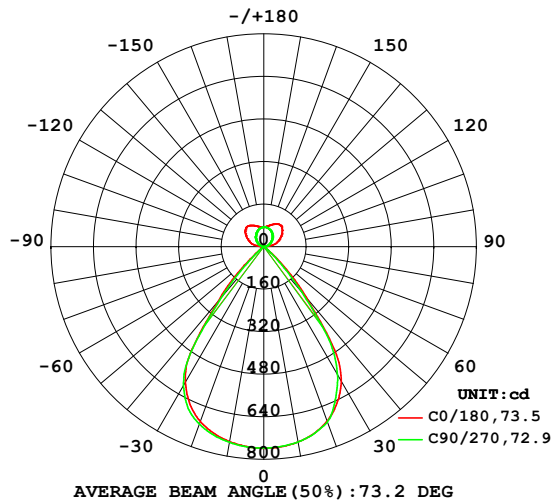


LUMINAIRE PHOTOMETRIC TEST REPORT

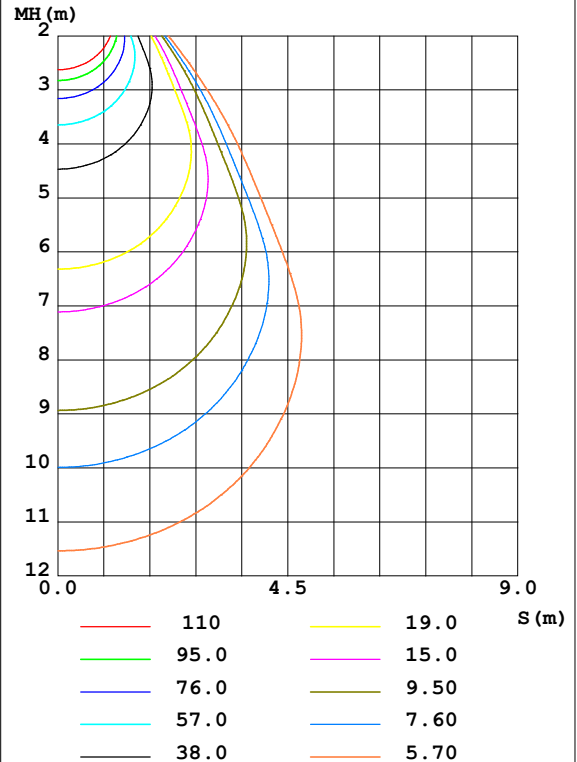
Test:U:119.3V I:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.20 lm/W			
MODEL		I _{max} (cd)	758.7	S/MH (C0/180)	1.05
NOMINAL POWER(W)	12W	LOR(%)	100.0	S/MH (C90/270)	1.07
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1355.4	η UP,DN (C0-180)	12.1,38.3
NOMINAL FLUX(lm)	1355.43	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	11.7,37.9
LAMPS INSIDE	1	η up (%)	23.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down (%)	76.2	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:

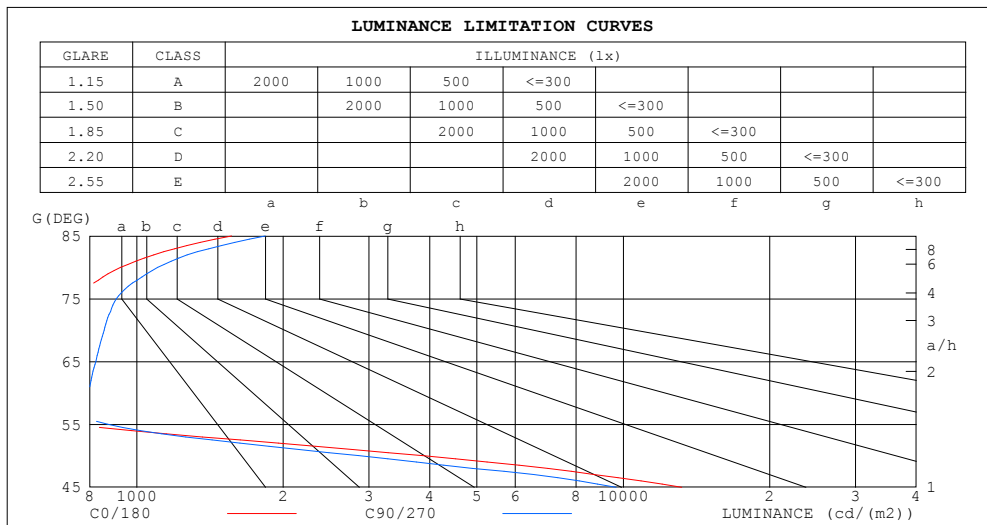
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	746.0	745.4	745.7	746.4	744.3	745.5	747.1	742.1	0- 10	71.73	71.73	5.29,5.29
20	698.0	702.0	701.1	706.5	699.4	702.3	709.9	692.2	10- 20	205.3	277.1	20.4,20.4
30	583.4	589.7	555.4	612.0	589.6	607.2	604.0	580.5	20- 30	300.8	577.9	42.6,42.6
40	249.6	370.9	220.9	406.4	265.4	412.0	242.5	359.7	30- 40	291.5	869.4	64.1,64.1
50	32.30	76.27	23.89	105.5	32.26	85.57	16.43	73.25	40- 50	133.7	1003	74,74
60	4.021	8.809	5.172	15.62	2.837	8.398	3.045	5.086	50- 60	20.24	1023	75.5,75.5
70	3.070	3.791	3.809	5.504	2.084	2.616	2.404	2.272	60- 70	4.093	1028	75.8,75.8
80	2.091	2.472	2.493	3.128	1.608	3.794	1.968	7.602	70- 80	2.990	1031	76,76
90	3.076	2.895	1.465	5.785	2.593	3.694	1.206	1.504	80- 90	2.334	1033	76.2,76.2
100	29.10	27.78	7.811	30.84	32.47	29.56	5.541	25.34	90-100	13.17	1046	77.2,77.2
110	57.01	44.84	18.26	47.28	57.31	46.23	15.81	42.58	100-110	34.70	1081	79.7,79.7
120	75.57	62.19	29.19	62.96	75.75	62.41	27.04	59.40	110-120	48.51	1129	83.3,83.3
130	92.11	76.13	40.43	73.54	91.36	72.22	38.66	72.60	120-130	56.84	1186	87.5,87.5
140	102.4	82.46	51.42	77.35	98.55	74.27	48.88	77.58	130-140	56.73	1243	91.7,91.7
150	98.95	82.84	60.94	77.01	92.80	73.78	58.28	78.18	140-150	48.48	1291	95.3,95.3
160	88.24	80.24	68.28	75.41	82.87	73.17	66.15	76.88	150-160	35.64	1327	97.9,97.9
170	78.45	76.90	72.82	74.18	75.80	73.11	71.76	74.95	160-170	21.41	1348	99.5,99.5
180	71.46	71.46	71.46	71.46	71.46	71.46	71.46	71.46	170-180	7.099	1355	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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



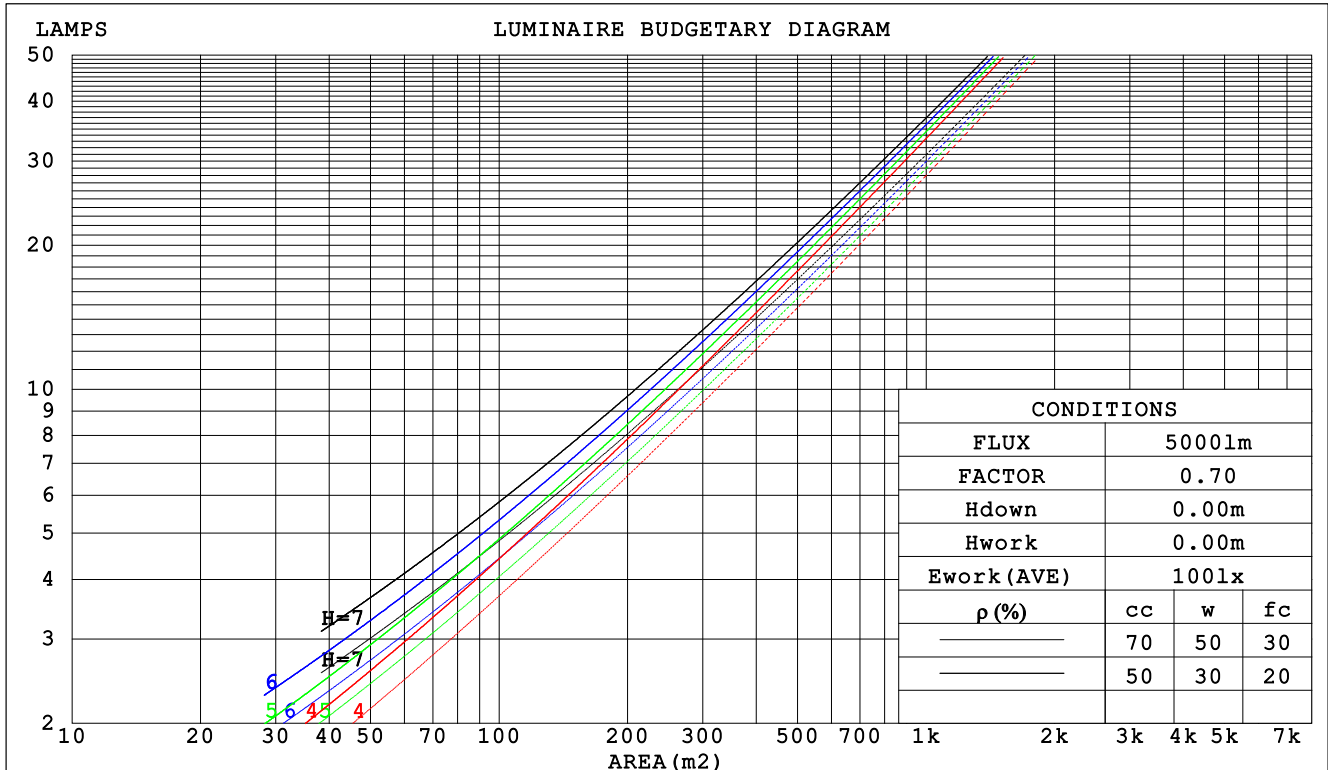
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.3V I:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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	1.13	1.13	1.13	1.08	1.08	1.08	.98	.98	.98	.89	.89	.89	.80	.80	.80	.76
1.0	1.03	1.00	.98	.99	.96	.94	.90	.88	.87	.83	.81	.80	.76	.75	.74	.70
2.0	.94	.89	.85	.90	.86	.83	.83	.80	.77	.77	.74	.72	.71	.69	.67	.64
3.0	.86	.80	.76	.83	.78	.73	.77	.73	.69	.71	.68	.65	.66	.63	.61	.59
4.0	.79	.72	.67	.76	.70	.66	.71	.66	.62	.66	.62	.59	.61	.58	.56	.54
5.0	.72	.66	.61	.70	.64	.59	.65	.60	.57	.61	.57	.54	.57	.54	.51	.49
6.0	.67	.60	.55	.65	.58	.54	.61	.55	.52	.57	.53	.49	.53	.50	.47	.45
7.0	.62	.55	.50	.60	.53	.49	.56	.51	.47	.53	.49	.45	.50	.46	.43	.41
8.0	.57	.50	.46	.55	.49	.45	.52	.47	.43	.49	.45	.42	.47	.43	.40	.38
9.0	.53	.46	.42	.52	.45	.41	.49	.43	.40	.46	.42	.38	.44	.40	.37	.35
10.0	.49	.43	.39	.48	.42	.38	.46	.40	.37	.43	.39	.36	.41	.37	.34	.33



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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm					
NAME: 1FT			TYPE:3000K 1.9		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	.211	.120	.038	.197	.112	.036	.171	.098	.031	.147	.085	.027	.124	.072	.023		
2.0	.201	.110	.034	.188	.104	.032	.165	.092	.028	.143	.080	.025	.123	.070	.022		
3.0	.190	.101	.030	.179	.096	.029	.158	.086	.026	.139	.076	.023	.121	.067	.021		
4.0	.180	.094	.028	.170	.089	.026	.151	.080	.024	.133	.072	.022	.117	.064	.019		
5.0	.171	.087	.025	.162	.083	.024	.144	.075	.022	.128	.068	.020	.113	.060	.018		
6.0	.162	.081	.023	.154	.078	.022	.138	.071	.021	.123	.064	.019	.109	.057	.017		
7.0	.154	.076	.022	.146	.073	.021	.132	.067	.019	.118	.060	.018	.105	.055	.016		
8.0	.146	.072	.020	.139	.069	.019	.126	.063	.018	.113	.057	.017	.101	.052	.015		
9.0	.140	.067	.019	.133	.065	.018	.120	.060	.017	.109	.054	.016	.097	.050	.014		
10.0	.133	.064	.018	.127	.061	.017	.115	.056	.016	.104	.052	.015	.094	.047	.014		

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	.372	.372	.372	.318	.318	.318	.217	.217	.217	.125	.125	.125	.040	.040	.040	
1.0	.356	.340	.325	.305	.292	.280	.209	.201	.193	.120	.116	.112	.038	.037	.036	
2.0	.344	.316	.293	.295	.272	.253	.202	.188	.177	.116	.110	.104	.037	.035	.034	
3.0	.334	.299	.271	.286	.258	.235	.197	.179	.165	.114	.105	.097	.037	.034	.032	
4.0	.326	.285	.254	.279	.247	.221	.192	.172	.156	.111	.101	.092	.036	.033	.030	
5.0	.318	.275	.243	.273	.238	.211	.188	.166	.149	.109	.097	.088	.035	.032	.029	
6.0	.312	.266	.234	.268	.231	.203	.185	.161	.144	.107	.095	.086	.035	.031	.028	
7.0	.306	.259	.227	.263	.225	.198	.182	.158	.140	.106	.093	.083	.034	.030	.028	
8.0	.301	.254	.222	.259	.220	.193	.179	.155	.137	.104	.091	.082	.034	.030	.027	
9.0	.296	.249	.217	.255	.216	.190	.177	.152	.135	.103	.090	.080	.033	.029	.027	
10.0	.291	.245	.214	.251	.213	.187	.174	.150	.133	.102	.089	.079	.033	.029	.026	

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm											
NAME: 1FT					TYPE:3000K 1.9			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	17.7	18.7	18.3	19.2	19.8	17.0	17.9	17.5	18.4	19.0
	3H	17.5	18.3	18.1	18.9	19.5	16.7	17.6	17.3	18.1	18.8
	4H	17.4	18.1	18.0	18.7	19.4	16.6	17.4	17.2	18.0	18.6
	6H	17.2	18.0	17.9	18.6	19.3	16.5	17.2	17.1	17.8	18.5
	8H	17.2	17.9	17.8	18.5	19.2	16.4	17.1	17.1	17.7	18.4
	12H	17.1	17.8	17.8	18.4	19.1	16.4	17.0	17.0	17.7	18.4
4H	2H	17.4	18.1	18.0	18.7	19.4	16.6	17.4	17.2	18.0	18.6
	3H	17.1	17.8	17.8	18.4	19.1	16.4	17.0	17.0	17.6	18.4
	4H	17.0	17.6	17.7	18.2	19.0	16.2	16.8	16.9	17.5	18.2
	6H	16.9	17.4	17.6	18.1	18.9	16.1	16.6	16.8	17.3	18.1
	8H	16.8	17.3	17.5	18.0	18.8	16.1	16.5	16.8	17.2	18.1
	12H	16.7	17.2	17.5	17.9	18.7	16.0	16.4	16.8	17.2	18.0
8H	4H	16.8	17.2	17.5	17.9	18.8	16.0	16.5	16.7	17.2	18.0
	6H	16.6	17.0	17.4	17.8	18.6	15.9	16.3	16.7	17.0	17.9
	8H	16.6	16.9	17.4	17.7	18.6	15.9	16.2	16.6	17.0	17.9
	12H	16.6	16.8	17.3	17.6	18.5	15.8	16.1	16.6	16.9	17.8
12H	4H	16.7	17.1	17.4	17.8	18.7	15.9	16.4	16.7	17.1	17.9
	6H	16.6	16.9	17.4	17.7	18.6	15.8	16.2	16.6	16.9	17.8
	8H	16.5	16.8	17.3	17.6	18.5	15.8	16.1	16.6	16.9	17.8
Variations with the observer position at spacings:											
S = 1.0H	+ 2.9 / -11.7					+ 2.8 / -10.6					
1.5H	+ 3.9 / -10.4					+ 3.9 / - 9.9					
2.0H	+ 6.6 / - 8.0					+ 5.9 / - 5.5					

CIE Pub.117 Corrected 1355 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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

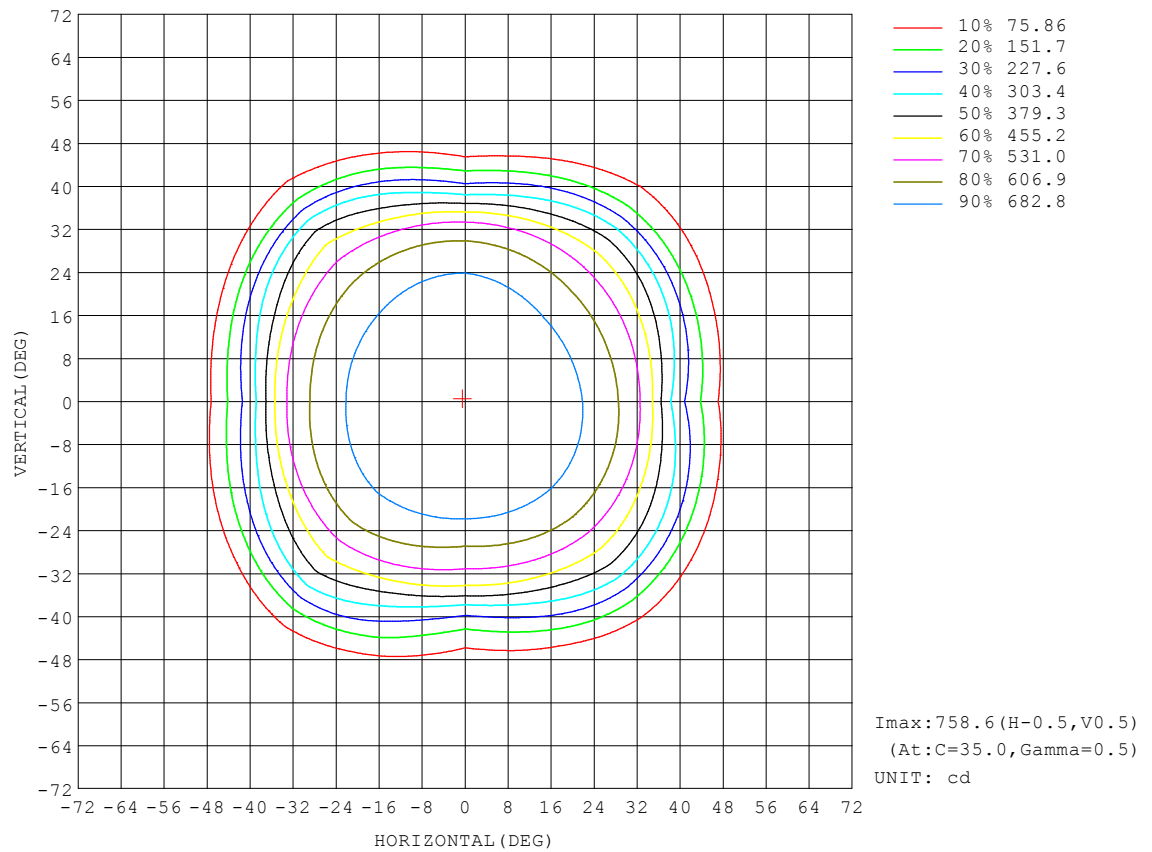
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	61	56	68	60	56	65	59	55	50
0.80	78	70	65	76	69	64	73	67	63	56
1.00	84	76	71	82	75	70	77	73	68	61
1.25	89	82	77	86	80	75	82	77	73	65
1.50	93	86	81	90	84	79	84	80	76	67
2.00	97	91	86	94	88	84	87	83	80	69
2.50	100	94	90	96	91	87	89	86	83	70
3.00	102	97	93	98	94	90	91	87	85	71
4.00	105	100	97	100	97	94	92	90	88	73
5.00	106	103	100	102	99	96	94	91	90	74
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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

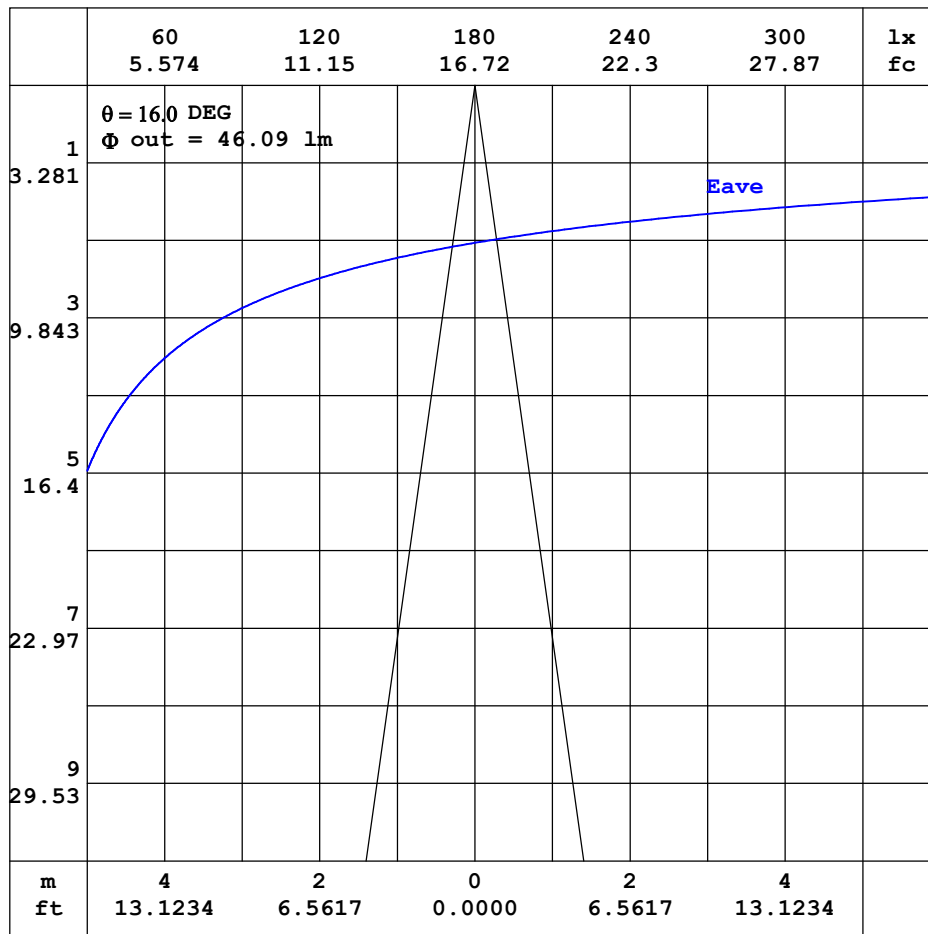


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



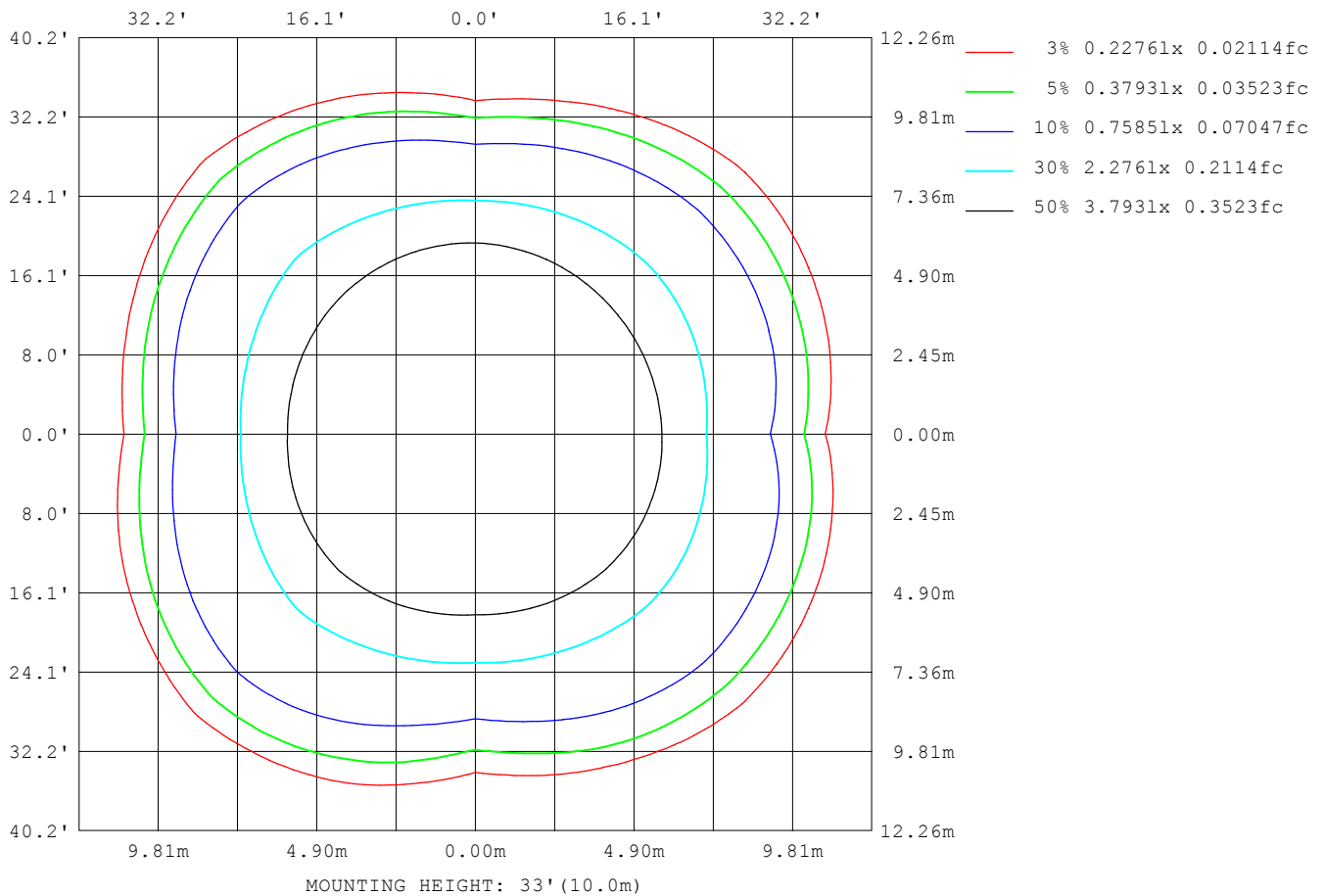
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

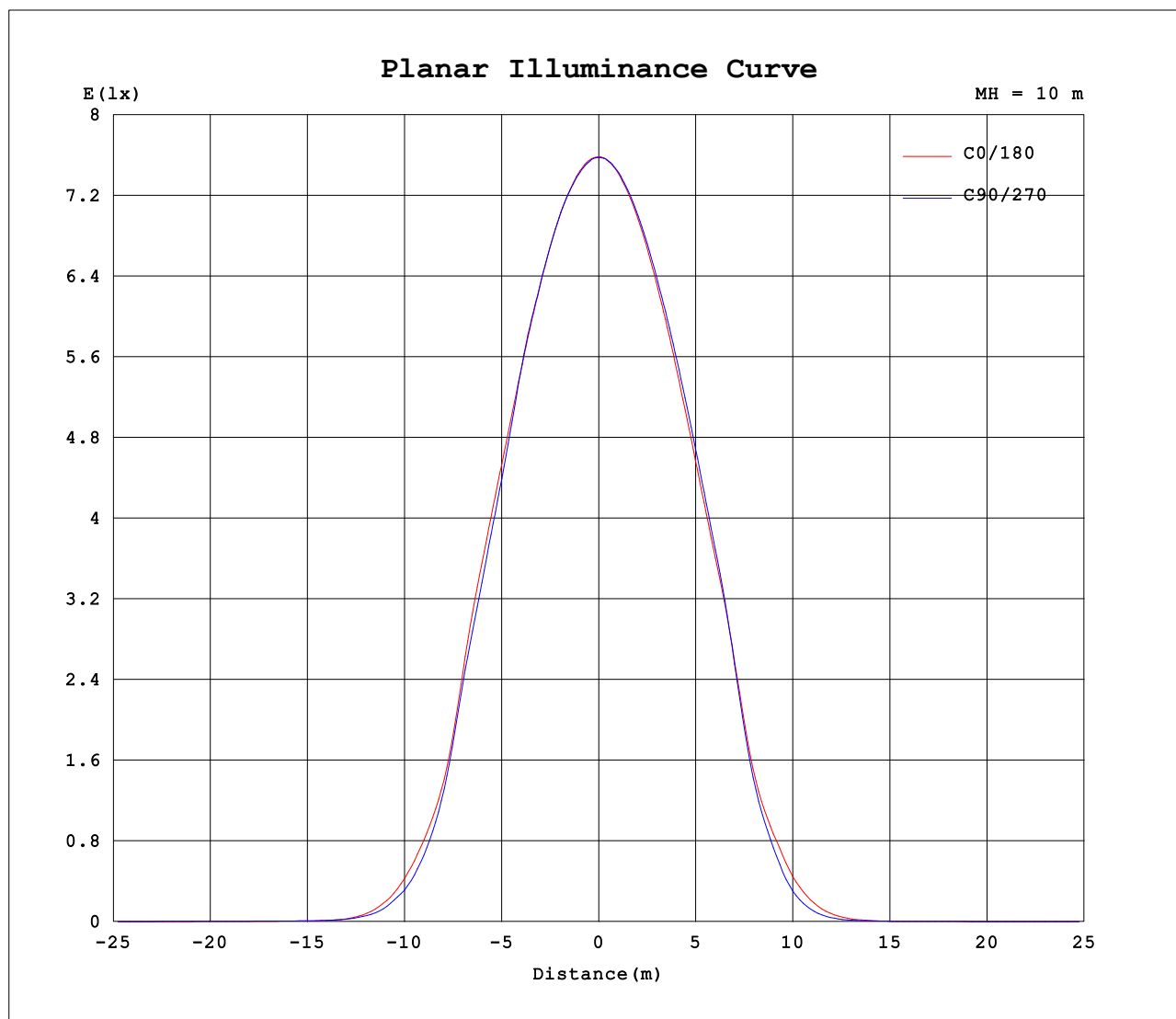
AvgL	cd/m2
L_0~180 (65) av	541
L_0~180 (75) av	646
L_0~180 (85) av	1415
L_90~270 (65) av	654
L_90~270 (75) av	778
L_90~270 (85) av	1694
L_45 (65) av	788
L_45 (75) av	866
L_45 (85) av	1821

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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	759	759	759	759	759	759	759	759	759	759	759	758	758	758	758	758	758	758	758
5	755	755	755	755	755	755	755	755	755	754	754	754	754	754	754	754	754	754	754
10	746	746	746	746	746	746	746	745	745	745	745	745	745	745	746	746	746	746	746
15	728	729	729	729	729	729	730	730	730	730	730	730	729	729	729	729	729	729	729
20	698	699	699	700	700	701	701	702	702	702	702	702	702	702	701	701	701	701	701
25	651	654	656	658	659	660	661	661	661	660	658	655	652	649	646	643	640	638	637
30	583	586	588	590	591	592	592	592	591	590	585	581	576	572	567	563	560	557	555
35	449	458	466	473	478	483	486	488	488	488	482	475	467	459	451	444	438	433	429
40	250	276	300	320	337	350	361	367	371	371	356	340	321	302	282	264	247	232	221
45	121	142	161	176	189	199	207	212	214	214	201	186	170	154	138	122	108	97.1	88.8
50	32.3	41.9	50.4	57.7	63.7	68.6	72.3	74.8	76.1	76.3	71.0	64.8	58.1	51.2	44.3	37.8	32.1	27.3	23.9
55	5.47	9.99	14.0	17.4	20.4	22.8	24.7	26.1	26.9	27.2	25.3	23.0	20.4	17.6	14.9	12.3	9.93	7.96	6.50
60	4.02	4.97	5.81	6.55	7.19	7.72	8.15	8.47	8.69	8.81	8.41	7.94	7.42	6.89	6.39	5.93	5.56	5.29	5.17
65	3.57	3.73	3.88	4.02	4.14	4.25	4.35	4.43	4.51	4.57	4.54	4.50	4.46	4.42	4.40	4.39	4.41	4.45	4.53
70	3.07	3.18	3.29	3.39	3.48	3.56	3.63	3.69	3.75	3.79	3.78	3.77	3.76	3.74	3.74	3.73	3.74	3.77	3.81
75	2.53	2.61	2.69	2.75	2.82	2.87	2.92	2.97	3.01	3.04	3.04	3.04	3.03	3.02	3.02	3.02	3.02	3.03	3.06
80	2.09	2.15	2.21	2.26	2.30	2.35	2.38	2.42	2.45	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.48	2.49
85	1.78	1.83	1.87	1.91	1.95	1.98	2.01	2.04	2.06	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.08
90	3.08	3.12	3.14	3.15	3.15	3.13	3.09	3.04	2.98	2.89	2.67	2.44	2.21	2.00	1.81	1.65	1.53	1.49	1.47
95	11.4	12.2	12.9	13.4	13.8	14.1	14.1	14.0	13.8	13.4	12.2	10.8	9.39	7.99	6.65	5.43	4.38	3.56	3.02
100	29.1	29.9	30.4	30.7	30.8	30.7	30.3	29.7	28.8	27.8	25.4	22.8	20.1	17.5	15.0	12.7	10.7	9.03	7.81
105	47.6	46.9	46.1	45.1	44.0	42.7	41.3	39.7	38.0	36.1	33.0	29.9	26.7	23.7	20.8	18.2	16.0	14.2	13.0
110	57.0	56.4	55.5	54.6	53.4	52.0	50.5	48.8	46.9	44.8	41.3	37.7	34.1	30.6	27.4	24.4	21.8	19.7	18.3
115	66.4	65.8	65.1	64.1	63.0	61.6	60.0	58.1	56.1	53.8	49.9	45.8	41.8	37.9	34.1	30.8	27.8	25.4	23.7
120	75.6	75.1	74.3	73.3	72.0	70.6	68.8	66.9	64.6	62.2	57.9	53.5	49.1	44.8	40.7	37.0	33.8	31.1	29.2
125	84.0	83.5	82.7	81.7	80.4	78.8	77.0	74.9	72.6	70.0	65.5	60.8	56.1	51.6	47.3	43.3	39.8	36.9	34.8
130	92.1	91.3	90.3	89.0	87.4	85.7	83.6	81.4	78.9	76.1	71.5	66.8	62.0	57.4	53.1	49.1	45.5	42.6	40.4
135	98.6	97.3	95.9	94.2	92.4	90.4	88.1	85.7	83.1	80.3	75.8	71.2	66.7	62.3	58.1	54.3	50.9	48.2	46.1
140	102	101	98.9	97.0	94.9	92.7	90.3	87.8	85.2	82.5	78.3	74.1	70.0	66.0	62.2	58.8	55.8	53.3	51.4
145	102	101	98.8	96.9	94.8	92.7	90.4	88.1	85.7	83.2	79.5	75.9	72.3	68.9	65.6	62.7	60.1	58.0	56.3
150	98.9	97.4	95.9	94.2	92.5	90.7	88.8	86.9	84.9	82.8	79.9	76.9	74.0	71.2	68.6	66.2	64.1	62.3	60.9
155	93.8	92.7	91.6	90.3	89.0	87.7	86.3	84.8	83.3	81.8	79.5	77.3	75.1	72.9	70.9	69.1	67.5	66.1	65.0
160	88.2	87.5	86.8	86.0	85.2	84.3	83.3	82.4	81.3	80.2	78.7	77.1	75.6	74.0	72.6	71.3	70.1	69.1	68.3
165	82.9	82.6	82.2	81.8	81.4	80.9	80.4	79.8	79.2	78.6	77.6	76.6	75.7	74.7	73.8	72.9	72.2	71.5	70.9
170	78.5	78.4	78.3	78.2	78.1	77.9	77.7	77.5	77.2	76.9	76.4	75.9	75.4	74.9	74.4	74.0	73.5	73.1	72.8
175	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.5	75.5	75.4	75.2	75.1	74.9	74.7	74.5	74.3	74.1	74.0	73.8
180	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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	758	757	757	757	757	757	757	757	757	757	757	758	758	758	758	758	758	759	759
5	754	754	754	754	754	754	755	755	755	755	755	755	755	755	755	755	755	755	755
10	746	746	746	746	746	746	746	746	746	746	746	746	745	745	745	745	744	744	744
15	729	730	730	730	731	731	731	732	732	731	731	730	730	729	728	728	727	727	727
20	702	702	703	704	705	705	706	706	706	706	705	704	704	703	702	701	700	699	699
25	639	643	646	650	654	658	662	666	669	669	668	667	665	663	661	660	658	656	656
30	560	566	573	579	587	594	600	607	612	611	610	607	605	602	599	595	592	590	591
35	437	446	456	467	478	489	500	509	518	515	510	505	499	493	486	480	475	470	475
40	237	256	278	301	325	348	370	390	406	396	382	365	348	329	311	294	278	265	279
45	105	125	146	169	192	215	236	255	270	260	246	230	212	193	175	157	140	127	136
50	31.6	40.6	50.5	60.8	71.2	81.2	90.6	98.8	105	99.9	92.7	84.4	75.3	65.9	56.5	47.5	39.3	32.3	36.5
55	9.55	13.1	16.9	21.0	25.0	28.9	32.4	35.5	37.9	35.2	31.9	28.1	24.0	19.7	15.6	11.6	8.03	5.01	6.98
60	6.32	7.59	8.94	10.3	11.6	12.9	14.0	14.9	15.6	14.6	13.3	11.9	10.3	8.73	7.11	5.56	4.11	2.84	3.08
65	4.93	5.36	5.80	6.23	6.64	7.00	7.31	7.55	7.69	7.27	6.75	6.17	5.54	4.89	4.22	3.57	2.95	2.38	2.24
70	4.04	4.28	4.52	4.76	4.98	5.17	5.33	5.44	5.50	5.21	4.87	4.48	4.08	3.66	3.23	2.82	2.44	2.08	2.03
75	3.19	3.33	3.47	3.61	3.73	3.84	3.92	3.98	4.01	3.81	3.58	3.33	3.07	2.80	2.53	2.27	2.03	1.82	1.82
80	2.58	2.68	2.77	2.86	2.95	3.02	3.08	3.11	3.13	2.96	2.77	2.57	2.37	2.17	1.99	1.83	1.70	1.61	1.81
85	2.15	2.22	2.29	2.35	2.41	2.47	2.51	2.54	2.55	2.44	2.32	2.19	2.05	1.91	1.78	1.65	1.53	1.43	1.46
90	1.90	2.40	2.92	3.46	4.00	4.53	5.01	5.43	5.79	5.59	5.31	4.97	4.59	4.18	3.76	3.35	2.95	2.59	2.65
95	4.47	6.19	8.11	10.1	12.2	14.3	16.3	18.2	19.8	19.6	19.1	18.4	17.6	16.7	15.7	14.7	13.7	12.9	13.3
100	9.43	11.5	13.9	16.6	19.4	22.4	25.3	28.2	30.8	31.8	32.5	32.9	33.2	33.3	33.3	33.1	32.8	32.5	32.7
105	14.6	16.8	19.4	22.3	25.5	28.8	32.3	35.6	38.9	40.9	42.6	44.1	45.5	46.5	47.4	48.0	48.4	48.5	48.2
110	20.1	22.5	25.4	28.7	32.3	36.0	39.8	43.6	47.3	49.4	51.2	52.8	54.2	55.3	56.2	56.8	57.2	57.3	57.1
115	25.7	28.3	31.5	35.1	39.1	43.2	47.4	51.6	55.6	57.9	59.9	61.6	63.1	64.3	65.2	65.9	66.2	66.4	66.2
120	31.2	34.0	37.4	41.2	45.3	49.7	54.2	58.6	63.0	65.5	67.8	69.8	71.5	73.0	74.1	75.0	75.5	75.7	75.5
125	36.8	39.6	42.9	46.8	51.0	55.5	60.1	64.7	69.2	72.0	74.6	76.8	78.8	80.5	81.9	83.0	83.7	84.1	83.7
130	42.2	44.8	48.0	51.6	55.7	60.0	64.5	69.1	73.5	76.7	79.6	82.2	84.6	86.7	88.5	89.8	90.8	91.4	90.6
135	47.6	49.8	52.6	55.9	59.6	63.6	67.7	72.0	76.2	79.5	82.7	85.7	88.4	90.8	92.9	94.5	95.8	96.5	95.5
140	52.6	54.4	56.8	59.6	62.7	66.2	69.8	73.6	77.3	80.7	83.9	87.0	89.8	92.3	94.5	96.3	97.7	98.5	97.3
145	57.2	58.6	60.5	62.8	65.4	68.2	71.2	74.3	77.5	80.5	83.4	86.2	88.7	91.1	93.1	94.8	96.1	96.9	95.6
150	61.5	62.6	64.0	65.7	67.6	69.8	72.1	74.5	77.0	79.4	81.8	84.0	86.1	88.0	89.7	91.1	92.1	92.8	91.7
155	65.4	66.1	67.0	68.2	69.6	71.1	72.8	74.5	76.3	78.0	79.7	81.4	82.9	84.3	85.5	86.5	87.3	87.8	86.9
160	68.5	68.9	69.5	70.2	71.1	72.1	73.1	74.3	75.4	76.5	77.7	78.7	79.7	80.6	81.4	82.1	82.6	82.9	82.3
165	71.0	71.2	71.5	71.9	72.3	72.9	73.5	74.1	74.7	75.3	75.9	76.5	77.1	77.6	78.0	78.4	78.6	78.8	78.4
170	72.8	72.8	72.9	73.1	73.2	73.4	73.7	73.9	74.2	74.4	74.7	74.9	75.1	75.3	75.5	75.7	75.8	75.8	75.6
175	73.8	73.8	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
180	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm		
NAME: 1FT	TYPE:3000K 1.9	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	759	759	759	759	759	759	759	759	759	758	758	758	758	758	758	758	758	758	757
5	755	755	755	755	755	755	755	755	756	756	756	756	756	755	755	755	755	755	755
10	744	744	745	745	745	745	745	746	746	746	746	747	747	747	747	747	747	747	746
15	727	727	727	727	727	727	728	728	729	729	730	731	732	732	733	733	733	733	731
20	699	700	700	700	701	701	702	702	703	705	706	707	708	709	709	710	710	708	706
25	657	657	658	659	660	661	662	663	665	666	668	669	670	671	672	672	672	670	667
30	592	594	596	598	601	603	605	607	608	608	608	608	608	607	607	605	604	602	599
35	481	488	495	502	509	515	521	525	521	515	508	501	493	486	478	471	465	466	468
40	294	312	331	350	368	385	400	412	398	380	361	340	318	297	277	258	242	251	262
45	149	163	178	193	208	222	233	243	229	213	195	176	156	136	118	101	86.3	92.1	100
50	41.9	48.3	55.1	62.2	69.1	75.5	81.1	85.6	79.4	72.0	63.9	55.2	46.4	37.7	29.7	22.4	16.4	20.6	26.1
55	9.52	12.5	15.7	19.0	22.3	25.4	28.2	30.5	28.3	25.6	22.5	19.2	15.8	12.4	9.20	6.33	3.90	5.51	7.58
60	3.52	4.10	4.78	5.53	6.31	7.08	7.78	8.40	8.01	7.51	6.92	6.28	5.60	4.91	4.24	3.61	3.05	3.10	3.23
65	2.16	2.13	2.15	2.21	2.29	2.40	2.52	2.64	2.66	2.67	2.68	2.68	2.68	2.68	2.68	2.67	2.66	2.61	2.56
70	2.03	2.05	2.11	2.19	2.29	2.40	2.51	2.62	2.61	2.60	2.59	2.56	2.54	2.51	2.47	2.44	2.40	2.37	2.34
75	1.85	1.90	1.97	2.06	2.16	2.26	2.36	2.45	2.45	2.43	2.41	2.38	2.34	2.30	2.26	2.22	2.18	2.16	2.15
80	2.04	2.31	2.58	2.86	3.13	3.38	3.61	3.79	3.58	3.33	3.06	2.80	2.54	2.31	2.13	2.01	1.97	2.57	3.23
85	1.50	1.56	1.63	1.71	1.78	1.86	1.94	2.01	2.01	1.99	1.97	1.94	1.91	1.88	1.84	1.80	1.76	1.73	1.71
90	2.74	2.87	3.02	3.18	3.34	3.48	3.60	3.69	3.48	3.23	2.95	2.65	2.35	2.04	1.74	1.46	1.21	1.21	1.23
95	13.9	14.5	15.1	15.7	16.2	16.6	16.9	16.9	15.4	13.6	11.8	9.88	7.98	6.14	4.42	2.89	1.60	2.02	2.70
100	32.8	32.8	32.7	32.5	32.1	31.4	30.6	29.6	26.7	23.8	20.7	17.6	14.7	11.9	9.38	7.23	5.54	6.67	8.26
105	47.7	46.9	45.9	44.7	43.3	41.6	39.7	37.6	34.1	30.6	27.0	23.5	20.2	17.1	14.4	12.2	10.4	11.7	13.4
110	56.6	55.9	54.9	53.6	52.2	50.4	48.4	46.2	42.4	38.4	34.5	30.5	26.8	23.4	20.3	17.8	15.8	17.2	19.3
115	65.7	64.9	63.9	62.6	61.0	59.2	57.1	54.7	50.5	46.2	41.8	37.5	33.4	29.7	26.3	23.5	21.4	23.0	25.3
120	74.9	74.0	72.8	71.3	69.5	67.4	65.1	62.4	57.9	53.3	48.6	44.1	39.7	35.7	32.2	29.3	27.0	28.8	31.3
125	83.0	81.9	80.5	78.8	76.7	74.4	71.8	68.9	64.2	59.4	54.7	50.0	45.6	41.5	37.9	35.0	32.8	34.7	37.3
130	89.5	88.0	86.1	83.8	81.3	78.5	75.5	72.2	67.7	63.1	58.6	54.2	50.1	46.4	43.2	40.6	38.7	40.6	43.3
135	93.9	92.0	89.6	86.9	84.0	80.7	77.4	73.8	69.6	65.4	61.3	57.3	53.7	50.5	47.7	45.5	44.0	45.8	48.2
140	95.5	93.3	90.7	87.8	84.7	81.3	77.8	74.3	70.5	66.8	63.2	59.8	56.8	54.1	51.8	50.0	48.9	50.5	52.6
145	93.9	91.8	89.3	86.6	83.7	80.6	77.4	74.1	70.9	67.8	64.9	62.2	59.7	57.5	55.7	54.4	53.6	54.9	56.7
150	90.2	88.4	86.4	84.1	81.6	79.0	76.4	73.8	71.3	68.9	66.6	64.6	62.7	61.1	59.8	58.8	58.3	59.4	60.9
155	85.8	84.4	82.8	81.1	79.3	77.3	75.4	73.4	71.6	69.9	68.3	66.8	65.4	64.3	63.4	62.8	62.4	63.3	64.5
160	81.5	80.6	79.5	78.3	77.1	75.8	74.5	73.2	72.0	70.9	69.8	68.8	68.0	67.3	66.7	66.3	66.2	66.8	67.6
165	77.9	77.4	76.7	76.0	75.3	74.6	73.8	73.0	72.4	71.8	71.2	70.7	70.2	69.9	69.6	69.4	69.4	69.8	70.3
170	75.4	75.1	74.8	74.5	74.1	73.8	73.4	73.1	72.8	72.6	72.4	72.2	72.0	71.9	71.8	71.7	71.8	72.0	72.2
175	74.0	73.9	73.9	73.8	73.7	73.6	73.5	73.5	73.4	73.3	73.3	73.3	73.2	73.2	73.2	73.2	73.3	73.3	73.4
180	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5

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:0.1030A P:12.30W PF:0.9900 Freq:60.00Hz Lamp Flux:1355.43x1 lm																	
NAME: 1FT									TYPE:3000K 1.9						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	757	757	757	757	757	757	757	757	757	757	758	758	758	758	758				
5	754	754	754	754	754	753	753	753	753	754	754	754	754	755	755				
10	745	745	744	744	743	742	742	742	742	742	743	743	744	744	745				
15	730	728	727	726	725	723	723	722	722	723	723	724	725	726	727				
20	704	702	700	698	696	694	692	692	691	692	692	693	693	695	696				
25	664	661	658	655	652	649	647	646	645	645	645	645	646	647	649				
30	596	593	590	588	585	583	580	580	579	579	579	579	579	580	582				
35	470	473	476	479	482	485	487	485	483	481	477	473	468	462	456				
40	275	290	305	321	335	349	360	359	355	348	339	327	312	294	273				
45	111	122	135	148	160	172	183	183	183	180	175	168	159	148	136				
50	32.4	39.4	46.8	54.1	61.2	67.7	73.3	73.5	72.6	70.5	67.1	62.6	56.8	49.9	41.7				
55	10.00	12.6	15.4	18.1	20.7	23.0	25.0	24.8	24.2	23.0	21.3	19.2	16.5	13.3	9.65				
60	3.42	3.66	3.94	4.23	4.53	4.82	5.09	5.12	5.12	5.08	5.00	4.88	4.72	4.53	4.29				
65	2.52	2.48	2.44	2.41	2.40	2.39	2.41	2.46	2.54	2.64	2.75	2.88	3.03	3.19	3.37				
70	2.31	2.29	2.27	2.25	2.25	2.26	2.27	2.31	2.37	2.43	2.51	2.60	2.70	2.81	2.93				
75	2.14	2.13	2.12	2.12	2.13	2.14	2.15	2.18	2.20	2.23	2.27	2.31	2.36	2.41	2.47				
80	3.94	4.66	5.37	6.04	6.66	7.19	7.60	7.54	7.34	7.00	6.53	5.92	5.17	4.28	3.25				
85	1.69	1.67	1.65	1.64	1.63	1.62	1.61	1.62	1.62	1.63	1.65	1.67	1.69	1.71	1.74				
90	1.25	1.28	1.32	1.36	1.40	1.45	1.50	1.62	1.74	1.89	2.05	2.22	2.41	2.62	2.84				
95	3.59	4.65	5.82	7.08	8.36	9.63	10.8	11.3	11.7	12.0	12.1	12.2	12.2	12.0	11.7				
100	10.2	12.5	15.0	17.6	20.2	22.8	25.3	26.6	27.6	28.4	29.0	29.4	29.6	29.7	29.5				
105	15.7	18.3	21.2	24.3	27.5	30.8	34.1	36.1	37.9	39.7	41.3	42.8	44.2	45.5	46.6				
110	21.8	24.8	28.1	31.6	35.2	38.9	42.6	44.8	46.9	48.8	50.5	52.1	53.6	54.9	56.0				
115	28.2	31.5	35.2	39.2	43.2	47.3	51.4	53.8	56.0	58.0	59.9	61.5	63.0	64.3	65.4				
120	34.4	38.1	42.0	46.3	50.7	55.1	59.4	62.0	64.4	66.6	68.6	70.4	72.0	73.4	74.6				
125	40.6	44.4	48.6	53.0	57.6	62.3	66.8	69.6	72.1	74.4	76.5	78.4	80.1	81.6	82.9				
130	46.5	50.3	54.4	58.8	63.4	68.0	72.6	75.5	78.2	80.7	83.1	85.2	87.2	89.0	90.7				
135	51.2	54.7	58.6	62.8	67.1	71.5	75.9	78.9	81.7	84.5	87.1	89.6	92.0	94.3	96.5				
140	55.3	58.4	61.9	65.6	69.5	73.5	77.6	80.5	83.4	86.3	89.1	91.9	94.6	97.2	99.8				
145	59.0	61.7	64.6	67.8	71.2	74.7	78.2	81.0	83.7	86.4	89.1	91.8	94.4	97.1	99.8				
150	62.7	64.8	67.2	69.7	72.5	75.3	78.2	80.4	82.7	85.0	87.3	89.6	91.9	94.3	96.6				
155	65.9	67.5	69.3	71.3	73.4	75.5	77.7	79.5	81.2	83.0	84.8	86.6	88.4	90.2	92.0				
160	68.6	69.7	71.0	72.4	73.8	75.3	76.9	78.1	79.3	80.6	81.8	83.1	84.4	85.7	86.9				
165	70.9	71.6	72.3	73.2	74.0	74.9	75.9	76.6	77.4	78.1	78.9	79.7	80.5	81.3	82.1				
170	72.5	72.9	73.2	73.6	74.1	74.5	74.9	75.3	75.7	76.1	76.5	76.9	77.2	77.6	78.0				
175	73.5	73.6	73.7	73.9	74.0	74.1	74.3	74.4	74.5	74.6	74.8	74.9	75.0	75.2	75.3				
180	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5				

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: