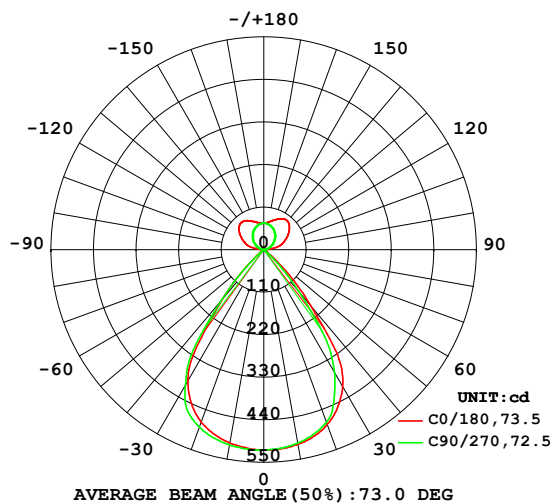


LUMINAIRE PHOTOMETRIC TEST REPORT

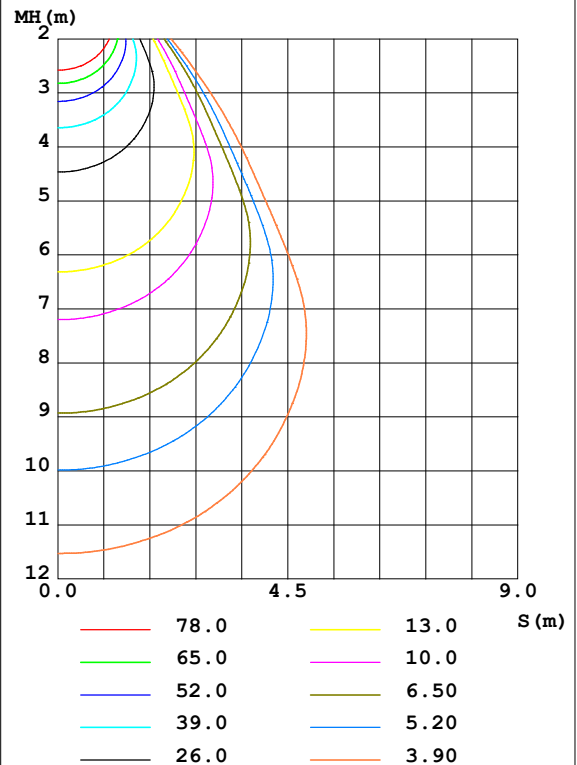
Test:U:119.3V I:0.0760A P:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.83 lm/W			
MODEL		Imax(cd)	518.4	S/MH(C0/180)	1.09
NOMINAL POWER(W)	9W	LOR(%)	100.0	S/MH(C90/270)	1.07
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	995.06	η UP,DN(C0-180)	14.8,34.6
NOMINAL FLUX(lm)	995.055	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	15.0,35.5
LAMPS INSIDE	1	η up(%)	29.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	70.2	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:

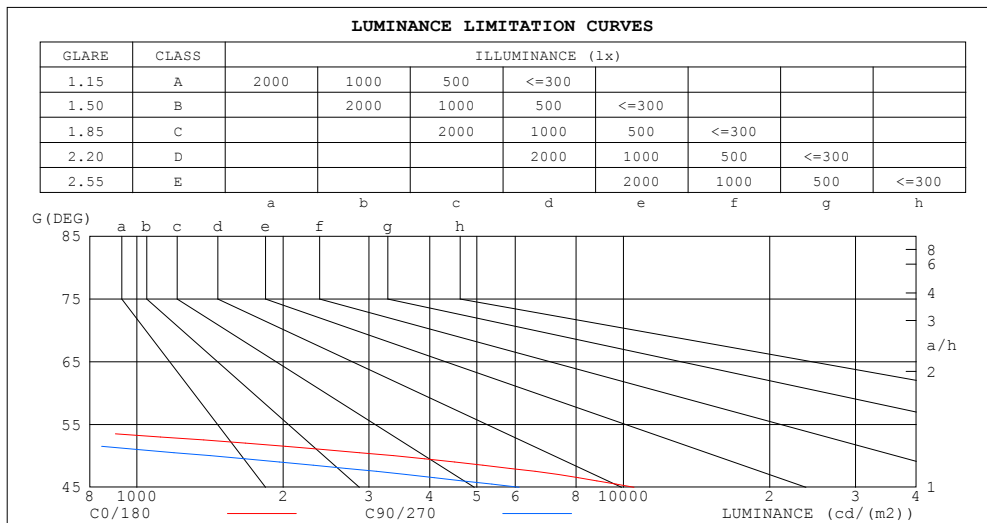
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	511.1	509.5	507.9	508.3	507.3	509.8	512.5	509.7	0- 10	49.04	49.04	4.93,4.93
20	480.9	479.7	474.8	477.2	474.2	480.1	487.8	479.6	10- 20	140.3	189.4	19,19
30	408.5	411.0	366.3	407.1	392.8	412.7	406.1	408.3	20- 30	205.4	394.7	39.7,39.7
40	188.0	260.5	141.1	255.4	163.9	270.6	169.0	265.5	30- 40	198.4	593.2	59.6,59.6
50	28.11	47.33	11.83	62.63	15.35	56.37	14.30	56.44	40- 50	89.95	683.1	68.6,68.6
60	1.233	3.208	1.871	4.899	1.205	5.388	2.007	3.823	50- 60	12.29	695.4	69.9,69.9
70	0.7196	0.8957	1.107	1.116	0.6486	1.015	1.259	0.9375	60- 70	1.439	696.8	70,70
80	0.3829	0.5277	0.5333	0.6173	0.3291	0.5936	0.7139	0.5645	70- 80	0.7787	697.6	70.1,70.1
90	2.051	0.4448	0	1.332	0.7485	3.356	0.0000	1.747	80- 90	0.4887	698.1	70.2,70.2
100	28.86	23.68	4.895	25.26	26.70	28.02	5.193	25.94	90-100	11.04	709.1	71.3,71.3
110	54.09	39.97	14.49	40.63	52.08	43.71	15.34	42.03	100-110	31.55	740.7	74.4,74.4
120	71.63	56.33	24.64	55.59	69.12	58.18	25.82	57.49	110-120	44.67	785.4	78.9,78.9
130	87.21	69.59	35.09	66.02	84.08	67.34	36.26	68.66	120-130	52.38	837.7	84.2,84.2
140	96.60	75.63	45.39	70.26	91.65	70.39	46.18	73.24	130-140	52.51	890.3	89.5,89.5
150	92.58	76.12	54.79	70.66	86.94	70.09	55.33	73.57	140-150	45.11	935.4	94,94
160	82.10	73.82	62.27	69.61	77.52	69.03	62.47	71.93	150-160	33.17	968.5	97.3,97.3
170	72.79	70.99	67.10	68.75	70.57	68.49	67.35	70.00	160-170	19.91	988.5	99.3,99.3
180	68.10	68.10	68.10	68.10	68.10	68.10	68.10	68.10	170-180	6.603	995.1	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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	231	319
80	170	236
75	160	234
70	162	249
65	168	263
60	190	288
55	464	343
50	3364	1416
45	10525	6108

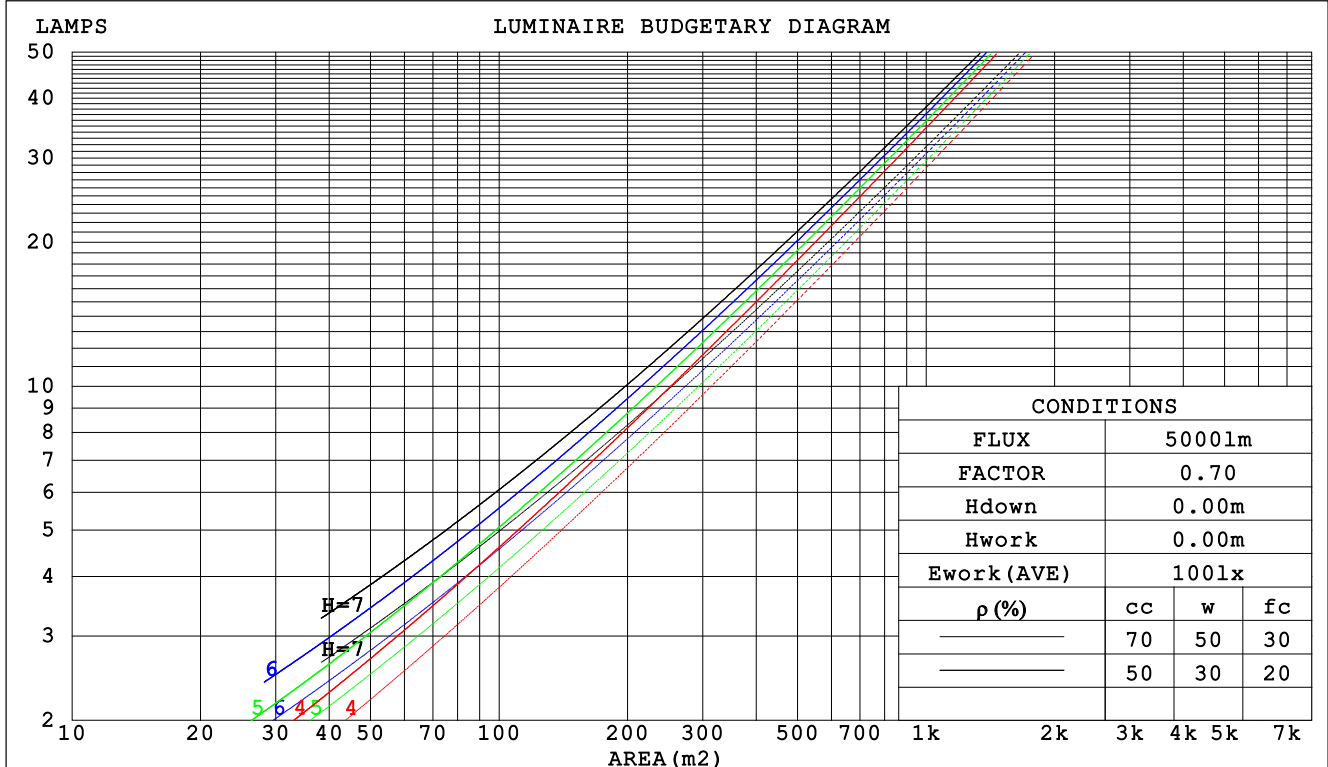
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.84	.84	.84	.75	.75	.75	.70
1.0	1.02	.99	.96	.97	.94	.92	.87	.85	.84	.78	.77	.76	.70	.69	.69	.65
2.0	.93	.88	.84	.88	.84	.81	.80	.77	.74	.73	.70	.68	.66	.64	.63	.59
3.0	.84	.79	.74	.81	.76	.71	.74	.70	.67	.67	.64	.62	.61	.59	.57	.54
4.0	.77	.71	.66	.74	.68	.64	.68	.63	.60	.62	.59	.56	.57	.55	.52	.50
5.0	.71	.64	.59	.68	.62	.57	.63	.58	.54	.58	.54	.51	.53	.50	.48	.46
6.0	.65	.58	.53	.63	.56	.52	.58	.53	.49	.54	.50	.47	.50	.47	.44	.42
7.0	.60	.53	.48	.58	.52	.47	.54	.49	.45	.50	.46	.43	.46	.43	.41	.39
8.0	.56	.49	.44	.54	.47	.43	.50	.45	.41	.47	.42	.39	.43	.40	.37	.36
9.0	.52	.45	.40	.50	.44	.40	.47	.42	.38	.44	.39	.36	.41	.37	.35	.33
10.0	.48	.42	.37	.46	.41	.37	.44	.39	.35	.41	.37	.34	.38	.35	.32	.31



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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm					
NAME: 1FT			TYPE:3000K 2.8		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	.212	.121	.038	.196	.112	.036	.167	.096	.031	.139	.080	.026	.114	.066	.021		
2.0	.202	.111	.034	.188	.103	.032	.161	.090	.028	.137	.077	.024	.114	.064	.020		
3.0	.191	.102	.030	.178	.095	.029	.154	.084	.025	.132	.072	.022	.111	.062	.019		
4.0	.181	.094	.028	.169	.089	.026	.147	.078	.023	.127	.068	.021	.108	.059	.018		
5.0	.171	.087	.025	.161	.082	.024	.141	.073	.022	.122	.064	.019	.105	.056	.017		
6.0	.162	.081	.023	.153	.077	.022	.134	.069	.020	.117	.061	.018	.101	.053	.016		
7.0	.154	.076	.022	.145	.072	.021	.128	.065	.019	.112	.058	.017	.098	.051	.015		
8.0	.146	.072	.020	.138	.068	.019	.123	.061	.017	.108	.055	.016	.094	.048	.014		
9.0	.139	.067	.019	.132	.064	.018	.117	.058	.016	.103	.052	.015	.091	.046	.013		
10.0	.133	.064	.018	.126	.061	.017	.112	.055	.015	.099	.049	.014	.087	.044	.013		

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	.418	.418	.418	.357	.357	.357	.244	.244	.244	.140	.140	.140	.045	.045	.045	
1.0	.403	.386	.371	.345	.332	.320	.236	.228	.221	.136	.132	.129	.043	.042	.042	
2.0	.391	.363	.340	.335	.313	.294	.230	.216	.205	.132	.126	.120	.042	.041	.039	
3.0	.381	.346	.317	.327	.298	.275	.224	.207	.193	.130	.121	.114	.042	.039	.037	
4.0	.373	.333	.302	.320	.287	.262	.220	.200	.184	.127	.117	.109	.041	.038	.036	
5.0	.366	.322	.290	.314	.279	.252	.216	.195	.178	.125	.114	.106	.040	.037	.035	
6.0	.359	.314	.281	.309	.272	.245	.213	.190	.173	.124	.112	.103	.040	.037	.034	
7.0	.354	.307	.274	.304	.266	.239	.210	.187	.169	.122	.110	.101	.039	.036	.033	
8.0	.348	.302	.269	.300	.262	.235	.208	.184	.167	.121	.108	.099	.039	.036	.033	
9.0	.344	.297	.265	.296	.258	.231	.205	.181	.164	.119	.107	.098	.039	.035	.032	
10.0	.339	.293	.262	.292	.254	.229	.203	.179	.162	.118	.106	.097	.038	.035	.032	

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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm											
NAME: 1FT					TYPE:3000K 2.8			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	2H	16.4	17.3	17.0	17.9	18.6	15.2	16.1	15.8	16.7	17.3
	3H	16.1	16.9	16.8	17.5	18.3	14.9	15.7	15.6	16.3	17.1
	4H	16.0	16.7	16.6	17.4	18.1	14.8	15.5	15.4	16.2	16.9
	6H	15.8	16.5	16.5	17.2	18.0	14.6	15.3	15.3	16.0	16.8
	8H	15.7	16.4	16.5	17.1	17.9	14.5	15.2	15.3	15.9	16.7
	12H	15.7	16.3	16.4	17.0	17.8	14.5	15.1	15.2	15.8	16.6
4H	2H	16.0	16.7	16.7	17.4	18.1	14.8	15.5	15.4	16.2	16.9
	3H	15.7	16.3	16.4	17.0	17.8	14.5	15.1	15.2	15.8	16.6
	4H	15.5	16.1	16.3	16.8	17.7	14.3	14.9	15.1	15.6	16.5
	6H	15.4	15.9	16.2	16.6	17.5	14.2	14.7	15.0	15.4	16.3
	8H	15.3	15.7	16.1	16.5	17.4	14.1	14.5	14.9	15.3	16.2
	12H	15.2	15.6	16.0	16.4	17.4	14.0	14.4	14.8	15.2	16.2
8H	4H	15.3	15.7	16.1	16.5	17.4	14.1	14.5	14.9	15.3	16.2
	6H	15.1	15.5	16.0	16.3	17.3	13.9	14.3	14.8	15.1	16.1
	8H	15.0	15.4	15.9	16.2	17.2	13.9	14.2	14.7	15.0	16.0
	12H	15.0	15.2	15.8	16.1	17.1	13.8	14.0	14.6	14.9	15.9
12H	4H	15.2	15.6	16.0	16.4	17.4	14.0	14.4	14.8	15.2	16.2
	6H	15.0	15.4	15.9	16.2	17.2	13.9	14.2	14.7	15.0	16.0
	8H	15.0	15.2	15.8	16.1	17.1	13.8	14.0	14.6	14.9	15.9
Variations with the observer position at spacings:											
S = 1.0H	+ 2.8 / -19.4					+ 3.1 / -17.2					
1.5H	+ 4.0 / -12.2					+ 4.1 / -14.5					
2.0H	+ 7.1 / -15.7					+ 6.6 / -11.2					

CIE Pub.117 Corrected 995.1 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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

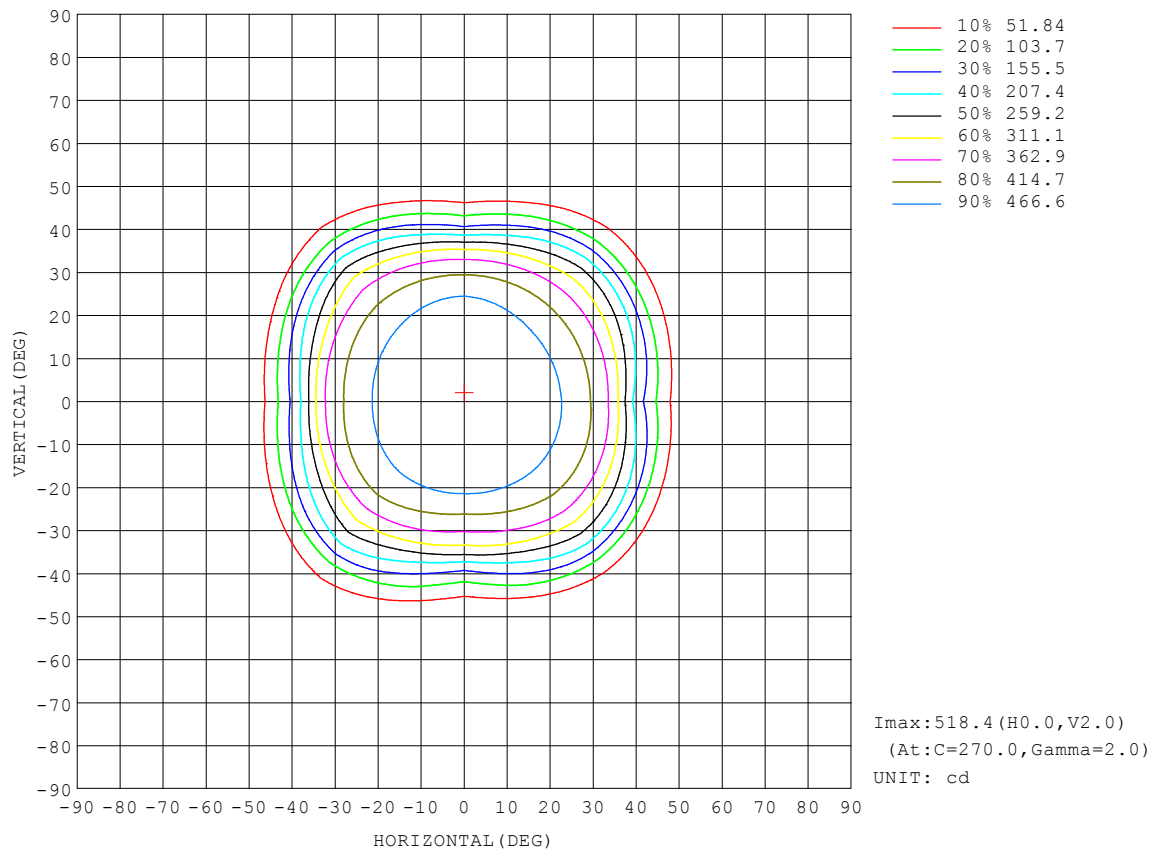
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	66	58	53	65	57	53	62	56	52	46
0.80	75	67	62	73	65	61	69	63	59	52
1.00	81	73	68	78	71	67	74	69	64	56
1.25	86	79	74	83	77	72	78	73	69	60
1.50	90	83	78	87	81	76	81	76	72	62
2.00	95	88	84	91	85	81	84	80	76	64
2.50	97	92	87	93	88	84	85	82	79	65
3.00	100	95	90	95	91	87	87	84	81	66
4.00	103	98	95	98	94	91	89	86	84	67
5.00	105	101	98	99	96	94	90	88	86	68
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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

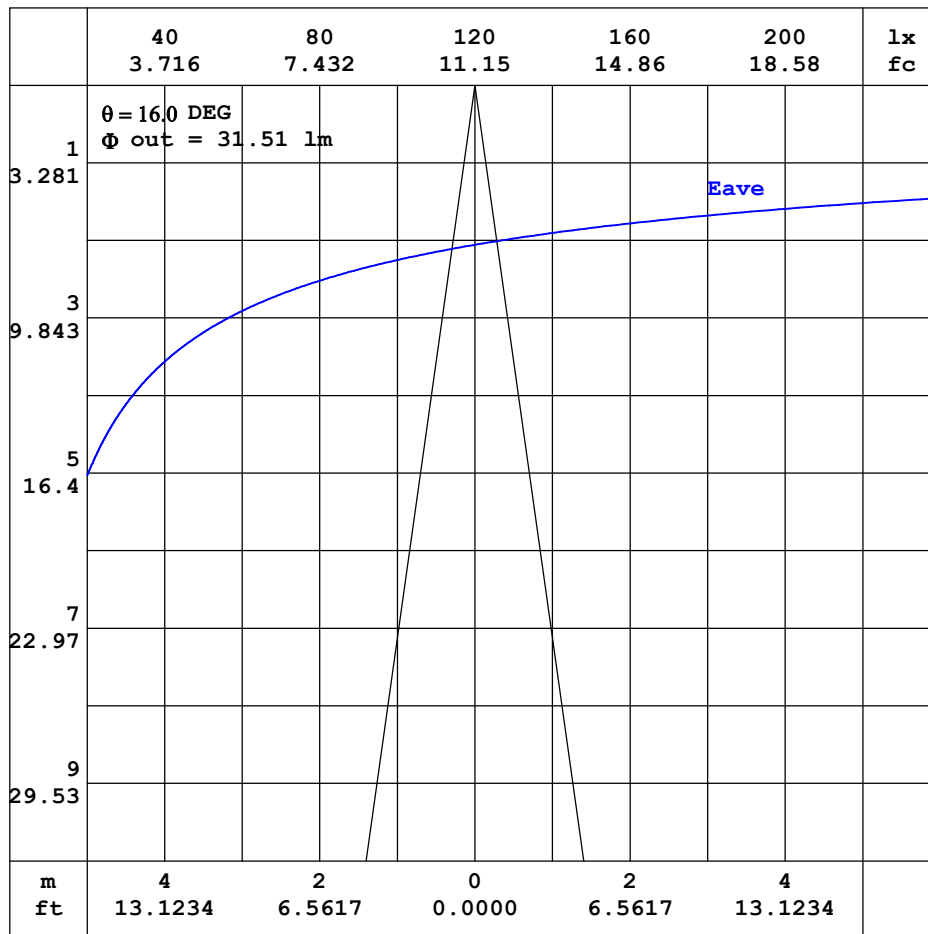


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



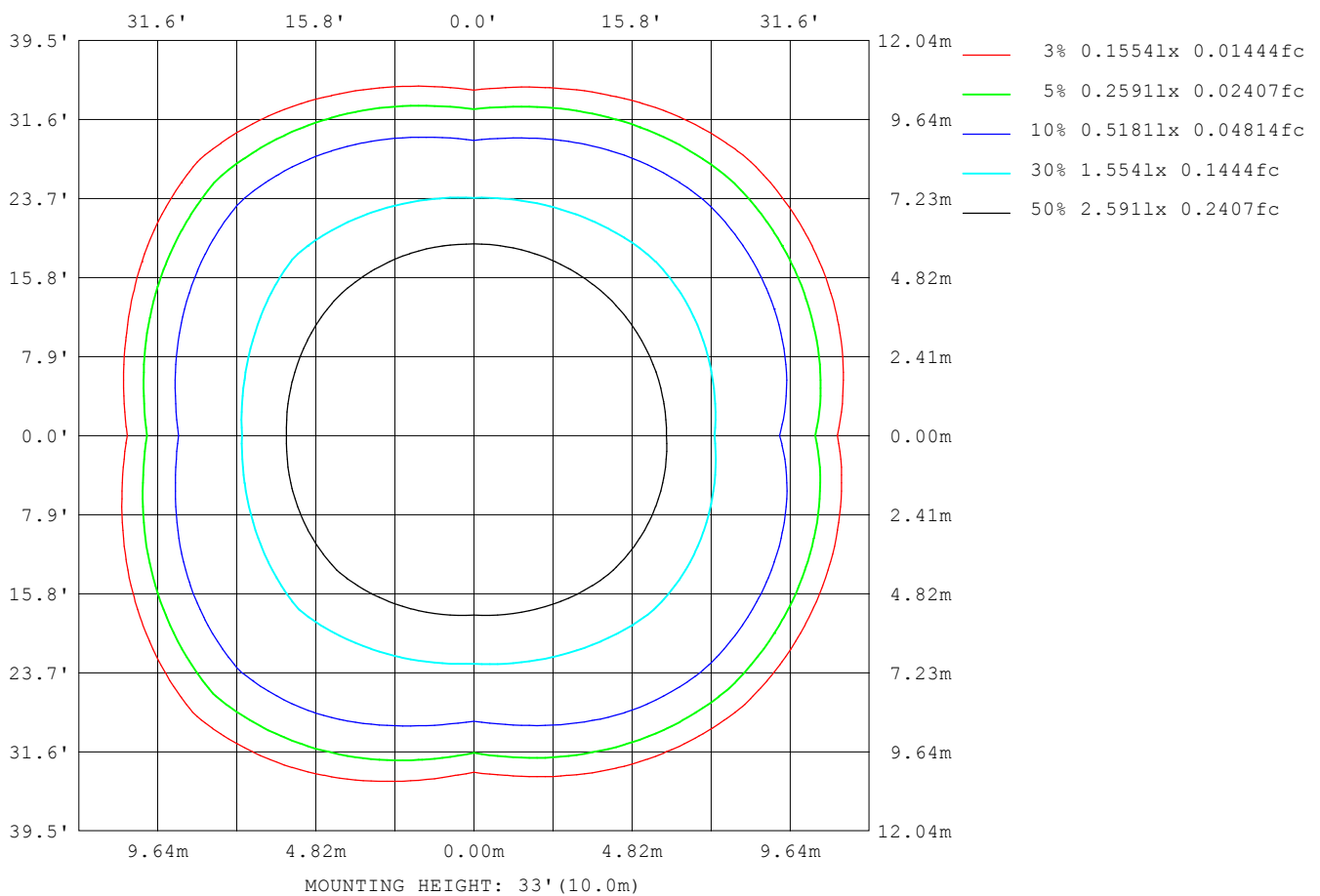
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

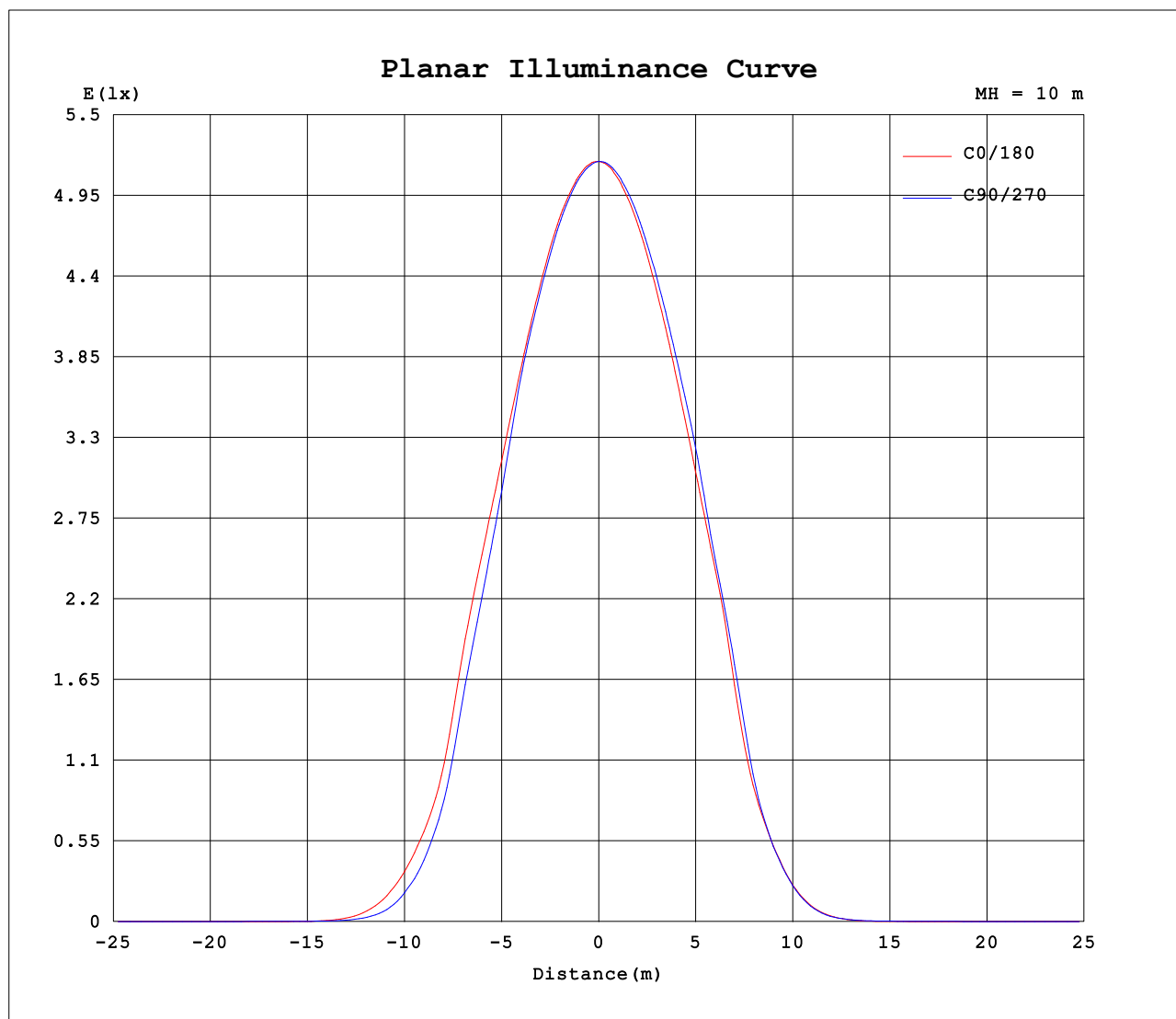
AvgL	cd/m2
L_0~180 (65) av	163
L_0~180 (75) av	149
L_0~180 (85) av	213
L_90~270 (65) av	276
L_90~270 (75) av	262
L_90~270 (85) av	376
L_45 (65) av	230
L_45 (75) av	225
L_45 (85) av	387

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:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518
5	517	517	517	516	516	516	516	516	516	516	516	516	515	515	515	515	515	515	515
10	511	511	511	511	510	510	510	510	510	509	509	509	509	509	508	508	508	508	508
15	500	500	500	500	499	499	499	499	498	498	498	497	497	496	496	496	495	495	495
20	481	481	481	481	481	481	481	480	480	480	479	479	478	477	477	476	476	475	475
25	451	452	453	454	454	454	454	453	452	451	449	446	443	441	438	435	433	431	429
30	408	411	413	415	415	416	415	414	413	411	406	400	395	389	383	378	374	369	366
35	333	339	344	347	350	352	352	352	350	347	340	331	322	313	305	296	288	282	276
40	188	206	221	234	244	252	258	261	262	261	249	236	221	206	191	176	162	151	141
45	96.7	109	120	129	137	142	146	148	149	147	138	127	116	104	92.7	81.6	71.5	62.9	56.1
50	28.1	32.9	37.1	40.6	43.4	45.5	47.0	47.8	47.9	47.3	43.5	39.2	34.6	29.9	25.3	21.0	17.2	14.1	11.8
55	3.46	5.59	7.46	9.07	10.4	11.5	12.4	13.0	13.3	13.4	12.3	11.0	9.60	8.15	6.72	5.37	4.19	3.22	2.56
60	1.23	1.62	1.96	2.26	2.52	2.74	2.92	3.06	3.15	3.21	3.08	2.93	2.75	2.57	2.38	2.21	2.06	1.94	1.87
65	0.92	0.95	0.97	0.99	1.02	1.04	1.07	1.10	1.12	1.15	1.19	1.22	1.26	1.30	1.33	1.36	1.39	1.42	1.45
70	0.72	0.74	0.76	0.77	0.79	0.81	0.83	0.85	0.87	0.90	0.92	0.95	0.97	1.00	1.02	1.05	1.07	1.09	1.11
75	0.54	0.56	0.57	0.59	0.61	0.63	0.64	0.66	0.67	0.69	0.70	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79
80	0.38	0.41	0.43	0.45	0.46	0.48	0.49	0.51	0.52	0.53	0.53	0.54	0.54	0.54	0.54	0.54	0.53	0.53	0.53
85	0.26	0.29	0.32	0.34	0.36	0.38	0.39	0.40	0.41	0.42	0.42	0.41	0.41	0.40	0.39	0.38	0.37	0.37	0.36
90	2.05	1.81	1.59	1.39	1.19	1.02	0.85	0.70	0.57	0.44	0.34	0.30	0.25	0.20	0.16	0.11	0.07	0.03	0.00
95	10.9	11.1	11.3	11.3	11.3	11.2	11.0	10.6	10.2	9.76	8.67	7.53	6.37	5.24	4.17	3.19	2.36	1.69	1.24
100	28.9	29.0	28.9	28.6	28.2	27.7	26.9	26.0	24.9	23.7	21.3	18.8	16.3	13.9	11.5	9.41	7.54	6.01	4.89
105	45.4	44.3	43.1	41.8	40.4	38.9	37.3	35.6	33.7	31.8	28.8	25.7	22.7	19.8	17.0	14.6	12.5	10.8	9.54
110	54.1	53.1	51.9	50.6	49.2	47.6	45.9	44.1	42.1	40.0	36.5	33.1	29.6	26.3	23.2	20.4	17.9	15.9	14.5
115	62.9	62.0	61.0	59.8	58.4	56.8	55.0	53.0	50.9	48.6	44.8	40.9	37.0	33.2	29.6	26.4	23.5	21.2	19.5
120	71.6	70.7	69.6	68.4	66.9	65.2	63.3	61.1	58.8	56.3	52.2	47.9	43.7	39.6	35.7	32.1	29.1	26.5	24.6
125	79.7	78.8	77.7	76.4	74.8	73.0	71.0	68.8	66.4	63.7	59.3	54.8	50.3	45.9	41.8	38.0	34.6	31.9	29.8
130	87.2	86.1	84.8	83.2	81.5	79.5	77.3	75.0	72.4	69.6	65.1	60.5	55.9	51.4	47.2	43.4	40.0	37.2	35.1
135	93.2	91.7	90.0	88.2	86.1	83.9	81.6	79.1	76.4	73.5	69.1	64.6	60.2	55.9	51.9	48.2	45.0	42.3	40.3
140	96.6	94.7	92.7	90.6	88.4	86.1	83.6	81.1	78.4	75.6	71.5	67.4	63.4	59.5	55.9	52.5	49.6	47.2	45.4
145	96.2	94.3	92.3	90.3	88.2	85.9	83.7	81.3	78.9	76.4	72.8	69.2	65.8	62.4	59.3	56.4	53.9	51.8	50.3
150	92.6	91.0	89.3	87.6	85.9	84.0	82.1	80.2	78.2	76.1	73.2	70.3	67.5	64.7	62.2	59.8	57.8	56.1	54.8
155	87.5	86.3	85.1	83.8	82.5	81.1	79.7	78.3	76.7	75.2	73.0	70.8	68.6	66.5	64.6	62.8	61.2	59.9	58.8
160	82.1	81.3	80.5	79.7	78.8	77.9	76.9	75.9	74.9	73.8	72.3	70.8	69.2	67.8	66.4	65.1	64.0	63.0	62.3
165	76.9	76.6	76.2	75.7	75.3	74.7	74.2	73.6	73.0	72.4	71.4	70.5	69.5	68.6	67.7	66.9	66.2	65.6	65.1
170	72.8	72.7	72.6	72.4	72.2	72.0	71.8	71.6	71.3	71.0	70.5	70.0	69.5	69.1	68.6	68.2	67.8	67.4	67.1
175	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.0	70.0	69.9	69.7	69.6	69.4	69.2	69.0	68.8	68.7	68.5	68.4
180	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0760A P:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518
5	515	515	515	515	515	515	515	515	515	515	515	515	515	515	515	515	515	515	515
10	508	508	508	508	508	508	508	508	508	508	508	508	508	508	507	507	507	507	507
15	495	495	495	495	496	496	496	496	496	496	496	496	495	495	495	495	495	495	495
20	475	475	475	476	476	476	477	477	477	477	477	476	476	475	475	475	474	474	475
25	431	433	435	437	440	443	445	447	450	449	449	448	447	446	444	443	442	442	442
30	369	373	377	382	387	393	398	403	407	407	406	404	402	400	398	396	394	393	394
35	280	286	293	300	307	315	322	329	335	331	327	322	317	311	306	301	296	293	299
40	150	162	175	189	204	218	232	245	255	248	239	228	216	204	192	181	172	164	173
45	64.8	75.4	87.3	100.0	113	126	138	148	157	151	142	132	121	110	98.6	88.1	78.7	70.9	77.9
50	16.6	22.2	28.3	34.7	41.2	47.5	53.3	58.5	62.6	58.8	54.0	48.6	42.6	36.5	30.5	24.8	19.7	15.3	18.7
55	4.40	6.52	8.81	11.2	13.6	15.8	17.9	19.7	21.2	19.5	17.5	15.3	12.8	10.4	7.94	5.67	3.65	1.99	3.50
60	2.19	2.56	2.94	3.34	3.72	4.09	4.42	4.69	4.90	4.55	4.15	3.69	3.22	2.74	2.28	1.86	1.49	1.21	1.56
65	1.47	1.49	1.50	1.51	1.51	1.50	1.50	1.48	1.46	1.39	1.32	1.25	1.17	1.10	1.03	0.97	0.91	0.87	0.88
70	1.12	1.14	1.15	1.15	1.16	1.15	1.15	1.13	1.12	1.06	1.01	0.95	0.89	0.83	0.78	0.73	0.68	0.65	0.67
75	0.80	0.81	0.83	0.83	0.84	0.84	0.84	0.84	0.83	0.79	0.75	0.70	0.66	0.61	0.57	0.53	0.49	0.47	0.48
80	0.55	0.56	0.57	0.59	0.60	0.61	0.61	0.62	0.62	0.59	0.55	0.52	0.48	0.45	0.41	0.38	0.35	0.33	0.34
85	0.38	0.39	0.41	0.42	0.44	0.45	0.46	0.47	0.47	0.45	0.42	0.39	0.36	0.33	0.29	0.27	0.24	0.22	0.23
90	0.13	0.27	0.43	0.59	0.76	0.92	1.07	1.21	1.33	1.27	1.19	1.10	1.01	0.92	0.84	0.78	0.75	0.75	1.05
95	2.20	3.36	4.67	6.08	7.56	9.03	10.5	11.8	13.0	12.9	12.7	12.3	11.9	11.4	10.9	10.4	9.96	9.61	10.4
100	6.29	8.08	10.2	12.6	15.1	17.7	20.3	22.9	25.3	26.0	26.6	26.9	27.1	27.2	27.2	27.1	26.9	26.7	27.3
105	10.9	12.8	15.1	17.7	20.5	23.5	26.6	29.7	32.7	34.7	36.4	38.0	39.5	40.7	41.7	42.6	43.2	43.6	43.6
110	16.1	18.2	20.7	23.7	26.9	30.3	33.8	37.2	40.6	42.7	44.6	46.3	47.8	49.1	50.2	51.1	51.7	52.1	52.1
115	21.3	23.6	26.5	29.7	33.3	37.1	40.9	44.8	48.5	50.8	52.8	54.6	56.2	57.5	58.6	59.5	60.1	60.4	60.5
120	26.4	28.9	31.9	35.4	39.2	43.3	47.4	51.5	55.6	58.1	60.3	62.4	64.2	65.7	67.0	68.0	68.7	69.1	69.1
125	31.6	34.1	37.2	40.7	44.6	48.8	53.1	57.4	61.6	64.4	66.9	69.2	71.3	73.1	74.5	75.7	76.6	77.1	76.9
130	36.7	39.1	42.0	45.4	49.2	53.3	57.5	61.8	66.0	69.1	71.9	74.6	76.9	79.0	80.8	82.3	83.4	84.1	83.6
135	41.7	43.8	46.4	49.5	53.0	56.7	60.7	64.7	68.8	72.0	75.2	78.1	80.8	83.2	85.3	87.0	88.4	89.2	88.5
140	46.5	48.2	50.5	53.1	56.2	59.5	63.0	66.6	70.3	73.5	76.7	79.7	82.5	85.1	87.3	89.2	90.7	91.6	90.7
145	51.1	52.5	54.3	56.5	58.9	61.7	64.6	67.7	70.8	73.7	76.6	79.4	82.0	84.4	86.5	88.3	89.7	90.6	89.6
150	55.4	56.4	57.8	59.4	61.4	63.5	65.8	68.2	70.7	73.1	75.4	77.7	79.8	81.8	83.5	85.0	86.2	86.9	86.1
155	59.2	59.9	60.9	62.1	63.5	65.0	66.7	68.4	70.2	72.0	73.7	75.4	77.0	78.4	79.7	80.8	81.7	82.2	81.6
160	62.5	62.9	63.5	64.3	65.2	66.2	67.3	68.4	69.6	70.8	71.9	73.0	74.1	75.0	75.9	76.6	77.1	77.5	77.1
165	65.1	65.4	65.7	66.1	66.6	67.1	67.8	68.4	69.1	69.7	70.4	71.0	71.6	72.1	72.6	73.0	73.3	73.5	73.2
170	67.1	67.2	67.3	67.5	67.7	67.9	68.2	68.5	68.7	69.0	69.3	69.5	69.8	70.0	70.2	70.4	70.5	70.6	70.4
175	68.4	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0
180	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0760A P:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm		
NAME: 1FT	TYPE:3000K 2.8	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	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518
5	515	515	515	516	516	516	516	516	517	517	517	517	517	517	517	517	517	517	517
10	508	508	508	508	509	509	509	510	510	511	511	511	512	512	512	512	513	512	512
15	495	495	496	496	497	497	498	498	499	500	500	501	502	502	503	503	504	503	503
20	475	475	476	477	478	478	479	480	481	482	483	484	485	486	487	487	488	487	486
25	443	444	445	447	448	450	451	453	455	456	458	459	460	461	462	463	463	462	461
30	396	399	401	403	406	408	411	413	413	412	412	411	410	409	408	407	406	406	406
35	305	313	320	328	336	343	350	356	354	350	346	342	337	332	327	323	319	321	324
40	185	197	211	225	238	251	262	271	262	252	240	227	214	201	189	178	169	177	186
45	86.5	96.3	107	118	128	138	147	154	146	138	128	117	106	95.6	85.6	76.8	69.5	75.8	83.7
50	22.9	27.7	32.9	38.2	43.5	48.4	52.8	56.4	52.7	48.3	43.3	38.0	32.5	27.2	22.3	17.9	14.3	17.6	21.8
55	5.37	7.51	9.81	12.2	14.5	16.7	18.6	20.2	18.8	17.1	15.1	13.0	10.8	8.58	6.51	4.64	3.08	4.27	5.77
60	2.00	2.49	3.01	3.55	4.07	4.57	5.01	5.39	5.15	4.84	4.47	4.06	3.63	3.19	2.76	2.36	2.01	2.13	2.30
65	0.91	0.95	1.00	1.05	1.10	1.16	1.22	1.28	1.33	1.38	1.43	1.47	1.50	1.53	1.56	1.57	1.58	1.55	1.52
70	0.69	0.73	0.77	0.81	0.86	0.91	0.96	1.02	1.06	1.10	1.13	1.16	1.19	1.22	1.24	1.25	1.26	1.24	1.21
75	0.51	0.54	0.57	0.61	0.65	0.69	0.74	0.78	0.82	0.85	0.88	0.90	0.92	0.94	0.96	0.97	0.98	0.96	0.94
80	0.36	0.39	0.42	0.45	0.49	0.52	0.56	0.59	0.62	0.64	0.66	0.67	0.69	0.70	0.71	0.71	0.71	0.71	0.70
85	0.25	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.46	0.47	0.48	0.48	0.49	0.49	0.49	0.49	0.49	0.49	0.48
90	1.37	1.72	2.06	2.39	2.70	2.97	3.19	3.36	3.08	2.74	2.35	1.94	1.52	1.10	0.69	0.32	0.00	0.06	0.18
95	11.4	12.3	13.2	14.1	14.9	15.6	16.1	16.3	14.8	13.1	11.2	9.26	7.33	5.46	3.73	2.20	0.94	1.69	2.71
100	27.9	28.3	28.7	29.0	29.1	29.0	28.6	28.0	25.4	22.7	19.8	16.8	14.0	11.3	8.88	6.82	5.19	6.47	8.20
105	43.4	43.0	42.3	41.4	40.3	38.9	37.4	35.6	32.4	29.1	25.8	22.5	19.3	16.4	13.8	11.7	10.1	11.4	13.2
110	51.9	51.5	50.8	49.9	48.7	47.3	45.6	43.7	40.2	36.5	32.8	29.1	25.6	22.4	19.5	17.1	15.3	16.9	19.0
115	60.3	59.8	59.1	58.1	56.8	55.3	53.5	51.5	47.6	43.6	39.6	35.6	31.8	28.3	25.2	22.6	20.7	22.4	24.7
120	68.7	68.0	67.1	65.9	64.4	62.6	60.5	58.2	54.1	49.8	45.6	41.4	37.4	33.7	30.5	27.8	25.8	27.7	30.2
125	76.3	75.4	74.1	72.6	70.7	68.6	66.3	63.6	59.4	55.1	50.7	46.4	42.4	38.8	35.5	32.9	31.0	32.9	35.5
130	82.6	81.4	79.7	77.8	75.5	73.0	70.3	67.3	63.2	58.9	54.7	50.7	46.9	43.4	40.4	38.0	36.3	38.1	40.7
135	87.2	85.5	83.5	81.2	78.6	75.7	72.7	69.5	65.5	61.6	57.7	54.0	50.6	47.5	44.9	42.8	41.4	43.1	45.4
140	89.2	87.3	85.1	82.6	79.8	76.8	73.6	70.4	66.9	63.4	60.0	56.8	53.8	51.2	49.0	47.3	46.2	47.7	49.7
145	88.2	86.3	84.2	81.8	79.1	76.3	73.4	70.5	67.5	64.6	61.8	59.2	56.8	54.8	53.0	51.7	50.9	52.1	53.8
150	84.8	83.3	81.5	79.4	77.2	74.9	72.5	70.1	67.8	65.5	63.4	61.4	59.6	58.1	56.8	55.9	55.3	56.3	57.7
155	80.6	79.4	78.0	76.5	74.9	73.1	71.3	69.5	67.9	66.3	64.7	63.3	62.1	61.0	60.1	59.5	59.1	59.9	60.9
160	76.4	75.6	74.7	73.7	72.6	71.4	70.2	69.0	67.9	66.9	65.9	65.0	64.2	63.6	63.0	62.7	62.5	63.0	63.7
165	72.8	72.4	71.8	71.3	70.6	70.0	69.3	68.6	68.0	67.5	67.0	66.5	66.1	65.8	65.5	65.3	65.3	65.6	66.1
170	70.3	70.1	69.8	69.6	69.3	69.0	68.8	68.5	68.3	68.1	67.9	67.7	67.6	67.4	67.4	67.3	67.3	67.5	67.7
175	68.9	68.9	68.9	68.8	68.8	68.7	68.7	68.6	68.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
180	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:0.0760A P:9.060W PF:0.9900 Freq:60.00Hz Lamp Flux:995.055x1 lm																	
NAME: 1FT									TYPE:3000K 2.8						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	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518				
5	517	517	516	516	516	516	516	516	516	516	516	516	516	517	517				
10	512	511	511	511	510	510	510	510	510	510	510	510	510	510	511				
15	502	501	501	500	499	499	498	498	498	498	498	498	498	499	499				
20	486	485	484	483	482	481	480	479	479	479	479	479	479	480	480				
25	460	458	457	455	453	452	450	450	449	449	449	449	449	450	450				
30	406	407	407	407	408	408	408	408	409	409	409	409	409	409	409				
35	327	331	334	338	342	346	349	349	349	349	347	346	343	341	337				
40	198	210	222	234	246	257	265	265	263	259	253	244	233	220	205				
45	92.9	103	113	124	133	142	150	151	150	147	143	137	130	120	109				
50	26.6	31.8	37.2	42.6	47.7	52.4	56.4	56.8	56.2	54.8	52.6	49.4	45.4	40.5	34.7				
55	7.49	9.35	11.3	13.2	15.0	16.6	17.9	17.7	17.2	16.3	15.1	13.5	11.5	9.19	6.50				
60	2.51	2.74	2.99	3.23	3.46	3.66	3.82	3.75	3.63	3.45	3.22	2.93	2.59	2.19	1.74				
65	1.47	1.43	1.37	1.32	1.26	1.21	1.15	1.12	1.09	1.05	1.03	1.00	0.98	0.96	0.94				
70	1.18	1.15	1.11	1.07	1.02	0.98	0.94	0.91	0.88	0.85	0.83	0.80	0.78	0.76	0.74				
75	0.92	0.89	0.87	0.83	0.80	0.77	0.74	0.71	0.69	0.67	0.64	0.62	0.60	0.58	0.56				
80	0.68	0.67	0.65	0.63	0.61	0.59	0.56	0.55	0.53	0.51	0.49	0.47	0.45	0.43	0.40				
85	0.48	0.47	0.46	0.45	0.44	0.43	0.41	0.40	0.39	0.37	0.36	0.34	0.32	0.30	0.28				
90	0.34	0.54	0.76	1.00	1.25	1.50	1.75	1.85	1.94	2.01	2.06	2.09	2.11	2.11	2.09				
95	3.96	5.38	6.90	8.48	10.1	11.6	13.0	13.4	13.7	13.8	13.8	13.5	13.1	12.6	11.8				
100	10.3	12.7	15.3	18.0	20.7	23.4	25.9	27.1	28.1	28.9	29.4	29.8	29.9	29.8	29.4				
105	15.5	18.1	21.0	24.1	27.3	30.5	33.7	35.6	37.3	38.9	40.4	41.7	42.8	43.8	44.7				
110	21.6	24.5	27.8	31.3	34.9	38.5	42.0	44.1	46.0	47.7	49.2	50.5	51.7	52.7	53.5				
115	27.6	30.9	34.6	38.4	42.4	46.3	50.2	52.4	54.5	56.3	57.9	59.3	60.5	61.5	62.3				
120	33.3	36.8	40.7	44.9	49.1	53.3	57.5	59.9	62.1	64.1	65.9	67.5	68.9	70.0	70.9				
125	38.7	42.4	46.5	50.8	55.2	59.6	63.9	66.5	68.9	71.1	73.1	74.8	76.4	77.7	78.8				
130	43.8	47.4	51.4	55.6	59.9	64.3	68.7	71.4	74.0	76.4	78.6	80.7	82.6	84.3	85.8				
135	48.3	51.6	55.3	59.2	63.3	67.5	71.6	74.5	77.2	79.8	82.3	84.7	87.0	89.2	91.3				
140	52.2	55.1	58.4	61.9	65.6	69.4	73.2	76.0	78.7	81.4	84.1	86.7	89.2	91.7	94.2				
145	55.9	58.4	61.1	64.1	67.2	70.5	73.8	76.3	78.8	81.3	83.8	86.3	88.8	91.3	93.7				
150	59.3	61.3	63.5	65.8	68.3	70.9	73.6	75.6	77.7	79.8	81.9	84.0	86.2	88.3	90.4				
155	62.2	63.6	65.3	67.1	68.9	70.9	72.9	74.5	76.1	77.7	79.3	80.9	82.5	84.2	85.8				
160	64.6	65.6	66.7	67.9	69.2	70.6	71.9	73.0	74.1	75.2	76.4	77.5	78.6	79.8	80.9				
165	66.6	67.2	67.9	68.6	69.3	70.1	70.9	71.6	72.2	72.9	73.6	74.2	74.9	75.6	76.3				
170	68.0	68.3	68.6	68.9	69.3	69.6	70.0	70.3	70.6	70.9	71.2	71.5	71.8	72.2	72.5				
175	68.7	68.8	68.9	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0				
180	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1				

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: