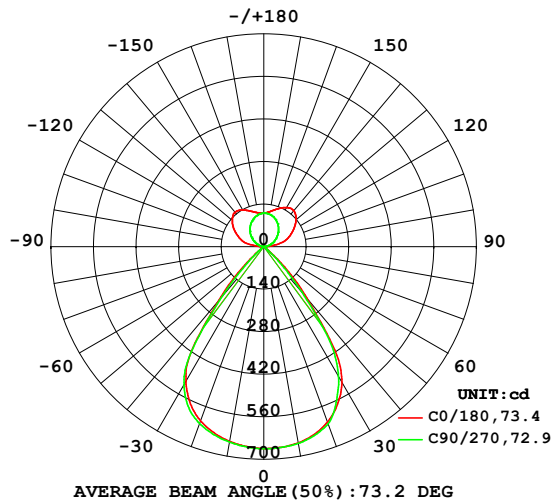


LUMINAIRE PHOTOMETRIC TEST REPORT

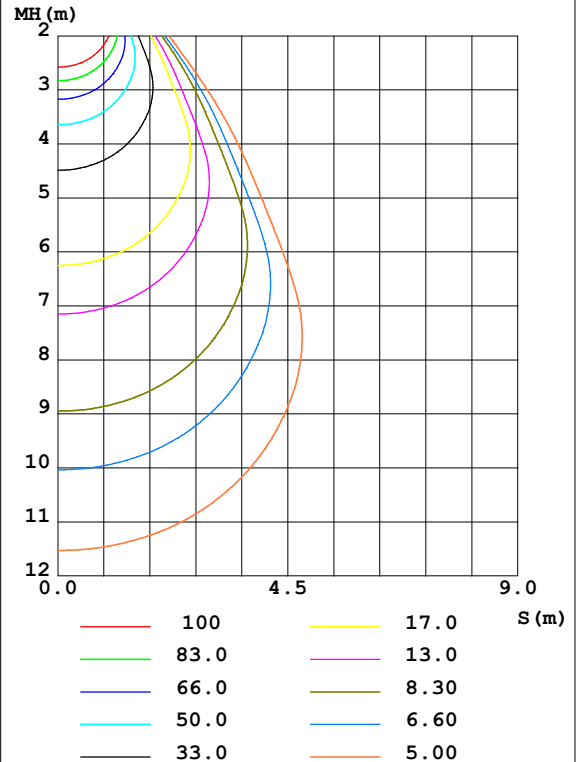
Test:U:119.3V I:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.50 lm/W			
MODEL		Imax(cd)	665.2	S/MH(C0/180)	1.06
NOMINAL POWER(W)	12W	LOR(%)	100.0	S/MH(C90/270)	1.06
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1374.7	η UP,DN(C0-180)	17.8,32.8
NOMINAL FLUX(lm)	1374.74	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	16.9,32.5
LAMPS INSIDE	1	η up(%)	34.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	65.3	CIBSE SHR MAX	1.25

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:

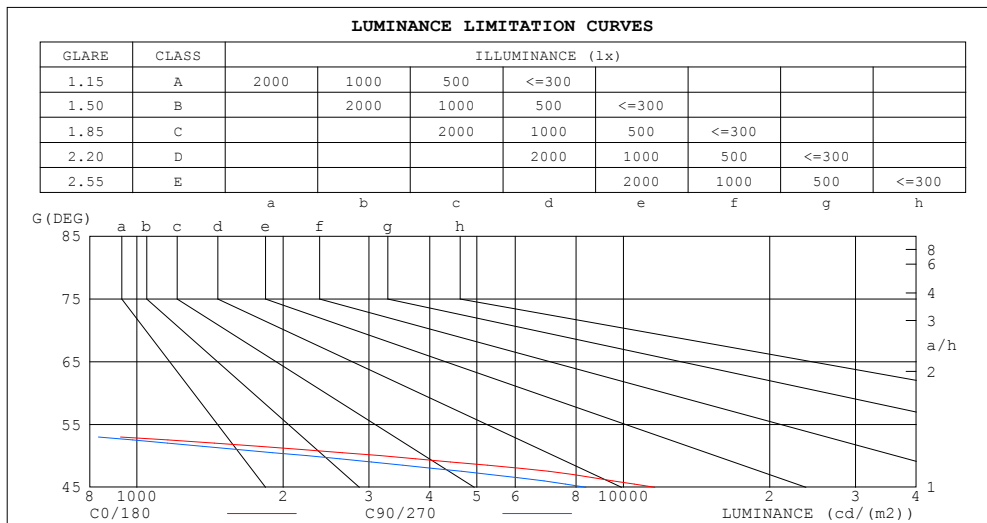
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	655.3	656.6	657.3	655.9	650.4	650.8	653.1	651.4	0- 10	62.92	62.92	4.58,4.58
20	614.0	619.8	620.4	621.2	609.7	611.3	618.9	609.0	10- 20	180.2	243.1	17.7,17.7
30	514.6	523.5	492.5	534.8	513.2	526.5	525.7	513.3	20- 30	264.1	507.2	36.9,36.9
40	222.1	327.0	194.9	353.5	229.9	354.9	211.6	320.2	30- 40	255.7	762.9	55.5,55.5
50	26.49	65.10	18.68	86.72	26.95	80.85	14.11	60.41	40- 50	116.4	879.3	64,64
60	1.397	5.133	2.421	8.237	1.353	6.513	1.503	2.972	50- 60	15.95	895.2	65.1,65.1
70	0.7465	1.247	1.369	1.184	0.7065	0.8527	0.9854	0.8358	60- 70	1.612	896.8	65.2,65.2
80	0.3127	0.5735	0.6473	0.6099	0.2830	0.5089	0.6171	0.4846	70- 80	0.7854	897.6	65.3,65.3
90	2.322	1.657	0	5.974	2.048	3.046	0.0000	0.2470	80- 90	0.4762	898.1	65.3,65.3
100	42.36	40.51	10.11	44.98	47.67	41.81	6.413	36.38	90-100	17.70	915.8	66.6,66.6
110	85.35	67.23	26.47	70.63	85.47	66.42	21.56	62.35	100-110	50.70	966.5	70.3,70.3
120	113.8	93.56	43.26	94.30	112.8	89.13	38.19	87.41	110-120	71.72	1038	75.5,75.5
130	139.0	114.0	60.15	110.2	136.0	103.9	54.76	106.4	120-130	84.02	1122	81.6,81.6
140	154.5	123.2	76.39	116.0	148.0	109.4	71.19	115.0	130-140	84.22	1206	87.8,87.8
150	149.0	123.7	90.77	115.6	139.7	109.8	86.32	116.4	140-150	72.41	1279	93,93
160	132.5	119.8	102.0	113.2	124.4	108.9	98.50	114.3	150-160	53.27	1332	96.9,96.9
170	117.5	114.7	108.9	111.1	113.5	109.0	107.1	111.8	160-170	31.98	1364	99.2,99.2
180	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	170-180	10.61	1375	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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 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	137	374
80	139	287
75	153	290
70	168	308
65	184	333
60	215	372
55	372	493
50	3170	2236
45	11613	8384

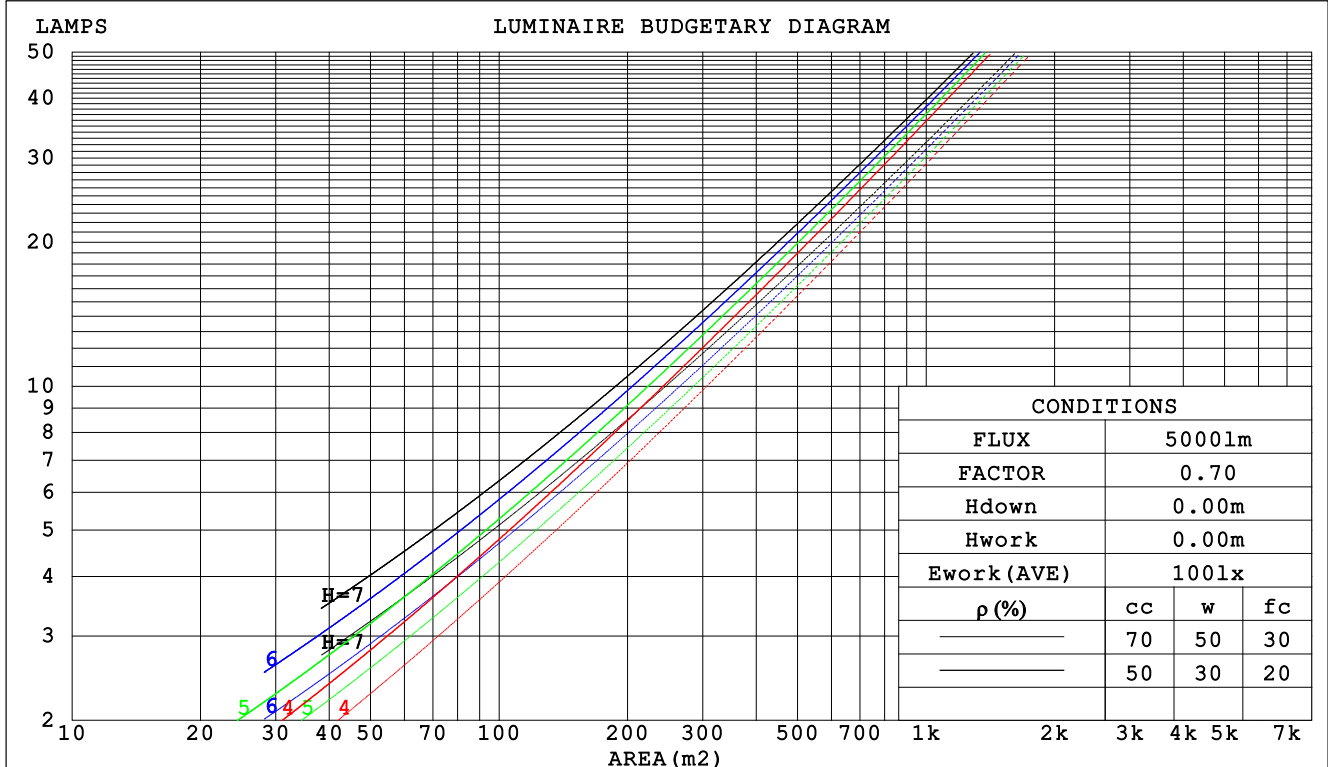
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.11	1.11	1.11	1.04	1.04	1.04	.92	.92	.92	.81	.81	.81	.70	.70	.70	.65
1.0	1.00	.98	.95	.95	.92	.90	.85	.83	.81	.75	.74	.72	.66	.65	.64	.60
2.0	.91	.86	.82	.86	.82	.79	.78	.75	.72	.69	.67	.65	.62	.60	.59	.55
3.0	.83	.77	.72	.79	.74	.70	.71	.67	.64	.64	.61	.59	.58	.56	.54	.51
4.0	.76	.69	.64	.72	.66	.62	.66	.61	.58	.59	.56	.53	.54	.51	.49	.46
5.0	.69	.63	.58	.66	.60	.56	.60	.56	.52	.55	.51	.48	.50	.47	.45	.42
6.0	.64	.57	.52	.61	.55	.50	.56	.51	.47	.51	.47	.44	.47	.44	.41	.39
7.0	.59	.52	.47	.56	.50	.46	.52	.47	.43	.48	.43	.40	.44	.40	.38	.36
8.0	.54	.47	.43	.52	.46	.42	.48	.43	.39	.44	.40	.37	.41	.37	.35	.33
9.0	.50	.44	.39	.48	.42	.38	.45	.40	.36	.41	.37	.34	.38	.35	.32	.31
10.0	.47	.40	.36	.45	.39	.35	.42	.37	.33	.39	.35	.32	.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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm					
NAME: 1FT			TYPE:3500K 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	.215	.122	.039	.198	.113	.036	.165	.095	.030	.136	.078	.025	.108	.063	.020		
2.0	.204	.112	.034	.189	.104	.032	.159	.089	.028	.133	.074	.023	.108	.061	.019		
3.0	.193	.103	.031	.179	.096	.029	.152	.083	.025	.128	.070	.022	.105	.058	.018		
4.0	.182	.095	.028	.170	.089	.026	.145	.077	.023	.123	.066	.020	.102	.056	.017		
5.0	.172	.088	.025	.161	.083	.024	.139	.072	.021	.118	.062	.019	.099	.053	.016		
6.0	.163	.082	.023	.153	.077	.022	.132	.068	.020	.113	.059	.017	.096	.050	.015		
7.0	.155	.077	.022	.145	.072	.021	.126	.064	.018	.109	.056	.016	.092	.048	.014		
8.0	.147	.072	.020	.138	.068	.019	.120	.060	.017	.104	.053	.015	.089	.046	.013		
9.0	.140	.068	.019	.131	.064	.018	.115	.057	.016	.100	.050	.014	.085	.043	.013		
10.0	.133	.064	.018	.125	.060	.017	.110	.054	.015	.096	.048	.014	.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	.455	.455	.455	.389	.389	.389	.265	.265	.265	.152	.152	.152	.049	.049	.049	
1.0	.440	.423	.408	.377	.363	.351	.258	.250	.243	.148	.145	.141	.047	.047	.046	
2.0	.429	.400	.377	.367	.345	.326	.252	.238	.227	.145	.139	.133	.047	.045	.043	
3.0	.419	.383	.355	.359	.331	.308	.247	.230	.216	.142	.134	.127	.046	.044	.042	
4.0	.411	.370	.339	.353	.320	.295	.243	.223	.207	.140	.131	.123	.045	.043	.040	
5.0	.404	.360	.328	.347	.311	.285	.239	.218	.201	.138	.128	.119	.045	.042	.039	
6.0	.398	.352	.319	.342	.305	.278	.236	.213	.196	.137	.125	.117	.044	.041	.039	
7.0	.392	.345	.312	.337	.299	.272	.233	.210	.193	.135	.124	.115	.044	.040	.038	
8.0	.387	.340	.307	.333	.295	.268	.230	.207	.190	.134	.122	.113	.043	.040	.038	
9.0	.382	.335	.303	.329	.291	.265	.228	.204	.188	.133	.121	.112	.043	.040	.037	
10.0	.377	.331	.300	.325	.288	.262	.226	.202	.186	.132	.120	.111	.043	.039	.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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm										
NAME: 1FT					TYPE:3500K 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	16.6	17.5	17.3	18.1	18.9	15.8	16.7	16.5	17.3	18.1
3H	16.3	17.1	17.0	17.8	18.6	15.5	16.3	16.3	17.0	17.8
4H	16.2	16.9	16.9	17.6	18.4	15.4	16.1	16.1	16.8	17.7
6H	16.0	16.7	16.8	17.4	18.3	15.2	15.9	16.0	16.6	17.5
8H	15.9	16.6	16.7	17.3	18.2	15.2	15.8	15.9	16.5	17.4
12H	15.9	16.5	16.6	17.2	18.1	15.1	15.7	15.9	16.4	17.4
4H 2H	16.2	16.9	16.9	17.6	18.5	15.4	16.1	16.1	16.8	17.7
3H	15.9	16.5	16.6	17.2	18.1	15.1	15.7	15.9	16.5	17.4
4H	15.7	16.2	16.5	17.0	18.0	14.9	15.5	15.7	16.3	17.2
6H	15.5	16.0	16.4	16.8	17.8	14.8	15.2	15.6	16.1	17.0
8H	15.5	15.9	16.3	16.7	17.7	14.7	15.1	15.5	16.0	17.0
12H	15.4	15.8	16.2	16.6	17.6	14.6	15.0	15.5	15.8	16.9
8H 4H	15.5	15.9	16.3	16.7	17.7	14.7	15.1	15.5	15.9	17.0
6H	15.3	15.6	16.2	16.5	17.5	14.5	14.9	15.4	15.7	16.8
8H	15.2	15.5	16.1	16.4	17.5	14.4	14.7	15.3	15.6	16.7
12H	15.1	15.4	16.0	16.3	17.4	14.4	14.6	15.3	15.5	16.6
12H 4H	15.4	15.8	16.2	16.6	17.6	14.6	15.0	15.5	15.8	16.9
6H	15.2	15.5	16.1	16.4	17.5	14.4	14.7	15.3	15.6	16.7
8H	15.1	15.4	16.0	16.3	17.4	14.4	14.6	15.3	15.5	16.6
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -19.5					+ 2.9 / -17.3				
1.5H	+ 4.0 / -13.1					+ 4.1 / -13.6				
2.0H	+ 7.0 / -16.6					+ 6.5 / -11.9				

CIE Pub.117 Corrected 1375 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.1)

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

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

UTILIZATION FACTORS TABLE

Test:U:119.3V I:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

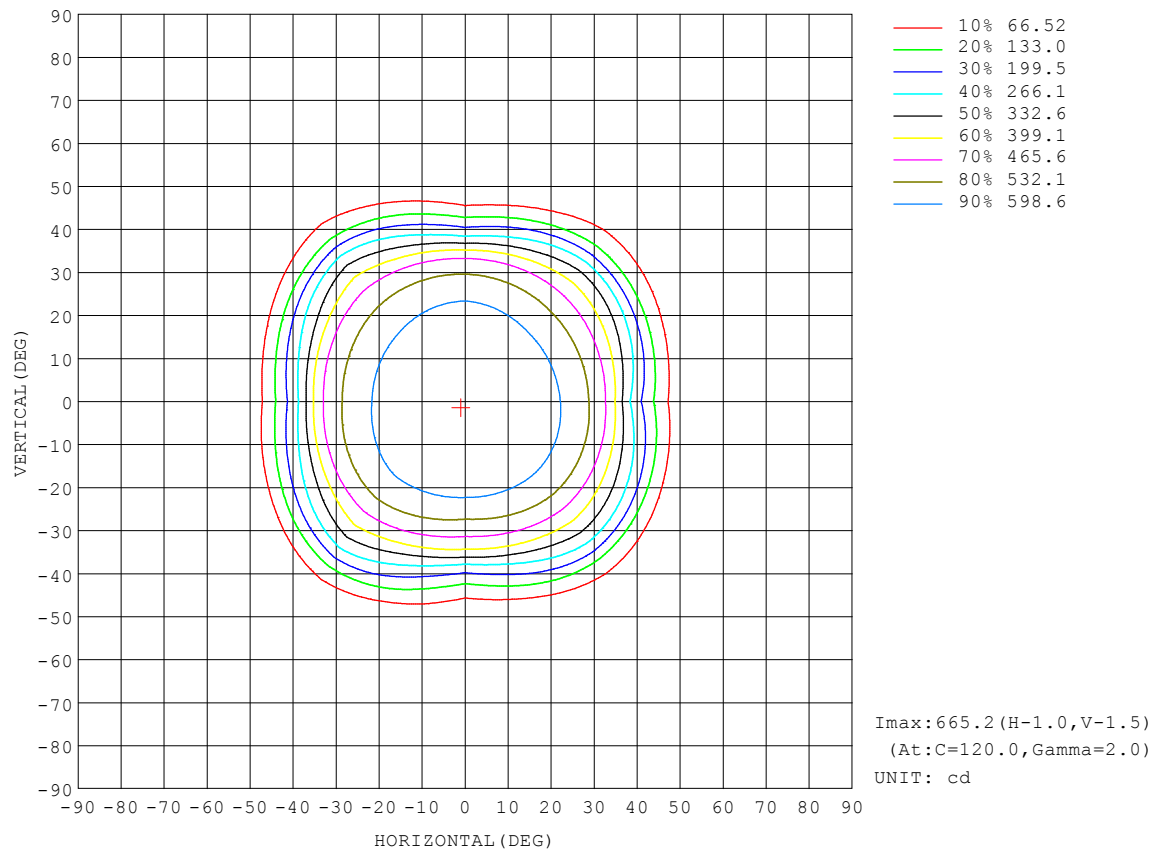
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	55	51	62	54	50	59	53	49	43
0.80	72	64	59	70	62	58	66	60	56	49
1.00	79	70	65	76	68	64	71	65	61	53
1.25	84	76	71	81	74	69	75	69	66	56
1.50	88	80	75	84	78	73	77	73	69	58
2.00	93	86	81	88	83	78	81	76	73	60
2.50	96	90	85	91	86	82	82	79	76	61
3.00	98	93	88	93	88	85	84	81	78	62
4.00	101	97	93	96	92	89	86	83	81	63
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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

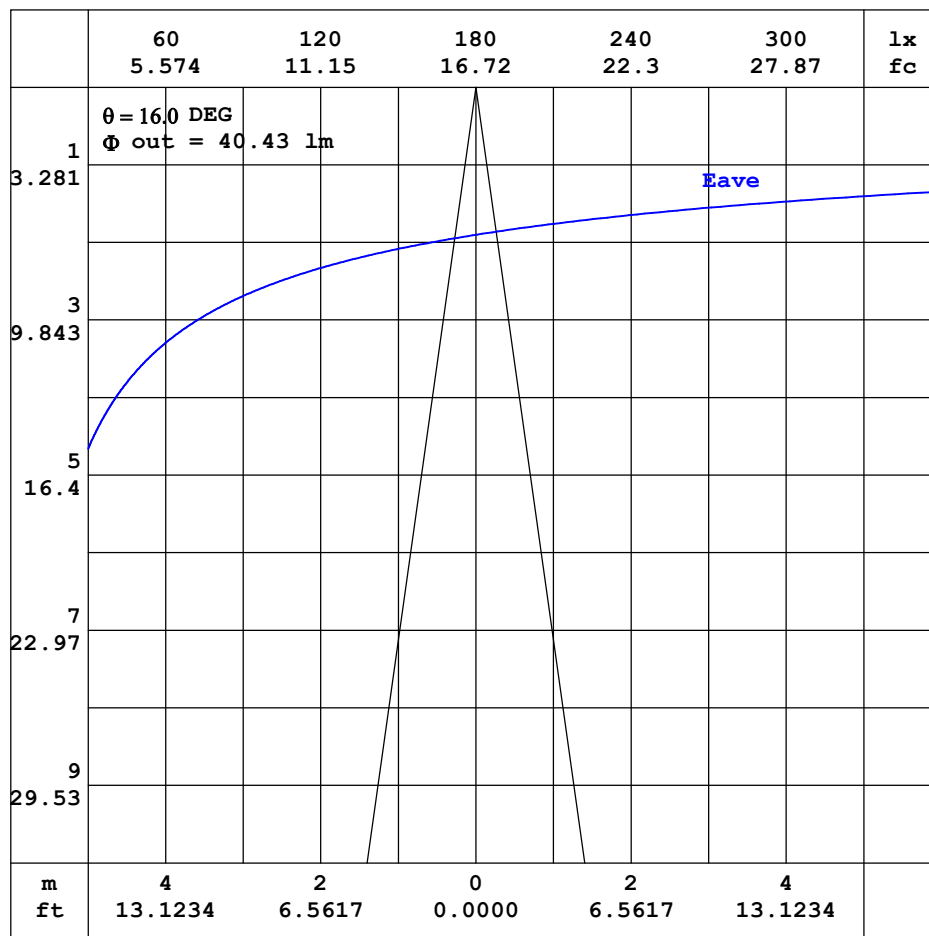


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



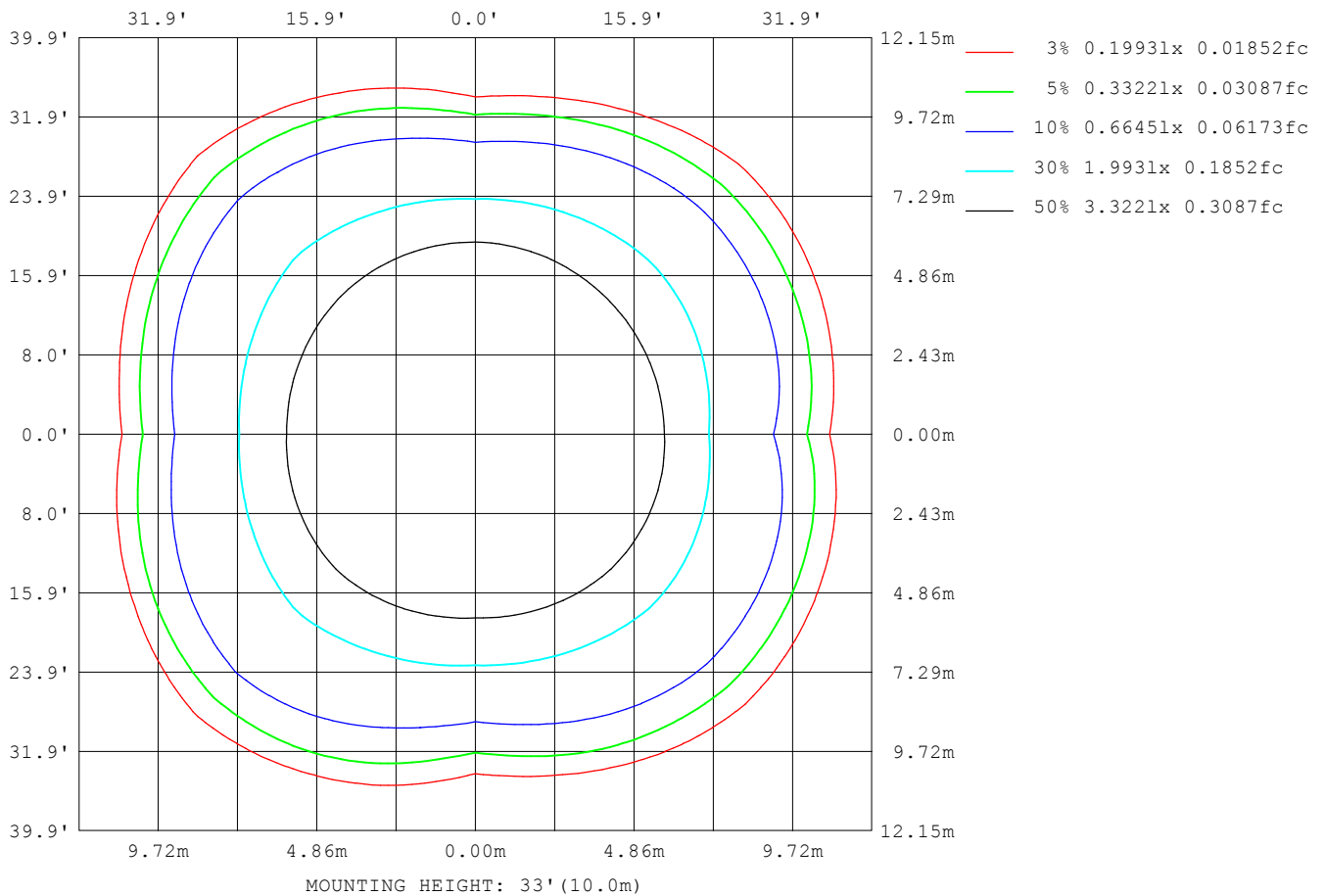
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

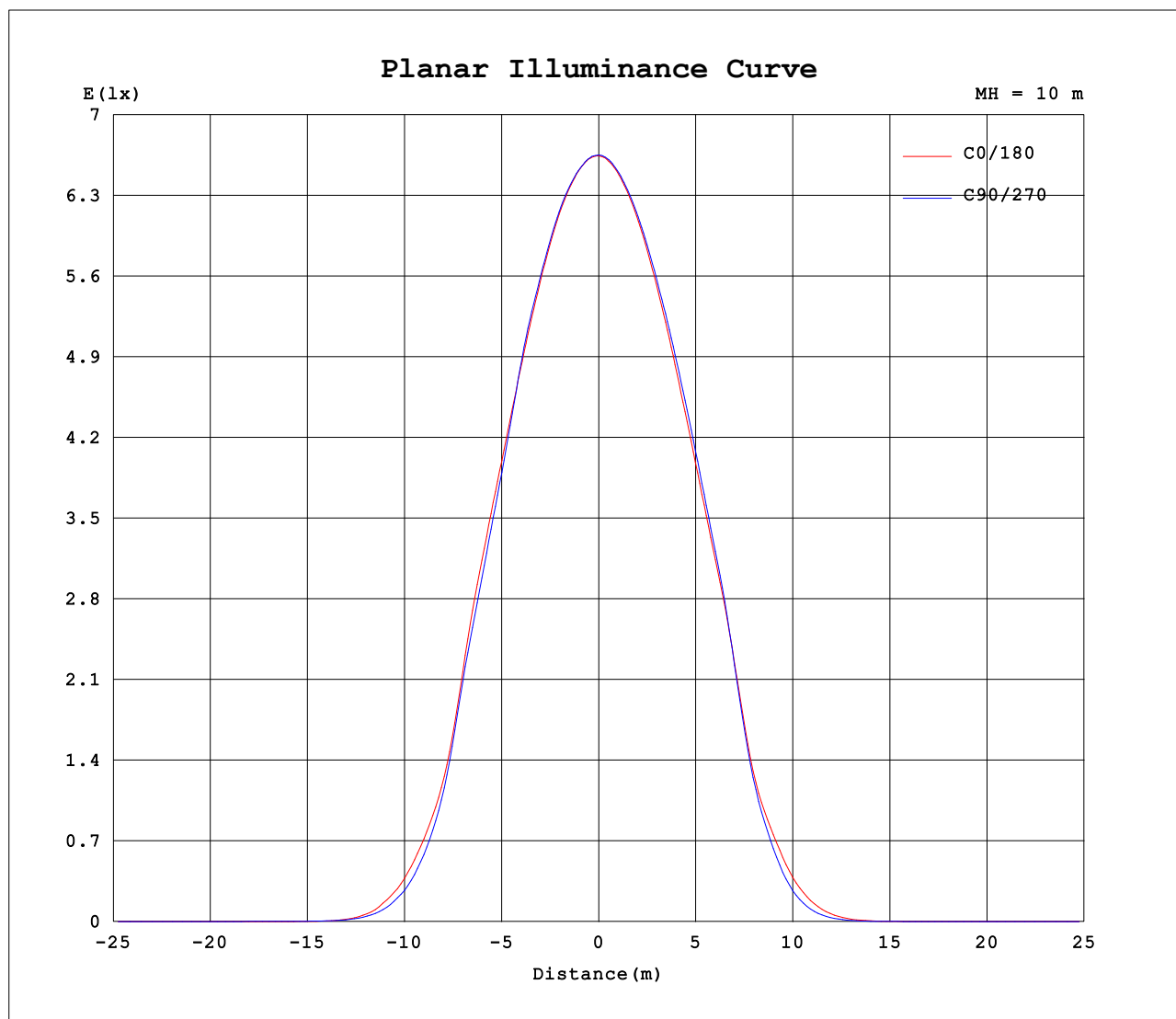
AvgL	cd/m2
L_0~180 (65) av	178
L_0~180 (75) av	148
L_0~180 (85) av	123
L_90~270 (65) av	276
L_90~270 (75) av	263
L_90~270 (85) av	376
L_45 (65) av	245
L_45 (75) av	229
L_45 (85) av	323

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 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	664	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665
5	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663
10	655	655	656	656	656	656	656	656	656	657	657	657	657	657	657	657	657	657	657
15	640	641	641	642	642	643	643	643	643	644	644	644	644	644	644	644	644	644	644
20	614	615	616	617	617	618	618	619	619	620	620	620	620	620	620	620	620	620	620
25	574	576	578	580	581	582	583	583	583	583	581	579	577	574	572	570	568	566	565
30	515	518	520	522	524	524	525	525	524	524	520	516	512	508	504	500	497	494	492
35	394	403	411	417	423	427	430	432	433	433	427	421	414	407	400	394	388	383	379
40	222	245	266	283	298	310	318	324	327	327	314	300	283	266	249	233	218	205	195
45	107	125	141	155	167	176	182	187	188	188	177	164	150	135	121	107	95.0	84.7	77.1
50	26.5	35.0	42.4	48.8	54.1	58.4	61.7	63.9	65.0	65.1	60.5	55.1	49.2	43.1	37.0	31.3	26.1	21.8	18.7
55	2.77	6.57	9.92	12.8	15.3	17.3	18.9	20.1	20.8	21.1	19.4	17.5	15.3	13.0	10.7	8.55	6.57	4.91	3.68
60	1.40	2.13	2.78	3.36	3.85	4.27	4.60	4.86	5.04	5.13	4.88	4.56	4.21	3.83	3.46	3.12	2.81	2.57	2.42
65	1.01	1.11	1.20	1.28	1.36	1.43	1.50	1.56	1.62	1.67	1.71	1.74	1.77	1.79	1.81	1.82	1.83	1.83	1.83
70	0.75	0.82	0.89	0.96	1.02	1.07	1.12	1.17	1.21	1.25	1.28	1.30	1.33	1.34	1.36	1.37	1.37	1.37	1.37
75	0.52	0.57	0.62	0.67	0.71	0.75	0.79	0.82	0.85	0.88	0.90	0.92	0.94	0.95	0.96	0.97	0.97	0.98	0.97
80	0.31	0.35	0.39	0.42	0.45	0.48	0.51	0.53	0.55	0.57	0.59	0.60	0.62	0.62	0.63	0.64	0.64	0.65	0.65
85	0.16	0.19	0.21	0.24	0.27	0.29	0.31	0.33	0.35	0.36	0.38	0.39	0.40	0.40	0.41	0.42	0.42	0.42	0.42
90	2.32	2.30	2.26	2.21	2.15	2.08	1.99	1.89	1.78	1.66	1.36	1.07	0.79	0.53	0.31	0.13	0.06	0.03	0.00
95	15.4	16.7	17.8	18.6	19.2	19.6	19.7	19.6	19.2	18.6	16.7	14.6	12.4	10.3	8.24	6.36	4.74	3.46	2.61
100	42.4	43.6	44.4	44.9	45.1	44.9	44.3	43.4	42.1	40.5	36.8	32.9	28.9	24.9	21.1	17.6	14.5	12.0	10.1
105	70.8	69.8	68.6	67.2	65.5	63.6	61.5	59.1	56.5	53.7	49.0	44.1	39.3	34.6	30.3	26.3	22.9	20.1	18.1
110	85.3	84.5	83.3	81.8	80.1	78.1	75.8	73.2	70.4	67.2	61.9	56.3	50.8	45.5	40.5	35.9	32.0	28.8	26.5
115	99.7	99.0	98.0	96.6	94.8	92.8	90.3	87.6	84.5	81.1	75.0	68.9	62.7	56.7	51.0	45.8	41.3	37.6	34.9
120	114	113	112	110	109	106	104	101	97.3	93.6	87.1	80.4	73.6	67.1	60.9	55.3	50.3	46.3	43.3
125	127	126	125	123	121	119	116	113	109	105	98.2	91.1	84.0	77.1	70.6	64.6	59.3	55.0	51.8
130	139	138	136	134	131	129	126	122	118	114	107	99.8	92.7	85.7	79.1	73.1	67.8	63.4	60.2
135	149	147	144	142	139	136	132	128	124	120	113	106	99.4	92.7	86.5	80.7	75.7	71.6	68.4
140	154	152	149	146	143	139	135	132	127	123	117	111	104	98.3	92.6	87.4	82.9	79.2	76.4
145	154	152	149	145	142	139	135	132	128	124	119	113	108	103	97.8	93.4	89.5	86.3	83.9
150	149	147	144	141	139	136	133	130	127	124	119	115	110	106	102	98.6	95.4	92.8	90.8
155	141	139	137	135	133	131	129	127	124	122	119	115	112	109	106	103	100	98.4	96.9
160	133	131	130	129	127	126	125	123	121	120	117	115	113	110	108	106	105	103	102
165	124	124	123	122	122	121	120	119	118	117	116	114	113	111	110	109	108	107	106
170	118	117	117	117	117	116	116	116	115	115	114	113	113	112	111	110	110	109	109
175	113	113	113	113	113	113	113	113	113	113	112	112	112	112	111	111	111	111	110
180	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 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	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	664	664
5	663	663	663	663	663	663	663	663	663	663	662	662	662	661	661	661	660	660	660
10	657	657	657	657	657	657	657	656	656	655	655	654	653	653	652	651	651	650	650
15	644	644	644	644	644	644	644	643	643	642	641	640	639	638	637	636	635	634	634
20	621	621	621	622	622	622	622	622	621	620	619	617	616	615	613	612	611	610	609
25	567	569	572	575	578	581	583	586	588	587	586	584	582	580	578	575	573	571	571
30	496	500	505	510	516	521	526	531	535	534	532	530	527	524	521	518	516	513	514
35	385	393	401	410	419	428	437	445	452	449	445	440	434	429	423	417	412	408	412
40	209	225	244	264	284	304	322	339	353	344	332	317	302	286	270	255	241	230	241
45	90.8	107	125	144	164	183	200	216	229	220	209	195	180	164	148	133	120	109	118
50	25.0	32.4	40.6	49.2	57.9	66.3	74.1	81.0	86.7	82.0	76.0	69.1	61.6	53.8	46.2	38.9	32.4	27.0	31.6
55	6.18	9.09	12.3	15.6	18.9	22.1	25.1	27.7	29.7	27.5	24.7	21.6	18.3	14.8	11.5	8.35	5.55	3.24	5.32
60	3.03	3.72	4.46	5.21	5.96	6.66	7.29	7.83	8.24	7.65	6.93	6.13	5.27	4.40	3.53	2.71	1.98	1.35	1.74
65	1.83	1.83	1.82	1.80	1.78	1.76	1.73	1.69	1.65	1.57	1.49	1.40	1.32	1.24	1.15	1.08	1.01	0.94	0.93
70	1.36	1.35	1.34	1.32	1.30	1.28	1.25	1.22	1.18	1.13	1.07	1.01	0.95	0.90	0.84	0.79	0.75	0.71	0.70
75	0.98	0.97	0.97	0.96	0.95	0.93	0.92	0.90	0.87	0.83	0.78	0.73	0.68	0.63	0.59	0.54	0.51	0.48	0.48
80	0.65	0.66	0.66	0.66	0.65	0.65	0.64	0.63	0.61	0.57	0.53	0.49	0.45	0.41	0.37	0.34	0.31	0.28	0.29
85	0.43	0.43	0.44	0.44	0.44	0.43	0.43	0.42	0.41	0.37	0.34	0.30	0.27	0.23	0.20	0.17	0.14	0.12	0.14
90	0.61	1.29	2.01	2.76	3.50	4.22	4.88	5.48	5.97	5.76	5.44	5.03	4.57	4.07	3.54	3.02	2.51	2.05	2.08
95	4.76	7.31	10.2	13.2	16.3	19.5	22.5	25.2	27.7	27.4	26.7	25.8	24.6	23.2	21.8	20.3	18.9	17.6	18.2
100	12.5	15.6	19.3	23.3	27.7	32.1	36.6	40.9	45.0	46.4	47.5	48.3	48.7	48.9	48.9	48.6	48.2	47.7	47.8
105	20.6	23.9	27.8	32.3	37.1	42.2	47.4	52.5	57.5	60.5	63.2	65.5	67.5	69.2	70.5	71.5	72.0	72.2	71.5
110	29.3	33.0	37.4	42.4	47.8	53.5	59.3	65.1	70.6	73.8	76.6	79.1	81.1	82.8	84.1	84.9	85.4	85.5	84.9
115	37.9	41.9	46.8	52.3	58.2	64.5	70.8	77.2	83.2	86.7	89.7	92.3	94.5	96.3	97.6	98.5	99.0	99.0	98.4
120	46.4	50.6	55.6	61.4	67.7	74.3	81.1	87.8	94.3	98.1	102	105	107	109	111	112	113	113	112
125	54.8	59.0	64.0	69.9	76.2	83.0	89.9	96.9	104	108	112	115	118	121	123	124	125	125	124
130	62.9	66.8	71.6	77.2	83.4	89.9	96.7	104	110	115	119	123	127	130	132	134	135	136	135
135	70.8	74.2	78.5	83.5	89.1	95.1	101	108	114	119	124	128	132	136	139	141	143	144	142
140	78.2	81.0	84.6	88.9	93.8	99.0	105	110	116	121	126	131	135	139	142	145	147	148	146
145	85.3	87.5	90.4	93.8	97.8	102	107	111	116	121	125	130	134	137	140	143	145	146	144
150	91.8	93.4	95.5	98.2	101	105	108	112	116	119	123	126	130	133	135	137	139	140	138
155	97.5	98.6	100	102	104	106	109	112	114	117	120	122	125	127	129	130	131	132	131
160	102	103	104	105	106	108	110	111	113	115	117	118	120	121	122	123	124	124	123
165	106	106	107	108	108	109	110	111	112	113	114	115	116	116	117	117	118	118	117
170	109	109	109	109	110	110	110	111	111	112	112	112	113	113	113	113	113	114	113
175	110	110	110	110	110	110	110	111	111	111	111	111	111	111	111	111	111	111	111
180	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm		
NAME: 1FT	TYPE:3500K 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	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665
5	660	660	660	660	660	660	660	661	661	661	661	661	661	661	661	661	661	661	661
10	650	650	650	650	650	650	651	651	651	651	652	652	652	652	653	653	653	653	653
15	634	634	633	634	634	634	634	635	635	636	636	637	638	638	639	639	640	639	639
20	609	609	609	609	610	610	611	611	612	613	614	615	616	617	618	618	619	618	617
25	571	572	572	573	573	574	575	576	578	579	580	581	582	583	584	585	585	584	582
30	515	516	518	519	521	523	525	527	527	527	528	528	528	527	527	526	526	524	523
35	417	423	429	435	440	446	451	454	450	446	440	434	428	421	415	410	405	407	409
40	254	269	285	302	318	332	345	355	343	328	311	293	275	257	240	225	212	220	230
45	129	142	156	170	184	196	207	216	204	189	173	156	139	121	105	89.5	76.5	81.3	88.5
50	37.4	43.9	50.8	57.9	64.7	71.1	76.5	80.9	75.1	68.2	60.5	52.2	43.7	35.3	27.4	20.2	14.1	17.2	21.4
55	7.90	10.8	14.0	17.2	20.4	23.3	25.9	28.0	26.0	23.4	20.5	17.4	14.1	10.8	7.64	4.76	2.26	3.28	4.72
60	2.24	2.83	3.48	4.15	4.83	5.46	6.04	6.51	6.15	5.69	5.15	4.55	3.92	3.28	2.64	2.04	1.50	1.52	1.60
65	0.92	0.93	0.93	0.95	0.97	0.99	1.02	1.05	1.07	1.09	1.11	1.13	1.15	1.17	1.18	1.19	1.20	1.19	1.17
70	0.71	0.72	0.73	0.75	0.77	0.80	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.96	0.97	0.98	0.99	0.98	0.96
75	0.49	0.51	0.53	0.56	0.59	0.62	0.65	0.68	0.70	0.72	0.73	0.75	0.76	0.78	0.78	0.79	0.79	0.79	0.78
80	0.31	0.33	0.35	0.38	0.41	0.45	0.48	0.51	0.53	0.55	0.56	0.58	0.59	0.60	0.61	0.61	0.62	0.61	0.60
85	0.16	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.39	0.40	0.41	0.42	0.42	0.43	0.43	0.43	0.42	0.42
90	2.16	2.28	2.42	2.57	2.72	2.86	2.97	3.05	2.77	2.46	2.12	1.76	1.38	1.01	0.65	0.31	0.00	0.02	0.04
95	19.0	19.8	20.6	21.3	22.0	22.5	22.8	22.8	20.5	17.9	15.3	12.5	9.72	7.06	4.59	2.39	0.55	1.22	2.26
100	47.8	47.7	47.4	46.8	46.0	44.9	43.5	41.8	37.6	33.2	28.6	24.1	19.7	15.6	12.0	8.85	6.41	8.15	10.6
105	70.5	69.1	67.4	65.3	62.9	60.1	57.1	53.8	48.6	43.3	38.0	32.8	27.9	23.4	19.4	16.1	13.6	15.5	18.2
110	83.9	82.5	80.7	78.6	76.0	73.2	70.0	66.4	60.7	54.8	48.8	43.0	37.5	32.5	28.1	24.4	21.6	23.8	26.9
115	97.3	95.9	93.9	91.6	88.9	85.9	82.4	78.6	72.3	65.9	59.4	53.1	47.1	41.7	36.8	32.8	29.9	32.4	35.9
120	111	109	107	104	101	97.3	93.4	89.1	82.5	75.7	68.9	62.3	56.0	50.3	45.3	41.2	38.2	41.0	44.8
125	123	120	118	114	111	107	103	97.9	91.0	84.0	77.1	70.4	64.1	58.4	53.4	49.4	46.4	49.4	53.4
130	132	130	126	123	119	114	109	104	97.2	90.3	83.6	77.2	71.2	65.8	61.1	57.4	54.8	57.7	61.7
135	139	136	132	128	123	118	113	108	101	94.9	88.7	82.9	77.5	72.7	68.6	65.4	63.2	65.9	69.7
140	143	139	135	131	126	120	115	109	104	98.0	92.6	87.5	82.9	78.9	75.5	72.9	71.2	73.6	76.9
145	141	138	134	130	125	120	115	110	105	100	95.9	91.7	88.0	84.7	82.0	80.0	78.8	80.8	83.6
150	136	133	130	126	122	118	114	110	106	102	98.9	95.8	92.9	90.5	88.6	87.1	86.3	87.9	90.2
155	129	127	124	121	119	116	112	109	107	104	102	99.3	97.3	95.6	94.3	93.3	92.8	94.1	95.8
160	122	121	119	117	115	113	111	109	107	105	104	102	101	100	99.3	98.8	98.5	99.4	101
165	117	116	115	114	112	111	110	109	108	107	106	105	105	104	104	103	103	104	105
170	113	112	112	111	111	110	110	109	109	108	108	108	107	107	107	107	107	107	108
175	111	111	111	110	110	110	110	110	110	110	109	109	109	109	109	109	110	110	110
180	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110

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:0.0990A P:11.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1374.74x1 lm																	
NAME: 1FT									TYPE:3500K 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	665	665	665	665	665	665	665	665	665	665	665	665	665	665	665				
5	661	661	661	661	661	661	661	661	661	661	661	662	662	662	662				
10	653	652	652	652	652	651	651	652	652	652	652	653	653	654	655				
15	638	638	637	636	636	635	635	635	635	636	636	637	637	638	639				
20	616	615	613	612	611	610	609	609	609	609	609	610	611	612	613				
25	581	579	577	575	573	572	570	570	569	569	569	570	570	571	572				
30	522	520	519	517	516	515	513	513	512	512	512	512	513	513	514				
35	412	416	419	423	426	429	431	431	429	426	423	419	414	408	402				
40	242	256	270	284	298	310	320	319	316	310	302	291	278	262	243				
45	97.4	108	118	130	141	151	160	161	160	158	153	147	140	130	119				
50	26.5	32.2	38.3	44.3	50.3	55.7	60.4	60.6	59.8	58.0	55.2	51.5	46.7	41.0	34.2				
55	6.47	8.43	10.5	12.6	14.6	16.4	18.0	17.8	17.3	16.4	15.0	13.4	11.3	8.83	5.99				
60	1.74	1.92	2.13	2.35	2.57	2.78	2.97	2.95	2.88	2.79	2.65	2.47	2.26	2.01	1.72				
65	1.15	1.13	1.11	1.08	1.06	1.04	1.02	1.01	1.00	1.00	0.99	0.99	0.99	1.00	1.00				
70	0.95	0.93	0.92	0.90	0.88	0.86	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75				
75	0.76	0.75	0.73	0.71	0.69	0.67	0.65	0.64	0.62	0.61	0.59	0.58	0.56	0.55	0.53				
80	0.59	0.58	0.56	0.54	0.52	0.50	0.48	0.47	0.45	0.43	0.41	0.39	0.37	0.35	0.33				
85	0.41	0.40	0.39	0.38	0.36	0.35	0.33	0.32	0.30	0.28	0.26	0.24	0.22	0.20	0.18				
90	0.06	0.09	0.12	0.15	0.17	0.20	0.25	0.39	0.55	0.74	0.94	1.17	1.43	1.70	2.00				
95	3.62	5.23	7.01	8.89	10.8	12.7	14.5	15.3	15.9	16.3	16.5	16.6	16.5	16.3	15.9				
100	13.6	17.0	20.7	24.6	28.6	32.6	36.4	38.2	39.8	41.0	42.0	42.7	43.0	43.1	42.9				
105	21.6	25.6	30.0	34.7	39.6	44.6	49.5	52.6	55.5	58.2	60.8	63.1	65.3	67.3	69.1				
110	30.7	35.3	40.3	45.6	51.2	56.8	62.4	65.8	69.0	72.0	74.8	77.3	79.7	81.8	83.7				
115	40.3	45.4	51.0	57.0	63.2	69.4	75.6	79.3	82.8	86.0	89.0	91.6	94.1	96.2	98.1				
120	49.5	55.0	61.0	67.5	74.1	80.8	87.4	91.5	95.2	98.7	102	105	108	110	112				
125	58.4	64.2	70.5	77.2	84.2	91.2	98.1	102	106	110	114	117	120	122	125				
130	66.7	72.4	78.7	85.4	92.3	99.4	106	111	115	119	123	127	130	133	136				
135	74.3	79.6	85.4	91.7	98.3	105	112	117	121	125	130	134	138	142	145				
140	80.9	85.7	90.9	96.6	103	109	115	120	124	129	133	137	142	146	150				
145	87.1	91.1	95.6	100	106	111	116	121	125	129	133	137	142	146	150				
150	92.9	96.1	99.7	104	108	112	116	120	123	127	131	134	138	142	145				
155	97.9	100	103	106	109	112	116	118	121	124	127	129	132	135	138				
160	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130				
165	106	107	108	109	110	112	113	114	115	117	118	119	120	122	123				
170	108	109	109	110	110	111	112	112	113	114	114	115	115	116	117				
175	110	110	110	110	110	111	111	111	111	112	112	112	112	113	113				
180	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110				

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: