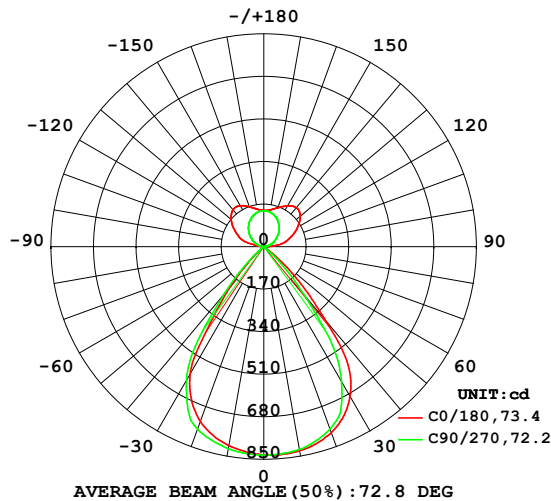


LUMINAIRE PHOTOMETRIC TEST REPORT

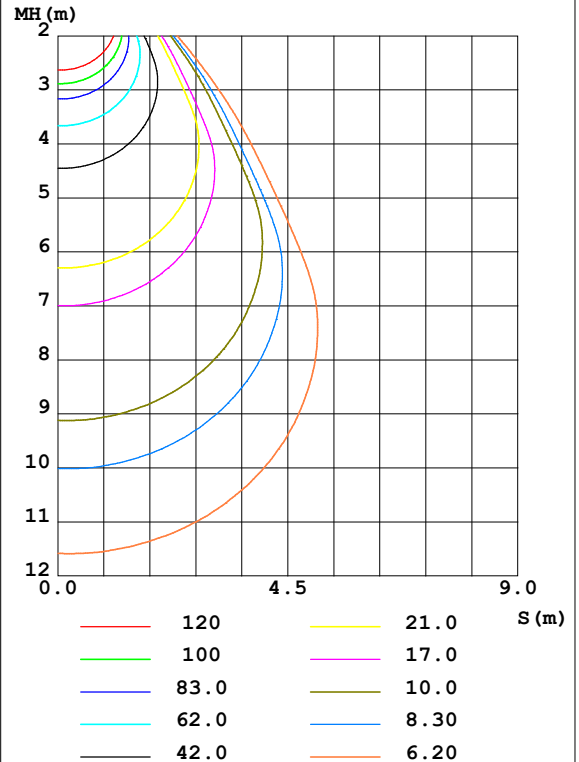
Test:U:119.3V I:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.51 lm/W			
MODEL		I _{max} (cd)	834.2	S/MH(C0/180)	1.14
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.04
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1744.3	η UP,DN(C0-180)	17.9,32.9
NOMINAL FLUX(lm)	1744.27	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	17.5,31.7
LAMPS INSIDE	1	η up(%)	35.4	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120.0	η down(%)	64.6	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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

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

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

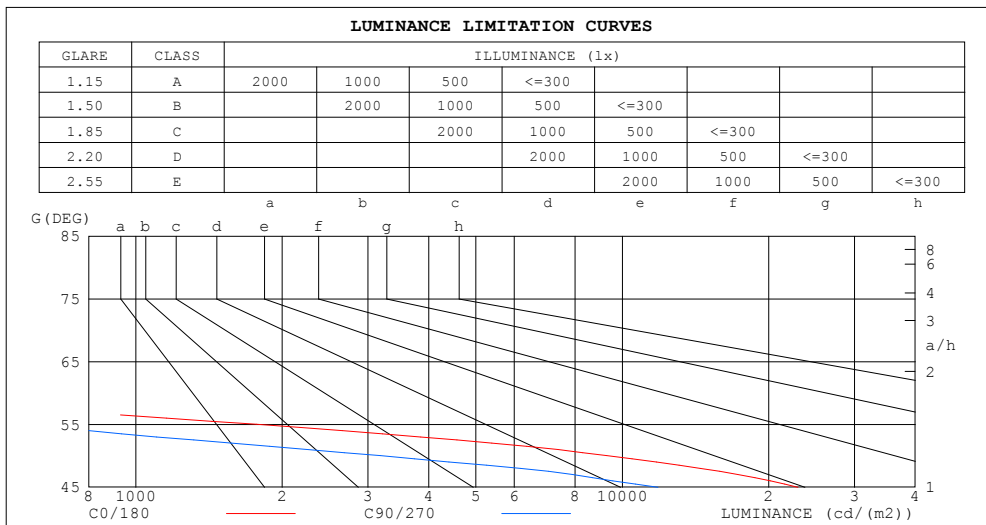
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	827.9	827.2	822.9	817.6	806.7	809.7	819.6	823.6	0- 10	78.86	78.86	4.52,4.52
20	790.6	790.4	775.1	763.8	742.4	751.7	775.6	780.0	10- 20	225.8	304.6	17.5,17.5
30	690.1	691.2	621.7	647.8	589.5	628.2	618.6	676.7	20- 30	330.4	635.1	36.4,36.4
40	383.0	468.8	250.3	402.1	206.3	369.1	245.0	439.8	30- 40	317.2	952.2	54.6,54.6
50	77.59	125.1	26.60	78.89	11.68	65.90	23.34	101.1	40- 50	147.2	1099	63,63
60	2.417	12.00	3.157	6.197	1.876	5.017	3.742	9.747	50- 60	22.07	1121	64.3,64.3
70	1.492	1.678	1.895	1.665	1.055	1.902	2.314	1.943	60- 70	2.702	1124	64.4,64.4
80	0.8699	1.046	0.9816	0.9271	0.5179	1.066	1.273	1.238	70- 80	1.428	1126	64.5,64.5
90	12.62	8.254	0.2068	0.7026	0.2663	0.7651	0.4495	7.943	80- 90	1.385	1127	64.6,64.6
100	75.99	58.16	10.64	46.28	33.48	50.64	10.51	40.21	90-100	21.45	1148	65.8,65.8
110	116.4	92.23	31.49	81.81	100.7	83.96	31.45	80.31	100-110	62.25	1211	69.4,69.4
120	156.9	124.2	53.35	115.5	136.0	116.5	52.90	121.6	110-120	92.78	1303	74.7,74.7
130	190.9	146.8	75.32	141.9	170.8	140.2	74.74	142.0	120-130	109.9	1413	81,81
140	203.5	155.1	96.70	154.2	192.5	151.4	96.01	149.7	130-140	110.4	1524	87.4,87.4
150	188.8	154.6	115.8	155.7	189.4	152.0	115.4	149.4	140-150	94.91	1619	92.8,92.8
160	166.3	150.5	131.1	152.1	169.9	149.0	130.6	146.7	150-160	69.79	1689	96.8,96.8
170	149.7	146.5	140.9	148.0	152.5	146.0	140.8	144.7	160-170	41.86	1730	99.2,99.2
180	144.3	144.3	144.3	144.3	144.3	144.3	144.3	144.3	170-180	13.89	1744	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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



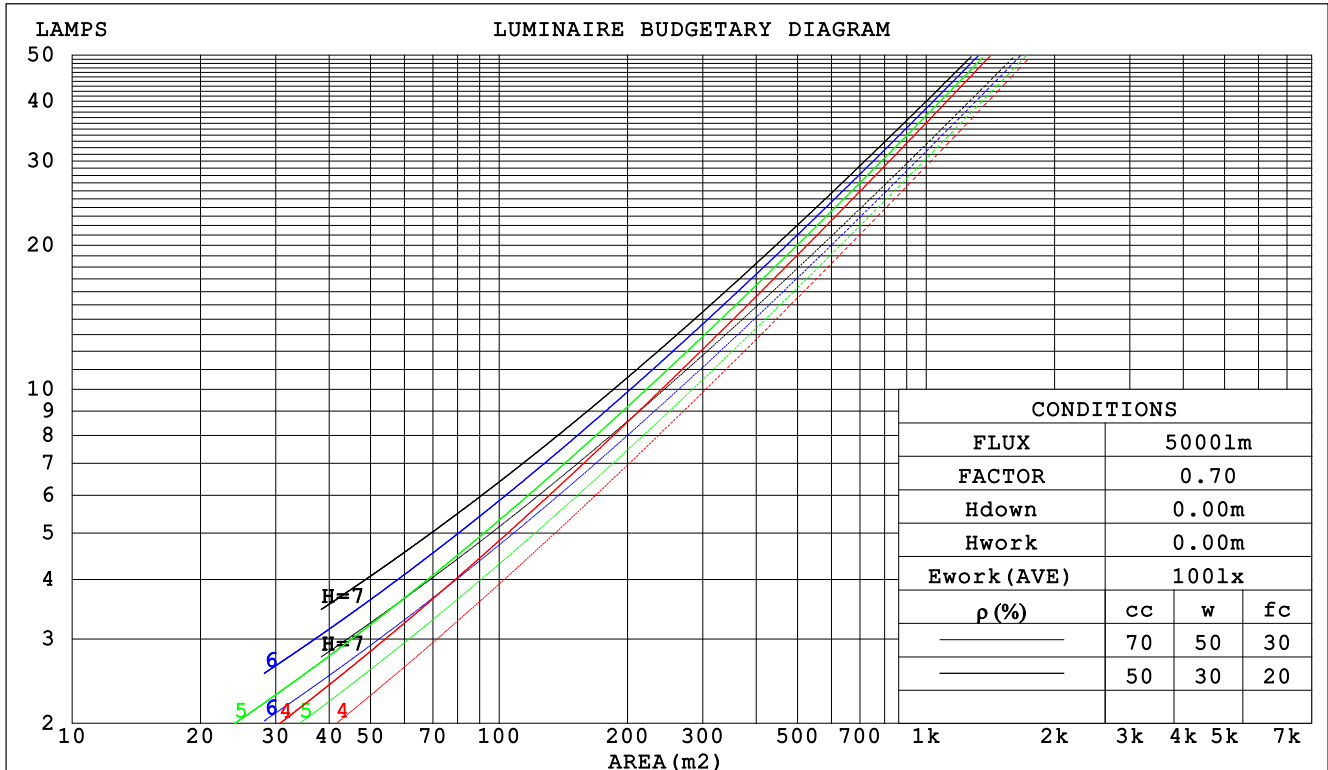
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.3V I:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.11	1.11	1.11	1.04	1.04	1.04	.91	.91	.91	.80	.80	.80	.70	.70	.70	.65
1.0	1.00	.97	.95	.95	.92	.90	.84	.82	.81	.74	.73	.72	.65	.65	.64	.60
2.0	.91	.86	.82	.86	.82	.78	.77	.74	.71	.69	.67	.65	.61	.60	.58	.55
3.0	.83	.77	.72	.79	.73	.69	.71	.67	.64	.64	.61	.58	.57	.55	.53	.50
4.0	.75	.69	.64	.72	.66	.62	.65	.61	.57	.59	.56	.53	.53	.51	.49	.46
5.0	.69	.62	.57	.66	.60	.55	.60	.55	.52	.55	.51	.48	.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	.35	.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:119.3V I:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 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	.216	.123	.039	.199	.113	.036	.166	.095	.030	.136	.078	.025	.108	.063	.020		
2.0	.205	.112	.034	.189	.104	.032	.160	.089	.028	.133	.074	.023	.107	.061	.019		
3.0	.194	.103	.031	.179	.096	.029	.153	.083	.025	.128	.070	.022	.105	.058	.018		
4.0	.183	.095	.028	.170	.089	.026	.146	.077	.023	.123	.066	.020	.102	.055	.017		
5.0	.173	.088	.026	.161	.083	.024	.139	.072	.021	.118	.062	.019	.098	.053	.016		
6.0	.164	.082	.023	.153	.077	.022	.132	.068	.020	.113	.059	.017	.095	.050	.015		
7.0	.155	.077	.022	.145	.072	.021	.126	.064	.018	.108	.055	.016	.092	.048	.014		
8.0	.147	.072	.020	.138	.068	.019	.120	.060	.017	.104	.053	.015	.088	.045	.013		
9.0	.140	.068	.019	.131	.064	.018	.115	.057	.016	.099	.050	.014	.085	.043	.012		
10.0	.133	.064	.018	.125	.060	.017	.110	.054	.015	.095	.047	.013	.082	.041	.012		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.460	.460	.460	.393	.393	.393	.268	.268	.268	.154	.154	.154	.049	.049	.049	
1.0	.446	.429	.414	.381	.368	.356	.261	.253	.246	.150	.147	.143	.048	.047	.046	
2.0	.434	.406	.382	.372	.349	.330	.255	.242	.230	.147	.141	.135	.047	.046	.044	
3.0	.425	.389	.360	.364	.336	.312	.250	.233	.219	.144	.136	.129	.046	.044	.042	
4.0	.417	.376	.345	.358	.325	.299	.246	.226	.211	.142	.133	.125	.046	.043	.041	
5.0	.410	.366	.333	.352	.316	.290	.242	.221	.205	.140	.130	.121	.045	.042	.040	
6.0	.403	.358	.325	.347	.310	.283	.239	.217	.200	.139	.127	.119	.045	.042	.039	
7.0	.398	.351	.318	.342	.304	.277	.236	.213	.196	.137	.126	.117	.044	.041	.039	
8.0	.393	.345	.313	.338	.300	.273	.234	.210	.194	.136	.124	.115	.044	.041	.038	
9.0	.388	.341	.309	.334	.296	.270	.231	.208	.191	.135	.123	.114	.044	.040	.038	
10.0	.383	.337	.306	.330	.292	.267	.229	.206	.190	.134	.122	.113	.043	.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:119.3V I:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 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	18.9	19.8	19.6	20.4	21.2	17.5	18.4	18.2	19.0	19.8
3H	18.6	19.4	19.3	20.1	20.9	17.2	18.0	17.9	18.7	19.5
4H	18.5	19.2	19.2	19.9	20.8	17.1	17.8	17.8	18.5	19.4
6H	18.3	19.0	19.1	19.7	20.6	16.9	17.6	17.7	18.3	19.2
8H	18.2	18.9	19.0	19.6	20.5	16.8	17.5	17.6	18.2	19.1
12H	18.2	18.8	18.9	19.5	20.4	16.8	17.4	17.5	18.1	19.1
4H 2H	18.5	19.2	19.2	19.9	20.8	17.1	17.8	17.8	18.5	19.4
3H	18.2	18.8	19.0	19.5	20.5	16.8	17.4	17.6	18.1	19.1
4H	18.0	18.5	18.8	19.3	20.3	16.6	17.2	17.4	17.9	18.9
6H	17.8	18.3	18.7	19.1	20.1	16.5	16.9	17.3	17.7	18.7
8H	17.8	18.2	18.6	19.0	20.0	16.4	16.8	17.2	17.6	18.7
12H	17.7	18.1	18.5	18.9	20.0	16.3	16.7	17.2	17.5	18.6
8H 4H	17.8	18.2	18.6	19.0	20.0	16.4	16.8	17.2	17.6	18.7
6H	17.6	17.9	18.5	18.8	19.9	16.2	16.6	17.1	17.4	18.5
8H	17.5	17.8	18.4	18.7	19.8	16.1	16.4	17.0	17.3	18.4
12H	17.4	17.7	18.3	18.6	19.7	16.0	16.3	17.0	17.2	18.3
12H 4H	17.7	18.1	18.5	18.9	19.9	16.3	16.7	17.2	17.5	18.6
6H	17.5	17.8	18.4	18.7	19.8	16.1	16.4	17.0	17.3	18.4
8H	17.4	17.7	18.3	18.6	19.7	16.0	16.3	17.0	17.2	18.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / -16.9					+ 3.1 / -15.9				
1.5H	+ 3.4 / - 8.9					+ 3.4 / -13.8				
2.0H	+ 6.6 / -17.0					+ 6.1 / -13.1				

CIE Pub.117 Corrected 1744 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.9)

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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

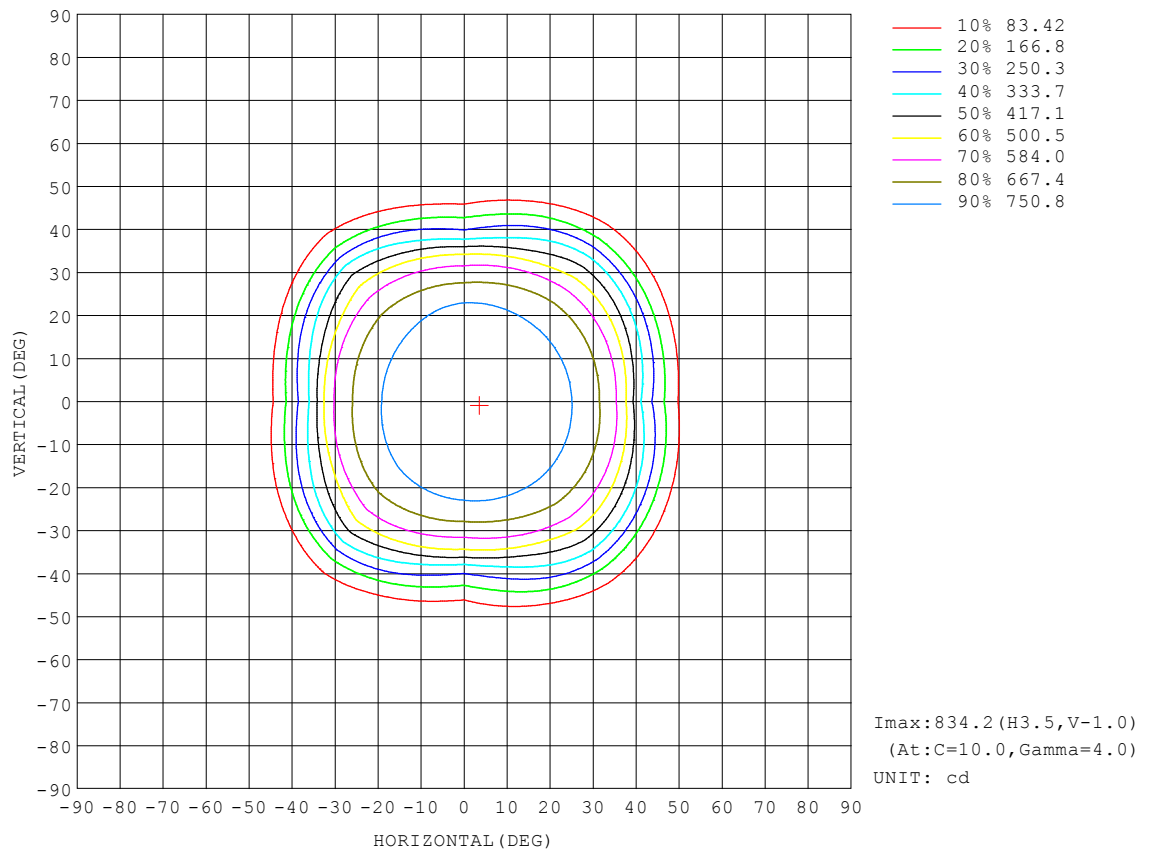
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	63	55	50	61	54	49	58	52	48	42
0.80	72	63	58	70	62	57	65	59	55	48
1.00	78	70	64	75	68	63	70	65	60	52
1.25	84	76	70	80	73	68	74	69	65	55
1.50	88	80	75	84	77	73	77	72	68	57
2.00	92	86	81	88	82	78	80	76	73	59
2.50	95	89	84	91	85	81	82	78	75	60
3.00	98	92	88	93	88	84	83	80	77	61
4.00	101	96	92	95	92	88	86	83	81	62
5.00	103	99	95	97	94	91	87	84	82	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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

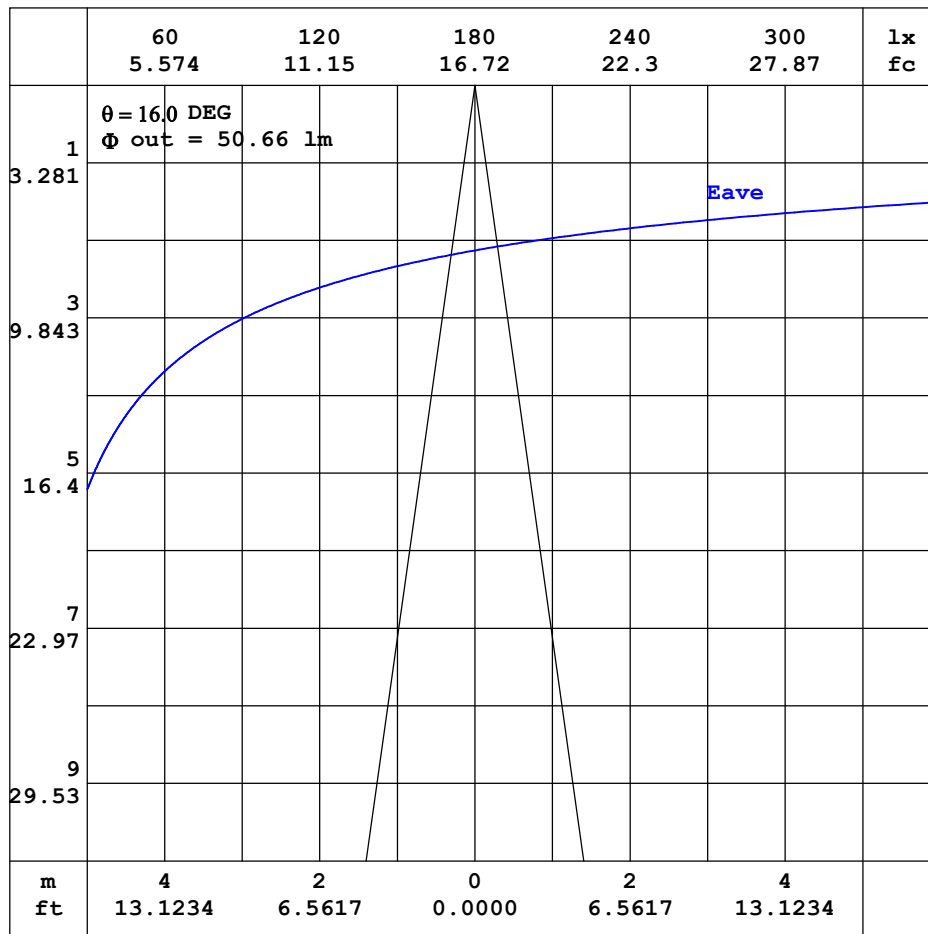


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



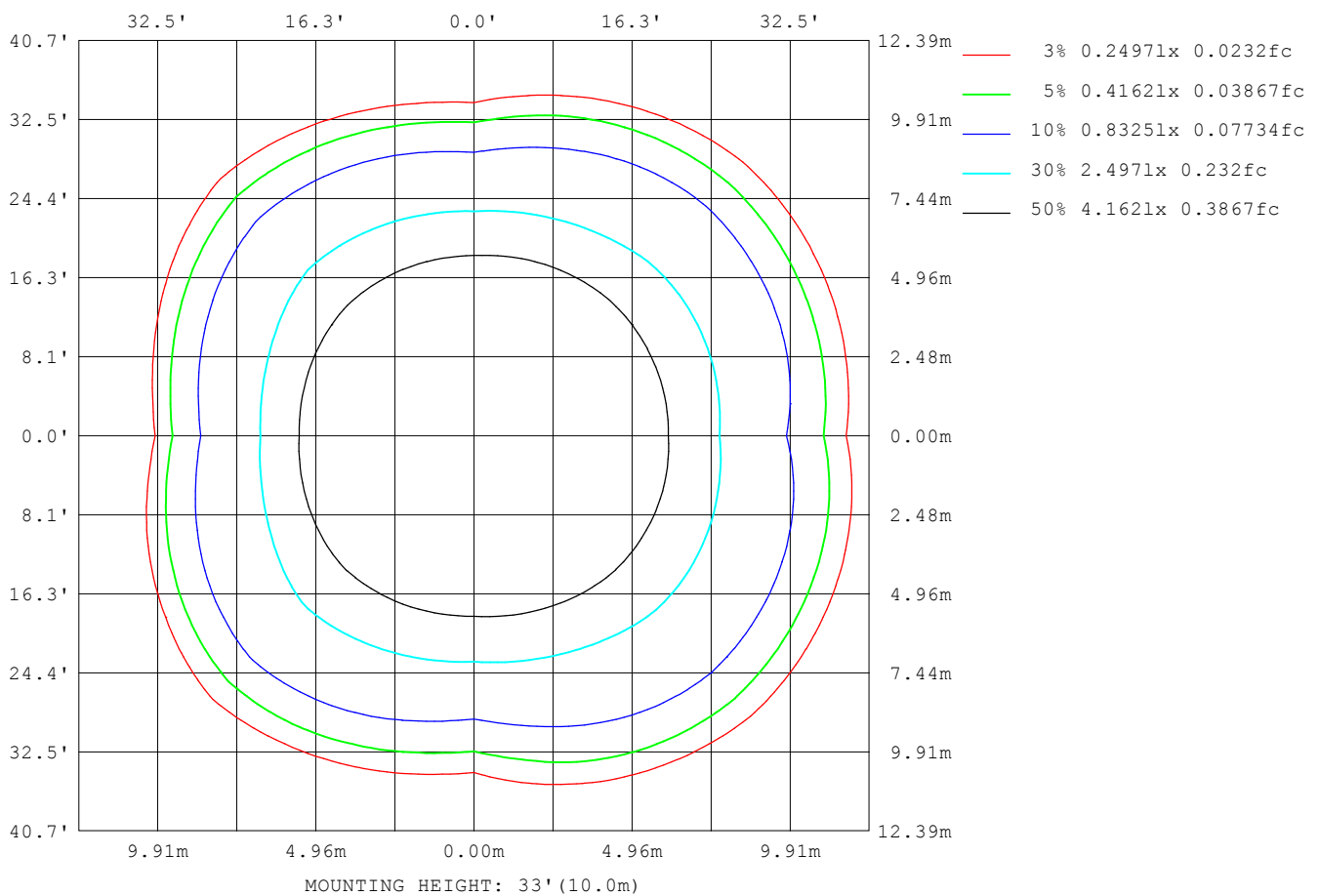
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 lm		
NAME: 1FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

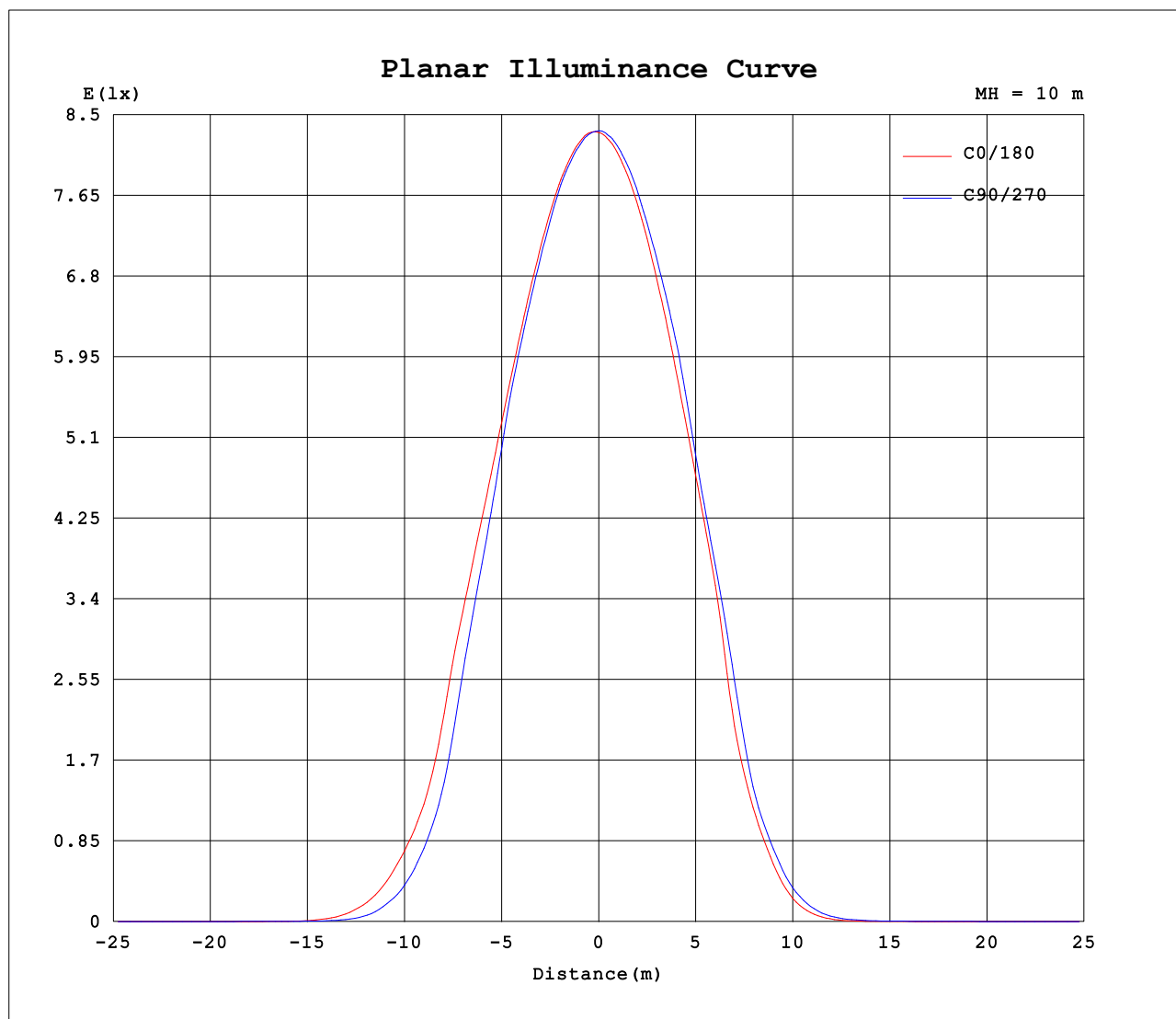
AvgL	cd/m2
L_0~180 (65) av	302
L_0~180 (75) av	284
L_0~180 (85) av	445
L_90~270 (65) av	488
L_90~270 (75) av	470
L_90~270 (85) av	674
L_45 (65) av	418
L_45 (75) av	417
L_45 (85) av	727

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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 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	831	831	832	832	832	832	832	832	832	832	832	832	833	833	833	833	833	833	833
5	834	834	834	834	834	834	833	833	833	833	833	833	832	832	832	831	831	831	831
10	828	828	828	828	828	828	828	828	827	827	827	826	826	826	825	825	824	823	823
15	815	816	816	816	816	816	816	816	815	815	814	813	811	810	809	808	806	805	804
20	791	791	792	792	792	792	792	792	791	790	789	788	786	784	783	781	779	777	775
25	752	752	753	753	753	753	753	752	751	750	748	745	743	740	737	735	732	729	727
30	690	694	696	698	699	699	699	697	695	691	684	676	668	659	651	642	635	628	622
35	594	601	607	611	614	614	614	611	607	602	588	574	559	543	528	513	499	487	476
40	383	408	428	445	459	468	474	476	474	469	447	423	396	369	342	315	291	269	250
45	211	237	259	278	292	303	311	314	314	310	292	270	246	222	196	172	148	127	109
50	77.6	90.1	101	110	117	122	125	127	127	125	116	105	93.8	81.7	69.4	57.3	45.9	35.5	26.6
55	13.2	19.8	25.5	30.5	34.6	37.8	40.3	41.9	42.6	42.6	39.4	35.5	31.1	26.5	21.7	16.9	12.4	8.25	4.65
60	2.42	4.39	6.14	7.66	8.95	10.0	10.9	11.5	11.8	12.0	11.4	10.6	9.60	8.54	7.42	6.28	5.16	4.11	3.16
65	1.90	1.94	1.97	2.01	2.05	2.08	2.12	2.15	2.18	2.21	2.25	2.29	2.32	2.35	2.38	2.40	2.42	2.44	2.44
70	1.49	1.51	1.53	1.55	1.57	1.59	1.61	1.63	1.66	1.68	1.71	1.74	1.77	1.80	1.83	1.85	1.87	1.88	1.89
75	1.16	1.18	1.20	1.23	1.25	1.27	1.29	1.30	1.32	1.33	1.35	1.36	1.37	1.38	1.39	1.40	1.40	1.40	1.40
80	0.87	0.90	0.93	0.96	0.98	1.00	1.01	1.03	1.04	1.05	1.05	1.04	1.04	1.03	1.02	1.01	1.00	0.99	0.98
85	0.65	0.68	0.70	0.73	0.75	0.77	0.78	0.79	0.80	0.80	0.79	0.78	0.76	0.75	0.73	0.71	0.70	0.68	0.67
90	12.6	12.3	12.0	11.6	11.1	10.6	10.1	9.54	8.92	8.25	7.32	6.35	5.38	4.41	3.46	2.54	1.69	0.90	0.21
95	38.1	38.9	39.4	39.5	39.3	38.7	37.8	36.6	35.1	33.2	29.6	25.8	21.9	17.9	14.0	10.3	6.88	3.84	1.28
100	76.0	75.5	74.6	73.3	71.7	69.8	67.4	64.7	61.6	58.2	52.3	46.2	40.0	34.0	28.2	22.8	18.0	13.9	10.6
105	96.6	95.7	94.4	92.7	90.7	88.2	85.3	82.1	78.5	74.5	67.7	60.7	53.6	46.8	40.2	34.1	28.8	24.2	20.7
110	116	116	114	112	110	107	104	101	96.7	92.2	84.6	76.7	68.8	61.0	53.5	46.7	40.6	35.5	31.5
115	138	137	135	133	130	127	123	119	114	109	101	91.9	83.1	74.5	66.4	58.9	52.2	46.7	42.4
120	157	155	153	150	147	143	139	135	130	124	115	106	96.4	87.3	78.6	70.7	63.6	57.8	53.4
125	175	173	170	167	163	159	154	149	143	137	128	118	108	99.0	90.1	81.9	74.7	68.8	64.4
130	191	187	183	179	175	170	165	159	153	147	137	127	118	109	99.9	92.0	85.1	79.5	75.3
135	201	196	192	187	181	176	170	165	159	152	143	134	125	116	108	101	94.8	89.8	86.1
140	204	199	194	188	183	178	172	167	161	155	147	139	131	123	116	109	104	99.8	96.7
145	199	194	190	185	180	175	171	166	161	156	148	142	135	128	122	117	113	109	107
150	189	185	182	178	174	170	167	163	159	155	149	143	138	133	128	124	121	118	116
155	177	175	172	170	167	164	161	159	156	153	149	145	141	137	133	130	128	126	124
160	166	165	163	161	160	158	156	154	152	150	148	145	142	140	137	135	133	132	131
165	157	156	155	154	153	152	151	150	149	148	147	145	143	142	141	139	138	137	137
170	150	149	149	149	149	148	148	147	147	146	146	145	144	143	143	142	142	141	141
175	146	146	146	146	146	146	146	146	146	145	145	145	145	144	144	144	144	144	143
180	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144

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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 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	833	833	834	834	834	834	834	834	834	833	833	833	833	832	832	832	832	831	831
5	830	830	830	830	830	829	829	829	829	828	827	827	826	825	824	824	823	823	823
10	822	822	821	821	820	820	819	818	818	816	815	814	812	811	810	809	808	807	806
15	803	802	802	801	801	800	799	798	798	796	794	792	790	788	786	784	783	782	781
20	774	773	772	770	769	768	767	765	764	761	758	756	753	751	748	746	744	742	742
25	726	725	724	723	722	720	719	718	716	712	708	703	699	695	691	687	684	682	682
30	623	626	629	632	636	640	643	646	648	642	636	629	622	614	607	600	595	590	592
35	482	490	498	508	517	526	534	540	543	526	507	486	465	444	424	405	389	375	385
40	262	277	295	315	335	355	373	389	402	385	364	341	316	291	267	244	223	206	218
45	116	127	139	153	168	183	197	209	219	206	190	173	154	135	117	98.9	83.1	69.7	76.9
50	29.9	34.7	40.6	47.3	54.3	61.4	68.1	74.0	78.9	72.9	65.8	57.9	49.4	40.9	32.5	24.6	17.6	11.7	15.7
55	6.02	7.98	10.4	13.1	16.0	18.9	21.6	24.1	26.2	24.2	21.7	19.0	16.0	13.0	9.99	7.16	4.61	2.46	3.85
60	3.26	3.48	3.80	4.19	4.61	5.05	5.48	5.87	6.20	5.81	5.35	4.84	4.30	3.76	3.22	2.71	2.26	1.88	2.07
65	2.44	2.42	2.40	2.38	2.34	2.30	2.26	2.21	2.15	2.06	1.95	1.85	1.75	1.66	1.58	1.51	1.46	1.42	1.49
70	1.89	1.88	1.86	1.84	1.82	1.79	1.75	1.71	1.67	1.58	1.50	1.41	1.33	1.26	1.19	1.13	1.08	1.06	1.11
75	1.40	1.40	1.39	1.38	1.36	1.34	1.32	1.29	1.26	1.20	1.13	1.06	0.99	0.92	0.87	0.82	0.78	0.75	0.80
80	0.98	0.98	0.98	0.98	0.97	0.97	0.96	0.94	0.93	0.88	0.82	0.77	0.71	0.66	0.61	0.57	0.54	0.52	0.56
85	0.68	0.69	0.70	0.72	0.73	0.74	0.74	0.75	0.74	0.70	0.65	0.60	0.55	0.51	0.46	0.42	0.39	0.36	0.39
90	0.25	0.30	0.36	0.42	0.48	0.54	0.59	0.64	0.70	0.67	0.62	0.57	0.51	0.46	0.40	0.35	0.30	0.27	0.31
95	1.98	3.16	4.74	6.61	8.68	10.8	13.0	15.1	16.9	16.4	15.6	14.6	13.5	12.4	11.3	10.3	9.42	8.76	10.2
100	12.9	16.0	19.8	24.0	28.6	33.3	37.9	42.3	46.3	45.8	44.9	43.5	41.9	40.1	38.3	36.5	34.9	33.5	35.5
105	23.2	26.7	31.1	36.1	41.7	47.5	53.5	59.4	65.1	67.7	69.9	71.8	73.3	74.4	75.3	75.8	76.1	76.1	76.5
110	34.2	38.1	43.0	48.6	54.9	61.5	68.3	75.2	81.8	85.5	88.9	91.8	94.3	96.5	98.2	99.4	100	101	101
115	45.6	50.2	55.8	62.2	69.3	76.8	84.5	92.2	99.6	103	107	110	112	114	116	117	118	118	118
120	56.9	61.8	67.9	75.0	82.7	90.8	99.2	107	116	120	124	127	130	132	134	135	136	136	136
125	68.1	73.3	79.7	87.1	95.2	104	113	122	130	135	140	143	147	150	152	154	155	155	155
130	79.1	84.4	90.8	98.3	106	115	124	133	142	147	152	157	161	164	167	169	170	171	170
135	89.7	94.6	101	108	116	124	133	141	150	156	161	166	171	175	178	181	183	184	183
140	99.8	104	110	116	123	130	138	146	154	160	166	172	177	182	186	189	191	192	191
145	109	113	118	123	129	135	142	149	156	162	168	173	178	183	187	190	193	194	192
150	118	121	125	129	134	139	144	150	156	161	166	171	175	179	183	186	188	189	187
155	126	128	131	134	138	142	146	150	154	158	162	166	169	172	175	177	179	180	178
160	132	134	136	138	141	143	146	149	152	155	158	160	163	165	167	168	169	170	169
165	138	139	140	141	143	145	146	148	150	152	153	155	156	157	158	159	160	160	159
170	141	142	143	143	144	145	146	147	148	149	150	150	151	151	152	152	152	153	152
175	144	144	144	145	145	145	146	146	146	147	147	147	147	147	147	147	147	147	147
180	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144

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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 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	831	831	832	832	832	832	832	832	832	832	833	833	833	833	833	833	833	833	833
5	823	823	823	823	824	824	825	825	825	826	826	827	827	828	828	829	829	830	830
10	806	807	807	807	808	808	809	810	811	812	813	814	815	816	817	819	820	820	821
15	781	782	782	783	783	784	785	787	788	790	792	793	795	797	798	800	802	802	803
20	742	743	744	745	746	748	750	752	754	757	760	763	765	768	771	773	776	777	777
25	683	685	687	690	692	695	698	701	703	705	706	708	710	711	713	715	717	719	722
30	595	599	603	608	613	619	624	628	627	626	625	623	621	620	619	618	619	624	630
35	397	412	429	447	466	483	500	516	513	508	501	494	487	479	472	466	462	471	481
40	234	253	273	294	315	335	353	369	358	345	330	313	297	281	266	254	245	261	281
45	86.6	98.3	111	125	139	153	165	176	169	160	150	140	130	120	112	105	101	116	134
50	20.9	27.0	33.8	40.8	47.8	54.5	60.7	65.9	62.0	57.2	51.7	46.0	40.3	34.9	30.0	26.1	23.3	30.1	38.0
55	5.65	7.77	10.1	12.5	14.9	17.3	19.3	21.1	19.6	17.8	15.7	13.6	11.5	9.47	7.71	6.29	5.32	8.18	11.5
60	2.35	2.68	3.06	3.46	3.87	4.28	4.67	5.02	4.88	4.70	4.51	4.30	4.11	3.94	3.81	3.74	3.74	4.43	5.17
65	1.58	1.68	1.79	1.91	2.04	2.17	2.30	2.43	2.52	2.60	2.67	2.74	2.79	2.84	2.87	2.90	2.91	2.89	2.85
70	1.18	1.27	1.36	1.47	1.57	1.68	1.79	1.90	1.98	2.04	2.10	2.16	2.21	2.25	2.28	2.30	2.31	2.30	2.27
75	0.86	0.93	1.01	1.09	1.18	1.27	1.36	1.45	1.50	1.55	1.60	1.64	1.68	1.71	1.73	1.75	1.76	1.76	1.75
80	0.60	0.66	0.72	0.79	0.86	0.93	1.00	1.07	1.10	1.14	1.17	1.19	1.22	1.24	1.25	1.26	1.27	1.28	1.29
85	0.43	0.48	0.53	0.59	0.64	0.70	0.76	0.81	0.83	0.84	0.85	0.85	0.86	0.86	0.86	0.86	0.86	0.87	0.89
90	0.36	0.42	0.48	0.54	0.60	0.66	0.72	0.77	0.67	0.65	0.62	0.59	0.56	0.53	0.50	0.47	0.45	1.09	1.81
95	11.9	13.7	15.5	17.3	19.0	20.4	21.6	22.4	20.3	17.8	15.0	12.2	9.44	6.77	4.34	2.26	0.64	2.17	4.20
100	37.8	40.2	42.6	44.9	47.0	48.7	50.0	50.6	46.7	42.2	37.4	32.3	27.3	22.4	17.9	13.8	10.5	11.5	13.3
105	76.5	76.3	75.8	74.9	73.6	72.0	69.9	67.4	61.9	56.1	50.1	44.2	38.4	33.0	28.2	24.0	20.7	22.1	24.3
110	100	99.1	97.7	95.8	93.5	90.8	87.6	84.0	77.4	70.6	63.7	56.9	50.4	44.5	39.2	34.8	31.5	34.0	37.6
115	118	117	115	113	111	108	105	101	93.8	86.0	78.2	70.5	63.2	56.5	50.6	45.8	42.2	45.8	50.7
120	135	134	133	130	128	124	121	116	108	99.9	91.5	83.2	75.3	68.1	61.8	56.7	52.9	57.0	62.6
125	154	152	150	147	143	139	135	130	121	113	104	95.1	87.0	79.5	73.0	67.7	63.9	68.0	73.5
130	168	166	163	160	156	151	146	140	132	123	114	105	97.4	90.1	83.7	78.5	74.7	78.4	83.5
135	180	178	174	170	165	160	154	148	140	131	123	114	107	99.9	93.8	89.0	85.4	88.6	93.1
140	188	184	180	175	170	164	158	151	144	136	128	121	114	108	103	99.0	96.0	98.6	102
145	189	186	181	176	171	165	159	152	146	139	133	127	121	116	112	109	106	108	111
150	185	181	177	173	168	163	157	152	147	141	136	131	127	123	120	117	115	117	119
155	176	174	170	167	163	159	155	151	147	143	139	135	132	129	127	125	124	125	126
160	167	165	163	160	158	155	152	149	146	144	141	139	136	135	133	132	131	131	132
165	158	157	156	154	153	151	149	147	146	144	143	141	140	139	138	137	136	137	137
170	152	151	150	149	149	148	147	146	145	144	144	143	142	142	141	141	141	141	141
175	147	147	147	146	146	146	146	145	145	145	144	144	144	144	144	143	143	143	143
180	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144

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:0.1270A P:15.10W PF:0.9900 Freq:60.00Hz Lamp Flux:1744.27x1 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	834	834	834	834	834	834	834	834	833	833	833	833	832	832	832				
5	831	831	831	832	832	832	832	833	833	833	833	833	833	834	834				
10	821	822	822	823	823	823	824	824	825	825	825	826	826	827	827				
15	804	804	805	805	806	807	807	808	809	809	810	811	812	813	814				
20	778	778	779	779	779	780	780	781	782	783	784	785	786	788	789				
25	724	727	730	732	735	737	739	741	743	744	746	747	749	750	751				
30	636	643	650	657	664	670	677	680	684	686	688	690	691	691	691				
35	493	506	520	534	548	561	574	581	586	591	594	596	597	597	596				
40	303	326	350	375	398	420	440	446	449	449	446	439	430	417	402				
45	153	174	195	215	235	253	270	274	276	275	272	265	256	244	229				
50	46.8	56.2	65.9	75.5	84.8	93.4	101	104	105	105	103	101	96.7	91.6	85.2				
55	15.1	18.8	22.6	26.2	29.7	32.7	35.3	35.4	34.9	33.7	31.9	29.4	26.3	22.6	18.2				
60	5.95	6.74	7.50	8.21	8.84	9.36	9.75	9.59	9.27	8.79	8.14	7.32	6.34	5.20	3.89				
65	2.80	2.75	2.68	2.62	2.55	2.47	2.40	2.34	2.28	2.23	2.17	2.12	2.06	2.01	1.95				
70	2.24	2.20	2.16	2.11	2.06	2.00	1.94	1.90	1.85	1.80	1.75	1.70	1.65	1.60	1.55				
75	1.74	1.72	1.70	1.67	1.64	1.61	1.57	1.53	1.49	1.45	1.41	1.37	1.32	1.27	1.21				
80	1.29	1.29	1.29	1.28	1.27	1.26	1.24	1.21	1.18	1.15	1.12	1.07	1.03	0.98	0.93				
85	0.90	0.92	0.93	0.94	0.94	0.95	0.94	0.93	0.91	0.89	0.86	0.83	0.79	0.75	0.70				
90	2.60	3.45	4.33	5.23	6.15	7.05	7.94	8.60	9.23	9.81	10.4	10.9	11.4	11.8	12.2				
95	6.65	9.42	12.5	15.7	19.0	22.3	25.5	27.5	29.4	31.1	32.6	34.0	35.3	36.4	37.3				
100	15.8	18.9	22.5	26.5	30.8	35.4	40.2	43.9	47.6	51.5	55.4	59.3	63.4	67.5	71.7				
105	27.4	31.2	35.6	40.4	45.6	51.1	56.7	61.0	65.3	69.6	74.0	78.4	82.9	87.4	92.0				
110	42.1	47.4	53.4	59.8	66.5	73.4	80.3	85.0	89.4	93.8	97.9	102	106	109	113				
115	56.7	63.6	71.1	79.2	87.4	95.8	104	109	114	118	123	126	130	133	136				
120	69.3	77.0	85.4	94.3	103	113	122	127	132	137	141	145	149	152	155				
125	80.2	88.0	96.5	106	115	124	134	140	146	151	156	160	165	169	172				
130	89.9	97.2	105	114	123	133	142	148	154	160	166	171	177	182	186				
135	98.9	106	113	121	130	139	148	154	160	166	172	178	184	190	195				
140	107	113	119	126	134	142	150	156	162	168	174	180	186	192	198				
145	115	120	125	131	137	144	150	155	161	166	171	177	182	188	193				
150	122	126	130	134	139	144	149	153	158	162	166	171	175	180	184				
155	128	131	134	137	141	144	148	151	154	157	161	164	167	170	174				
160	134	135	137	139	142	144	147	149	151	153	155	157	159	162	164				
165	138	139	140	141	143	144	146	147	148	149	150	151	153	154	155				
170	141	142	142	143	143	144	145	145	146	146	147	147	148	149	149				
175	144	144	144	144	144	144	145	145	145	145	145	145	146	146	146				
180	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144				

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: