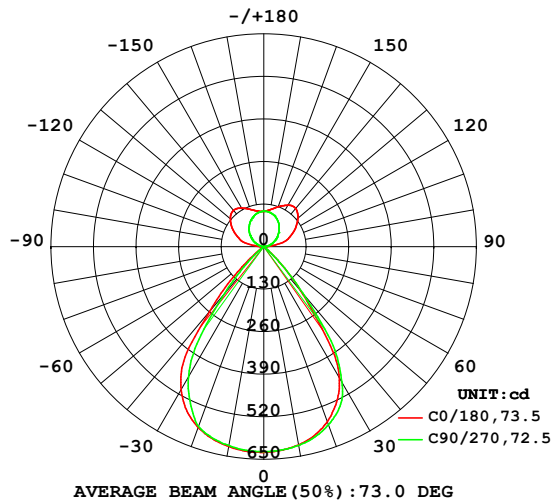


LUMINAIRE PHOTOMETRIC TEST REPORT

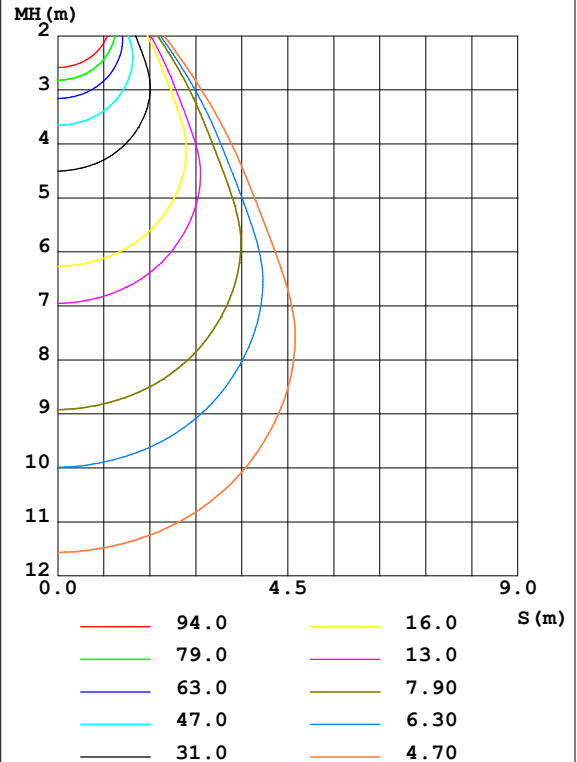
Test:U:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.76 lm/W			
MODEL		I _{max} (cd)	628.9	S/MH(C0/180)	1.02
NOMINAL POWER(W)	12W	LOR(%)	100.0	S/MH(C90/270)	1.04
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1314.7	η UP,DN(C0-180)	18.2,32.8
NOMINAL FLUX(lm)	1314.71	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	17.5,31.5
LAMPS INSIDE	1	η up(%)	35.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	64.3	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:

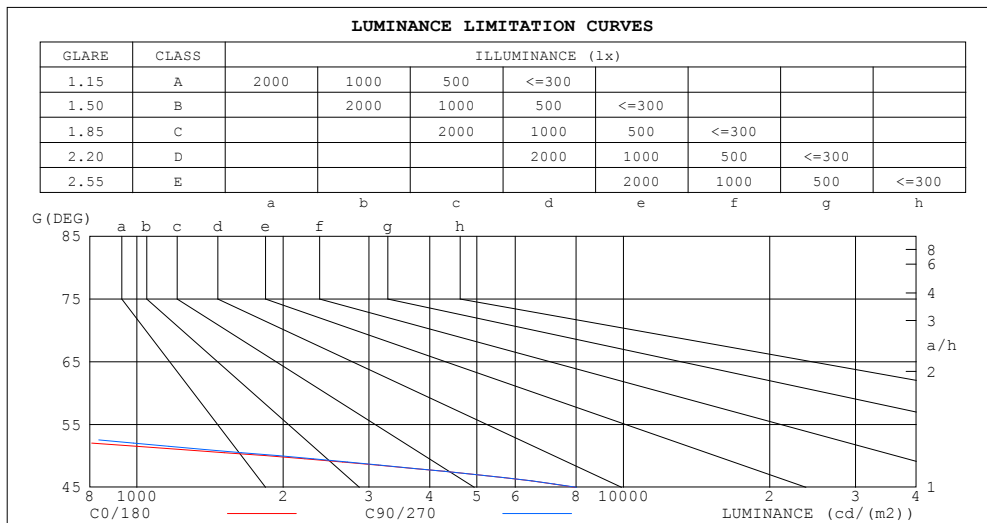
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	615.2	614.6	616.4	618.1	620.1	619.6	617.2	610.0	0- 10	59.33	59.33	4.51,4.51
20	569.0	575.7	579.0	588.4	587.8	586.4	584.5	564.0	10- 20	169.7	229.1	17.4,17.4
30	462.4	484.5	477.0	517.7	505.2	510.6	460.6	456.7	20- 30	247.9	477.0	36.3,36.3
40	177.8	294.3	186.1	373.8	255.0	337.6	186.7	253.3	30- 40	238.9	715.9	54.5,54.5
50	15.38	52.60	16.30	113.9	40.28	75.94	16.47	48.38	40- 50	110.3	826.2	62.8,62.8
60	1.439	3.258	2.188	9.216	1.690	7.472	2.670	2.755	50- 60	15.76	842.0	64,64
70	0.8649	1.022	1.364	1.249	0.9706	1.660	1.578	1.151	60- 70	1.886	843.8	64.2,64.2
80	0.4580	0.6197	0.7610	0.7407	0.4961	0.9425	0.8178	0.6953	70- 80	1.004	844.9	64.3,64.3
90	2.312	1.687	0	5.990	2.237	3.345	0.0000	0.5013	80- 90	0.6692	845.5	64.3,64.3
100	41.20	39.45	9.649	43.75	47.09	42.28	6.507	36.60	90-100	17.56	863.1	65.6,65.6
110	84.07	65.40	25.39	68.77	84.06	66.46	21.71	62.15	100-110	49.96	913.0	69.4,69.4
120	111.8	91.50	41.60	92.24	111.0	88.65	38.30	86.86	110-120	70.60	983.6	74.8,74.8
130	136.6	112.4	58.10	108.0	134.0	102.7	54.62	105.5	120-130	82.74	1066	81.1,81.1
140	152.3	121.8	74.37	113.7	144.9	107.7	70.58	113.8	130-140	82.92	1149	87.4,87.4
150	146.9	122.2	88.81	113.3	136.7	107.9	85.07	115.1	140-150	71.24	1221	92.8,92.8
160	129.9	118.1	100.0	110.8	121.6	107.0	96.91	112.9	150-160	52.35	1273	96.8,96.8
170	115.1	112.9	106.8	108.8	110.8	107.1	105.3	110.0	160-170	31.40	1304	99.2,99.2
180	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	170-180	10.41	1315	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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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	267	437
80	203	337
75	189	313
70	195	307
65	202	312
60	221	337
55	262	425
50	1841	1950
45	7965	8005

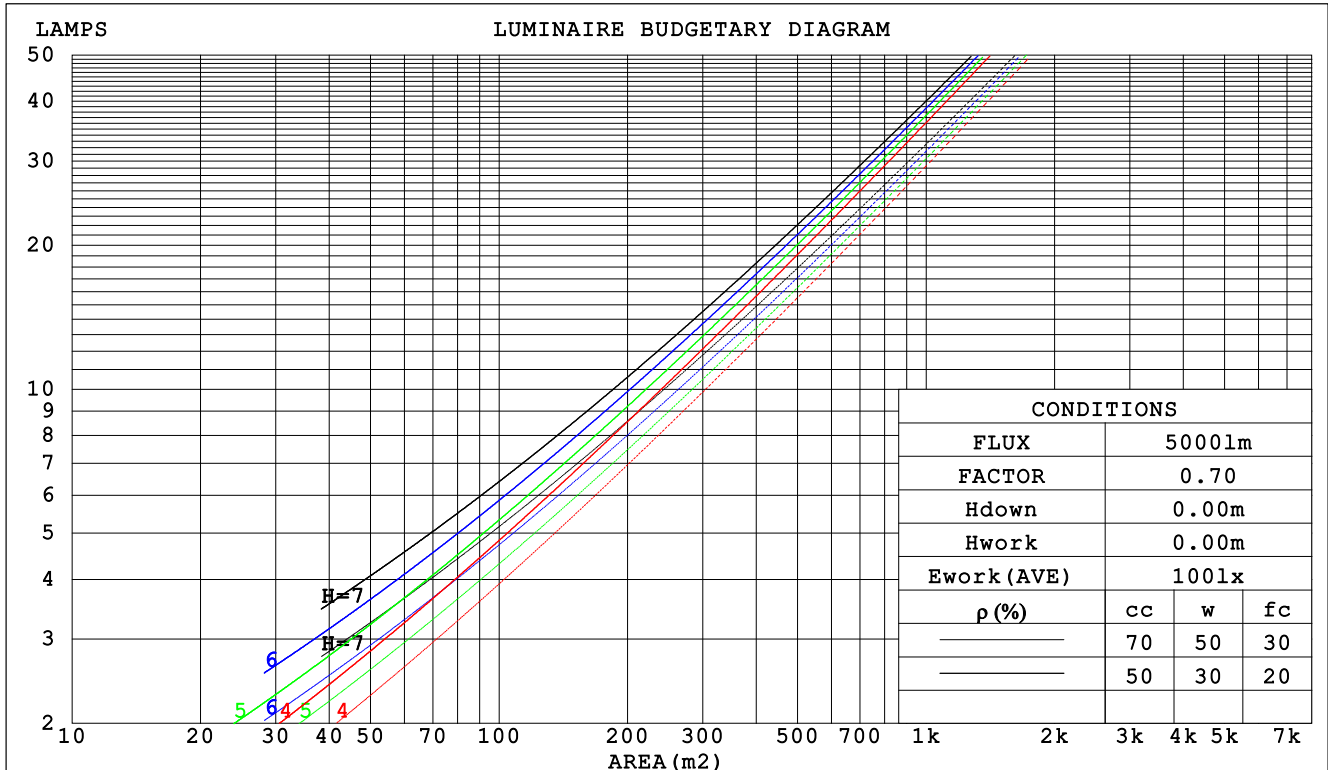
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.11	1.11	1.11	1.04	1.04	1.04	.91	.91	.91	.80	.80	.80	.69	.69	.69	.64
1.0	1.00	.97	.94	.95	.92	.90	.84	.82	.80	.74	.73	.72	.65	.64	.64	.59
2.0	.91	.86	.82	.86	.82	.78	.77	.74	.71	.69	.66	.64	.61	.59	.58	.54
3.0	.83	.77	.72	.78	.73	.69	.71	.67	.64	.64	.61	.58	.57	.55	.53	.50
4.0	.75	.69	.64	.72	.66	.62	.65	.61	.57	.59	.55	.53	.53	.50	.48	.46
5.0	.69	.62	.57	.66	.60	.55	.60	.55	.52	.54	.51	.48	.49	.47	.44	.42
6.0	.63	.56	.51	.61	.54	.50	.55	.50	.47	.51	.47	.44	.46	.43	.41	.38
7.0	.58	.51	.47	.56	.50	.45	.51	.46	.43	.47	.43	.40	.43	.40	.37	.35
8.0	.54	.47	.42	.52	.46	.41	.48	.43	.39	.44	.40	.37	.40	.37	.34	.33
9.0	.50	.43	.39	.48	.42	.38	.44	.39	.36	.41	.37	.34	.38	.34	.32	.30
10.0	.46	.40	.36	.45	.39	.35	.41	.36	.33	.38	.34	.31	.35	.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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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	.199	.113	.036	.166	.095	.030	.135	.078	.025	.107	.062	.020		
2.0	.205	.112	.034	.189	.104	.032	.159	.089	.028	.132	.074	.023	.107	.060	.019		
3.0	.194	.103	.031	.179	.096	.029	.152	.083	.025	.127	.070	.021	.104	.058	.018		
4.0	.183	.095	.028	.170	.089	.026	.145	.077	.023	.123	.066	.020	.101	.055	.017		
5.0	.173	.088	.026	.161	.083	.024	.138	.072	.021	.117	.062	.018	.098	.052	.016		
6.0	.164	.082	.023	.153	.077	.022	.132	.068	.020	.113	.059	.017	.094	.050	.015		
7.0	.155	.077	.022	.145	.072	.021	.126	.064	.018	.108	.055	.016	.091	.047	.014		
8.0	.147	.072	.020	.138	.068	.019	.120	.060	.017	.103	.052	.015	.088	.045	.013		
9.0	.140	.068	.019	.131	.064	.018	.115	.057	.016	.099	.050	.014	.084	.043	.012		
10.0	.133	.064	.018	.125	.060	.017	.110	.054	.015	.095	.047	.013	.081	.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	.462	.462	.462	.395	.395	.395	.270	.270	.270	.155	.155	.155	.050	.050	.050	
1.0	.448	.431	.416	.383	.370	.358	.262	.255	.248	.151	.147	.144	.048	.047	.047	
2.0	.437	.408	.385	.374	.351	.332	.256	.243	.232	.148	.141	.136	.047	.046	.044	
3.0	.427	.391	.363	.366	.338	.314	.251	.234	.221	.145	.137	.130	.047	.044	.043	
4.0	.419	.378	.347	.360	.327	.301	.247	.228	.212	.143	.133	.126	.046	.043	.041	
5.0	.412	.368	.335	.354	.318	.292	.244	.222	.206	.141	.131	.122	.046	.043	.040	
6.0	.406	.360	.327	.349	.312	.285	.241	.218	.201	.140	.128	.120	.045	.042	.040	
7.0	.400	.353	.320	.344	.306	.279	.238	.215	.198	.138	.126	.118	.045	.041	.039	
8.0	.395	.348	.315	.340	.302	.275	.235	.212	.195	.137	.125	.116	.044	.041	.038	
9.0	.390	.343	.311	.336	.298	.272	.233	.209	.193	.136	.124	.115	.044	.041	.038	
10.0	.385	.339	.308	.332	.295	.269	.231	.207	.191	.134	.123	.114	.044	.040	.038	

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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	15.7	16.6	16.4	17.2	18.0	15.4	16.2	16.1	16.9	17.7
3H	15.4	16.2	16.1	16.9	17.7	15.1	15.9	15.8	16.6	17.4
4H	15.3	16.0	16.0	16.7	17.6	15.0	15.7	15.7	16.4	17.3
6H	15.1	15.8	15.9	16.5	17.4	14.8	15.5	15.6	16.2	17.1
8H	15.0	15.7	15.8	16.4	17.3	14.7	15.3	15.5	16.1	17.0
12H	14.9	15.5	15.7	16.3	17.2	14.6	15.2	15.4	16.0	16.9
4H 2H	15.3	16.0	16.0	16.7	17.6	15.0	15.7	15.7	16.4	17.3
3H	15.0	15.5	15.7	16.3	17.2	14.6	15.2	15.4	16.0	16.9
4H	14.8	15.3	15.6	16.1	17.1	14.5	15.0	15.3	15.8	16.8
6H	14.6	15.1	15.5	15.9	16.9	14.3	14.8	15.2	15.6	16.6
8H	14.5	15.0	15.4	15.8	16.8	14.2	14.7	15.1	15.5	16.5
12H	14.5	14.8	15.3	15.7	16.7	14.2	14.5	15.0	15.4	16.4
8H 4H	14.5	15.0	15.4	15.8	16.8	14.2	14.7	15.1	15.5	16.5
6H	14.4	14.7	15.3	15.6	16.7	14.1	14.4	15.0	15.3	16.4
8H	14.3	14.6	15.2	15.5	16.6	14.0	14.3	14.9	15.2	16.3
12H	14.2	14.5	15.1	15.4	16.5	13.9	14.2	14.8	15.1	16.2
12H 4H	14.5	14.8	15.3	15.7	16.7	14.2	14.5	15.0	15.4	16.4
6H	14.3	14.6	15.2	15.5	16.6	14.0	14.3	14.9	15.2	16.3
8H	14.2	14.5	15.1	15.4	16.5	13.9	14.2	14.8	15.1	16.2
Variations with the observer position at spacings:										
S = 1.0H	+ 3.1 / -19.0					+ 2.6 / -17.2				
1.5H	+ 4.4 / -15.3					+ 4.4 / -13.7				
2.0H	+ 7.0 / -14.0					+ 6.5 / -10.7				

CIE Pub.117 Corrected 1315 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.0)

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

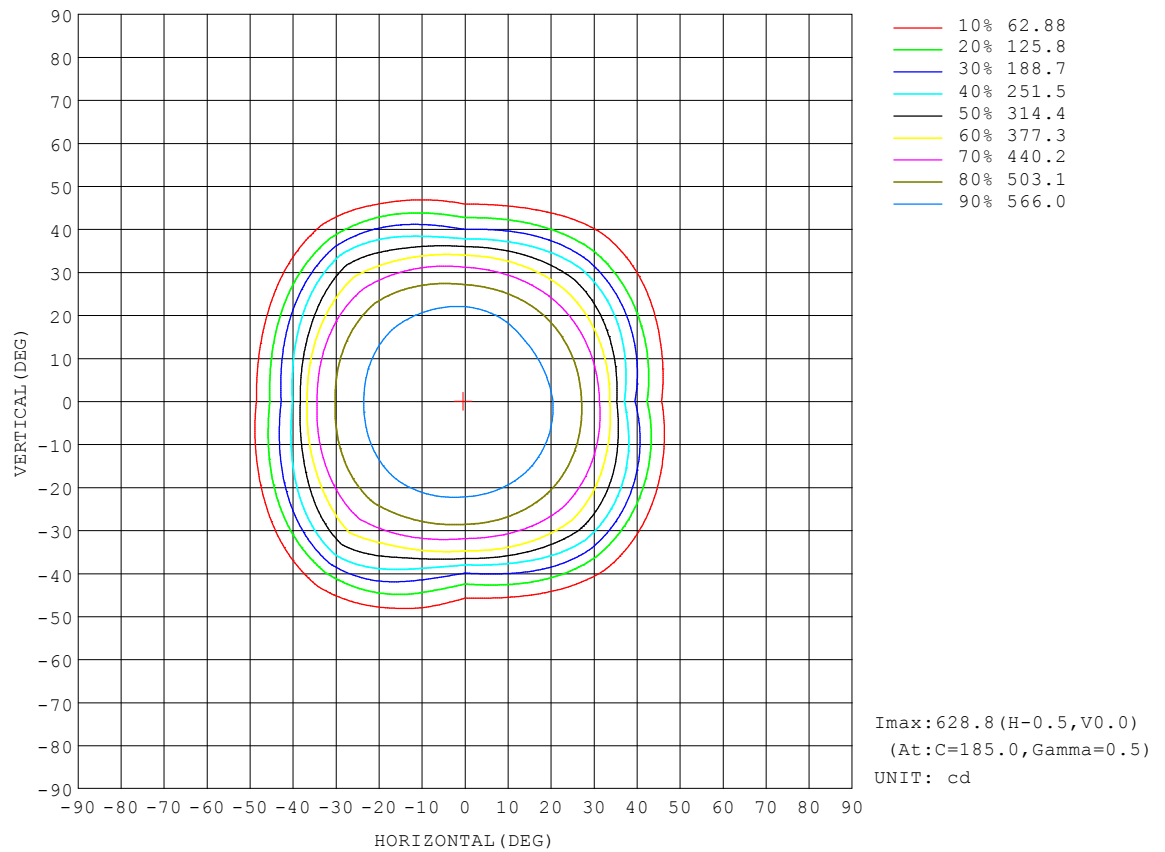
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	63	55	50	61	54	49	58	52	48	42
0.80	72	63	58	69	62	57	65	59	55	48
1.00	78	70	64	75	68	63	70	65	60	52
1.25	83	75	70	80	73	68	74	69	65	55
1.50	87	80	75	84	77	72	77	72	68	57
2.00	92	86	80	88	82	78	80	76	72	59
2.50	95	89	84	90	85	81	82	78	75	60
3.00	98	92	88	93	88	84	83	80	77	61
4.00	101	96	92	95	91	88	85	83	80	62
5.00	103	99	95	97	94	91	86	84	82	62
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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

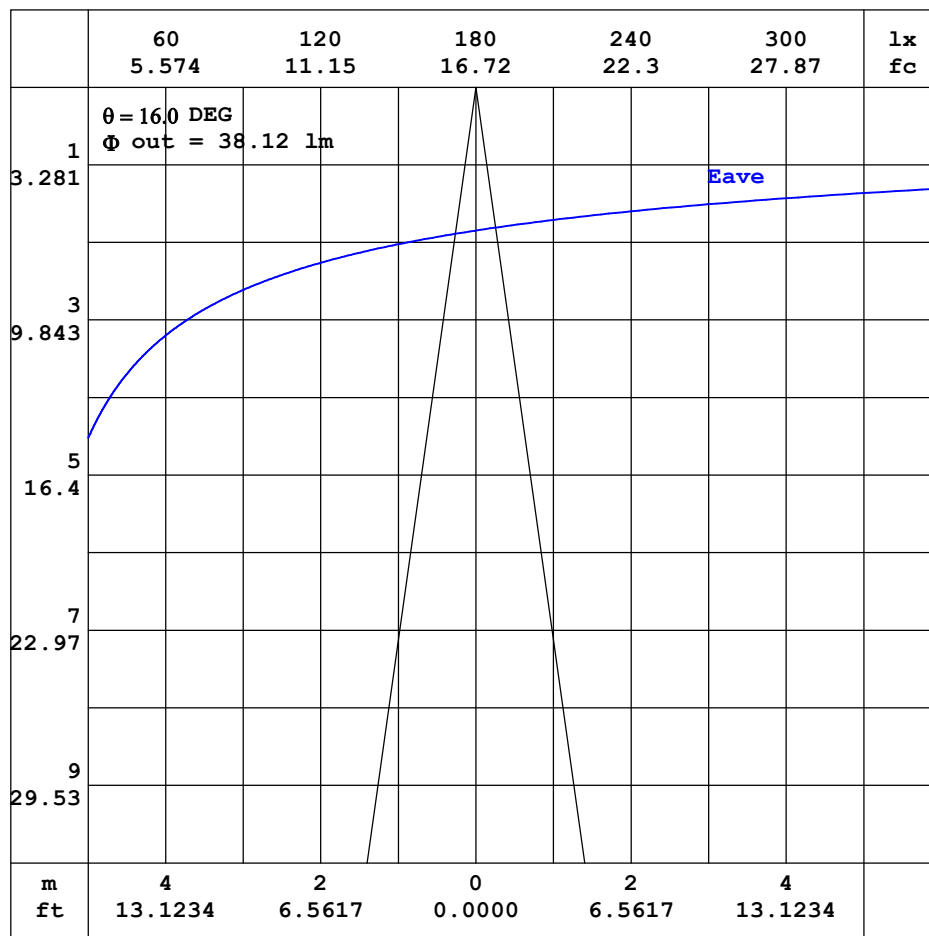


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



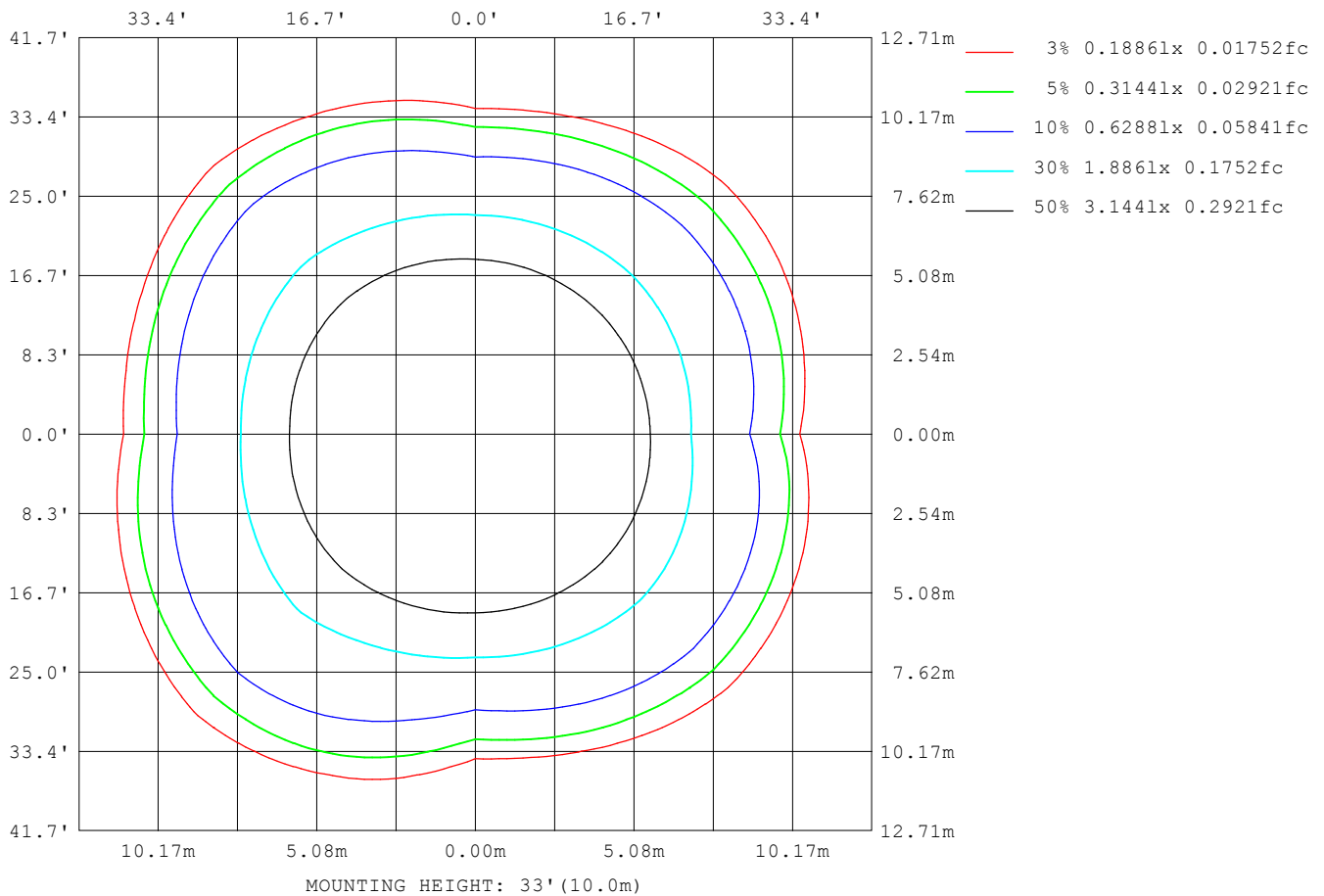
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 lm		
NAME: 1FT	TYPE:3000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

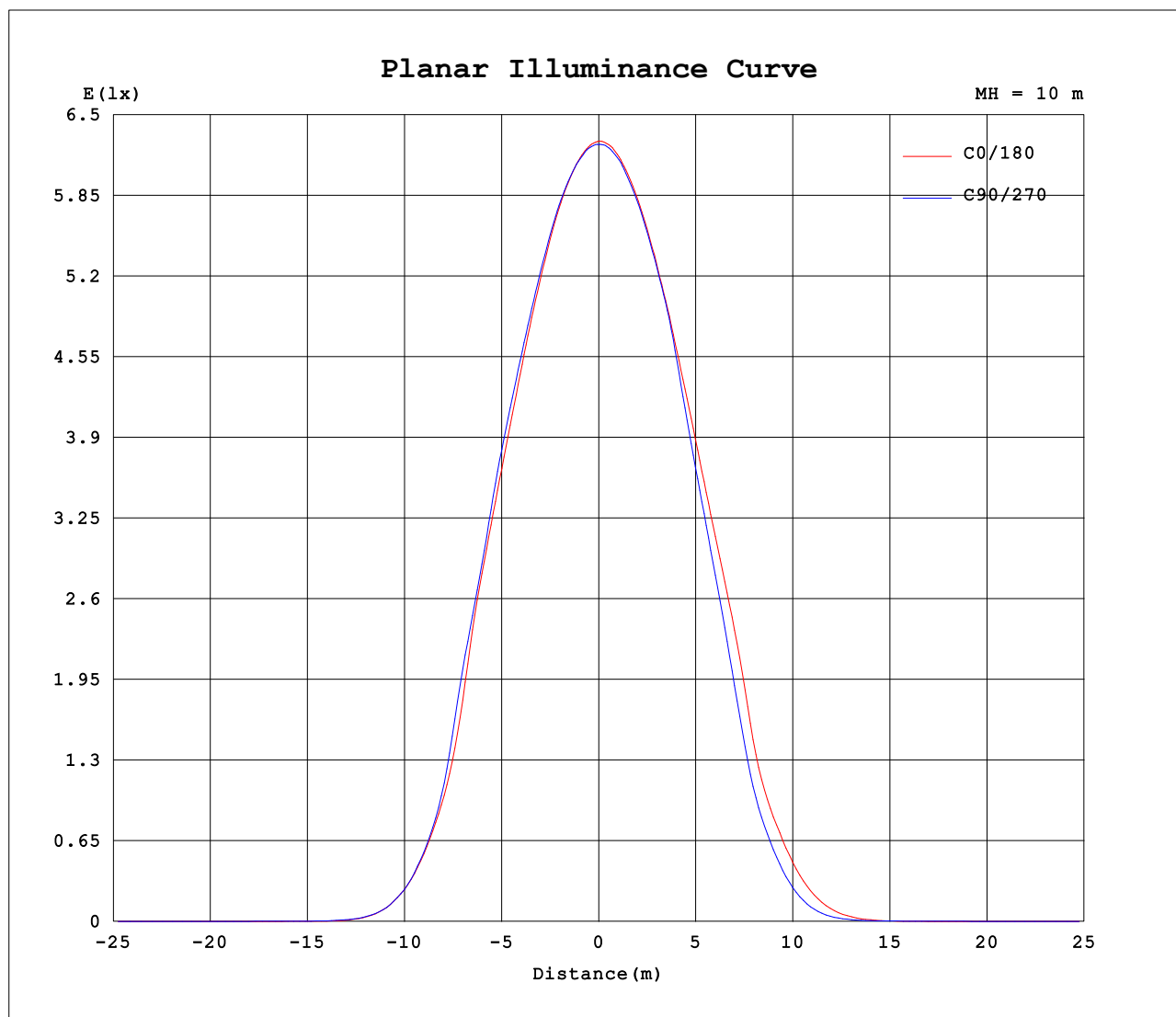
AvgL	cd/m2
L_0~180 (65) av	214
L_0~180 (75) av	200
L_0~180 (85) av	281
L_90~270 (65) av	342
L_90~270 (75) av	331
L_90~270 (85) av	460
L_45 (65) av	310
L_45 (75) av	293
L_45 (85) av	501

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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	629	629	629	628	628	628	628	628	628	628	627	627	627	627	627	626	626	626	626
5	624	624	624	624	624	624	624	623	623	623	623	623	623	623	623	623	623	623	623
10	615	615	615	615	615	615	615	615	615	615	615	615	615	615	615	616	616	616	616
15	598	598	598	599	599	599	600	600	600	600	601	601	601	601	601	601	602	602	602
20	569	570	571	572	572	573	574	575	575	576	576	576	577	577	577	578	578	578	579
25	526	527	529	530	532	533	535	536	537	538	539	540	540	541	542	543	543	544	545
30	462	466	470	473	476	478	480	482	483	484	484	483	481	480	479	478	477	477	477
35	325	340	353	365	376	385	393	399	404	407	405	401	396	391	386	381	376	373	370
40	178	202	223	242	257	270	280	288	292	294	284	271	258	243	229	215	203	193	186
45	73.2	90.1	105	118	129	138	145	150	153	154	145	135	124	112	102	91.7	83.3	77.1	73.6
50	15.4	23.1	30.0	36.0	41.0	45.1	48.4	50.7	52.1	52.6	48.4	43.6	38.4	33.2	28.2	23.8	20.1	17.5	16.3
55	1.95	4.83	7.37	9.59	11.5	13.0	14.3	15.1	15.7	15.9	14.5	12.8	11.0	9.15	7.39	5.82	4.52	3.60	3.17
60	1.44	1.78	2.09	2.37	2.60	2.81	2.97	3.10	3.20	3.26	3.08	2.88	2.68	2.49	2.32	2.19	2.11	2.11	2.19
65	1.11	1.11	1.13	1.14	1.16	1.18	1.20	1.22	1.25	1.29	1.33	1.38	1.43	1.48	1.53	1.58	1.63	1.67	1.72
70	0.86	0.87	0.88	0.90	0.91	0.93	0.95	0.97	0.99	1.02	1.06	1.10	1.15	1.19	1.23	1.27	1.30	1.34	1.36
75	0.64	0.65	0.67	0.68	0.70	0.72	0.74	0.76	0.78	0.80	0.83	0.86	0.90	0.93	0.96	0.98	1.01	1.03	1.05
80	0.46	0.48	0.50	0.51	0.53	0.55	0.57	0.59	0.60	0.62	0.64	0.66	0.68	0.69	0.71	0.73	0.74	0.75	0.76
85	0.30	0.33	0.36	0.38	0.40	0.42	0.44	0.46	0.47	0.48	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.49
90	2.31	2.29	2.26	2.22	2.17	2.10	2.01	1.92	1.81	1.69	1.39	1.10	0.81	0.55	0.32	0.14	0.07	0.03	0.00
95	15.3	16.5	17.5	18.3	18.8	19.1	19.2	19.1	18.7	18.1	16.2	14.2	12.0	9.94	7.93	6.09	4.51	3.26	2.43
100	41.2	42.4	43.2	43.7	43.9	43.7	43.2	42.3	41.0	39.5	35.8	32.0	28.1	24.2	20.5	17.0	14.0	11.5	9.65
105	69.7	68.6	67.3	65.8	64.1	62.2	60.0	57.6	55.0	52.2	47.6	42.8	38.1	33.5	29.2	25.3	22.0	19.3	17.3
110	84.1	83.0	81.8	80.2	78.4	76.3	74.0	71.4	68.5	65.4	60.1	54.7	49.3	44.0	39.1	34.6	30.8	27.6	25.4
115	97.9	97.1	96.0	94.6	92.9	90.8	88.3	85.6	82.5	79.1	73.1	67.0	60.9	55.0	49.3	44.2	39.8	36.1	33.5
120	112	111	110	108	106	104	102	98.6	95.2	91.5	85.0	78.4	71.7	65.2	59.1	53.5	48.6	44.6	41.6
125	125	124	123	121	119	117	114	111	107	103	96.3	89.3	82.2	75.3	68.7	62.7	57.4	53.1	49.8
130	137	135	134	132	130	127	124	120	117	112	105	98.2	91.0	84.0	77.3	71.2	65.9	61.4	58.1
135	146	145	142	140	137	134	131	127	123	119	112	105	97.8	91.1	84.7	78.9	73.8	69.6	66.4
140	152	150	147	144	141	137	134	130	126	122	115	109	103	96.6	90.9	85.6	81.1	77.2	74.4
145	152	150	147	144	141	137	134	130	127	123	117	112	106	101	96.1	91.6	87.7	84.4	81.9
150	147	145	142	140	137	134	131	128	125	122	118	113	109	104	100	96.8	93.6	90.9	88.8
155	138	137	135	133	131	129	127	125	123	121	117	114	110	107	104	101	98.7	96.6	94.9
160	130	129	128	127	125	124	123	121	120	118	116	113	111	109	107	105	103	101	100
165	122	121	121	120	120	119	118	117	116	115	114	113	111	110	108	107	106	105	104
170	115	115	115	115	115	114	114	114	113	113	112	111	111	110	109	109	108	107	107
175	111	111	111	111	111	111	111	111	111	111	110	110	110	110	109	109	109	109	108
180	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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	626	626	625	625	625	625	625	625	625	625	626	626	627	627	628	628	628	629	629
5	623	623	623	623	623	624	624	624	624	624	625	625	625	626	626	627	627	627	627
10	617	617	617	617	617	618	618	618	618	618	619	619	619	619	620	620	620	620	620
15	603	603	604	605	605	606	606	607	607	607	608	608	608	608	608	608	608	608	608
20	580	581	582	583	584	586	587	588	588	589	589	589	589	589	589	588	588	588	588
25	547	549	550	552	554	555	557	558	559	559	559	559	558	558	557	556	556	555	556
30	481	485	490	495	500	505	510	514	518	518	517	516	515	513	511	509	507	505	506
35	378	387	397	408	419	429	440	449	457	457	455	453	449	445	441	436	432	427	429
40	203	223	246	269	292	316	337	357	374	366	356	343	329	313	297	282	268	255	262
45	92.1	113	136	159	183	206	228	247	263	255	244	230	215	198	181	165	149	135	141
50	26.1	37.2	49.0	61.3	73.5	85.3	96.3	106	114	109	102	94.6	85.7	76.2	66.5	57.1	48.2	40.3	42.6
55	6.77	10.8	15.1	19.5	23.9	28.1	31.9	35.3	37.9	35.5	32.5	28.9	25.0	20.9	16.8	12.8	9.16	5.95	7.11
60	2.98	3.85	4.75	5.66	6.54	7.37	8.11	8.74	9.22	8.59	7.82	6.95	6.01	5.05	4.10	3.19	2.38	1.69	2.11
65	1.75	1.78	1.81	1.83	1.84	1.85	1.85	1.85	1.83	1.76	1.68	1.60	1.52	1.45	1.38	1.32	1.28	1.25	1.33
70	1.37	1.37	1.36	1.35	1.34	1.32	1.30	1.28	1.25	1.21	1.16	1.12	1.08	1.04	1.01	0.99	0.97	0.97	1.03
75	1.06	1.06	1.06	1.05	1.04	1.03	1.02	1.00	0.98	0.94	0.90	0.86	0.82	0.79	0.76	0.73	0.71	0.71	0.76
80	0.77	0.77	0.78	0.78	0.77	0.77	0.76	0.75	0.74	0.71	0.67	0.64	0.61	0.57	0.55	0.52	0.51	0.50	0.53
85	0.50	0.51	0.52	0.53	0.53	0.54	0.54	0.54	0.54	0.51	0.49	0.46	0.43	0.40	0.38	0.36	0.34	0.33	0.37
90	0.61	1.28	2.00	2.75	3.50	4.22	4.89	5.49	5.99	5.79	5.48	5.10	4.66	4.17	3.67	3.17	2.68	2.24	2.29
95	4.52	7.01	9.79	12.8	15.8	18.9	21.8	24.5	26.9	26.7	26.1	25.2	24.1	22.8	21.5	20.1	18.8	17.7	18.3
100	12.0	15.0	18.6	22.5	26.8	31.1	35.5	39.7	43.8	45.2	46.4	47.2	47.7	48.0	48.0	47.9	47.5	47.1	47.4
105	19.8	23.0	26.8	31.2	35.9	40.9	45.9	51.0	55.9	58.9	61.6	64.0	66.0	67.8	69.1	70.1	70.8	71.0	70.6
110	28.1	31.7	36.1	41.0	46.3	51.9	57.6	63.3	68.8	71.9	74.8	77.2	79.3	81.0	82.4	83.3	83.9	84.1	83.6
115	36.4	40.4	45.2	50.6	56.5	62.6	68.9	75.2	81.2	84.6	87.7	90.3	92.5	94.4	95.8	96.8	97.3	97.4	97.0
120	44.7	48.8	53.8	59.6	65.8	72.4	79.1	85.8	92.2	96.1	99.5	103	105	107	109	110	111	111	110
125	52.9	57.0	62.1	67.9	74.2	80.9	87.9	94.8	101	106	110	113	116	118	120	122	123	123	122
130	60.8	64.7	69.5	75.0	81.2	87.7	94.5	101	108	113	117	121	124	128	130	132	133	134	133
135	68.7	72.0	76.3	81.3	86.9	92.9	99.1	106	112	117	122	126	130	134	137	139	141	142	140
140	76.2	79.0	82.5	86.8	91.6	96.8	102	108	114	119	123	128	132	136	139	142	144	145	143
145	83.3	85.4	88.3	91.7	95.6	99.9	104	109	114	118	123	127	131	134	137	140	142	143	141
150	89.7	91.3	93.4	96.0	99.0	102	106	110	113	117	120	124	127	130	132	134	136	137	135
155	95.5	96.5	98.0	99.8	102	104	107	109	112	115	117	120	122	124	126	127	128	129	128
160	100	101	102	103	104	106	107	109	111	112	114	116	117	118	120	120	121	122	121
165	104	104	105	105	106	107	108	109	110	110	111	112	113	114	114	115	115	115	115
170	107	107	107	107	107	108	108	108	109	109	109	110	110	110	110	111	111	111	111
175	108	108	108	108	108	108	108	108	108	108	108	109	109	109	109	109	109	108	108
180	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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	629	629	629	628	628	628	628	628	627	627	627	627	627	626	626	626	626	626	626
5	627	627	627	627	627	627	627	626	626	626	626	626	625	625	625	625	624	624	623
10	620	620	620	620	620	620	620	620	619	619	619	619	619	618	618	618	617	616	615
15	607	607	607	607	607	607	607	607	607	607	607	607	607	606	606	606	605	604	602
20	588	587	587	587	587	587	587	586	587	587	587	587	587	586	586	585	585	582	580
25	556	556	557	557	557	557	557	556	554	551	548	545	542	539	536	533	530	528	527
30	507	509	510	511	511	512	511	511	506	501	495	489	483	477	471	466	461	459	457
35	431	432	434	435	436	437	436	435	426	416	406	395	384	374	363	354	346	345	346
40	271	282	293	304	315	324	332	338	324	308	291	273	254	235	217	201	187	190	195
45	148	157	167	177	186	195	203	208	197	183	169	153	137	120	105	90.3	77.4	78.2	80.9
50	46.0	50.1	54.8	59.7	64.5	69.0	72.9	75.9	70.6	64.4	57.5	50.2	42.7	35.4	28.4	22.0	16.5	18.4	21.2
55	8.77	10.8	13.1	15.5	18.0	20.3	22.4	24.1	22.5	20.4	18.1	15.6	13.1	10.5	7.99	5.71	3.72	4.41	5.41
60	2.67	3.32	4.04	4.79	5.54	6.26	6.92	7.47	7.18	6.77	6.28	5.72	5.12	4.49	3.86	3.24	2.67	2.55	2.49
65	1.42	1.53	1.65	1.77	1.89	2.01	2.12	2.22	2.25	2.26	2.25	2.24	2.21	2.18	2.14	2.09	2.04	1.98	1.92
70	1.10	1.18	1.26	1.35	1.43	1.51	1.59	1.66	1.68	1.69	1.70	1.69	1.68	1.66	1.64	1.61	1.58	1.54	1.50
75	0.81	0.88	0.94	1.01	1.08	1.15	1.21	1.27	1.28	1.29	1.29	1.28	1.27	1.25	1.23	1.20	1.17	1.15	1.12
80	0.58	0.63	0.68	0.74	0.79	0.85	0.90	0.94	0.95	0.94	0.94	0.92	0.91	0.89	0.87	0.84	0.82	0.81	0.79
85	0.41	0.45	0.49	0.54	0.59	0.63	0.67	0.71	0.70	0.69	0.68	0.66	0.64	0.62	0.59	0.57	0.55	0.55	0.55
90	2.39	2.53	2.68	2.85	3.01	3.16	3.27	3.34	3.04	2.69	2.31	1.91	1.50	1.10	0.70	0.33	0.00	0.03	0.08
95	19.2	20.0	20.9	21.7	22.5	23.0	23.3	23.3	21.0	18.4	15.7	12.8	10.0	7.28	4.74	2.47	0.57	1.25	2.31
100	47.5	47.5	47.3	46.9	46.2	45.2	43.9	42.3	38.1	33.6	29.0	24.4	20.0	15.9	12.2	9.00	6.51	8.27	10.7
105	69.7	68.5	66.9	65.0	62.7	60.1	57.2	54.0	48.9	43.6	38.3	33.1	28.2	23.6	19.6	16.3	13.8	15.7	18.4
110	82.8	81.6	80.0	78.0	75.6	72.9	69.9	66.5	60.8	54.9	49.0	43.2	37.8	32.7	28.3	24.5	21.7	23.9	27.0
115	96.0	94.7	93.0	90.8	88.3	85.4	82.0	78.4	72.2	65.8	59.4	53.2	47.2	41.8	37.0	33.0	30.0	32.5	36.0
120	109	107	105	103	99.9	96.5	92.8	88.6	82.1	75.4	68.7	62.2	56.0	50.4	45.4	41.3	38.3	41.0	44.9
125	121	119	116	113	110	106	102	97.0	90.3	83.4	76.6	70.0	63.8	58.2	53.3	49.3	46.4	49.4	53.4
130	131	128	125	121	117	112	108	103	96.0	89.4	82.8	76.5	70.6	65.4	60.8	57.2	54.6	57.6	61.6
135	137	134	130	126	122	117	111	106	99.8	93.6	87.6	81.9	76.7	72.0	68.0	65.0	62.8	65.6	69.3
140	140	137	133	128	123	118	113	108	102	96.6	91.3	86.4	81.9	78.0	74.7	72.2	70.6	73.0	76.2
145	138	135	131	127	123	118	113	108	103	98.8	94.4	90.4	86.7	83.6	81.0	79.0	77.9	79.9	82.7
150	133	130	127	123	120	116	112	108	104	101	97.3	94.2	91.5	89.1	87.2	85.8	85.1	86.7	89.0
155	126	124	122	119	116	113	110	107	105	102	99.8	97.6	95.7	94.1	92.8	91.9	91.4	92.7	94.5
160	119	118	116	115	113	111	109	107	105	104	102	101	99.4	98.4	97.6	97.1	96.9	97.9	99.1
165	114	113	112	111	110	109	108	107	106	105	104	103	103	102	102	102	102	102	103
170	110	110	109	109	108	108	108	107	107	106	106	106	106	105	105	105	105	106	106
175	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
180	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108

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:121.6V I:0.1010A P:12.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1314.71x1 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	625	625	625	625	625	625	625	625	625	626	626	626	627	627	628				
5	623	622	622	621	621	621	620	621	621	621	621	622	622	623	624				
10	614	614	613	612	611	610	610	610	610	610	611	611	612	613	614				
15	601	599	597	596	594	593	592	592	592	592	592	593	594	595	596				
20	578	575	573	570	568	566	564	563	563	563	563	564	564	566	567				
25	526	525	524	524	523	523	523	523	523	523	523	523	524	524	525				
30	456	455	455	455	455	456	457	457	457	458	458	459	459	460	461				
35	347	350	352	355	358	360	363	361	359	356	352	348	343	338	332				
40	203	211	220	229	238	246	253	252	249	244	237	229	219	207	193				
45	84.9	90.0	95.9	102	108	114	119	118	116	113	109	104	98.2	91.0	82.6				
50	24.7	28.7	32.9	37.2	41.4	45.2	48.4	47.9	46.7	44.6	41.7	38.1	33.6	28.3	22.3				
55	6.65	8.06	9.54	11.0	12.5	13.7	14.8	14.6	14.0	13.2	12.0	10.6	8.90	6.88	4.56				
60	2.47	2.48	2.52	2.57	2.64	2.70	2.76	2.68	2.58	2.47	2.34	2.20	2.03	1.85	1.65				
65	1.86	1.80	1.73	1.67	1.60	1.53	1.47	1.42	1.37	1.33	1.28	1.24	1.21	1.17	1.14				
70	1.45	1.40	1.35	1.30	1.25	1.20	1.15	1.11	1.08	1.04	1.01	0.97	0.94	0.92	0.89				
75	1.09	1.06	1.03	1.00	0.96	0.93	0.90	0.87	0.84	0.81	0.78	0.75	0.72	0.69	0.67				
80	0.78	0.77	0.76	0.74	0.73	0.71	0.70	0.67	0.65	0.63	0.60	0.58	0.55	0.52	0.49				
85	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.53	0.51	0.49	0.47	0.44	0.41	0.38	0.34				
90	0.13	0.19	0.25	0.31	0.37	0.42	0.50	0.64	0.79	0.96	1.14	1.35	1.56	1.80	2.05				
95	3.70	5.33	7.14	9.06	11.0	12.9	14.8	15.5	16.1	16.5	16.7	16.7	16.6	16.3	15.9				
100	13.7	17.2	20.9	24.9	28.9	32.8	36.6	38.4	39.8	41.0	41.8	42.3	42.5	42.4	41.9				
105	21.8	25.7	30.1	34.8	39.7	44.7	49.5	52.6	55.4	58.0	60.4	62.7	64.7	66.6	68.2				
110	30.8	35.3	40.3	45.6	51.1	56.7	62.2	65.5	68.6	71.5	74.2	76.6	78.8	80.8	82.5				
115	40.4	45.4	51.0	56.9	63.0	69.1	75.2	78.8	82.2	85.2	88.0	90.6	92.8	94.8	96.5				
120	49.5	55.0	60.9	67.2	73.8	80.4	86.9	90.8	94.4	97.8	101	104	106	108	110				
125	58.3	64.0	70.2	76.9	83.7	90.6	97.4	102	105	109	112	115	118	121	123				
130	66.4	72.1	78.3	84.9	91.7	98.6	105	110	114	118	122	125	128	131	134				
135	73.8	79.0	84.8	91.1	97.5	104	111	115	120	124	128	132	136	140	143				
140	80.3	84.9	90.1	95.7	102	108	114	118	123	127	132	136	140	144	148				
145	86.1	90.1	94.5	99.3	104	110	115	119	123	128	132	136	140	144	148				
150	91.7	94.9	98.5	102	106	111	115	119	122	125	129	133	136	140	143				
155	96.6	99.0	102	105	108	111	114	117	119	122	125	127	130	133	136				
160	101	102	104	106	108	111	113	115	117	118	120	122	124	126	128				
165	104	105	106	107	109	110	111	113	114	115	116	117	118	119	121				
170	106	107	108	108	109	109	110	111	111	112	112	113	113	114	114				
175	108	108	108	108	109	109	109	109	109	110	110	110	110	110	110				
180	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108				

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: