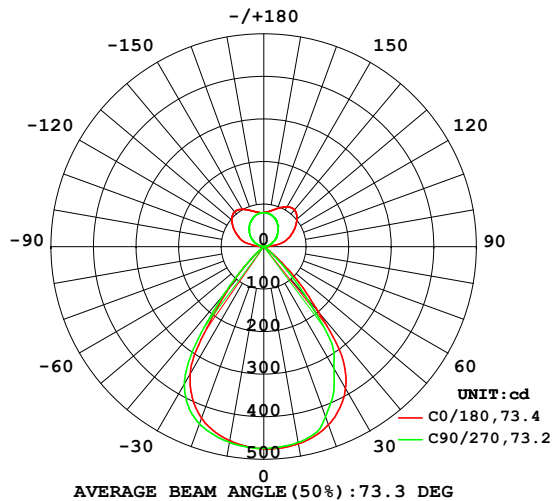


LUMINAIRE PHOTOMETRIC TEST REPORT

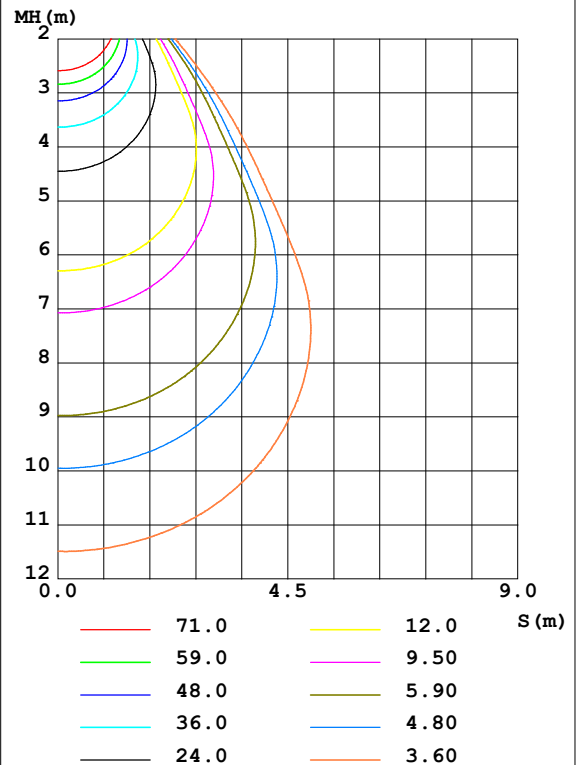
Test:U:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.55 lm/W			
MODEL		I _{max} (cd)	475.5	S/MH (C0/180)	1.12
NOMINAL POWER(W)	9W	LOR(%)	100.0	S/MH (C90/270)	1.05
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	985.96	η UP,DN (C0-180)	17.5,32.6
NOMINAL FLUX(lm)	985.963	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	17.7,32.2
LAMPS INSIDE	1	η up (%)	35.2	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120.0	η down (%)	64.8	CIBSE SHR MAX	1.15

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:

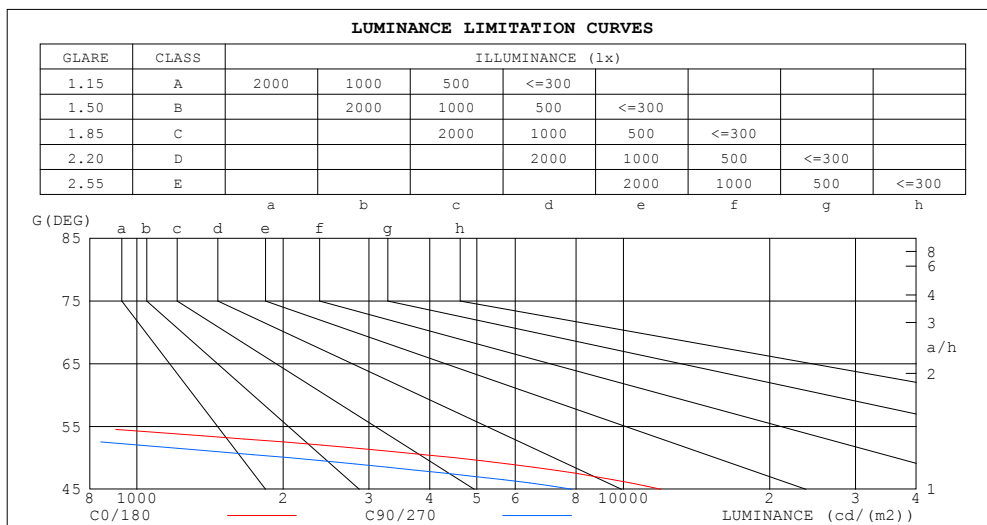
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	470.3	469.6	467.2	465.4	463.0	463.6	466.9	466.4	0- 10	44.91	44.91	4.55,4.55
20	445.5	446.2	425.3	437.3	428.7	432.2	442.7	439.4	10- 20	128.4	173.3	17.6,17.6
30	384.8	375.5	330.5	352.6	346.3	364.6	373.9	376.7	20- 30	186.5	359.8	36.5,36.5
40	200.4	247.6	157.0	222.4	127.8	229.4	144.2	251.0	30- 40	180.1	539.9	54.8,54.8
50	37.52	59.52	17.15	56.91	8.796	39.63	10.15	61.14	40- 50	83.84	623.7	63.3,63.3
60	1.245	5.335	2.130	5.041	1.086	2.771	1.259	5.096	50- 60	12.47	636.2	64.5,64.5
70	0.7631	1.106	1.313	1.198	0.5760	0.6420	0.7503	0.6856	60- 70	1.367	637.5	64.7,64.7
80	0.4434	0.6827	0.7295	0.6657	0.2904	0.3804	0.3920	0.4337	70- 80	0.7178	638.3	64.7,64.7
90	2.448	0.4876	0.0270	1.446	0.8611	3.917	0.1174	2.008	80- 90	0.4982	638.8	64.8,64.8
100	33.83	27.69	5.738	29.44	31.24	32.84	6.100	30.40	90-100	12.91	651.7	66.1,66.1
110	63.24	46.79	16.96	47.44	60.92	51.20	17.93	49.22	100-110	36.92	688.6	69.8,69.8
120	83.91	65.91	28.79	64.94	80.85	68.11	30.21	67.30	110-120	52.25	740.8	75.1,75.1
130	102.1	81.35	41.00	77.16	98.32	78.80	42.38	80.29	120-130	61.26	802.1	81.4,81.4
140	113.0	88.41	53.04	82.13	107.2	82.31	53.94	85.62	130-140	61.40	863.5	87.6,87.6
150	108.1	88.92	63.99	82.59	101.7	81.98	64.63	85.96	140-150	52.73	916.2	92.9,92.9
160	95.89	86.24	72.74	81.32	90.62	80.65	73.05	84.05	150-160	38.77	955.0	96.9,96.9
170	84.97	82.89	78.37	80.29	82.41	79.99	78.62	81.74	160-170	23.25	978.3	99.2,99.2
180	79.66	79.66	79.66	79.66	79.66	79.66	79.66	79.66	170-180	7.711	986.0	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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	276	432
80	196	323
75	176	299
70	172	295
65	175	303
60	192	328
55	732	410
50	4491	2053
45	11956	7852

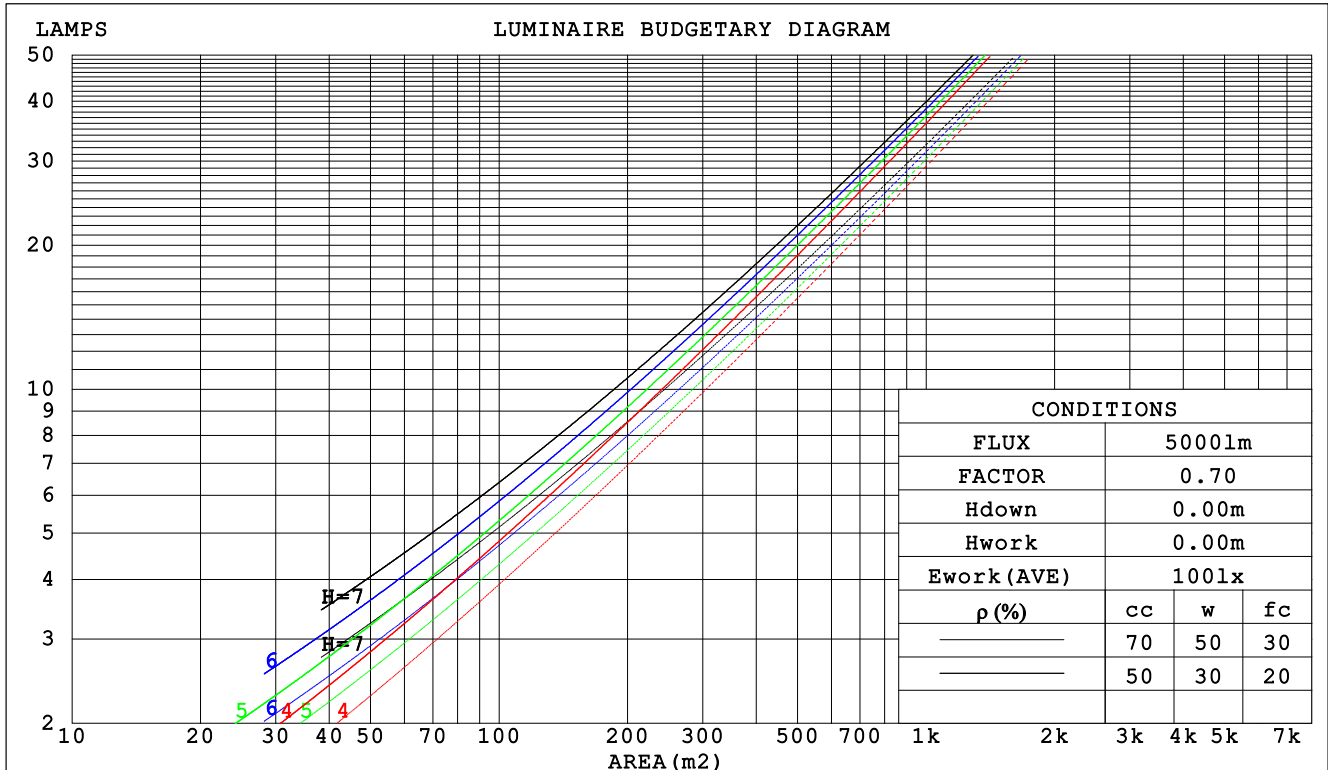
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.11	1.11	1.11	1.04	1.04	1.04	.92	.92	.92	.80	.80	.80	.70	.70	.70	.65
1.0	1.00	.97	.95	.95	.92	.90	.84	.82	.81	.75	.73	.72	.66	.65	.64	.60
2.0	.91	.86	.82	.86	.82	.78	.77	.74	.71	.69	.67	.65	.61	.60	.58	.55
3.0	.83	.77	.72	.79	.73	.69	.71	.67	.64	.64	.61	.58	.57	.55	.53	.50
4.0	.75	.69	.64	.72	.66	.62	.65	.61	.57	.59	.56	.53	.53	.51	.49	.46
5.0	.69	.62	.57	.66	.60	.55	.60	.55	.52	.55	.51	.48	.50	.47	.45	.42
6.0	.63	.56	.52	.61	.54	.50	.56	.51	.47	.51	.47	.44	.46	.43	.41	.39
7.0	.58	.51	.47	.56	.50	.45	.51	.46	.43	.47	.43	.40	.43	.40	.38	.35
8.0	.54	.47	.42	.52	.46	.41	.48	.43	.39	.44	.40	.37	.40	.37	.35	.33
9.0	.50	.43	.39	.48	.42	.38	.44	.39	.36	.41	.37	.34	.38	.35	.32	.30
10.0	.46	.40	.36	.45	.39	.35	.41	.37	.33	.38	.34	.31	.36	.32	.30	.28



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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	.216	.123	.039	.198	.113	.036	.166	.095	.030	.136	.078	.025	.108	.063	.020		
2.0	.205	.112	.034	.189	.104	.032	.160	.089	.028	.133	.074	.023	.107	.061	.019		
3.0	.193	.103	.031	.179	.096	.029	.153	.083	.025	.128	.070	.022	.105	.058	.018		
4.0	.183	.095	.028	.170	.089	.026	.146	.077	.023	.123	.066	.020	.102	.055	.017		
5.0	.173	.088	.025	.161	.083	.024	.139	.072	.021	.118	.062	.019	.099	.053	.016		
6.0	.164	.082	.023	.153	.077	.022	.132	.068	.020	.113	.059	.017	.095	.050	.015		
7.0	.155	.077	.022	.145	.072	.021	.126	.064	.018	.108	.056	.016	.092	.048	.014		
8.0	.147	.072	.020	.138	.068	.019	.120	.060	.017	.104	.053	.015	.088	.045	.013		
9.0	.140	.068	.019	.131	.064	.018	.115	.057	.016	.100	.050	.014	.085	.043	.012		
10.0	.133	.064	.018	.125	.060	.017	.110	.054	.015	.095	.047	.013	.082	.041	.012		

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	.459	.459	.459	.392	.392	.392	.268	.268	.268	.154	.154	.154	.049	.049	.049	
1.0	.444	.427	.412	.380	.367	.355	.260	.252	.245	.150	.146	.143	.048	.047	.046	
2.0	.433	.405	.381	.371	.348	.329	.254	.241	.230	.147	.140	.135	.047	.045	.044	
3.0	.424	.388	.359	.363	.334	.311	.249	.232	.218	.144	.136	.129	.046	.044	.042	
4.0	.415	.375	.343	.357	.324	.298	.245	.226	.210	.142	.132	.124	.046	.043	.041	
5.0	.408	.364	.332	.351	.315	.289	.242	.220	.204	.140	.129	.121	.045	.042	.040	
6.0	.402	.356	.323	.346	.308	.281	.238	.216	.199	.138	.127	.118	.045	.042	.039	
7.0	.396	.349	.317	.341	.303	.276	.236	.212	.196	.137	.125	.116	.044	.041	.038	
8.0	.391	.344	.312	.337	.298	.272	.233	.209	.193	.136	.124	.115	.044	.041	.038	
9.0	.386	.339	.308	.333	.295	.268	.231	.207	.191	.134	.122	.114	.043	.040	.038	
10.0	.382	.335	.305	.329	.291	.266	.228	.205	.189	.133	.121	.113	.043	.040	.037	

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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm										
NAME: 1FT					TYPE:3000K 3.7			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:0.29*0.045			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.3	17.2	17.0	17.8	18.6	15.2	16.1	15.9	16.7	17.5
3H	16.0	16.8	16.8	17.5	18.3	14.9	15.7	15.7	16.4	17.2
4H	15.9	16.6	16.6	17.3	18.2	14.8	15.5	15.5	16.2	17.1
6H	15.7	16.4	16.5	17.1	18.0	14.7	15.3	15.4	16.0	16.9
8H	15.7	16.3	16.4	17.0	17.9	14.6	15.2	15.3	16.0	16.9
12H	15.6	16.2	16.4	16.9	17.9	14.5	15.1	15.3	15.9	16.8
4H 2H	15.9	16.6	16.6	17.3	18.2	14.8	15.5	15.6	16.2	17.1
3H	15.6	16.2	16.4	16.9	17.9	14.5	15.1	15.3	15.9	16.8
4H	15.4	16.0	16.2	16.7	17.7	14.4	14.9	15.2	15.7	16.6
6H	15.3	15.7	16.1	16.5	17.5	14.2	14.7	15.0	15.5	16.5
8H	15.2	15.6	16.0	16.4	17.5	14.1	14.5	15.0	15.4	16.4
12H	15.1	15.5	16.0	16.3	17.4	14.0	14.4	14.9	15.3	16.3
8H 4H	15.2	15.6	16.0	16.4	17.5	14.1	14.5	15.0	15.4	16.4
6H	15.0	15.4	15.9	16.2	17.3	13.9	14.3	14.8	15.1	16.2
8H	14.9	15.2	15.8	16.1	17.2	13.9	14.2	14.8	15.0	16.1
12H	14.8	15.1	15.8	16.0	17.1	13.8	14.0	14.7	14.9	16.0
12H 4H	15.1	15.5	16.0	16.3	17.4	14.0	14.4	14.9	15.3	16.3
6H	14.9	15.2	15.8	16.1	17.2	13.9	14.2	14.8	15.0	16.1
8H	14.8	15.1	15.7	16.0	17.1	13.8	14.0	14.7	14.9	16.0
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / -17.2					+ 2.9 / -15.4				
1.5H	+ 3.6 / - 9.9					+ 3.7 / -12.6				
2.0H	+ 6.8 / -15.8					+ 6.5 / -11.3				

CIE Pub.117 Corrected 986.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

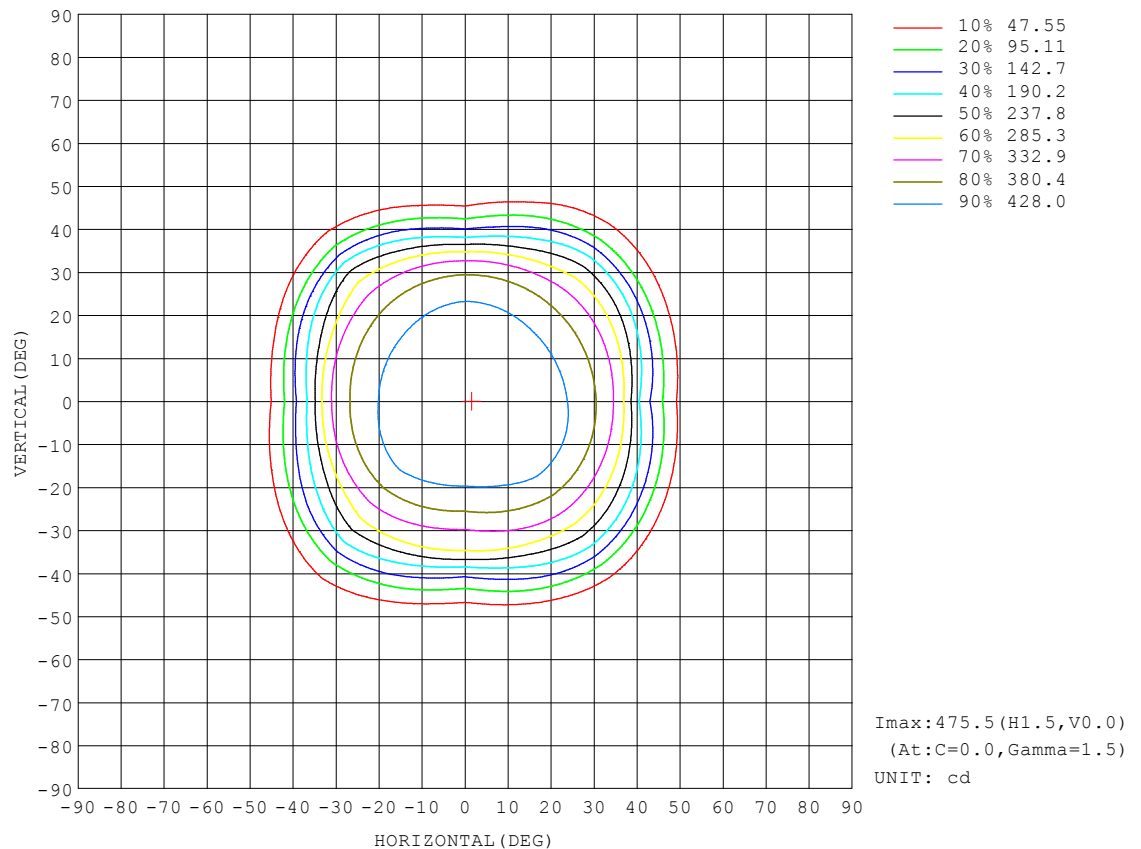
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	63	55	50	62	54	49	58	52	48	42
0.80	72	63	58	70	62	57	65	59	55	48
1.00	78	70	64	75	68	63	70	65	60	52
1.25	84	76	70	80	73	69	74	69	65	55
1.50	88	80	75	84	77	73	77	72	69	57
2.00	92	86	81	88	82	78	80	76	73	59
2.50	95	89	84	91	85	81	82	78	75	60
3.00	98	92	88	93	88	84	84	80	78	61
4.00	101	96	93	95	92	88	86	83	81	62
5.00	103	99	96	97	94	91	87	85	83	63
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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

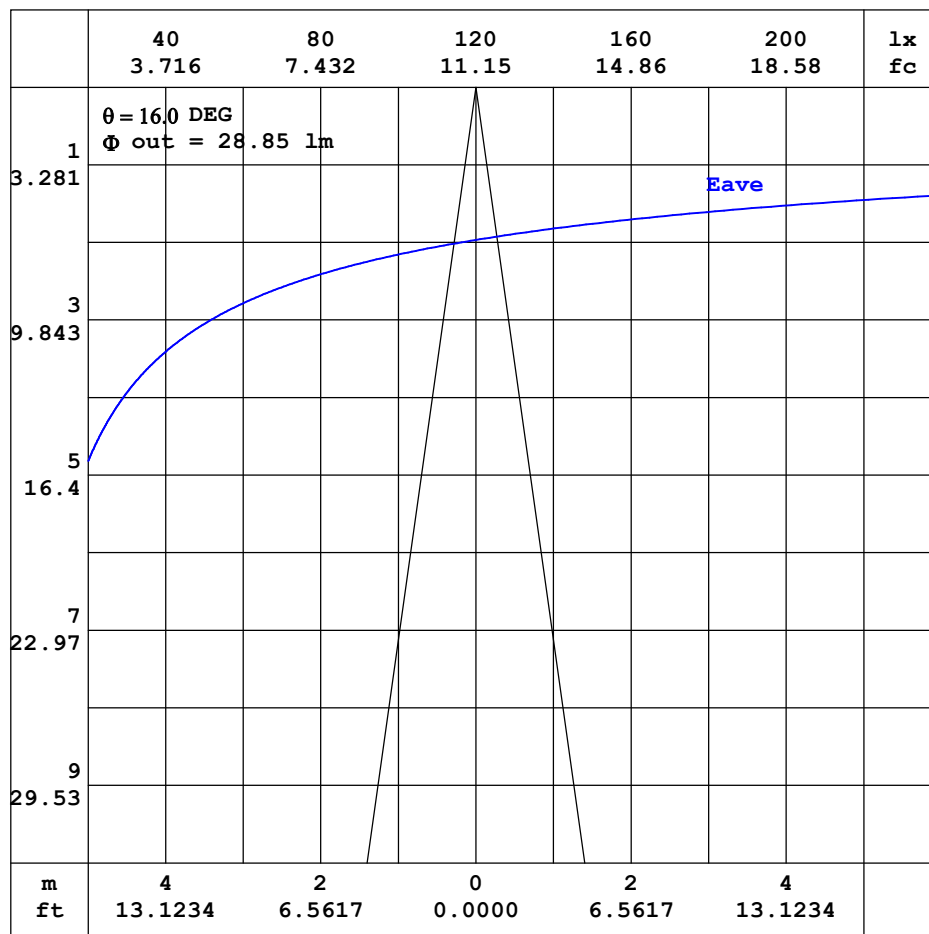


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



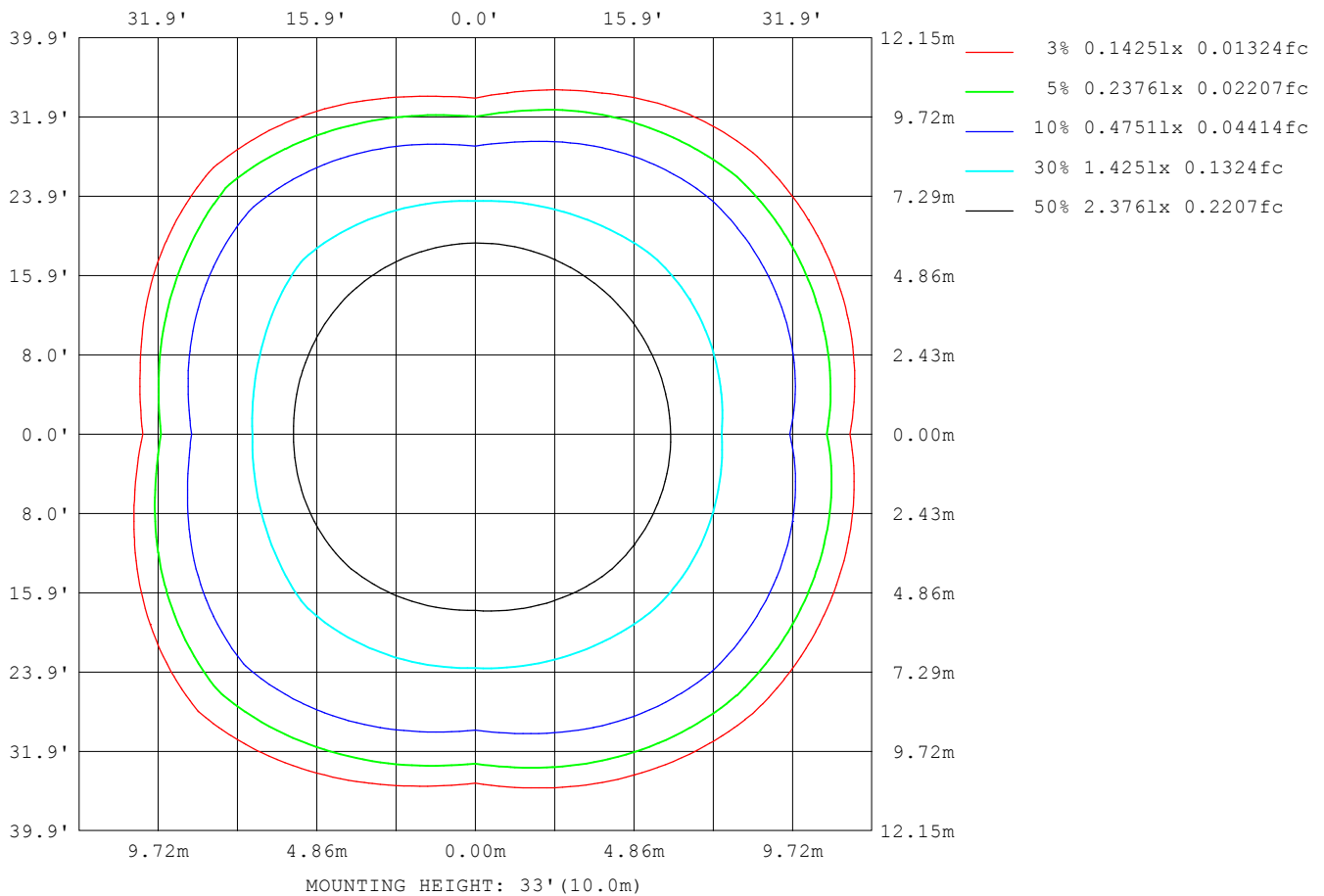
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

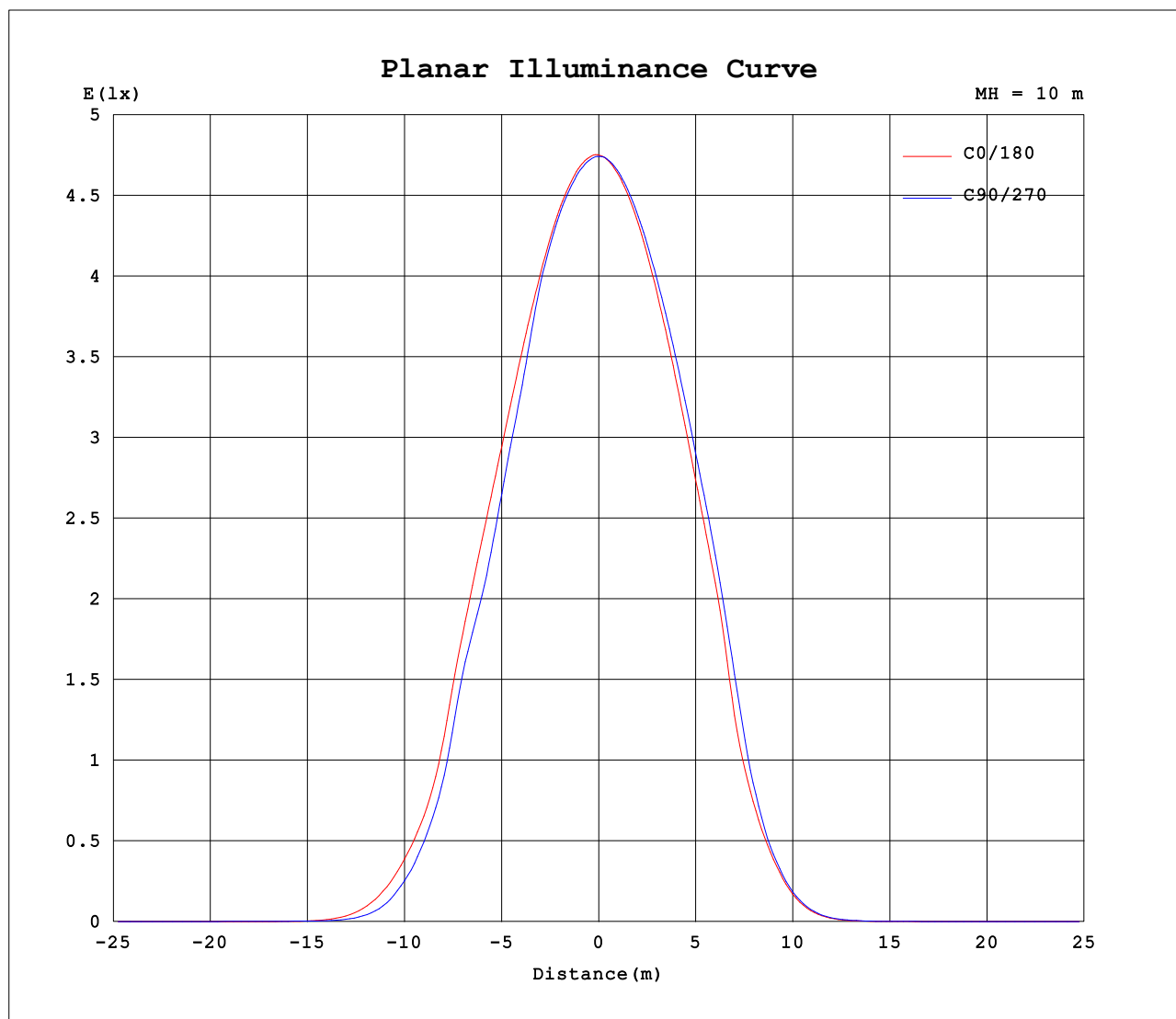
AvgL	cd/m2
L_0~180 (65) av	160
L_0~180 (75) av	149
L_0~180 (85) av	224
L_90~270 (65) av	238
L_90~270 (75) av	232
L_90~270 (85) av	336
L_45 (65) av	210
L_45 (75) av	209
L_45 (85) av	376

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:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	475	475	475	475	475	475	475	475	475	475	474	474	474	474	474	474	474	474	474
5	475	475	475	475	474	474	474	474	474	474	474	473	473	473	473	473	473	472	472
10	470	470	470	470	470	470	470	470	470	470	469	469	469	469	468	468	468	467	467
15	461	462	462	462	462	462	462	461	461	461	461	460	460	459	458	458	457	457	456
20	446	447	448	448	449	449	448	448	447	446	444	442	439	436	434	431	429	427	425
25	421	423	424	425	425	425	425	424	423	421	417	413	409	404	400	396	392	388	385
30	385	386	386	386	385	384	383	381	378	375	370	365	359	354	348	343	338	334	331
35	325	326	326	326	326	325	324	323	321	319	314	310	305	300	296	291	287	283	280
40	200	212	223	231	238	244	247	249	249	248	239	229	218	207	195	184	174	165	157
45	110	122	132	140	147	152	156	158	158	157	149	140	130	119	108	97.8	88.1	79.4	72.2
50	37.5	43.1	48.0	52.0	55.2	57.7	59.3	60.2	60.3	59.5	55.3	50.5	45.3	39.9	34.5	29.4	24.6	20.5	17.2
55	5.46	8.40	11.0	13.2	15.0	16.5	17.7	18.4	18.8	18.9	17.4	15.7	13.8	11.8	9.72	7.74	5.91	4.33	3.06
60	1.25	2.06	2.78	3.42	3.96	4.42	4.78	5.06	5.24	5.34	5.09	4.78	4.42	4.01	3.60	3.18	2.79	2.43	2.13
65	0.96	1.02	1.07	1.13	1.18	1.23	1.27	1.32	1.36	1.40	1.44	1.48	1.52	1.55	1.58	1.61	1.63	1.65	1.66
70	0.76	0.81	0.85	0.89	0.93	0.97	1.01	1.04	1.07	1.11	1.14	1.17	1.20	1.23	1.25	1.27	1.29	1.30	1.31
75	0.59	0.63	0.67	0.70	0.73	0.77	0.79	0.82	0.85	0.87	0.90	0.92	0.94	0.95	0.97	0.98	0.99	1.00	1.01
80	0.44	0.48	0.51	0.54	0.57	0.60	0.62	0.65	0.67	0.68	0.70	0.71	0.72	0.72	0.73	0.73	0.73	0.73	0.73
85	0.31	0.35	0.38	0.41	0.44	0.47	0.49	0.50	0.52	0.53	0.53	0.53	0.53	0.53	0.52	0.51	0.51	0.50	0.49
90	2.45	2.16	1.88	1.63	1.39	1.17	0.97	0.79	0.63	0.49	0.38	0.33	0.29	0.24	0.19	0.14	0.10	0.06	0.03
95	12.8	13.0	13.2	13.2	13.2	13.0	12.7	12.3	11.9	11.3	10.0	8.71	7.37	6.06	4.82	3.70	2.73	1.97	1.45
100	33.8	33.9	33.8	33.5	33.1	32.4	31.5	30.4	29.1	27.7	24.9	22.0	19.1	16.2	13.5	11.0	8.83	7.05	5.74
105	53.0	51.8	50.4	48.9	47.2	45.4	43.6	41.5	39.4	37.1	33.6	30.0	26.5	23.1	19.9	17.0	14.6	12.6	11.2
110	63.2	62.1	60.7	59.2	57.6	55.8	53.8	51.6	49.3	46.8	42.8	38.7	34.7	30.8	27.2	23.8	21.0	18.6	17.0
115	73.6	72.6	71.4	69.9	68.2	66.4	64.3	62.0	59.5	56.7	52.3	47.7	43.2	38.7	34.6	30.8	27.5	24.8	22.9
120	83.9	82.9	81.6	80.0	78.3	76.3	74.0	71.6	68.8	65.9	61.0	56.1	51.1	46.3	41.7	37.6	34.0	31.0	28.8
125	93.2	92.1	90.8	89.3	87.5	85.4	83.1	80.5	77.6	74.5	69.3	64.1	58.8	53.7	48.8	44.4	40.5	37.3	34.9
130	102	101	99.2	97.4	95.3	93.0	90.4	87.7	84.6	81.4	76.1	70.7	65.3	60.1	55.2	50.7	46.7	43.5	41.0
135	109	107	105	103	101	98.2	95.4	92.4	89.3	85.9	80.8	75.5	70.4	65.4	60.6	56.3	52.6	49.4	47.1
140	113	111	108	106	103	101	97.8	94.8	91.7	88.4	83.6	78.8	74.1	69.6	65.3	61.4	58.0	55.2	53.0
145	112	110	108	106	103	100	97.8	95.0	92.2	89.2	85.1	80.9	76.8	72.9	69.2	65.9	63.0	60.6	58.7
150	108	106	104	102	100	98.2	96.0	93.7	91.3	88.9	85.5	82.1	78.8	75.6	72.6	69.9	67.5	65.5	64.0
155	102	101	99.5	98.0	96.4	94.8	93.1	91.4	89.6	87.8	85.2	82.6	80.1	77.7	75.4	73.3	71.4	69.9	68.7
160	95.9	95.0	94.1	93.1	92.1	91.0	89.9	88.7	87.5	86.2	84.5	82.7	80.9	79.2	77.6	76.1	74.7	73.6	72.7
165	89.9	89.4	89.0	88.4	87.9	87.3	86.7	86.0	85.3	84.5	83.4	82.3	81.2	80.1	79.1	78.1	77.3	76.6	76.0
170	85.0	84.9	84.7	84.6	84.3	84.1	83.9	83.6	83.2	82.9	82.3	81.8	81.2	80.7	80.1	79.6	79.1	78.7	78.4
175	81.8	81.8	81.9	81.9	81.9	81.9	81.8	81.7	81.7	81.6	81.4	81.2	81.0	80.8	80.6	80.4	80.2	80.0	79.9
180	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	474	474	474	474	474	474	474	474	474	474	474	474	475	475	475	475	475	475	475
5	472	472	472	472	472	472	472	472	472	472	471	471	471	471	471	471	471	471	471
10	467	467	467	466	466	466	466	466	465	465	465	464	464	464	464	463	463	463	463
15	456	456	456	456	456	455	455	455	455	454	454	453	452	452	451	451	450	450	450
20	426	427	428	430	431	433	435	436	437	437	436	435	434	433	432	431	430	429	429
25	386	388	390	392	394	397	400	402	404	404	403	402	401	400	399	398	397	396	396
30	331	333	335	338	341	344	347	350	353	352	352	351	350	349	348	347	347	346	348
35	281	283	286	288	291	293	294	296	296	289	281	273	265	257	249	242	237	233	238
40	162	169	177	186	194	203	211	217	222	213	203	191	179	167	155	144	135	128	136
45	77.3	83.9	91.5	99.6	108	116	124	130	135	127	118	108	97.2	86.2	75.4	65.2	56.0	48.3	52.9
50	20.6	24.9	29.7	34.8	40.0	45.0	49.7	53.7	56.9	52.8	47.9	42.4	36.5	30.3	24.3	18.5	13.3	8.80	10.9
55	4.61	6.47	8.54	10.7	13.0	15.1	17.1	18.9	20.3	18.8	16.9	14.7	12.4	10.0	7.63	5.35	3.26	1.45	2.23
60	2.39	2.71	3.06	3.44	3.82	4.19	4.53	4.82	5.04	4.71	4.32	3.87	3.39	2.89	2.40	1.92	1.48	1.09	1.16
65	1.68	1.68	1.68	1.68	1.67	1.65	1.63	1.60	1.56	1.48	1.40	1.31	1.22	1.12	1.03	0.95	0.87	0.80	0.77
70	1.32	1.32	1.32	1.32	1.30	1.29	1.26	1.23	1.20	1.13	1.06	0.99	0.91	0.84	0.77	0.70	0.63	0.58	0.56
75	1.01	1.01	1.00	1.00	0.99	0.97	0.95	0.93	0.90	0.85	0.79	0.73	0.67	0.61	0.56	0.50	0.45	0.41	0.40
80	0.73	0.73	0.73	0.73	0.72	0.71	0.70	0.68	0.67	0.63	0.58	0.54	0.49	0.45	0.40	0.36	0.32	0.29	0.29
85	0.50	0.50	0.51	0.51	0.52	0.52	0.52	0.52	0.51	0.48	0.44	0.40	0.37	0.33	0.29	0.26	0.22	0.20	0.20
90	0.16	0.32	0.48	0.66	0.83	1.00	1.17	1.32	1.45	1.38	1.29	1.19	1.10	1.01	0.93	0.88	0.85	0.86	1.21
95	2.56	3.90	5.41	7.05	8.75	10.5	12.1	13.7	15.1	15.0	14.7	14.3	13.8	13.2	12.7	12.1	11.6	11.2	12.2
100	7.35	9.44	11.9	14.7	17.6	20.6	23.7	26.6	29.4	30.3	31.0	31.4	31.7	31.8	31.7	31.6	31.4	31.2	31.9
105	12.8	15.0	17.6	20.6	24.0	27.5	31.1	34.7	38.2	40.5	42.6	44.4	46.1	47.6	48.8	49.8	50.5	51.0	51.0
110	18.8	21.2	24.2	27.7	31.4	35.4	39.4	43.5	47.4	49.9	52.1	54.1	55.9	57.4	58.7	59.7	60.5	60.9	61.0
115	24.9	27.6	31.0	34.8	38.9	43.3	47.9	52.4	56.8	59.4	61.7	63.8	65.7	67.2	68.5	69.5	70.3	70.7	70.8
120	30.9	33.8	37.3	41.4	45.8	50.5	55.4	60.2	64.9	67.9	70.5	72.9	75.0	76.8	78.3	79.5	80.3	80.8	80.8
125	37.0	39.9	43.5	47.6	52.2	57.0	62.0	67.1	72.0	75.2	78.2	80.9	83.3	85.4	87.2	88.5	89.6	90.2	89.9
130	42.9	45.6	49.1	53.1	57.5	62.3	67.2	72.2	77.2	80.7	84.1	87.1	89.9	92.4	94.5	96.2	97.5	98.3	97.7
135	48.7	51.1	54.2	57.8	61.9	66.3	71.0	75.7	80.4	84.2	87.9	91.3	94.5	97.3	99.8	102	103	104	103
140	54.3	56.3	59.0	62.1	65.6	69.5	73.6	77.8	82.1	86.0	89.7	93.2	96.5	99.5	102	104	106	107	106
145	59.7	61.3	63.4	66.0	68.9	72.1	75.5	79.1	82.7	86.2	89.6	92.8	95.9	98.7	101	103	105	106	105
150	64.7	65.9	67.5	69.4	71.7	74.2	76.9	79.7	82.6	85.4	88.2	90.8	93.4	95.7	97.7	99.4	101	102	101
155	69.2	70.0	71.1	72.5	74.1	75.9	77.9	79.9	82.0	84.1	86.2	88.1	90.0	91.7	93.2	94.5	95.5	96.2	95.4
160	73.0	73.5	74.2	75.1	76.1	77.3	78.6	79.9	81.3	82.7	84.0	85.3	86.6	87.7	88.7	89.5	90.2	90.6	90.1
165	76.1	76.3	76.7	77.2	77.8	78.4	79.1	79.9	80.7	81.4	82.2	82.9	83.6	84.2	84.8	85.3	85.6	85.9	85.6
170	78.4	78.5	78.6	78.8	79.0	79.3	79.6	80.0	80.3	80.6	80.9	81.2	81.5	81.7	82.0	82.2	82.3	82.4	82.3
175	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.1	80.1	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.6	80.6	80.5
180	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	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	475	475	475	475	475	475	475	475	474	474	474	474	474	474	474	474	474	474	474
5	471	471	471	471	471	471	471	472	472	472	472	472	472	472	472	472	472	472	472
10	463	463	463	463	463	463	463	464	464	464	465	465	466	466	466	467	467	467	467
15	450	450	450	450	450	450	451	451	452	452	453	454	455	456	456	457	458	458	457
20	429	429	429	430	430	431	431	432	433	435	436	437	439	440	441	442	443	443	442
25	397	397	398	399	400	402	403	404	406	408	409	411	412	414	415	416	417	417	417
30	349	351	353	356	358	360	362	365	366	367	369	370	371	372	372	373	374	374	375
35	246	254	263	273	282	291	300	307	306	304	301	297	293	289	285	282	279	282	287
40	147	159	171	185	197	209	220	229	222	213	203	192	181	170	160	151	144	153	164
45	59.0	66.3	74.2	82.6	90.9	98.8	106	112	106	99.4	91.8	83.9	76.0	68.5	61.8	56.2	52.3	60.9	71.0
50	13.7	17.2	21.0	25.1	29.2	33.1	36.6	39.6	36.8	33.3	29.6	25.6	21.7	18.0	14.7	12.0	10.2	14.7	20.0
55	3.30	4.60	6.07	7.61	9.16	10.7	12.0	13.2	12.1	10.8	9.31	7.81	6.31	4.90	3.65	2.62	1.90	3.74	5.86
60	1.28	1.46	1.66	1.89	2.13	2.36	2.58	2.77	2.60	2.41	2.20	1.99	1.78	1.59	1.43	1.32	1.26	1.66	2.11
65	0.76	0.75	0.75	0.76	0.77	0.78	0.80	0.82	0.84	0.85	0.87	0.89	0.90	0.92	0.93	0.94	0.95	0.94	0.93
70	0.55	0.55	0.56	0.57	0.58	0.60	0.62	0.64	0.66	0.67	0.68	0.70	0.71	0.72	0.73	0.74	0.75	0.75	0.74
75	0.40	0.40	0.41	0.42	0.44	0.45	0.47	0.49	0.50	0.51	0.52	0.52	0.53	0.54	0.55	0.55	0.56	0.56	0.56
80	0.29	0.30	0.31	0.32	0.33	0.35	0.36	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.40	0.40
85	0.21	0.22	0.23	0.25	0.27	0.29	0.31	0.32	0.32	0.32	0.31	0.30	0.30	0.29	0.28	0.28	0.27	0.28	0.28
90	1.60	1.99	2.39	2.78	3.14	3.46	3.72	3.92	3.60	3.22	2.79	2.33	1.85	1.37	0.91	0.49	0.12	0.18	0.30
95	13.3	14.4	15.5	16.6	17.5	18.3	18.8	19.1	17.3	15.3	13.1	10.8	8.58	6.39	4.36	2.57	1.09	1.97	3.18
100	32.6	33.2	33.6	34.0	34.1	33.9	33.5	32.8	29.8	26.5	23.2	19.7	16.4	13.3	10.4	8.00	6.10	7.60	9.62
105	50.8	50.3	49.5	48.5	47.2	45.6	43.8	41.7	38.0	34.1	30.2	26.3	22.6	19.2	16.2	13.7	11.8	13.3	15.5
110	60.8	60.3	59.5	58.4	57.0	55.4	53.4	51.2	47.1	42.7	38.4	34.1	30.0	26.2	22.8	20.0	17.9	19.7	22.2
115	70.5	70.0	69.1	68.0	66.5	64.7	62.7	60.3	55.8	51.1	46.3	41.7	37.2	33.1	29.5	26.5	24.2	26.2	28.9
120	80.4	79.6	78.5	77.1	75.3	73.2	70.8	68.1	63.3	58.3	53.3	48.4	43.8	39.5	35.7	32.6	30.2	32.4	35.3
125	89.2	88.2	86.7	84.9	82.8	80.3	77.6	74.5	69.5	64.4	59.3	54.4	49.7	45.4	41.6	38.5	36.2	38.5	41.6
130	96.7	95.2	93.3	91.0	88.4	85.4	82.2	78.8	73.9	69.0	64.0	59.3	54.8	50.8	47.3	44.4	42.4	44.6	47.6
135	102	100	97.7	95.0	91.9	88.6	85.0	81.3	76.6	72.0	67.5	63.2	59.1	55.5	52.4	50.0	48.3	50.3	53.0
140	104	102	99.5	96.6	93.3	89.8	86.1	82.3	78.2	74.1	70.1	66.4	62.9	59.9	57.3	55.3	53.9	55.7	58.1
145	103	101	98.5	95.6	92.5	89.3	85.9	82.4	78.9	75.5	72.3	69.2	66.5	64.1	62.0	60.5	59.5	61.0	62.9
150	99.2	97.4	95.3	92.9	90.3	87.6	84.8	82.0	79.3	76.6	74.1	71.8	69.7	67.9	66.4	65.3	64.6	65.8	67.4
155	94.3	92.9	91.3	89.5	87.5	85.5	83.4	81.3	79.4	77.5	75.7	74.1	72.6	71.3	70.3	69.6	69.1	70.0	71.2
160	89.3	88.4	87.3	86.1	84.8	83.4	82.0	80.6	79.4	78.2	77.0	76.0	75.1	74.3	73.7	73.3	73.1	73.7	74.5
165	85.1	84.6	83.9	83.3	82.5	81.7	81.0	80.2	79.5	78.9	78.3	77.7	77.2	76.8	76.5	76.3	76.3	76.7	77.2
170	82.1	81.8	81.6	81.3	81.0	80.6	80.3	80.0	79.7	79.5	79.2	79.0	78.9	78.7	78.7	78.6	78.6	78.8	79.1
175	80.5	80.5	80.4	80.4	80.3	80.2	80.2	80.1	80.1	80.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.2
180	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0760A P:9.000W PF:0.9900 Freq:60.00Hz Lamp Flux:985.963x1 lm																	
NAME: 1FT									TYPE:3000K 3.7						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.29*0.045						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	474	474	474	474	474	474	474	474	474	474	474	475	475	475	475				
5	472	472	472	472	472	472	472	472	472	473	473	473	473	474	474				
10	467	467	467	466	466	466	466	467	467	467	468	468	468	469	470				
15	457	457	457	456	456	456	456	456	457	457	458	458	459	460	461				
20	442	442	441	441	440	440	439	440	440	440	441	442	442	443	444				
25	417	416	416	415	415	414	414	414	414	415	416	416	417	418	420				
30	375	375	375	376	376	376	377	377	378	379	380	381	382	383	384				
35	291	296	302	308	313	318	323	326	327	328	329	329	329	328	327				
40	176	189	202	216	229	240	251	253	253	252	248	242	235	225	214				
45	82.3	94.3	107	119	131	141	151	153	154	153	150	145	139	131	121				
50	25.9	32.1	38.5	44.8	50.8	56.3	61.1	62.2	62.3	61.6	59.9	57.2	53.7	49.2	43.8				
55	8.18	10.6	13.1	15.4	17.6	19.6	21.2	21.2	20.7	19.9	18.5	16.8	14.6	12.0	8.94				
60	2.59	3.08	3.56	4.03	4.45	4.81	5.10	5.05	4.91	4.67	4.33	3.91	3.38	2.77	2.05				
65	0.92	0.90	0.89	0.87	0.86	0.85	0.84	0.84	0.85	0.85	0.86	0.88	0.89	0.91	0.93				
70	0.73	0.72	0.72	0.71	0.70	0.69	0.69	0.69	0.69	0.70	0.70	0.71	0.72	0.73	0.75				
75	0.56	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.56	0.56	0.57	0.57	0.58	0.59				
80	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44				
85	0.29	0.30	0.31	0.32	0.33	0.34	0.34	0.35	0.35	0.35	0.34	0.34	0.33	0.33	0.32				
90	0.47	0.68	0.92	1.19	1.46	1.74	2.01	2.13	2.23	2.32	2.38	2.43	2.46	2.48	2.47				
95	4.65	6.32	8.12	9.98	11.8	13.6	15.3	15.8	16.1	16.3	16.2	15.9	15.5	14.8	13.9				
100	12.1	14.9	17.9	21.1	24.3	27.4	30.4	31.8	33.0	33.9	34.5	34.9	35.0	34.9	34.5				
105	18.1	21.2	24.6	28.3	32.0	35.8	39.5	41.7	43.7	45.6	47.3	48.8	50.1	51.3	52.2				
110	25.2	28.7	32.6	36.7	40.9	45.1	49.2	51.6	53.8	55.8	57.6	59.1	60.5	61.6	62.5				
115	32.3	36.2	40.4	45.0	49.6	54.2	58.7	61.4	63.8	65.9	67.8	69.4	70.9	72.0	73.0				
120	39.0	43.1	47.7	52.5	57.5	62.4	67.3	70.2	72.8	75.1	77.2	79.1	80.6	82.0	83.1				
125	45.4	49.7	54.4	59.4	64.6	69.8	74.8	77.9	80.6	83.2	85.5	87.5	89.3	90.8	92.1				
130	51.2	55.4	60.1	65.0	70.1	75.2	80.3	83.5	86.5	89.4	92.0	94.4	96.6	98.6	100				
135	56.4	60.3	64.6	69.2	74.0	78.9	83.8	87.1	90.3	93.4	96.3	99.1	102	104	107				
140	61.0	64.4	68.2	72.4	76.7	81.1	85.6	88.9	92.1	95.2	98.3	101	104	107	110				
145	65.4	68.2	71.4	74.9	78.6	82.4	86.2	89.2	92.1	95.0	97.9	101	104	107	110				
150	69.3	71.6	74.1	76.9	79.8	82.9	86.0	88.4	90.8	93.3	95.7	98.2	101	103	106				
155	72.7	74.4	76.3	78.3	80.5	82.8	85.1	87.0	88.9	90.7	92.6	94.5	96.4	98.4	100				
160	75.5	76.7	78.0	79.4	80.9	82.5	84.0	85.3	86.6	87.9	89.2	90.5	91.8	93.2	94.5				
165	77.8	78.5	79.3	80.1	81.0	81.9	82.8	83.6	84.4	85.1	85.9	86.7	87.5	88.3	89.1				
170	79.4	79.7	80.1	80.5	80.9	81.3	81.7	82.1	82.4	82.8	83.2	83.5	83.9	84.2	84.6				
175	80.2	80.3	80.4	80.5	80.6	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7				
180	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7				

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

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