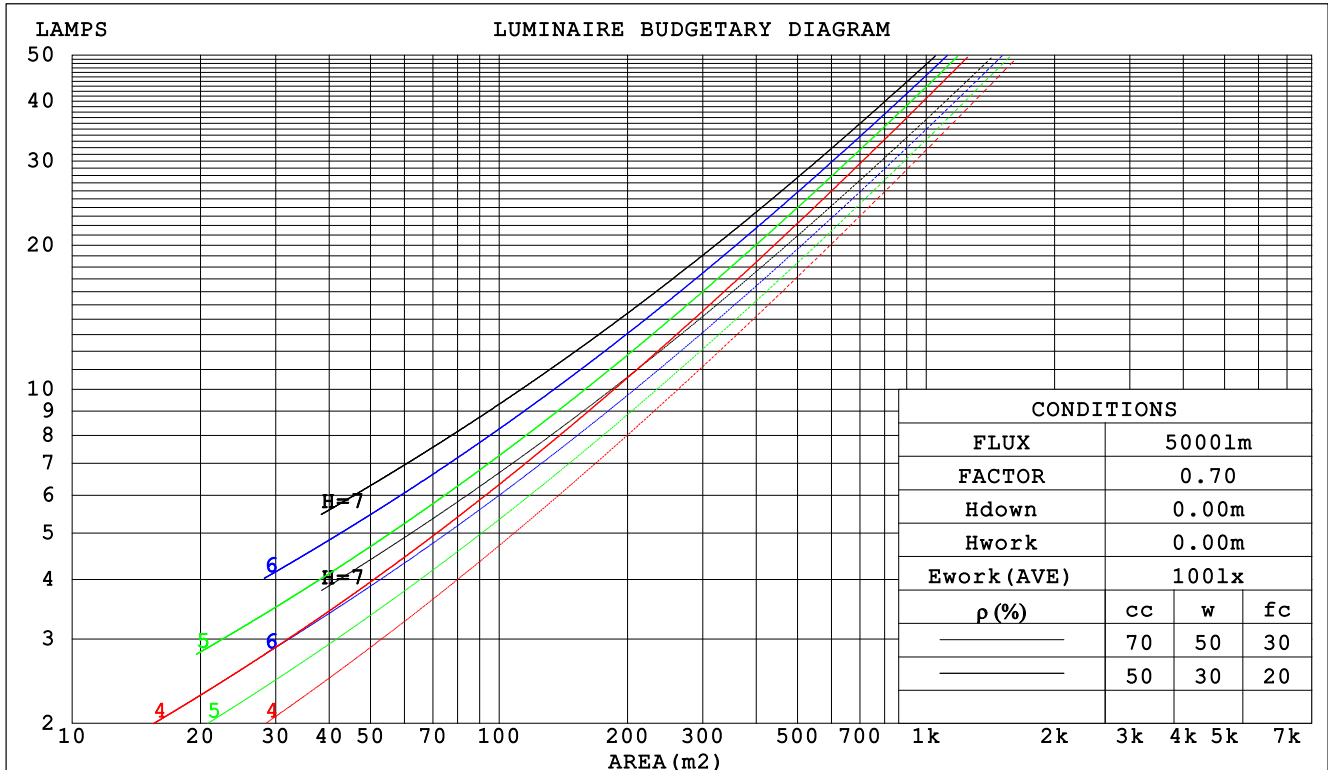
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	1.09	1.09	1.09	1.02	1.02	1.02	.89	.89	.89	.76	.76	.76	.65	.65	.65	.59
1.0	.95	.91	.87	.89	.85	.82	.77	.75	.72	.67	.65	.63	.57	.56	.54	.50
2.0	.83	.76	.71	.77	.72	.67	.67	.63	.60	.58	.55	.52	.50	.47	.45	.41
3.0	.73	.65	.59	.68	.61	.56	.59	.54	.50	.51	.47	.44	.44	.41	.38	.34
4.0	.64	.56	.50	.60	.53	.47	.53	.47	.42	.46	.41	.37	.39	.36	.33	.29
5.0	.57	.49	.42	.54	.46	.40	.47	.41	.36	.41	.36	.32	.35	.31	.28	.25
6.0	.51	.43	.37	.48	.41	.35	.42	.36	.32	.37	.32	.28	.32	.28	.25	.22
7.0	.46	.38	.32	.43	.36	.31	.38	.32	.28	.33	.29	.25	.29	.25	.22	.20
8.0	.42	.34	.28	.39	.32	.27	.35	.29	.25	.31	.26	.22	.26	.23	.20	.17
9.0	.38	.31	.25	.36	.29	.24	.32	.26	.22	.28	.23	.20	.24	.21	.18	.16
10.0	.35	.28	.23	.33	.26	.22	.29	.24	.20	.26	.21	.18	.23	.19	.16	.14



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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm					
NAME: 2FT			TYPE:3000K 3.7		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:0.6*0.05		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	.290	.165	.052	.271	.154	.049	.235	.135	.043	.201	.116	.037	.171	.099	.032		
2.0	.271	.148	.046	.253	.139	.043	.220	.123	.038	.190	.107	.033	.162	.092	.029		
3.0	.250	.133	.040	.234	.125	.038	.204	.111	.034	.176	.097	.030	.151	.083	.026		
4.0	.231	.120	.035	.216	.113	.033	.189	.100	.030	.164	.088	.026	.140	.076	.023		
5.0	.214	.109	.032	.201	.103	.030	.175	.091	.027	.152	.080	.024	.130	.069	.021		
6.0	.199	.100	.029	.186	.094	.027	.163	.084	.024	.141	.073	.022	.121	.064	.019		
7.0	.185	.092	.026	.174	.087	.025	.152	.077	.022	.132	.068	.020	.113	.059	.017		
8.0	.173	.085	.024	.163	.080	.023	.143	.071	.020	.124	.063	.018	.106	.054	.016		
9.0	.162	.079	.022	.153	.074	.021	.134	.066	.019	.116	.058	.017	.100	.051	.015		
10.0	.153	.073	.020	.144	.069	.019	.126	.062	.017	.110	.055	.016	.094	.047	.014		

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	.500	.500	.500	.427	.427	.427	.292	.292	.292	.168	.168	.168	.054	.054	.054	
1.0	.491	.468	.448	.420	.402	.386	.287	.277	.267	.165	.160	.155	.053	.052	.050	
2.0	.483	.446	.415	.414	.384	.358	.284	.266	.250	.164	.155	.147	.053	.050	.048	
3.0	.476	.430	.393	.408	.371	.341	.280	.258	.239	.162	.150	.141	.052	.049	.046	
4.0	.470	.418	.378	.403	.361	.329	.277	.252	.231	.160	.147	.137	.052	.048	.045	
5.0	.463	.408	.368	.397	.353	.320	.274	.247	.226	.159	.145	.134	.051	.047	.044	
6.0	.456	.401	.361	.392	.347	.314	.271	.243	.222	.157	.143	.132	.051	.047	.044	
7.0	.450	.394	.355	.387	.342	.309	.268	.240	.219	.155	.141	.131	.050	.046	.043	
8.0	.444	.389	.351	.383	.337	.306	.265	.237	.217	.154	.140	.129	.050	.046	.043	
9.0	.439	.384	.348	.378	.334	.303	.262	.235	.215	.153	.139	.128	.049	.045	.043	
10.0	.434	.381	.345	.374	.330	.301	.259	.233	.214	.151	.137	.128	.049	.045	.042	

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm										
NAME: 2FT					TYPE:3000K 3.7			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:0.6*0.05			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	19.8	20.9	20.6	21.6	22.6	19.9	20.9	20.6	21.7	22.6
3H	21.3	22.2	22.1	23.0	24.0	21.3	22.3	22.1	23.1	24.0
4H	21.8	22.7	22.6	23.5	24.5	21.9	22.8	22.7	23.6	24.6
6H	22.2	23.0	23.0	23.8	24.9	22.4	23.2	23.2	24.0	25.0
8H	22.3	23.0	23.1	23.9	24.9	22.5	23.3	23.3	24.1	25.2
12H	22.3	23.0	23.1	23.8	24.9	22.6	23.3	23.4	24.2	25.2
4H 2H	20.3	21.2	21.1	22.0	23.0	20.3	21.2	21.1	22.0	23.0
3H	21.9	22.6	22.7	23.5	24.5	22.0	22.7	22.8	23.5	24.6
4H	22.6	23.2	23.4	24.1	25.2	22.7	23.3	23.5	24.2	25.3
6H	23.0	23.6	23.9	24.5	25.6	23.2	23.8	24.1	24.7	25.8
8H	23.1	23.7	24.0	24.6	25.7	23.4	23.9	24.3	24.8	26.0
12H	23.2	23.6	24.1	24.6	25.7	23.5	24.0	24.4	24.9	26.1
8H 4H	22.7	23.3	23.6	24.2	25.3	22.8	23.4	23.7	24.3	25.4
6H	23.3	23.8	24.3	24.7	25.9	23.5	23.9	24.4	24.9	26.0
8H	23.5	23.9	24.4	24.8	26.0	23.8	24.2	24.7	25.1	26.3
12H	23.6	23.9	24.5	24.8	26.0	24.0	24.3	24.9	25.2	26.4
12H 4H	22.7	23.2	23.6	24.1	25.3	22.8	23.3	23.7	24.2	25.3
6H	23.3	23.7	24.3	24.7	25.9	23.5	23.9	24.5	24.8	26.0
8H	23.5	23.9	24.5	24.8	26.0	23.8	24.1	24.8	25.1	26.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 2424 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

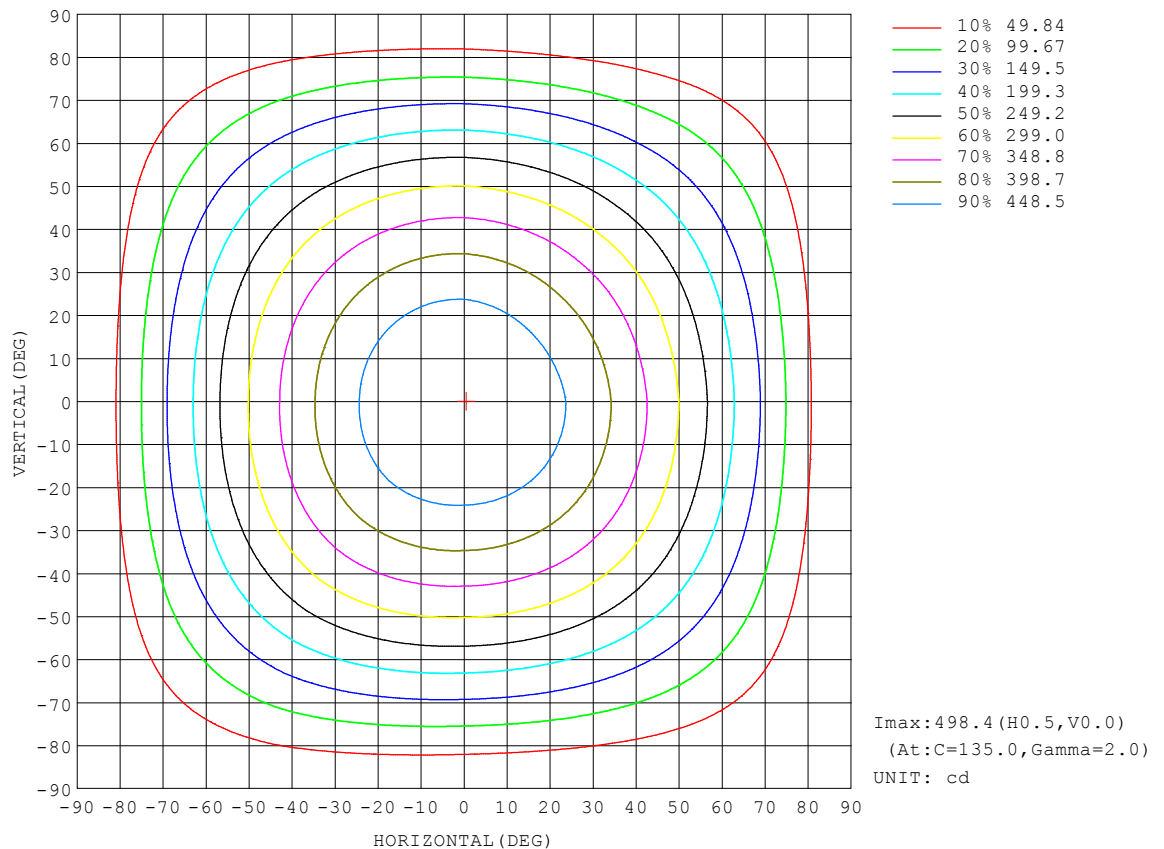
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	35	29	44	34	28	40	32	26	19
0.80	56	45	37	53	43	36	48	39	34	24
1.00	64	53	45	60	50	44	54	47	40	29
1.25	71	60	53	67	57	51	59	52	46	33
1.50	76	66	58	72	62	56	63	56	51	37
2.00	83	74	67	78	70	64	69	63	58	41
2.50	87	79	73	82	75	69	72	66	62	44
3.00	91	84	78	85	79	74	74	70	66	46
4.00	95	89	84	89	84	79	78	74	71	49
5.00	98	93	88	91	87	83	80	77	74	51
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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

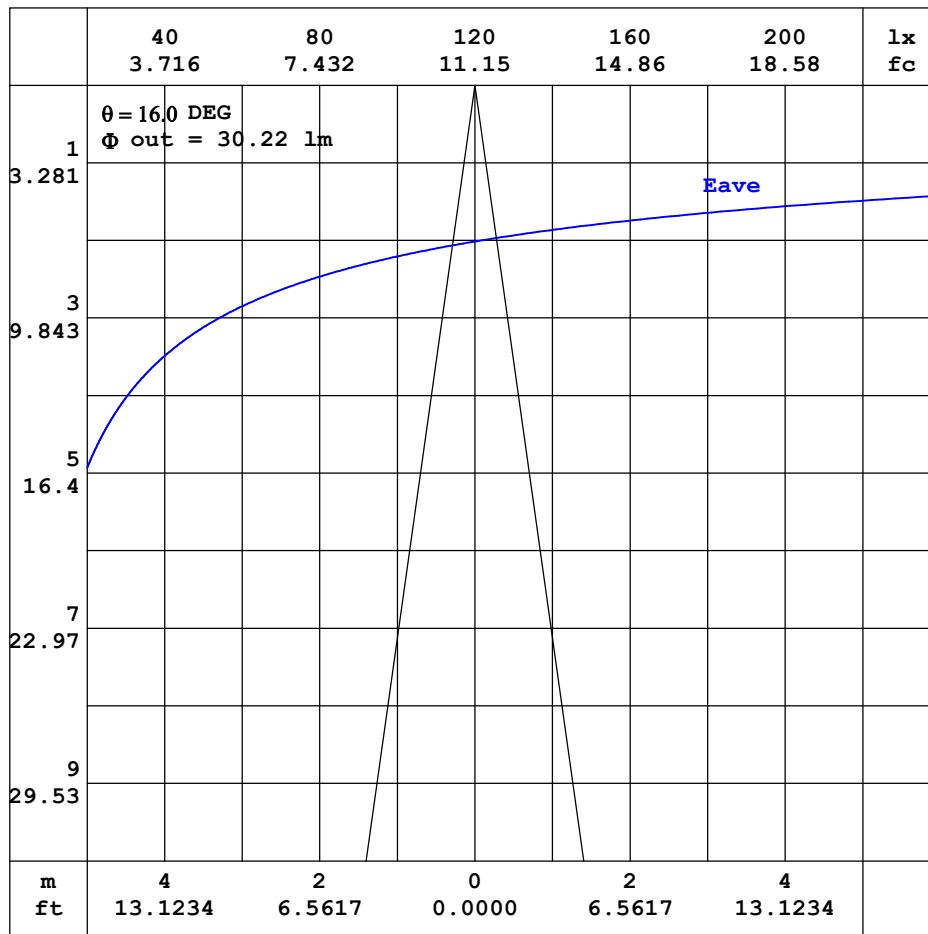


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



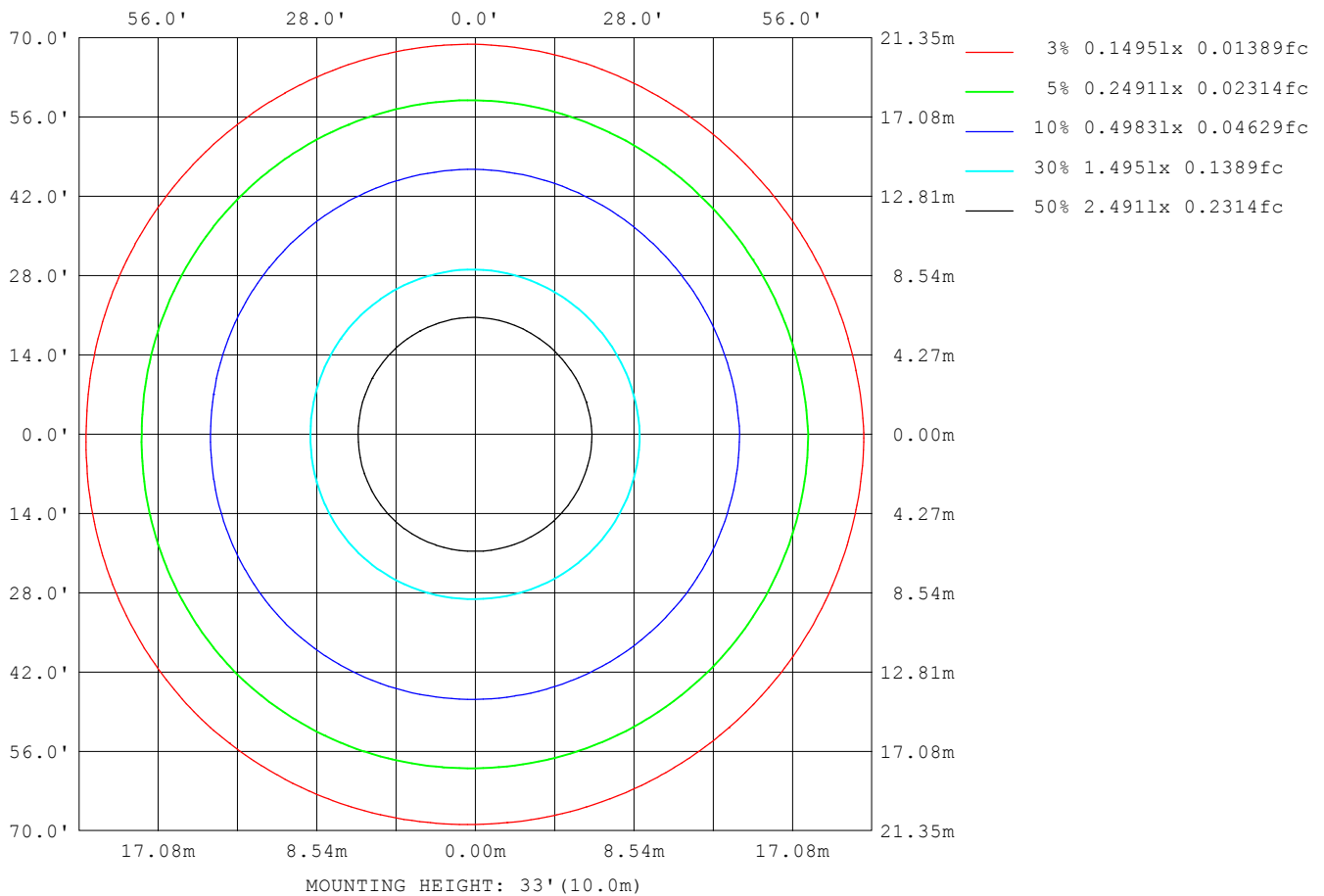
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

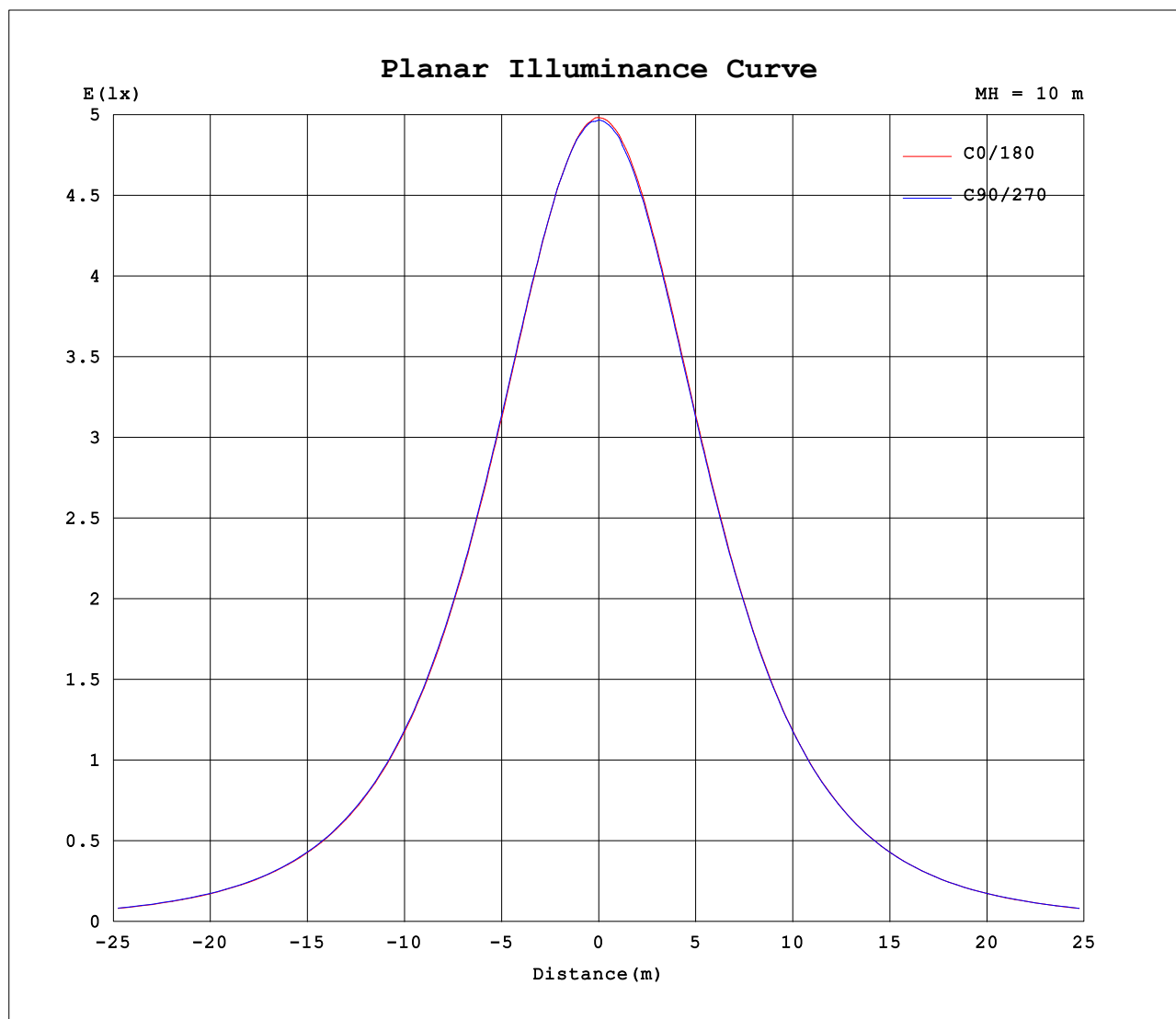
AvgL	cd/m2
L_0~180 (65) av	14370
L_0~180 (75) av	12737
L_0~180 (85) av	5952
L_90~270 (65) av	14531
L_90~270 (75) av	13253
L_90~270 (85) av	10926
L_45 (65) av	14391
L_45 (75) av	13024
L_45 (85) av	8535

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm																	
NAME: 2FT									TYPE:3000K 3.7						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.6*0.05						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	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497
5	494	494	494	494	494	494	494	494	494	494	494	494	495	495	495	495	495	495	495
10	487	487	487	487	487	488	488	488	488	488	488	488	488	488	488	488	488	488	488
15	477	477	477	477	477	477	477	477	477	477	477	477	477	477	477	478	478	478	478
20	461	462	462	462	462	462	462	462	462	462	463	463	463	463	463	463	463	464	464
25	442	442	442	443	443	443	443	444	444	444	444	444	444	444	444	444	445	445	445
30	420	420	420	421	421	421	421	422	422	422	422	422	422	423	423	423	423	423	423
35	393	394	394	394	394	395	395	395	396	396	396	396	396	396	396	396	397	397	397
40	364	365	365	365	366	366	366	366	367	367	367	367	367	367	367	368	368	368	368
45	332	332	333	333	333	334	334	334	334	335	335	335	335	335	335	335	335	336	336
50	298	298	298	298	298	299	299	299	299	299	299	299	300	300	300	300	300	300	301
55	260	260	260	261	261	261	261	261	261	261	261	262	262	262	262	262	263	263	264
60	221	221	221	221	221	221	221	221	221	221	221	221	222	222	223	223	224	224	225
65	182	181	181	181	180	180	180	180	180	180	181	181	181	182	182	183	183	184	185
70	140	140	139	139	139	138	138	138	138	139	139	139	140	140	141	141	142	143	144
75	98.1	98.0	97.9	97.8	97.8	97.9	98.0	98.2	98.4	98.7	99.0	99.4	99.8	100	101	101	102	103	103
80	56.0	56.2	56.4	56.7	57.0	57.4	57.7	58.2	58.6	59.1	59.7	60.3	60.9	61.5	62.2	62.9	63.6	64.4	65.1
85	14.5	15.0	15.5	16.1	16.7	17.3	18.0	18.7	19.4	20.2	21.2	22.3	23.3	24.3	25.4	26.4	27.3	28.3	29.1
90	0.52	0.66	0.80	0.93	1.04	1.14	1.24	1.32	1.39	1.45	1.49	1.51	1.53	1.54	1.54	1.54	1.53	1.52	1.51
95	0.59	0.46	0.54	0.61	0.67	0.72	0.75	0.77	0.91	1.27	2.01	2.81	3.62	4.43	5.21	5.94	6.59	7.13	7.55
100	1.23	0.42	0.45	0.47	0.49	0.51	0.52	0.53	0.55	1.89	4.96	8.24	11.6	15.0	18.3	21.4	24.1	26.4	28.2
105	2.14	0.45	0.46	0.47	0.48	0.48	0.49	0.82	3.06	5.91	11.9	18.3	25.0	31.7	38.2	44.4	50.0	54.9	58.9
110	7.30	7.57	8.39	9.75	11.7	14.1	17.1	20.7	24.7	29.4	37.0	44.9	53.0	61.2	69.2	76.8	83.9	90.2	95.7
115	27.8	37.6	46.9	55.8	64.2	72.1	79.6	86.6	93.1	99.2	105	110	115	119	123	126	129	131	133
120	84.5	94.1	103	111	119	126	133	139	145	150	154	158	161	163	165	167	168	169	169
125	166	170	173	177	180	183	186	188	191	193	195	197	199	201	203	204	205	206	206
130	216	217	219	220	221	223	224	225	226	227	229	230	231	233	234	235	235	236	236
135	256	255	255	255	255	255	255	255	256	256	257	258	259	260	261	262	262	263	263
140	284	284	283	283	283	283	283	283	283	283	283	284	284	285	285	286	286	287	287
145	306	307	308	308	309	309	309	310	310	310	310	310	310	310	309	309	309	309	309
150	326	327	327	328	329	329	330	330	330	331	331	331	331	331	331	331	331	331	331
155	342	342	343	344	344	345	346	346	347	347	348	348	349	349	350	350	351	351	351
160	355	356	356	357	357	358	358	359	359	360	360	361	362	362	363	363	364	364	364
165	365	365	365	365	365	365	365	365	366	366	367	368	368	369	370	371	371	372	372
170	372	372	372	372	371	371	371	371	371	371	372	372	372	373	373	373	374	374	374
175	376	376	376	376	376	376	376	376	376	376	376	376	376	376	377	377	377	377	377
180	376	376	376	376	376	377	377	377	377	377	377	377	377	377	377	377	377	377	377

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm		
NAME: 2FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497
5	495	495	495	495	496	496	496	496	496	496	496	496	496	496	495	495	495	495	495
10	489	489	489	490	490	490	491	491	491	491	491	491	490	490	490	489	489	489	489
15	479	479	480	480	481	481	482	482	482	482	481	481	481	480	480	479	479	478	478
20	464	465	466	466	467	467	468	468	468	468	468	467	466	466	465	465	464	464	463
25	446	446	447	448	448	449	450	450	450	450	450	449	448	448	447	446	445	445	445
30	424	425	426	427	427	428	429	429	429	429	428	427	426	426	425	424	423	422	422
35	398	399	400	401	402	402	403	404	404	403	403	402	401	400	399	398	397	396	396
40	369	370	371	372	373	374	375	375	376	375	374	373	372	371	370	369	367	366	366
45	337	338	339	340	341	342	343	343	344	343	342	341	340	339	337	336	335	334	334
50	302	303	304	305	306	307	308	309	309	309	308	307	306	304	303	302	301	299	299
55	265	266	267	268	270	271	272	272	273	272	271	270	269	267	266	265	263	262	262
60	226	227	228	230	231	232	233	233	234	233	232	231	230	228	227	226	224	223	223
65	186	187	188	190	191	192	193	193	194	193	192	191	189	188	187	185	184	183	183
70	145	146	147	149	150	151	152	152	153	152	151	150	148	147	145	144	142	141	141
75	105	106	107	108	109	110	111	111	112	111	109	108	107	105	104	102	101	99.7	99.7
80	66.2	67.3	68.3	69.2	70.1	70.7	71.3	71.6	71.7	70.3	68.8	67.2	65.4	63.6	61.9	60.2	58.7	57.4	57.6
85	29.9	30.6	31.2	31.7	32.0	32.1	32.1	32.0	31.6	30.0	28.3	26.5	24.6	22.8	21.0	19.4	17.9	16.6	16.9
90	1.53	1.55	1.56	1.57	1.57	1.56	1.54	1.51	1.47	1.34	1.20	1.06	0.91	0.77	0.63	0.51	0.40	0.31	0.34
95	7.18	6.67	6.06	5.37	4.62	3.84	3.04	2.26	1.51	1.20	0.94	0.73	0.62	0.52	0.42	0.34	0.33	0.35	0.34
100	26.6	24.5	21.9	19.0	15.8	12.5	9.25	6.04	3.02	2.04	1.32	0.84	0.56	0.46	0.50	0.67	0.92	1.24	0.98
105	57.2	54.6	51.1	47.0	42.3	37.3	32.1	26.7	21.5	18.2	15.2	12.5	10.0	7.88	6.04	4.54	3.39	2.60	2.63
110	96.8	97.0	96.2	94.5	91.9	88.7	84.7	80.1	75.0	67.3	59.4	51.4	43.5	36.1	29.3	23.3	18.4	14.7	18.5
115	134	134	134	133	132	130	128	125	121	115	107	100	92.9	86.0	79.6	73.9	69.2	65.7	69.2
120	169	169	168	167	166	165	163	161	159	156	153	150	148	145	142	140	138	137	138
125	206	205	204	203	201	200	198	196	195	193	191	190	188	187	186	185	184	183	184
130	236	235	234	233	232	231	229	228	227	225	224	223	222	221	220	220	219	219	220
135	263	263	262	261	261	260	259	258	257	255	254	253	252	250	250	249	248	248	249
140	288	288	288	288	288	288	288	287	287	285	283	282	280	279	277	276	275	274	275
145	309	310	311	311	312	312	312	312	312	310	309	307	305	303	301	300	298	297	298
150	332	332	332	332	332	332	332	332	332	330	329	327	325	324	322	321	319	318	318
155	351	351	351	351	350	350	349	348	348	346	345	343	342	340	339	337	336	335	335
160	364	364	363	363	362	362	361	360	359	358	357	356	354	353	352	351	350	350	350
165	372	371	371	370	370	369	368	367	366	366	365	365	364	363	363	363	362	362	362
170	374	374	374	374	374	374	374	374	373	373	373	372	372	371	371	371	370	370	370
175	377	377	377	377	377	377	377	377	377	377	377	377	376	376	376	376	376	375	375
180	377	378	378	378	378	378	378	378	378	378	378	377	377	377	377	377	376	376	376

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm																		
NAME: 2FT									TYPE:3000K 3.7					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:0.6*0.05					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	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497
5	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	494
10	488	488	488	488	488	488	489	489	489	488	488	488	488	488	488	488	488	488	487
15	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	477	477	477
20	463	463	463	463	463	464	464	464	464	464	463	463	463	463	463	463	462	462	461
25	444	444	444	445	445	445	445	445	445	445	445	445	445	444	444	444	444	443	442
30	422	422	422	422	422	422	422	422	422	422	422	422	422	422	421	421	421	420	419
35	395	395	395	396	396	396	396	396	396	396	396	396	396	396	396	396	395	394	393
40	366	366	366	367	367	367	367	368	368	368	367	367	367	367	367	366	366	365	364
45	334	334	334	334	335	335	335	335	336	336	336	335	335	335	335	334	334	333	332
50	299	299	299	300	300	300	300	301	301	301	301	301	301	301	300	300	299	298	297
55	262	262	262	262	262	263	263	263	263	264	264	264	264	263	263	263	262	261	260
60	223	223	223	223	224	224	224	224	225	225	225	225	225	225	225	224	224	222	221
65	183	183	183	183	184	184	184	185	185	185	185	185	185	185	185	184	184	182	181
70	141	141	142	142	142	143	143	144	144	144	144	144	144	144	144	143	143	141	140
75	99.8	100	101	101	102	102	103	103	103	104	104	104	104	104	103	103	102	101	99.7
80	58.1	58.7	59.4	60.3	61.2	62.2	63.2	64.1	64.5	64.9	65.1	65.3	65.3	65.2	65.0	64.6	64.1	62.7	61.3
85	17.4	18.2	19.1	20.1	21.3	22.5	23.7	24.9	25.7	26.5	27.2	27.7	28.1	28.4	28.5	28.4	28.0	26.6	25.0
90	0.39	0.46	0.54	0.64	0.74	0.84	0.95	1.05	1.09	1.13	1.16	1.19	1.22	1.24	1.26	1.27	1.28	1.32	1.35
95	0.34	0.38	0.43	0.50	0.60	0.72	0.86	1.03	1.34	1.67	2.00	2.33	2.64	2.92	3.17	3.38	3.53	3.36	3.13
100	0.77	0.64	0.58	0.64	0.81	1.12	1.59	2.23	4.20	6.28	8.43	10.6	12.6	14.5	16.2	17.7	18.7	17.6	16.1
105	3.02	3.77	4.85	6.25	7.97	9.97	12.2	14.8	19.1	23.5	27.8	32.1	36.1	39.7	42.8	45.2	46.9	44.0	40.4
110	23.5	29.5	36.3	43.6	51.2	59.0	66.5	73.7	77.3	80.3	82.6	84.3	85.3	85.7	85.5	84.5	82.9	79.2	74.9
115	73.8	79.3	85.5	92.2	99.1	106	113	119	121	123	124	124	124	124	123	122	120	120	119
120	140	143	145	148	151	154	157	159	161	162	163	163	163	164	164	163	163	163	162
125	185	186	188	189	190	192	193	194	195	195	195	195	195	195	195	195	194	195	195
130	221	222	223	225	226	227	228	229	229	229	229	228	228	227	227	226	226	226	227
135	251	252	254	255	257	259	260	261	261	260	260	259	258	257	256	255	255	255	256
140	276	278	280	281	283	285	286	288	287	287	286	286	285	284	283	283	282	283	284
145	299	300	301	303	304	306	307	309	309	310	310	310	310	310	310	310	310	311	311
150	318	319	320	320	321	322	323	324	325	326	327	328	328	329	330	330	331	330	330
155	335	336	336	337	337	338	339	340	340	341	341	342	342	343	343	344	344	344	344
160	350	350	351	351	351	352	353	353	353	353	353	353	353	353	354	354	354	354	354
165	362	362	362	363	363	363	364	364	364	364	364	364	364	364	364	364	364	364	365
170	370	370	371	371	371	371	371	372	372	372	372	372	372	372	372	372	372	372	372
175	375	375	375	375	376	376	376	376	376	376	376	376	376	376	376	376	376	377	377
180	376	376	376	376	376	377	377	377	377	377	377	377	377	377	377	377	377	377	378

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:120.2V I:0.4130A P:26.30W PF:0.9900 Freq:60.00Hz Lamp Flux:2423.51x1 lm																	
NAME: 2FT									TYPE:3000K 3.7						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.6*0.05						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	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497				
5	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494				
10	487	487	487	486	486	486	486	486	486	486	486	486	486	487	487				
15	476	476	475	475	474	474	474	474	474	474	474	475	475	476	476				
20	460	460	459	459	458	458	458	458	458	458	458	459	459	460	461				
25	441	441	440	439	439	438	438	438	438	438	438	439	439	440	441				
30	418	418	417	416	415	415	414	414	414	415	415	416	416	417	418				
35	392	391	390	389	388	388	387	387	387	388	388	389	390	391	392				
40	362	361	360	359	358	357	357	357	357	358	358	359	360	361	363				
45	330	329	328	327	325	325	324	324	324	325	325	326	327	329	330				
50	295	294	293	291	290	289	288	288	289	289	290	291	292	294	296				
55	258	257	255	254	253	252	251	251	251	252	252	253	255	256	258				
60	219	218	216	215	213	212	211	211	212	212	213	214	216	217	219				
65	179	178	176	174	173	172	171	171	171	172	173	174	176	177	179				
70	138	137	135	134	133	131	131	131	131	131	132	133	135	136	138				
75	98.3	96.9	95.5	94.1	92.9	91.8	91.0	90.8	90.9	91.3	91.8	92.6	93.7	94.9	96.4				
80	59.8	58.2	56.7	55.2	53.8	52.5	51.4	51.1	50.9	51.0	51.3	51.8	52.6	53.5	54.7				
85	23.2	21.4	19.5	17.6	15.8	14.1	12.6	12.0	11.5	11.3	11.3	11.5	12.0	12.6	13.4				
90	1.38	1.41	1.42	1.43	1.43	1.42	1.40	1.35	1.29	1.22	1.13	1.03	0.92	0.80	0.66				
95	2.87	2.57	2.24	1.91	1.57	1.24	0.92	0.77	0.65	0.56	0.50	0.48	0.46	0.47	0.51				
100	14.3	12.3	10.1	7.92	5.71	3.56	1.56	0.69	0.30	0.32	0.33	0.34	0.36	0.37	0.44				
105	36.1	31.4	26.4	21.3	16.1	11.1	6.40	4.13	2.31	0.94	0.29	0.31	0.34	0.37	0.82				
110	70.1	64.9	59.4	53.8	48.0	42.3	36.6	32.5	28.6	24.9	21.4	18.2	15.1	12.3	9.70				
115	118	116	114	112	109	105	101	95.3	89.1	82.3	74.9	66.7	58.0	48.6	38.5				
120	162	161	159	157	155	152	149	144	139	133	126	119	111	103	94.1				
125	195	195	195	195	195	194	193	191	189	187	184	181	178	174	170				
130	228	228	229	230	230	230	230	230	229	228	226	225	223	221	218				
135	257	258	259	261	262	262	263	263	263	262	262	261	260	259	257				
140	284	285	286	287	288	289	290	290	290	289	289	288	288	287	286				
145	311	311	311	311	311	311	311	311	311	310	310	309	309	308	307				
150	330	329	329	328	328	327	327	327	326	326	326	326	326	326	326				
155	344	343	343	343	343	342	342	342	342	342	342	342	342	342	342				
160	354	354	355	355	355	355	356	356	356	356	356	356	356	356	355				
165	365	365	365	365	366	366	366	366	366	366	366	366	366	366	366				
170	372	373	373	373	373	373	374	374	374	373	373	373	373	373	373				
175	377	377	377	378	378	378	378	378	378	378	378	378	377	377	377				
180	378	378	378	378	378	378	378	378	378	378	378	377	377	377	377				

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: