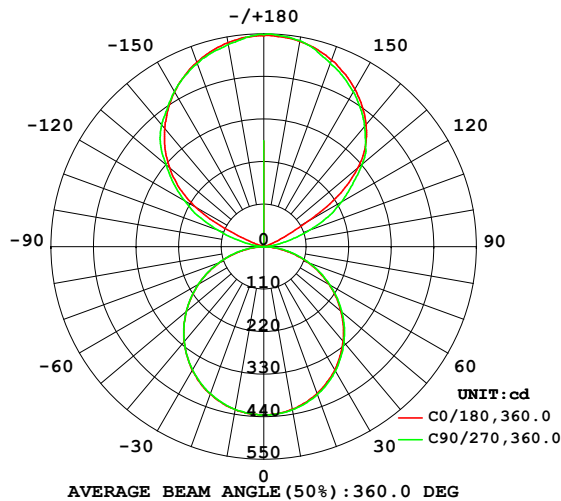


LUMINAIRE PHOTOMETRIC TEST REPORT

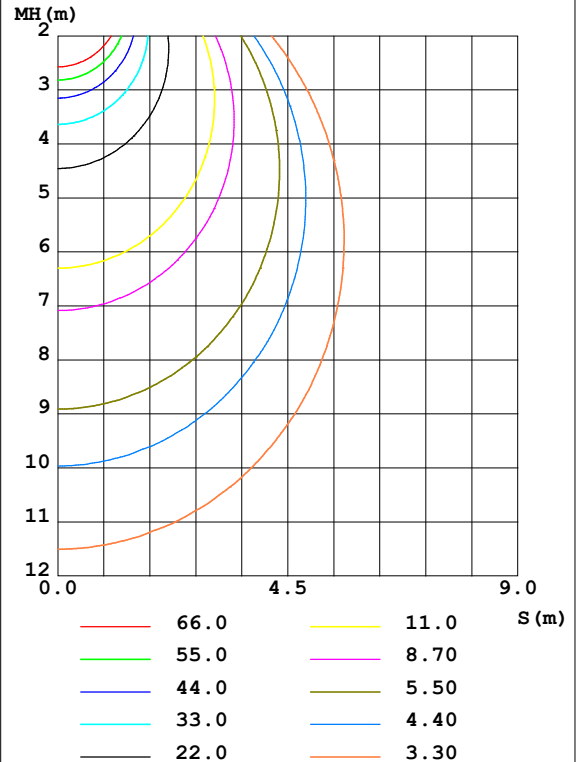
Test:U:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.67 lm/W			
MODEL		I _{max} (cd)	550.3	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)	2667.7	η UP,DN(C0-180)	26.2,23.9
NOMINAL FLUX(lm)	2667.68	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	26.6,23.4
LAMPS INSIDE	1	η up(%)	52.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	47.2	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:

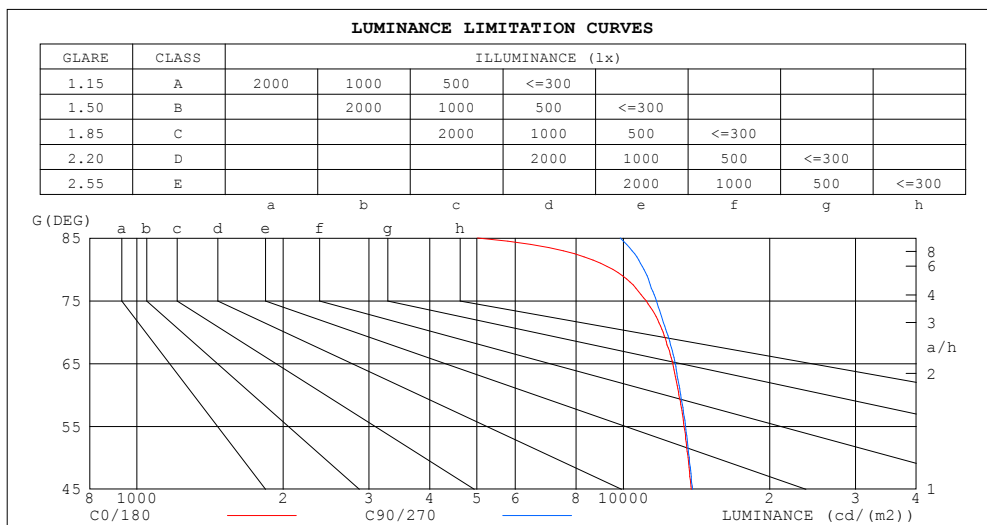
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	426.4	426.8	428.3	429.6	427.9	427.4	427.5	424.8	0- 10	41.16	41.16	1.54,1.54
20	404.1	404.6	406.6	409.8	405.6	405.5	404.7	399.8	10- 20	118.0	159.1	5.97,5.97
30	368.0	369.2	370.9	375.7	369.9	369.2	368.7	362.1	20- 30	179.1	338.2	12.7,12.7
40	319.4	321.3	322.4	328.4	320.4	321.2	319.9	312.1	30- 40	216.5	554.7	20.8,20.8
50	261.2	262.1	264.0	270.8	261.8	262.9	261.8	251.7	40- 50	225.4	780.2	29.2,29.2
60	194.3	193.8	197.2	204.6	195.1	196.1	195.9	184.9	50- 60	204.8	985.0	36.9,36.9
70	123.4	121.4	126.3	133.0	122.9	125.7	124.3	114.1	60- 70	157.9	1143	42.8,42.8
80	49.36	51.98	57.56	62.87	49.91	56.28	55.74	45.03	70- 80	93.18	1236	46.3,46.3
90	0.5336	1.517	1.573	1.527	0.3011	0.9874	1.399	1.450	80- 90	23.70	1260	47.2,47.2
100	1.607	2.438	35.72	4.287	1.658	3.237	32.74	2.127	90-100	4.149	1264	47.4,47.4
110	14.05	48.84	126.5	102.6	26.87	107.9	128.3	59.54	100-110	36.67	1301	48.8,48.8
120	134.6	215.4	232.3	226.5	202.3	233.7	235.8	221.6	110-120	143.7	1444	54.1,54.1
130	318.3	319.1	332.7	320.5	318.4	331.3	330.0	331.3	120-130	244.9	1689	63.3,63.3
140	411.8	396.0	405.3	399.5	398.6	403.7	411.2	404.8	130-140	283.0	1972	73.9,73.9
150	471.0	455.7	463.0	460.1	461.7	462.2	463.1	463.8	140-150	271.9	2244	84.1,84.1
160	512.9	504.9	504.4	511.3	507.0	502.8	503.7	506.5	150-160	224.1	2468	92.5,92.5
170	538.8	537.4	540.5	540.8	535.5	531.0	530.6	533.9	160-170	147.7	2616	98.1,98.1
180	544.9	546.4	548.0	548.4	544.9	546.4	548.0	548.4	170-180	51.70	2668	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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5018	9856
80	9512	11030
75	11137	11694
70	12069	12285
65	12637	12789
60	13004	13123
55	13324	13435
50	13600	13665
45	13803	13880

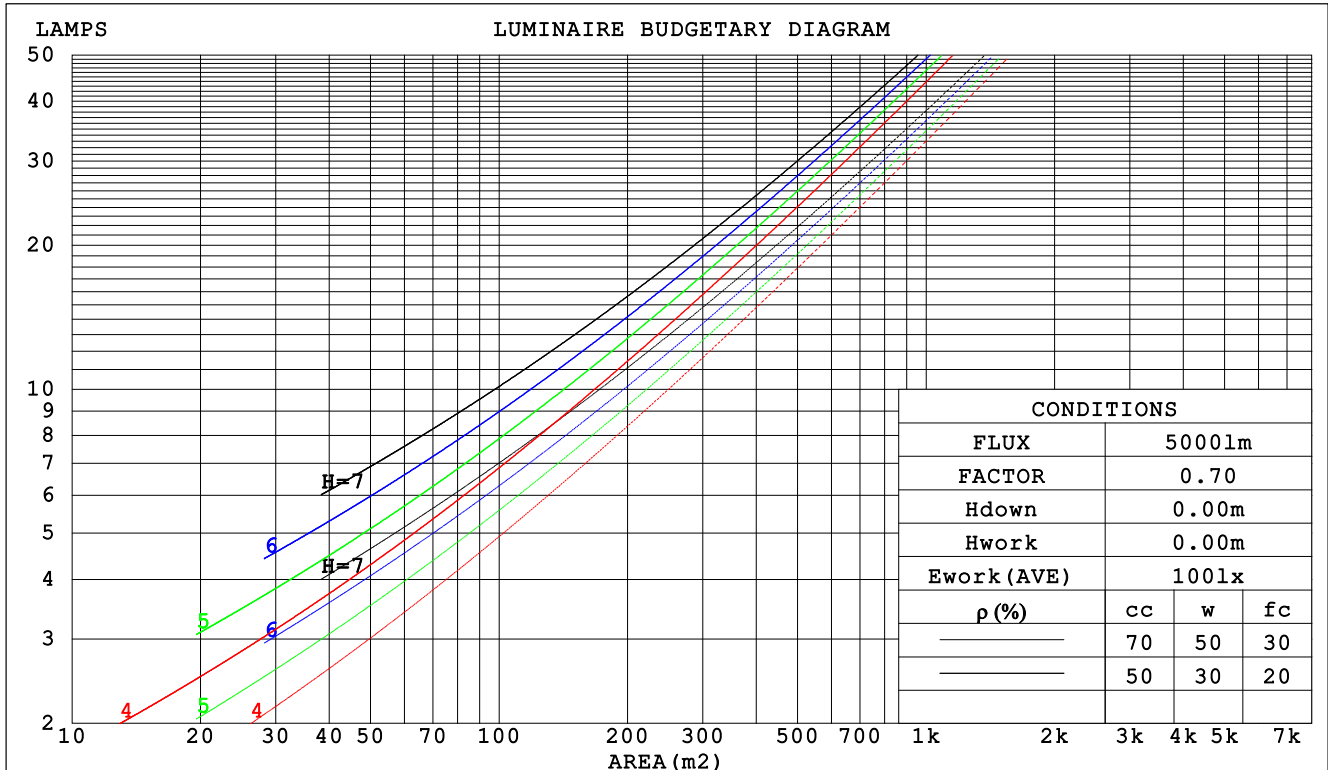
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	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	1.06	1.06	1.06	.98	.98	.98	.82	.82	.82	.67	.67	.67	.54	.54	.54	.47
1.0	.93	.89	.85	.85	.82	.79	.71	.69	.67	.59	.57	.55	.47	.46	.45	.39
2.0	.81	.74	.69	.74	.69	.64	.62	.58	.55	.51	.48	.46	.41	.39	.37	.33
3.0	.71	.63	.57	.65	.59	.53	.55	.50	.46	.45	.42	.39	.36	.34	.32	.27
4.0	.62	.54	.48	.58	.51	.45	.49	.43	.39	.40	.36	.33	.32	.29	.27	.23
5.0	.55	.47	.41	.51	.44	.39	.43	.38	.33	.36	.32	.28	.29	.26	.23	.20
6.0	.50	.41	.36	.46	.39	.33	.39	.33	.29	.32	.28	.25	.26	.23	.21	.18
7.0	.45	.37	.31	.41	.34	.29	.35	.30	.25	.29	.25	.22	.24	.21	.18	.16
8.0	.41	.33	.27	.38	.31	.26	.32	.27	.23	.27	.23	.19	.22	.19	.16	.14
9.0	.37	.29	.24	.34	.28	.23	.29	.24	.20	.25	.20	.17	.20	.17	.15	.12
10.0	.34	.27	.22	.31	.25	.21	.27	.22	.18	.23	.19	.16	.19	.16	.13	.11



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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm					
NAME: 2FT			TYPE:4000K 5.5		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	.283	.161	.051	.260	.149	.047	.217	.125	.040	.178	.103	.033	.142	.082	.026		
2.0	.264	.145	.044	.243	.134	.041	.204	.113	.035	.168	.094	.029	.134	.076	.024		
3.0	.244	.130	.039	.225	.120	.036	.189	.102	.031	.156	.085	.026	.125	.069	.021		
4.0	.225	.117	.034	.208	.109	.032	.175	.093	.028	.144	.077	.023	.116	.063	.019		
5.0	.209	.106	.031	.193	.099	.029	.162	.084	.025	.134	.071	.021	.107	.057	.017		
6.0	.194	.097	.028	.179	.090	.026	.151	.077	.023	.125	.065	.019	.100	.053	.016		
7.0	.181	.089	.025	.167	.083	.024	.141	.071	.021	.117	.060	.017	.094	.049	.014		
8.0	.169	.083	.023	.156	.077	.022	.132	.066	.019	.109	.055	.016	.088	.045	.013		
9.0	.159	.077	.021	.147	.072	.020	.124	.061	.017	.103	.052	.015	.083	.042	.012		
10.0	.149	.072	.020	.138	.067	.019	.117	.057	.016	.097	.048	.014	.078	.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	.593	.593	.593	.506	.506	.506	.346	.346	.346	.199	.199	.199	.063	.063	.063	
1.0	.584	.562	.542	.500	.482	.466	.342	.332	.323	.197	.192	.188	.063	.062	.061	
2.0	.577	.540	.510	.494	.465	.440	.338	.322	.307	.195	.187	.180	.063	.061	.059	
3.0	.570	.524	.488	.488	.452	.423	.335	.314	.297	.194	.184	.175	.062	.060	.057	
4.0	.563	.513	.474	.483	.443	.412	.332	.309	.290	.192	.181	.172	.062	.059	.056	
5.0	.557	.503	.464	.478	.435	.404	.329	.304	.285	.191	.179	.169	.061	.058	.056	
6.0	.550	.496	.457	.473	.429	.398	.326	.301	.281	.189	.177	.167	.061	.058	.055	
7.0	.544	.490	.452	.468	.425	.393	.324	.298	.279	.188	.175	.166	.061	.057	.055	
8.0	.539	.485	.447	.464	.420	.390	.321	.295	.277	.187	.174	.165	.060	.057	.055	
9.0	.533	.480	.444	.460	.417	.388	.318	.293	.275	.185	.173	.164	.060	.057	.054	
10.0	.528	.476	.442	.456	.414	.386	.316	.291	.274	.184	.172	.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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm										
NAME: 2FT					TYPE:4000K 5.5			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	18.4	19.3	19.3	20.2	21.3	18.4	19.3	19.3	20.2	21.4
3H	19.8	20.7	20.7	21.6	22.7	19.9	20.7	20.8	21.6	22.8
4H	20.4	21.2	21.3	22.1	23.3	20.5	21.2	21.4	22.2	23.4
6H	20.7	21.4	21.7	22.4	23.6	20.9	21.6	21.8	22.6	23.8
8H	20.8	21.5	21.7	22.4	23.7	21.0	21.7	22.0	22.7	23.9
12H	20.8	21.4	21.7	22.4	23.6	21.1	21.8	22.1	22.7	24.0
4H 2H	18.8	19.6	19.7	20.5	21.7	18.8	19.6	19.8	20.5	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	22.0	22.6	23.9	21.2	21.7	22.1	22.7	24.0
6H	21.5	22.0	22.5	23.0	24.3	21.7	22.2	22.7	23.2	24.5
8H	21.6	22.1	22.6	23.1	24.4	21.9	22.4	22.9	23.4	24.7
12H	21.6	22.1	22.6	23.1	24.4	22.0	22.4	23.0	23.4	24.8
8H 4H	21.2	21.7	22.2	22.7	24.0	21.3	21.8	22.3	22.8	24.1
6H	21.8	22.2	22.8	23.2	24.5	22.0	22.4	23.0	23.4	24.7
8H	22.0	22.3	23.0	23.3	24.7	22.2	22.6	23.3	23.6	25.0
12H	22.0	22.3	23.1	23.3	24.7	22.4	22.7	23.5	23.7	25.1
12H 4H	21.2	21.6	22.2	22.6	23.9	21.2	21.7	22.3	22.7	24.0
6H	21.8	22.1	22.8	23.2	24.5	22.0	22.3	23.0	23.3	24.7
8H	22.0	22.3	23.0	23.3	24.7	22.3	22.5	23.3	23.6	25.0
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 2668 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.4)

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

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

UTILIZATION FACTORS TABLE

Test:U:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

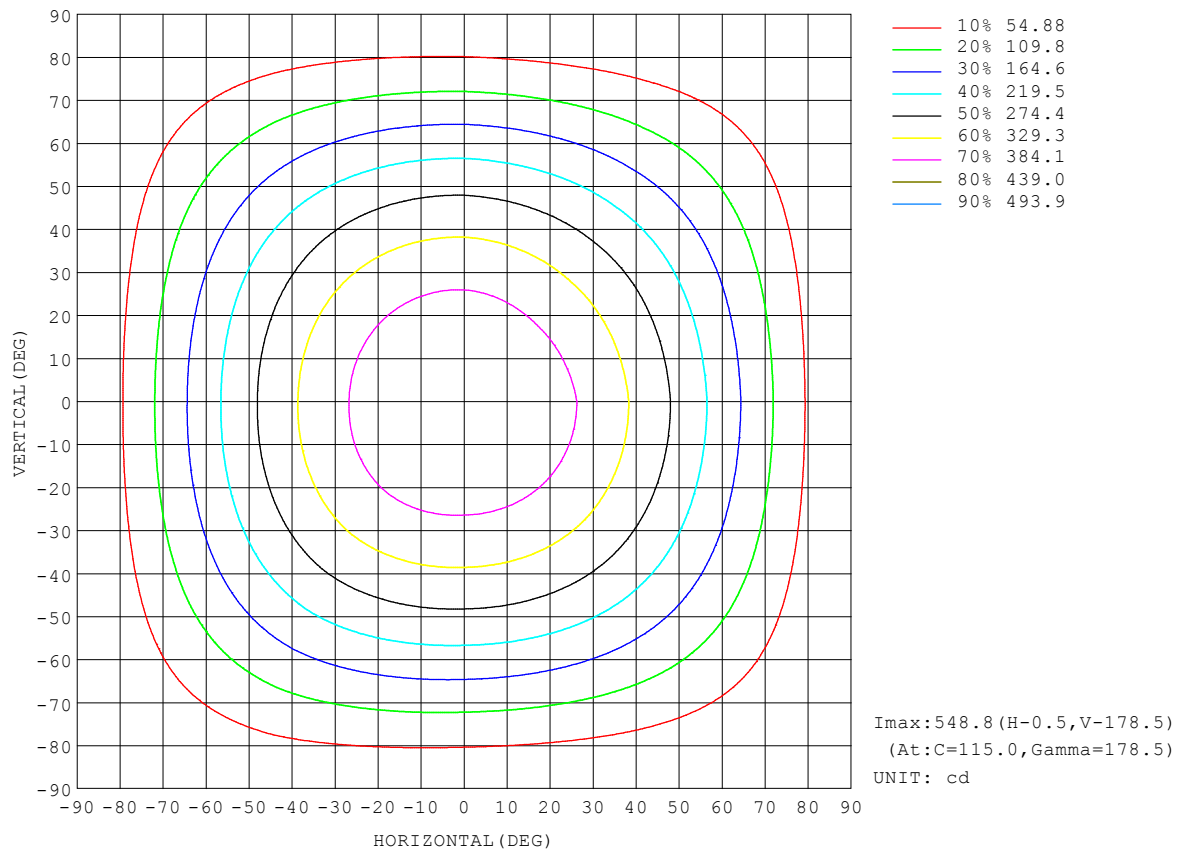
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	32	26	41	31	25	36	28	23	15
0.80	53	41	34	49	39	33	43	35	30	19
1.00	60	49	42	56	46	40	48	42	36	23
1.25	67	56	49	63	53	46	54	46	41	27
1.50	73	62	55	67	58	52	57	51	46	29
2.00	80	70	63	74	66	60	62	57	52	33
2.50	84	76	69	78	70	65	66	60	56	35
3.00	88	80	74	81	74	69	68	64	60	37
4.00	92	86	81	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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

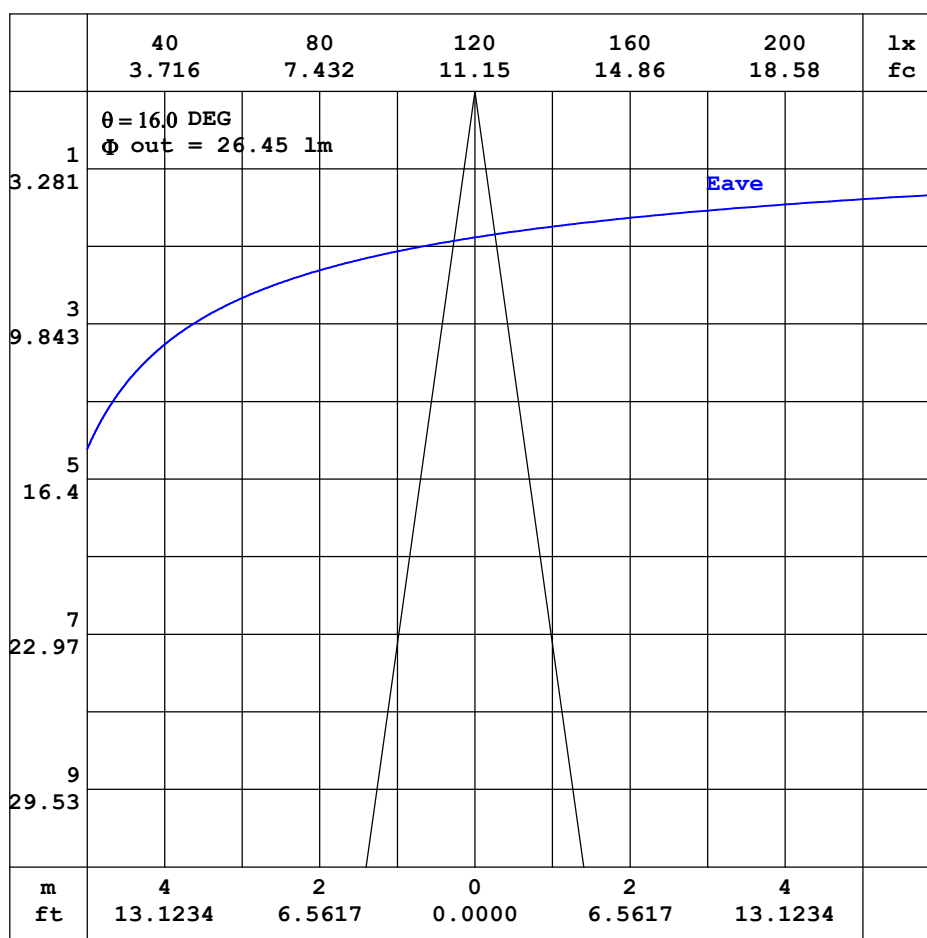


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



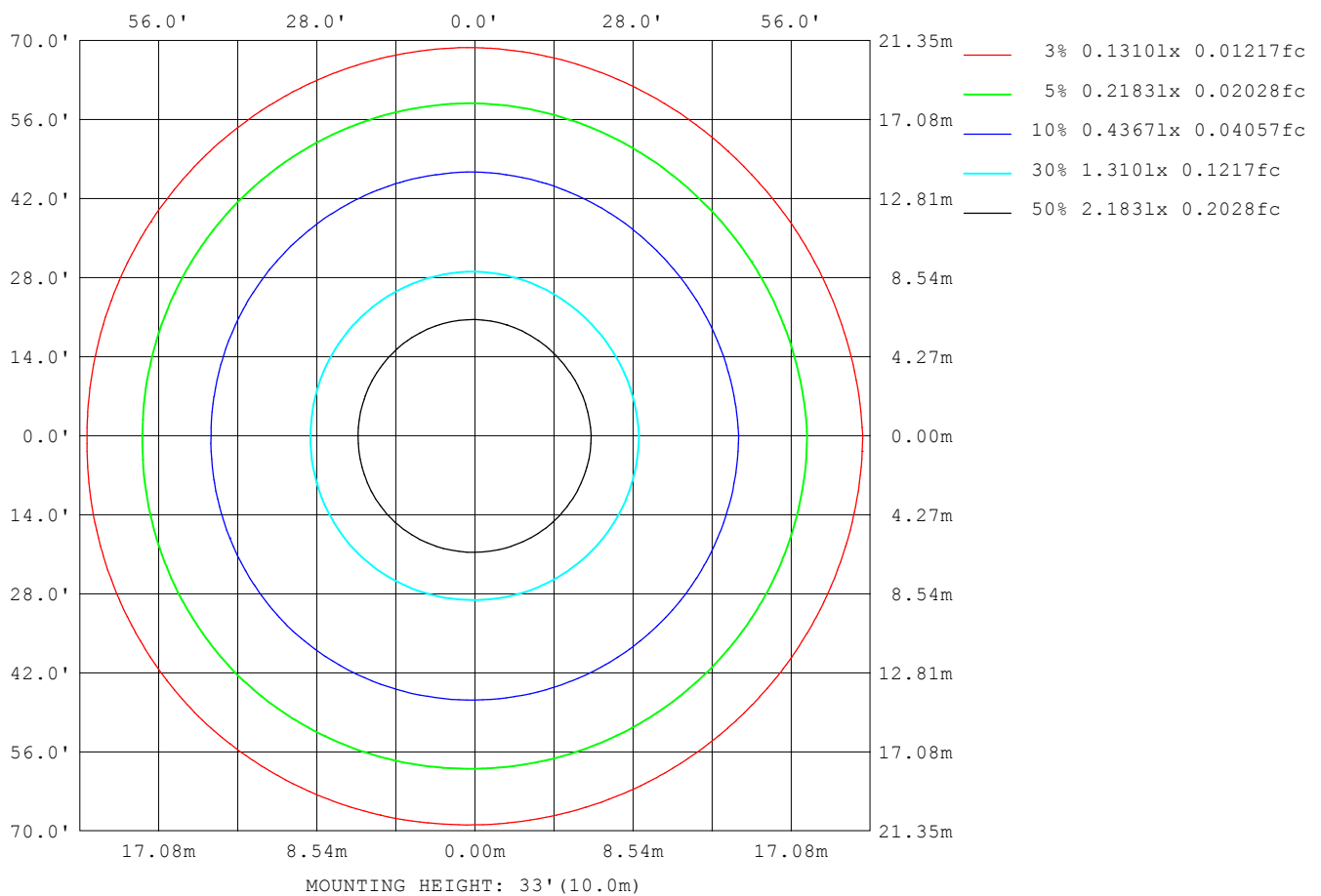
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

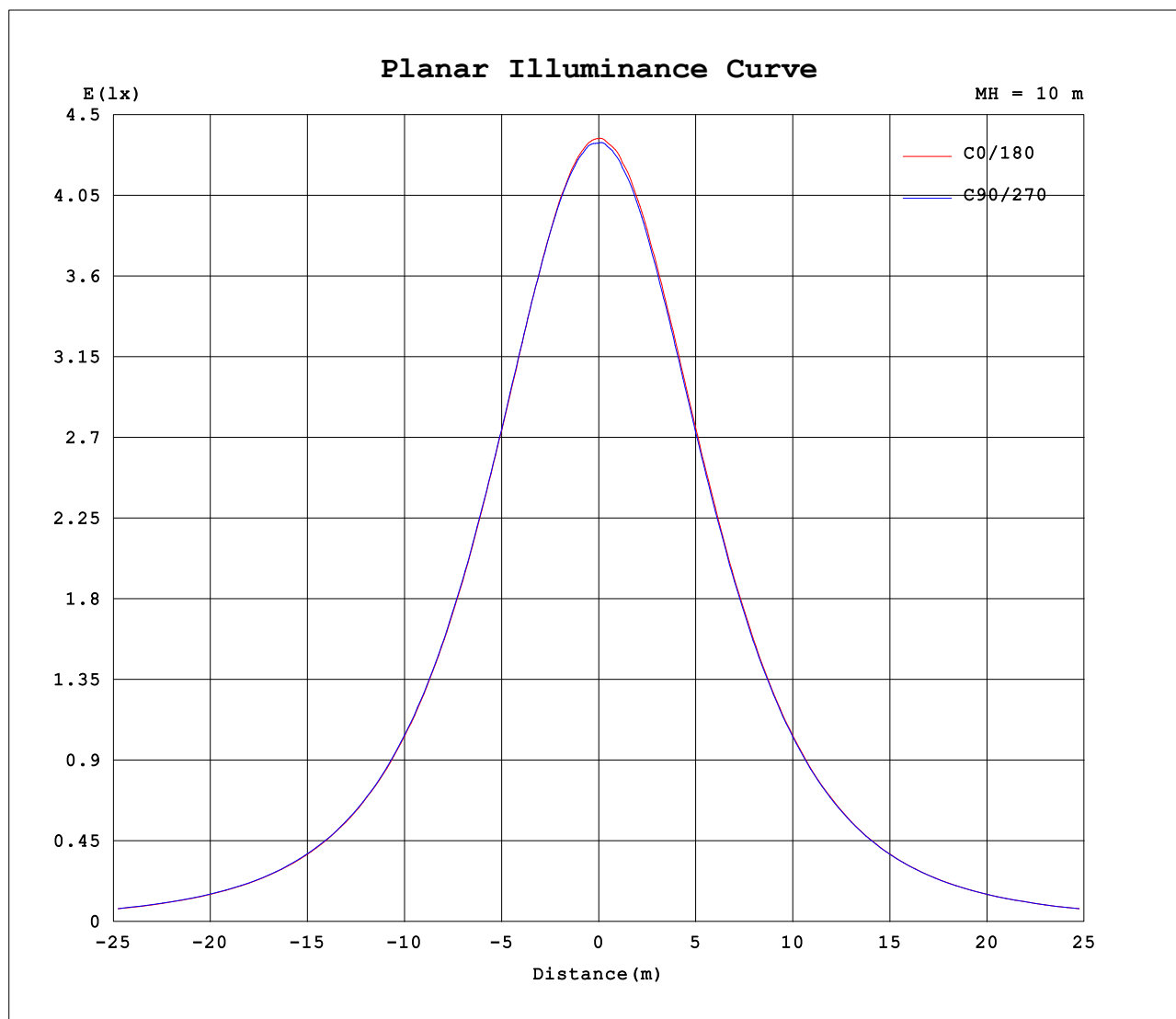
AvgL	cd/m2
L_0~180 (65) av	12589
L_0~180 (75) av	11144
L_0~180 (85) av	5216
L_90~270 (65) av	12743
L_90~270 (75) av	11609
L_90~270 (85) av	9587
L_45 (65) av	12586
L_45 (75) av	11398
L_45 (85) av	7566

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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	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	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435
5	433	433	433	433	433	433	433	433	433	433	433	433	433	433	433	433	433	434	434
10	426	426	426	426	426	427	427	427	427	427	427	427	427	427	428	428	428	428	428
15	418	418	418	418	418	418	418	418	418	418	418	418	418	418	419	419	419	419	419
20	404	404	404	404	404	404	404	404	405	405	405	405	405	405	406	406	406	406	407
25	387	387	387	388	388	388	388	388	389	389	389	389	389	389	390	390	390	390	390
30	368	368	368	368	368	369	369	369	369	369	369	369	370	370	370	370	370	371	371
35	345	345	345	345	345	345	345	345	346	346	346	346	346	347	347	347	347	348	348
40	319	320	320	320	320	321	321	321	321	321	321	321	321	322	322	322	322	322	322
45	292	292	292	292	292	292	292	292	293	293	293	293	293	293	294	294	294	295	295
50	261	261	261	261	262	262	262	262	262	262	262	262	262	263	263	263	263	264	264
55	228	228	228	228	228	229	229	229	229	229	229	229	230	230	230	230	231	231	232
60	194	194	194	194	194	194	194	194	194	194	194	194	194	195	195	196	196	197	197
65	160	159	159	158	158	158	158	158	158	158	158	159	159	159	160	160	161	162	162
70	123	123	122	122	122	121	121	121	121	121	122	122	123	123	124	124	125	126	126
75	86.1	86.0	85.9	85.8	85.8	85.8	85.9	86.1	86.2	86.5	86.8	87.2	87.6	88.1	88.6	89.1	89.7	90.3	91.0
80	49.4	49.5	49.7	49.9	50.2	50.4	50.8	51.1	51.5	52.0	52.5	53.1	53.7	54.3	54.9	55.6	56.2	56.9	57.6
85	13.1	13.5	13.9	14.4	14.9	15.5	16.0	16.7	17.3	18.0	18.9	19.8	20.7	21.6	22.5	23.4	24.3	25.1	25.8
90	0.53	0.69	0.83	0.96	1.08	1.19	1.29	1.38	1.45	1.52	1.55	1.58	1.60	1.61	1.61	1.61	1.60	1.59	1.57
95	0.69	0.45	0.52	0.58	0.63	0.67	0.70	0.72	1.04	1.46	2.35	3.30	4.27	5.24	6.17	7.04	7.82	8.47	8.97
100	1.61	0.43	0.45	0.47	0.49	0.51	0.51	0.52	0.75	2.44	6.30	10.4	14.7	19.0	23.1	27.0	30.5	33.4	35.7
105	2.88	0.86	0.48	0.48	0.49	0.50	1.46	3.72	6.70	10.4	17.8	25.8	34.0	42.2	50.3	57.9	64.9	71.0	76.0
110	14.0	15.8	18.1	20.9	24.2	28.1	32.5	37.4	42.9	48.8	58.0	67.5	77.1	86.6	95.9	105	113	120	127
115	53.2	63.6	73.6	83.2	92.4	101	110	118	126	133	141	148	155	162	168	173	177	181	184
120	135	147	158	169	178	187	196	203	210	215	220	223	226	228	230	231	232	232	232
125	243	248	253	257	261	265	268	271	273	275	277	278	279	280	280	280	280	280	280
130	318	318	317	317	317	317	317	318	318	319	321	322	324	326	328	329	331	332	333
135	373	370	368	366	364	363	362	361	361	360	361	363	364	365	367	368	370	371	372
140	412	409	406	404	402	400	398	397	396	396	396	397	398	399	401	402	403	404	405
145	443	441	438	436	434	432	431	430	429	428	429	429	430	431	432	433	434	435	436
150	471	468	466	463	461	460	458	457	456	456	456	456	457	458	459	460	461	462	463
155	494	492	490	488	486	484	483	482	481	481	481	481	481	482	482	483	484	485	485
160	513	512	510	509	508	508	507	506	505	505	504	504	504	504	504	504	504	504	504
165	529	528	528	527	527	526	526	526	526	525	525	525	525	525	525	525	525	525	525
170	539	538	538	538	538	537	537	537	537	537	538	538	538	539	539	539	540	540	541
175	545	544	544	544	544	544	544	544	544	544	544	545	545	545	546	546	546	547	547
180	545	545	545	545	546	546	546	546	546	546	547	547	547	547	547	548	548	548	548

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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	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	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435
5	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434
10	428	429	429	429	429	429	429	430	430	429	429	429	429	429	429	428	428	428	428
15	420	420	420	421	421	421	421	422	422	421	421	421	420	420	419	419	419	418	418
20	407	408	408	408	409	409	409	410	410	410	409	409	408	408	407	407	406	406	405
25	391	391	392	392	393	393	394	394	394	394	393	393	392	391	391	390	390	389	389
30	372	372	373	373	374	375	375	375	376	375	375	374	373	373	372	371	371	370	370
35	349	350	350	351	352	352	353	353	353	353	352	351	350	349	349	348	347	346	346
40	323	324	325	326	326	327	328	328	328	328	327	326	325	324	323	322	321	320	320
45	296	297	297	298	299	300	300	301	301	300	300	299	298	296	295	294	293	292	292
50	265	266	267	268	269	269	270	270	271	270	269	268	267	266	265	264	263	262	262
55	233	234	234	235	236	237	238	238	239	238	237	236	235	234	232	231	230	229	229
60	198	199	200	201	202	203	204	204	205	204	203	202	201	200	198	197	196	195	195
65	163	164	166	166	167	168	169	169	170	169	168	167	166	164	163	162	161	160	159
70	127	128	129	130	131	132	132	133	133	132	131	130	129	128	126	125	124	123	123
75	92.0	93.0	94.0	94.9	95.8	96.5	97.1	97.6	97.8	96.9	95.8	94.6	93.2	91.9	90.5	89.2	88.0	86.9	86.9
80	58.5	59.4	60.3	61.0	61.7	62.2	62.6	62.9	62.9	61.6	60.2	58.7	57.1	55.5	53.9	52.4	51.1	49.9	50.1
85	26.5	27.1	27.6	28.0	28.3	28.5	28.4	28.3	27.9	26.5	24.9	23.2	21.5	19.8	18.2	16.7	15.3	14.2	14.5
90	1.59	1.61	1.62	1.63	1.63	1.62	1.60	1.57	1.53	1.39	1.25	1.10	0.94	0.79	0.65	0.52	0.40	0.30	0.32
95	8.52	7.91	7.17	6.33	5.43	4.49	3.53	2.59	1.70	1.33	1.03	0.80	0.62	0.50	0.42	0.39	0.39	0.42	0.35
100	33.7	31.0	27.8	24.2	20.3	16.2	12.1	8.07	4.29	3.02	2.08	1.42	1.02	0.85	0.85	1.02	1.29	1.66	1.20
105	74.5	71.8	68.1	63.6	58.3	52.6	46.5	40.3	34.0	29.2	24.7	20.4	16.5	13.0	9.88	7.28	5.25	3.83	4.45
110	128	128	127	126	123	119	114	109	103	92.9	82.8	72.7	62.8	53.4	44.9	37.4	31.3	26.9	32.1
115	185	185	184	182	180	177	174	169	165	157	149	141	133	125	118	112	108	104	109
120	233	233	233	232	232	231	230	228	226	223	220	217	214	211	208	205	204	202	205
125	279	279	278	278	277	276	275	274	274	272	271	270	269	269	268	268	268	268	270
130	332	331	330	328	327	325	324	322	321	320	319	318	318	318	318	318	318	318	320
135	372	371	370	369	367	366	365	364	362	362	361	361	361	361	361	361	361	362	362
140	405	405	404	403	403	402	401	400	400	399	399	399	398	398	398	398	398	399	399
145	436	436	435	435	434	434	433	432	432	432	432	431	431	431	431	432	432	432	432
150	463	463	462	462	462	461	461	460	460	460	460	460	461	461	461	461	461	462	462
155	486	486	486	486	487	487	487	487	487	487	487	487	487	487	487	487	486	486	486
160	505	506	507	508	508	509	510	511	511	511	511	511	510	510	509	508	508	507	506
165	526	526	527	527	528	528	529	529	529	529	529	528	527	527	526	525	524	524	523
170	541	541	541	541	541	541	541	541	541	540	540	539	539	538	537	537	536	536	535
175	547	547	548	548	548	548	548	548	548	548	547	547	546	545	545	544	544	543	543
180	548	548	548	548	549	549	549	549	548	548	548	547	547	546	546	546	545	545	545

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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm		
NAME: 2FT	TYPE:4000K 5.5	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	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435
5	433	433	433	433	433	433	433	433	433	433	433	433	433	433	433	433	433	433	433
10	428	428	428	427	427	427	427	427	427	427	428	428	428	428	428	428	428	427	427
15	418	418	418	418	418	418	418	418	418	418	418	418	418	418	418	418	418	417	417
20	405	405	405	405	405	405	405	406	406	406	405	405	405	405	405	405	405	404	403
25	389	389	389	389	389	389	389	389	389	389	389	389	389	389	389	389	388	388	387
30	369	369	369	369	369	369	369	369	369	369	369	369	369	369	369	369	369	368	367
35	346	346	346	346	346	346	346	346	346	346	346	346	346	346	346	346	346	345	344
40	320	320	320	320	321	321	321	321	321	321	321	321	321	321	321	320	320	319	318
45	292	292	292	292	293	293	293	293	293	293	293	293	293	293	293	293	293	292	290
50	262	262	262	262	262	262	263	263	263	263	263	263	263	263	263	262	262	261	259
55	229	229	229	229	229	230	230	230	230	230	230	230	230	230	230	230	229	228	227
60	195	195	195	195	195	196	196	196	196	196	197	197	197	197	196	196	196	195	193
65	159	160	160	160	160	160	161	161	161	161	162	162	162	162	161	161	161	159	158
70	123	123	124	124	124	125	125	126	126	126	126	126	126	126	125	125	124	123	122
75	87.1	87.4	87.7	88.2	88.7	89.2	89.7	90.2	90.4	90.6	90.6	90.6	90.5	90.4	90.1	89.8	89.3	88.2	87.0
80	50.6	51.2	51.9	52.7	53.6	54.5	55.4	56.3	56.6	56.9	57.0	57.1	57.0	56.9	56.6	56.2	55.7	54.6	53.4
85	15.0	15.7	16.6	17.6	18.6	19.7	20.9	21.9	22.7	23.3	23.8	24.3	24.6	24.7	24.8	24.6	24.3	23.1	21.7
90	0.37	0.43	0.50	0.59	0.68	0.78	0.88	0.99	1.05	1.11	1.16	1.21	1.26	1.30	1.34	1.37	1.40	1.43	1.46
95	0.31	0.31	0.34	0.41	0.53	0.70	0.91	1.19	1.87	2.59	3.32	4.05	4.75	5.40	5.97	6.45	6.82	6.44	5.94
100	0.82	0.55	0.44	0.51	0.79	1.31	2.12	3.24	6.74	10.5	14.3	18.1	21.8	25.2	28.3	30.8	32.7	30.7	28.0
105	5.70	7.54	9.91	12.8	16.1	19.8	23.9	28.3	34.8	41.3	47.8	54.0	59.7	64.9	69.2	72.6	74.8	70.3	64.7
110	39.0	47.2	56.4	66.4	76.9	87.5	97.9	108	114	119	123	126	129	130	130	130	128	123	117
115	116	123	131	140	149	159	168	176	180	183	186	188	189	189	189	188	186	185	182
120	207	211	214	218	222	226	230	234	235	236	237	237	238	238	237	237	236	236	236
125	272	274	277	279	282	284	287	289	289	289	288	288	287	286	286	285	284	285	286
130	321	322	324	326	327	329	330	331	332	332	332	331	331	331	331	330	330	330	331
135	362	363	364	364	365	366	367	368	369	370	372	373	374	375	376	377	378	377	376
140	399	400	400	401	402	402	403	404	405	406	407	408	409	409	410	411	411	411	410
145	433	433	433	434	434	434	435	435	435	435	435	435	435	435	435	435	435	435	435
150	462	462	462	462	462	462	462	462	462	462	463	463	463	463	463	463	463	463	463
155	486	486	486	486	485	485	485	485	485	485	485	485	485	485	486	486	486	486	486
160	506	505	505	504	504	503	503	503	503	503	503	503	503	503	503	503	504	504	504
165	522	521	520	520	519	518	518	517	517	517	517	518	518	518	519	519	519	519	519
170	534	534	533	533	532	532	531	531	531	531	530	530	530	530	530	531	531	531	531
175	543	543	543	543	543	543	543	543	542	542	542	542	542	542	542	542	542	543	543
180	545	545	545	545	546	546	546	546	547	547	547	547	547	547	548	548	548	548	548

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:119.6V I:0.2220A P:26.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2667.68x1 lm																	
NAME: 2FT									TYPE:4000K 5.5						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	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435				
5	433	432	432	432	432	432	432	432	432	432	432	432	432	432	433				
10	427	426	426	426	425	425	425	425	425	425	425	425	425	425	426	426			
15	416	416	415	415	414	414	414	414	414	414	415	415	416	416	417				
20	403	402	402	401	401	400	400	400	400	400	401	401	402	402	403				
25	386	386	385	384	384	383	383	383	383	383	383	384	384	385	386				
30	366	365	365	364	363	363	362	362	362	363	363	364	365	366	367				
35	343	342	341	340	340	339	338	338	339	339	339	340	341	342	343				
40	317	316	315	314	313	313	312	312	312	313	313	314	315	316	318				
45	289	288	286	285	284	284	283	283	283	284	285	286	287	288	290				
50	258	257	255	254	253	252	252	252	252	253	254	255	256	257	259				
55	226	224	223	222	221	220	219	219	220	220	221	222	223	225	226				
60	192	190	189	188	187	186	185	185	185	186	187	188	189	190	192				
65	157	155	154	152	151	150	150	150	150	151	151	153	154	156	157				
70	121	119	118	117	116	115	114	114	115	115	116	117	118	120	121				
75	85.8	84.5	83.3	82.2	81.1	80.2	79.5	79.4	79.5	79.9	80.4	81.1	82.1	83.2	84.6				
80	52.1	50.7	49.4	48.2	47.0	45.9	45.0	44.8	44.7	44.8	45.1	45.6	46.3	47.1	48.1				
85	20.2	18.6	17.0	15.5	14.0	12.6	11.3	10.8	10.4	10.2	10.3	10.5	10.8	11.4	12.1				
90	1.49	1.50	1.51	1.51	1.50	1.48	1.45	1.40	1.33	1.25	1.16	1.06	0.95	0.82	0.68				
95	5.34	4.68	3.96	3.22	2.48	1.75	1.07	0.76	0.52	0.44	0.44	0.44	0.43	0.41	0.46				
100	24.8	21.2	17.4	13.5	9.51	5.70	2.13	0.58	0.26	0.28	0.30	0.32	0.34	0.36	0.38				
105	58.2	51.1	43.4	35.5	27.6	20.0	12.7	9.02	5.99	3.61	1.87	0.79	0.35	0.55	1.39				
110	110	102	93.9	85.5	76.8	68.1	59.5	53.3	47.4	41.7	36.4	31.3	26.6	22.1	17.9				
115	179	175	171	166	161	154	147	140	131	122	112	102	90.6	78.8	66.3				
120	236	235	234	232	229	226	222	215	208	201	192	182	172	160	148				
125	287	287	288	288	288	288	287	284	281	277	273	268	263	257	250				
130	331	331	332	332	332	332	331	331	330	329	327	326	324	322	320				
135	375	374	373	371	370	369	368	368	368	368	368	369	370	371	372				
140	409	408	408	407	406	405	405	405	405	406	406	407	408	409	410				
145	435	435	436	436	436	436	437	437	438	438	439	440	441	441	442				
150	463	463	463	463	463	463	464	464	465	465	466	467	468	469	470				
155	486	486	486	487	487	487	487	488	489	489	490	491	491	492	493				
160	504	505	505	505	506	506	506	507	508	508	509	510	510	511	512				
165	520	520	520	520	520	520	521	521	522	523	524	524	525	526	527				
170	531	532	532	533	533	533	534	534	535	535	536	536	537	538	538				
175	543	543	544	544	544	545	545	545	545	545	545	545	545	545	545				
180	548	548	549	549	549	549	548	548	548	548	547	547	546	546	545				

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: