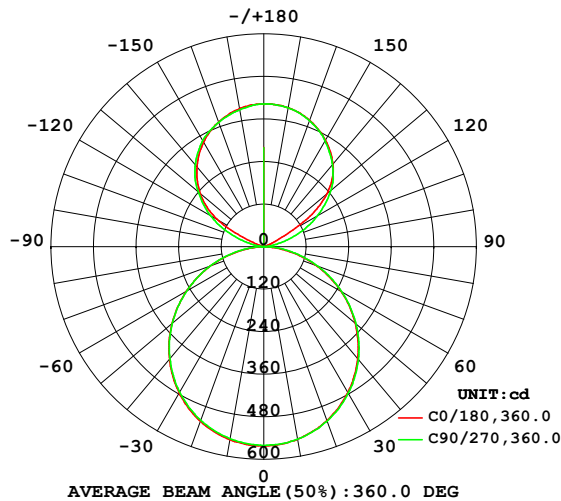


LUMINAIRE PHOTOMETRIC TEST REPORT

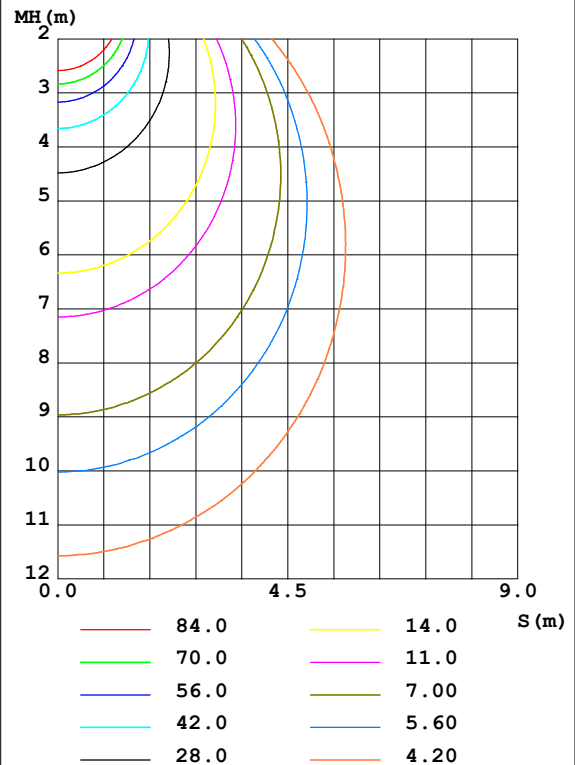
Test:U:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.77 lm/W			
MODEL		I _{max} (cd)	562.3	S/MH(C0/180)	1.26
NOMINAL POWER(W)	25W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2665.5	η UP,DN(C0-180)	19.5,30.8
NOMINAL FLUX(lm)	2665.52	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	19.6,30.1
LAMPS INSIDE	1	η up(%)	39.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	60.9	CIBSE SHR MAX	1.35

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:

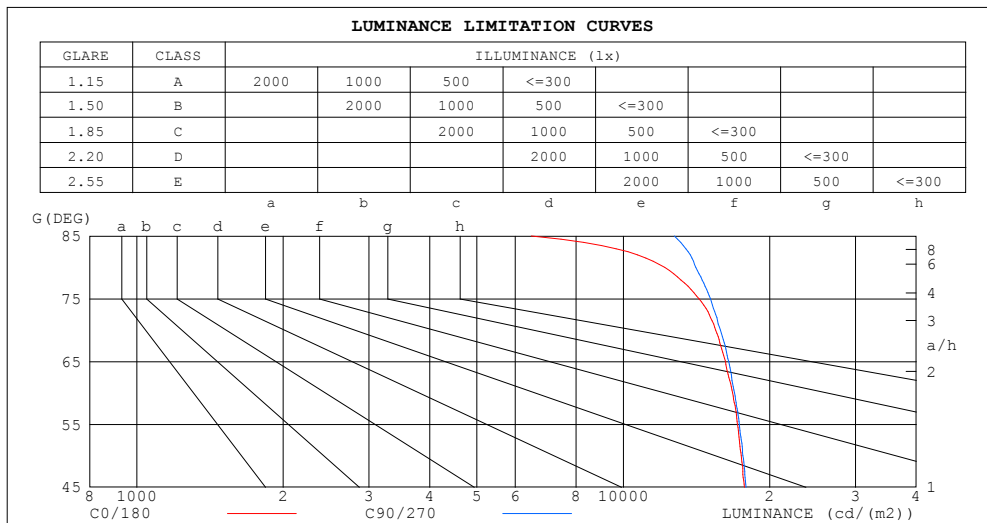
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	551.1	550.6	550.9	552.6	552.5	551.2	549.9	546.3	0- 10	53.04	53.04	1.99,1.99
20	522.1	522.3	523.4	526.8	524.2	523.3	521.0	514.9	10- 20	152.0	205.1	7.69,7.69
30	474.9	476.7	477.1	483.2	477.6	476.4	474.3	465.6	20- 30	230.8	435.9	16.4,16.4
40	412.4	414.2	415.7	422.5	413.8	414.5	412.4	401.2	30- 40	279.0	714.9	26.8,26.8
50	336.9	338.3	339.8	348.6	338.2	339.2	336.9	324.3	40- 50	290.6	1006	37.7,37.7
60	251.6	250.0	254.0	263.4	252.4	253.0	252.1	237.8	50- 60	264.0	1270	47.6,47.6
70	158.9	157.7	162.6	172.2	160.5	162.3	161.3	147.0	60- 70	203.8	1473	55.3,55.3
80	63.38	66.80	73.46	80.68	64.53	72.13	71.86	57.76	70- 80	120.1	1593	59.8,59.8
90	0.6907	1.715	1.792	1.702	0.3410	1.178	1.370	1.538	80- 90	30.34	1624	60.9,60.9
100	1.496	2.166	28.17	3.443	1.314	2.470	22.17	1.682	90-100	3.354	1627	61,61
110	9.427	33.93	97.37	77.53	18.10	79.65	91.21	41.64	100-110	26.75	1654	62,62
120	95.12	158.9	175.1	168.2	147.0	171.6	172.7	161.0	110-120	105.5	1759	66,66
130	232.9	238.4	247.4	238.2	234.6	244.1	241.2	243.9	120-130	180.5	1940	72.8,72.8
140	303.7	296.0	301.8	298.2	293.1	301.2	301.2	301.7	130-140	209.5	2149	80.6,80.6
150	347.8	343.2	345.5	344.1	340.6	342.7	345.1	343.8	140-150	202.2	2352	88.2,88.2
160	378.9	376.7	377.7	378.1	373.9	372.8	373.1	374.3	150-160	166.5	2518	94.5,94.5
170	397.7	395.9	397.4	396.7	395.5	393.3	391.9	394.2	160-170	109.3	2627	98.6,98.6
180	401.3	401.3	401.3	401.3	401.3	401.3	401.3	401.3	170-180	38.08	2666	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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6465	12726
80	12166	14101
75	14312	15105
70	15489	15843
65	16217	16469
60	16772	16933
55	17171	17322
50	17469	17623
45	17739	17866

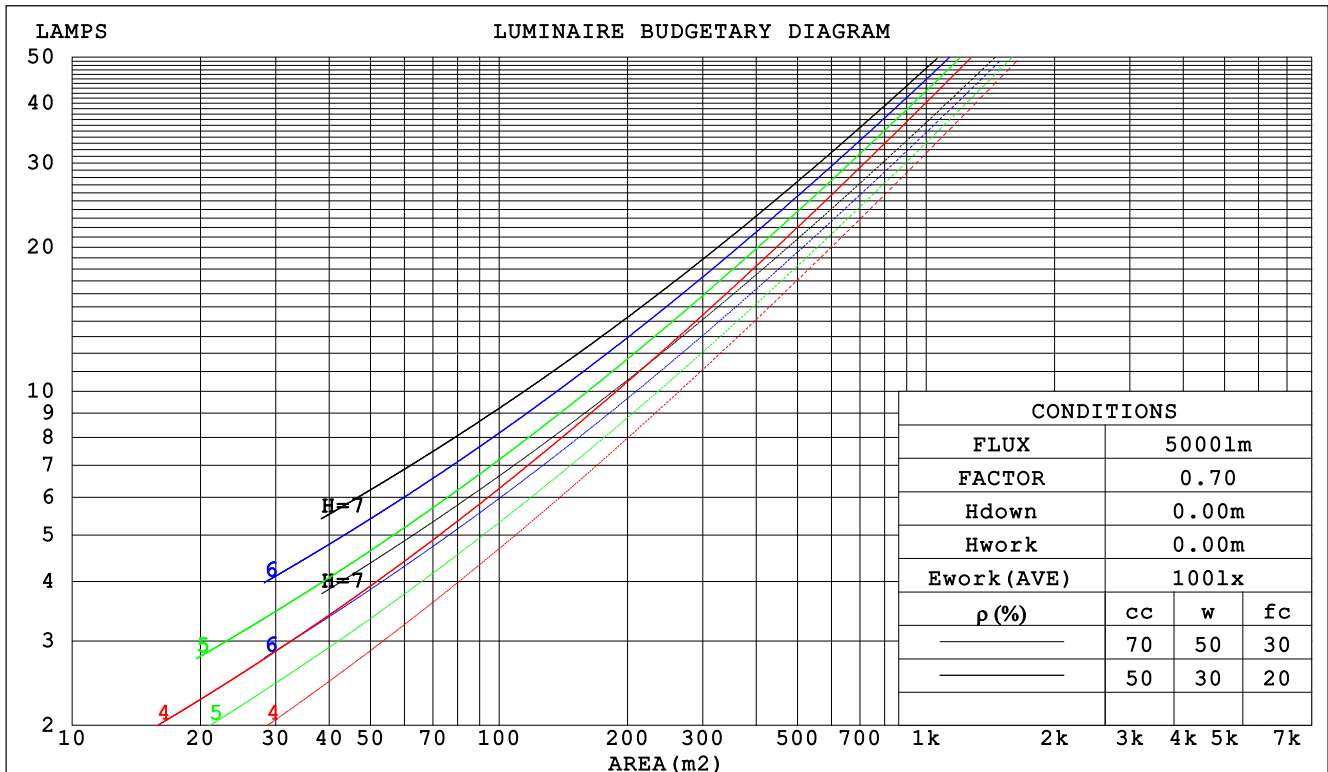
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	1.10	1.10	1.10	1.03	1.03	1.03	.89	.89	.89	.77	.77	.77	.66	.66	.66	.61
1.0	.95	.91	.88	.89	.86	.83	.78	.75	.73	.68	.66	.64	.58	.57	.55	.51
2.0	.83	.77	.71	.78	.72	.67	.68	.64	.60	.59	.56	.53	.51	.48	.46	.42
3.0	.73	.65	.59	.68	.62	.56	.60	.55	.50	.52	.48	.45	.45	.42	.39	.35
4.0	.64	.56	.50	.60	.53	.47	.53	.47	.43	.46	.42	.38	.40	.36	.33	.30
5.0	.57	.49	.43	.54	.46	.41	.47	.41	.37	.41	.37	.33	.36	.32	.29	.26
6.0	.51	.43	.37	.48	.41	.35	.43	.36	.32	.37	.32	.29	.32	.28	.25	.23
7.0	.46	.38	.32	.44	.36	.31	.39	.33	.28	.34	.29	.25	.30	.26	.23	.20
8.0	.42	.34	.29	.40	.32	.27	.35	.29	.25	.31	.26	.22	.27	.23	.20	.18
9.0	.38	.31	.25	.36	.29	.24	.32	.26	.22	.29	.24	.20	.25	.21	.18	.16
10.0	.35	.28	.23	.33	.27	.22	.30	.24	.20	.26	.22	.18	.23	.19	.16	.14



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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm					
NAME: 2FT			TYPE:3500K 3.7		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:0.6*0.05		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	.291	.165	.052	.272	.155	.049	.237	.136	.043	.204	.118	.038	.174	.101	.033		
2.0	.272	.149	.046	.254	.140	.043	.222	.124	.038	.193	.108	.034	.166	.094	.030		
3.0	.251	.134	.040	.235	.126	.038	.206	.112	.034	.179	.098	.030	.154	.085	.026		
4.0	.232	.120	.035	.218	.114	.034	.191	.101	.030	.166	.089	.027	.143	.078	.024		
5.0	.215	.109	.032	.202	.103	.030	.177	.092	.027	.154	.081	.024	.133	.071	.021		
6.0	.199	.100	.029	.187	.095	.027	.165	.084	.025	.143	.075	.022	.124	.065	.019		
7.0	.186	.092	.026	.175	.087	.025	.154	.078	.022	.134	.069	.020	.116	.060	.018		
8.0	.174	.085	.024	.163	.080	.023	.144	.072	.021	.126	.064	.018	.108	.056	.016		
9.0	.163	.079	.022	.153	.075	.021	.135	.067	.019	.118	.059	.017	.102	.052	.015		
10.0	.153	.073	.020	.144	.070	.019	.127	.062	.018	.111	.055	.016	.096	.048	.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	.488	.488	.488	.417	.417	.417	.285	.285	.285	.164	.164	.164	.052	.052	.052	
1.0	.479	.457	.436	.410	.392	.375	.280	.270	.260	.161	.156	.151	.052	.050	.049	
2.0	.472	.434	.403	.404	.374	.348	.277	.259	.243	.160	.150	.142	.051	.049	.046	
3.0	.465	.418	.381	.398	.361	.330	.273	.251	.232	.158	.146	.137	.051	.048	.045	
4.0	.458	.406	.366	.393	.351	.318	.270	.244	.224	.156	.143	.133	.050	.047	.044	
5.0	.451	.396	.356	.387	.343	.310	.267	.239	.219	.155	.141	.130	.050	.046	.043	
6.0	.445	.389	.348	.382	.337	.303	.264	.236	.215	.153	.139	.128	.049	.045	.042	
7.0	.438	.382	.343	.377	.331	.299	.261	.232	.212	.151	.137	.126	.049	.045	.042	
8.0	.433	.377	.339	.372	.327	.295	.258	.230	.210	.150	.135	.125	.048	.044	.041	
9.0	.427	.372	.336	.368	.323	.293	.255	.227	.208	.148	.134	.124	.048	.044	.041	
10.0	.422	.369	.333	.364	.320	.291	.252	.225	.206	.147	.133	.123	.048	.044	.041	

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm										
NAME: 2FT					TYPE:3500K 3.7			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:0.6*0.05			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	20.4	21.4	21.1	22.2	23.1	20.4	21.4	21.1	22.2	23.1
3H	21.8	22.8	22.6	23.5	24.5	21.9	22.8	22.7	23.6	24.6
4H	22.4	23.3	23.2	24.1	25.0	22.5	23.4	23.3	24.2	25.1
6H	22.7	23.6	23.6	24.4	25.4	22.9	23.8	23.7	24.6	25.6
8H	22.8	23.6	23.6	24.4	25.4	23.1	23.9	23.9	24.7	25.7
12H	22.8	23.6	23.6	24.4	25.4	23.2	23.9	24.0	24.7	25.8
4H 2H	20.8	21.7	21.6	22.5	23.5	20.9	21.7	21.6	22.5	23.5
3H	22.4	23.2	23.3	24.0	25.1	22.5	23.3	23.3	24.1	25.1
4H	23.1	23.8	24.0	24.7	25.7	23.2	23.9	24.1	24.8	25.8
6H	23.6	24.2	24.5	25.1	26.1	23.8	24.4	24.7	25.2	26.3
8H	23.7	24.3	24.6	25.1	26.2	24.0	24.5	24.9	25.4	26.5
12H	23.7	24.2	24.6	25.1	26.2	24.1	24.6	25.0	25.5	26.6
8H 4H	23.3	23.8	24.2	24.7	25.8	23.4	23.9	24.3	24.8	25.9
6H	23.9	24.3	24.8	25.2	26.4	24.1	24.5	25.0	25.4	26.6
8H	24.1	24.5	25.0	25.4	26.5	24.3	24.7	25.3	25.7	26.8
12H	24.1	24.5	25.1	25.4	26.6	24.5	24.9	25.5	25.8	27.0
12H 4H	23.3	23.8	24.2	24.7	25.8	23.3	23.8	24.2	24.7	25.9
6H	23.9	24.3	24.8	25.2	26.4	24.1	24.5	25.0	25.4	26.6
8H	24.1	24.4	25.0	25.4	26.6	24.4	24.7	25.3	25.7	26.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 2666 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.4)

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

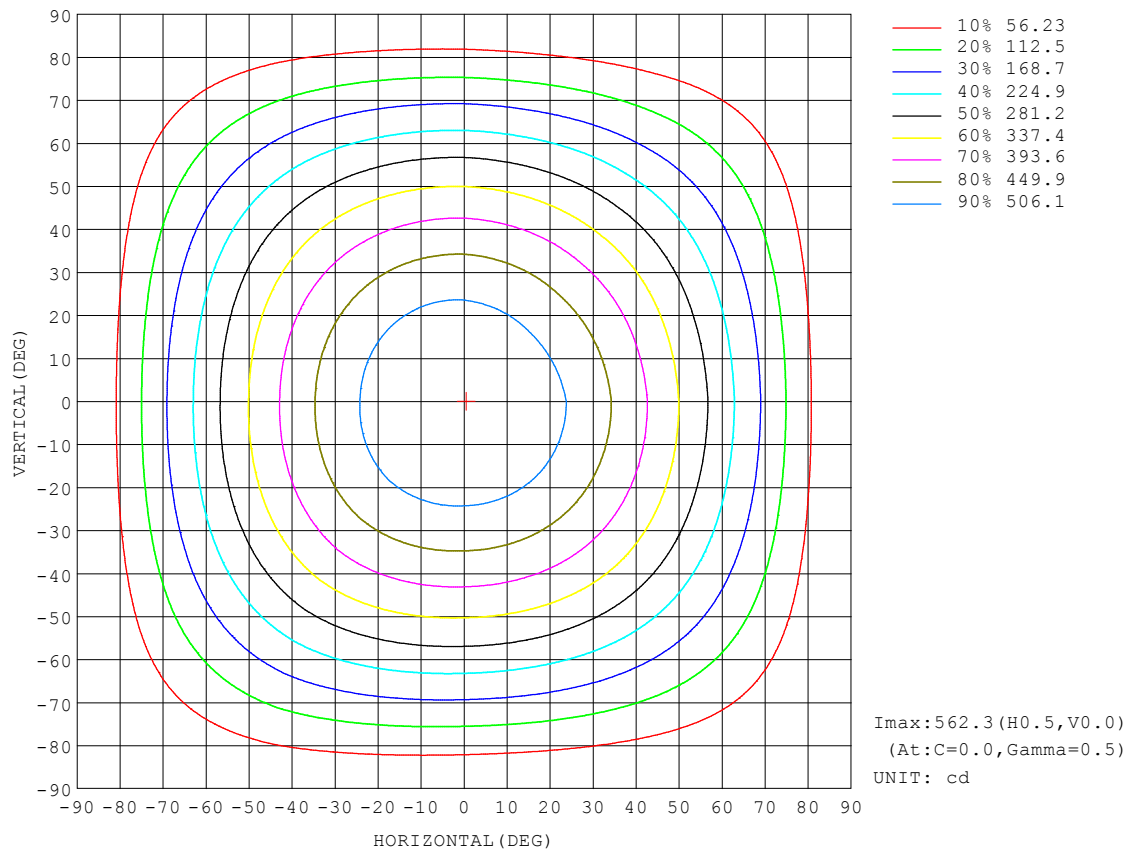
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	36	29	45	35	29	41	32	27	19
0.80	56	45	38	54	43	37	48	40	34	25
1.00	64	53	46	61	51	44	55	48	41	30
1.25	71	61	53	67	58	51	60	53	47	34
1.50	77	66	59	72	63	57	64	57	52	38
2.00	84	74	68	79	71	65	69	63	59	42
2.50	88	80	73	83	75	70	73	67	63	45
3.00	91	84	78	86	79	74	75	71	67	47
4.00	96	89	84	90	84	80	79	75	71	50
5.00	98	93	89	92	88	84	81	77	74	52
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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

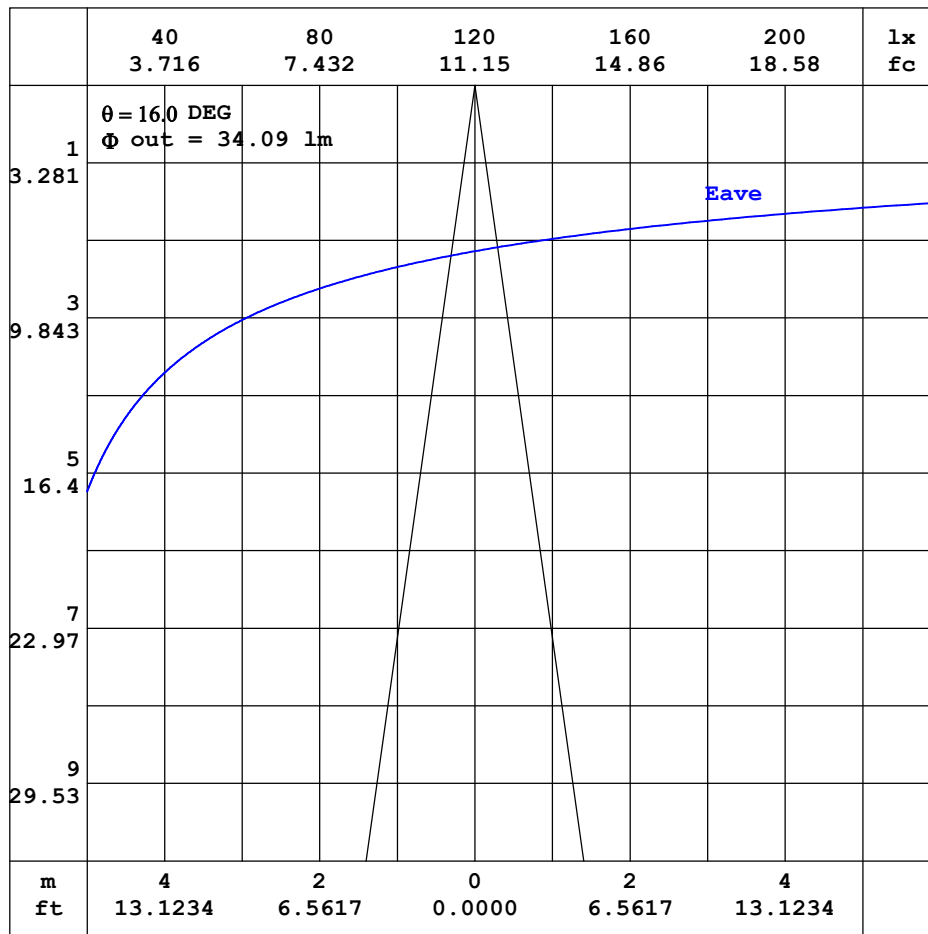


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



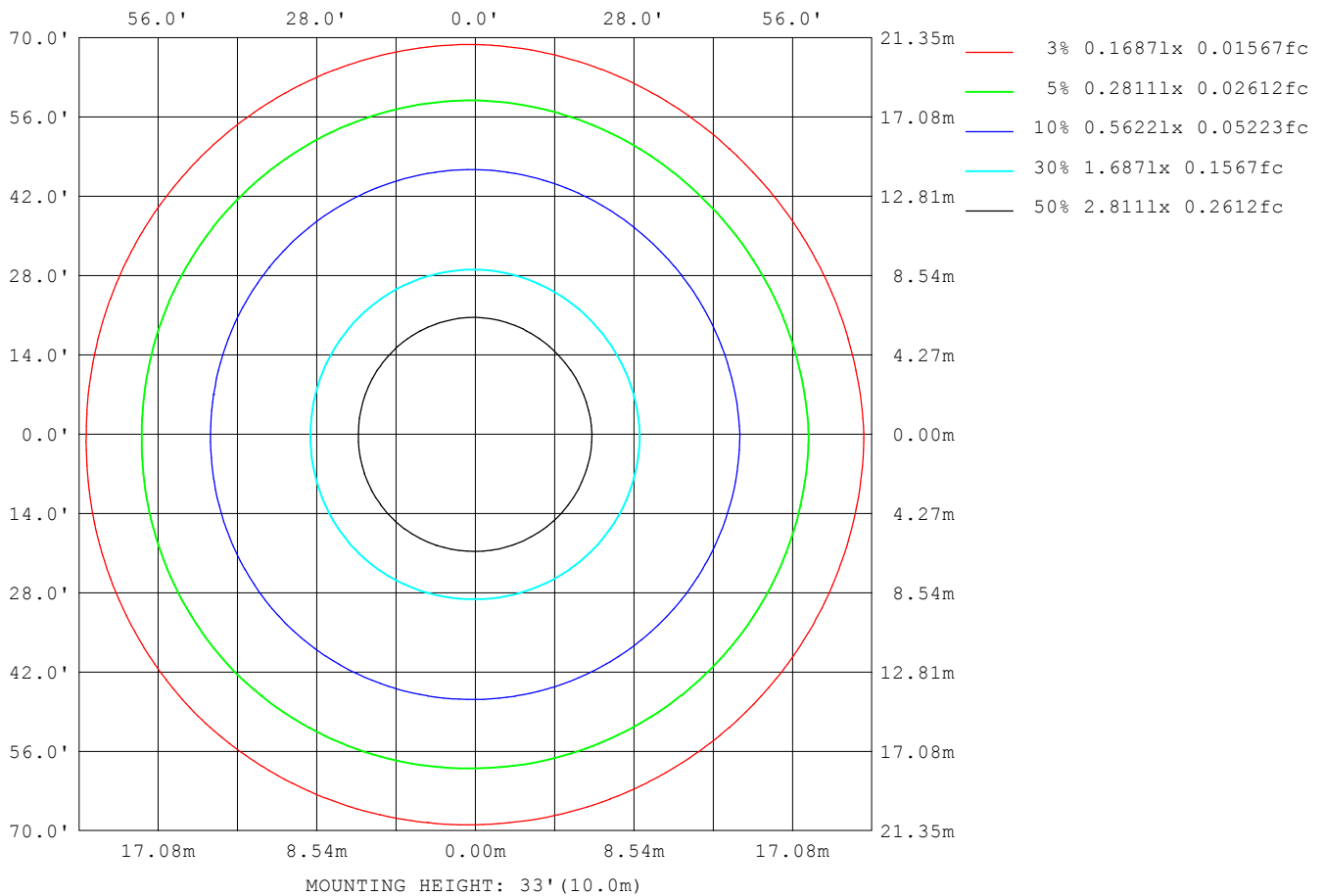
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

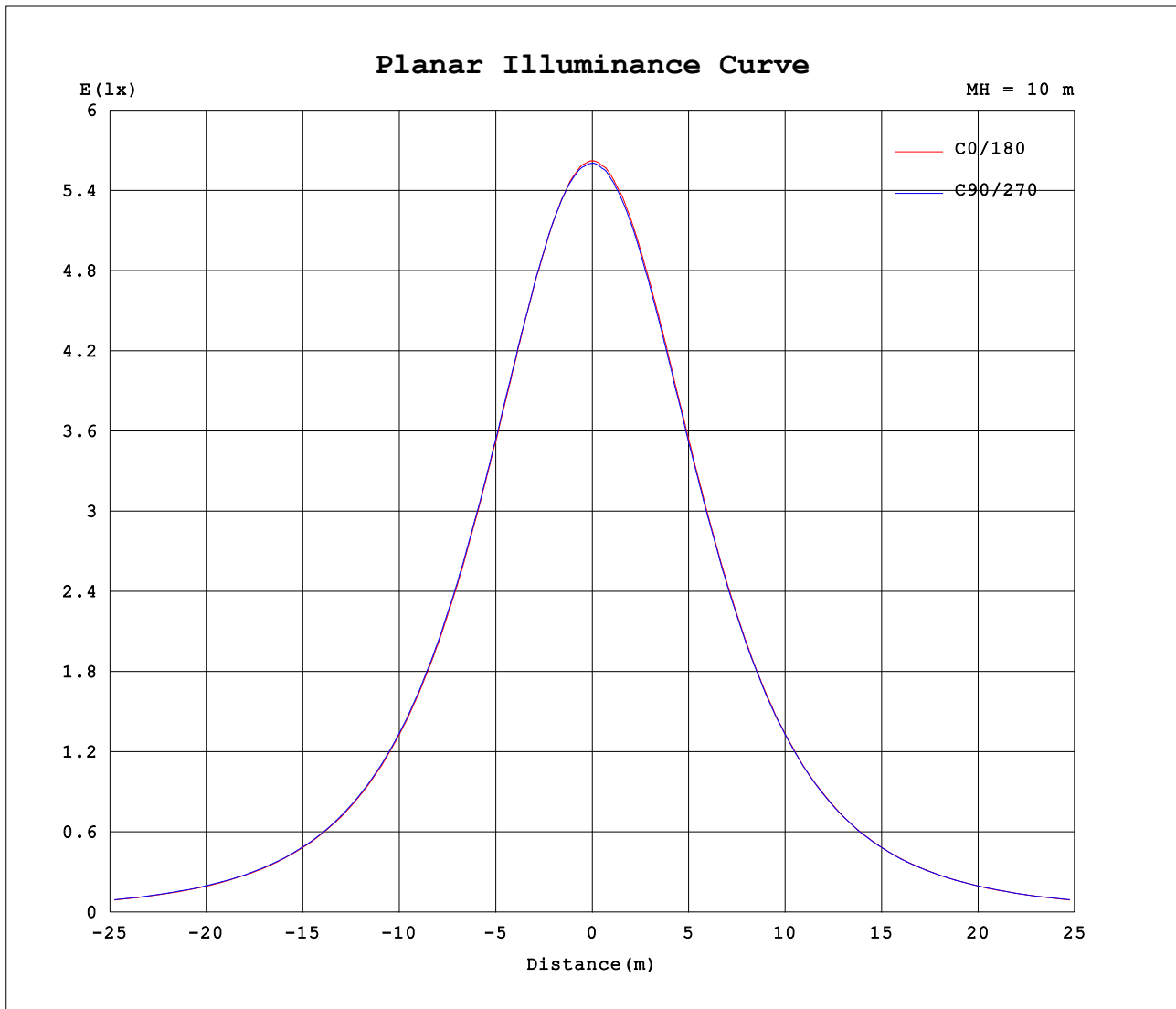
AvgL	cd/m2
L_0~180 (65) av	16248
L_0~180 (75) av	14391
L_0~180 (85) av	6760
L_90~270 (65) av	16403
L_90~270 (75) av	14949
L_90~270 (85) av	12336
L_45 (65) av	16219
L_45 (75) av	14689
L_45 (85) av	9599

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	562	562	562	562	562	561	561	561	561	561	561	561	561	561	561	561	561	561	560
5	559	559	559	559	559	559	559	559	559	559	558	558	558	558	558	558	558	558	558
10	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551
15	539	539	539	538	538	538	538	538	538	539	539	539	539	539	539	539	539	539	540
20	522	522	522	522	522	522	522	522	522	522	522	522	522	523	523	523	523	523	523
25	500	501	501	501	501	501	501	502	502	502	502	502	502	502	502	502	502	503	503
30	475	475	475	476	476	476	476	476	477	477	477	477	477	477	477	477	477	477	477
35	445	445	446	446	446	446	446	446	447	447	447	447	447	447	447	447	448	448	448
40	412	413	413	413	413	413	414	414	414	414	414	414	414	415	415	415	415	415	416
45	376	376	377	377	377	377	377	377	378	378	378	378	378	378	378	378	378	379	379
50	337	337	337	337	338	338	338	338	338	338	338	338	338	339	339	339	339	339	340
55	295	295	295	295	295	295	295	295	295	295	295	295	296	296	296	297	297	298	298
60	252	251	251	250	250	250	250	250	250	250	250	250	251	251	252	252	253	253	254
65	206	205	205	204	204	204	204	203	204	204	204	204	205	205	206	206	207	208	209
70	159	158	158	158	158	158	157	157	158	158	158	158	159	159	160	160	161	162	163
75	111	111	111	111	111	111	111	111	111	112	112	112	113	114	114	115	116	116	117
80	63.4	63.6	63.9	64.2	64.5	64.9	65.3	65.8	66.3	66.8	67.4	68.1	68.8	69.5	70.3	71.0	71.8	72.6	73.5
85	16.9	17.4	17.9	18.5	19.1	19.8	20.5	21.3	22.1	23.0	24.1	25.3	26.5	27.8	29.0	30.1	31.2	32.3	33.3
90	0.69	0.85	1.00	1.14	1.26	1.38	1.48	1.57	1.65	1.71	1.76	1.79	1.81	1.82	1.82	1.82	1.82	1.81	1.79
95	0.78	0.64	0.74	0.82	0.88	0.94	0.98	1.00	1.20	1.54	2.24	2.99	3.75	4.51	5.24	5.92	6.53	7.04	7.43
100	1.50	0.64	0.67	0.70	0.72	0.74	0.75	0.75	0.84	2.17	5.20	8.43	11.8	15.1	18.4	21.4	24.1	26.4	28.2
105	2.49	0.71	0.72	0.73	0.74	0.74	0.74	2.19	4.47	7.33	13.2	19.5	26.0	32.5	38.9	44.9	50.4	55.2	59.2
110	9.43	10.2	11.5	13.3	15.5	18.2	21.4	25.1	29.3	33.9	41.3	49.0	56.8	64.6	72.2	79.4	86.2	92.2	97.4
115	35.0	43.9	52.4	60.6	68.4	75.8	82.8	89.4	95.7	102	107	113	118	122	126	130	133	135	137
120	95.1	105	113	122	129	136	143	149	154	159	163	166	168	171	172	174	174	175	175
125	178	182	186	189	192	195	198	200	202	204	206	207	209	210	210	211	211	212	212
130	233	233	234	234	235	235	236	237	238	238	240	241	242	243	244	245	246	247	247
135	274	273	272	271	270	269	269	269	268	269	269	270	271	272	273	275	276	276	277
140	304	302	301	300	299	298	297	297	296	296	296	297	298	298	299	300	301	301	302
145	328	327	326	325	324	324	323	323	322	322	322	322	322	323	323	323	323	324	324
150	348	347	346	346	345	344	344	344	343	343	343	343	344	344	344	345	345	345	345
155	365	364	364	363	362	362	362	361	361	361	361	362	362	362	363	363	363	364	364
160	379	378	378	378	378	377	377	377	377	377	377	377	377	377	377	377	377	378	378
165	391	390	390	389	389	388	388	388	388	388	388	388	388	389	389	389	390	390	390
170	398	397	397	397	397	396	396	396	396	396	396	396	396	397	397	397	397	397	397
175	402	402	401	401	401	401	401	401	401	401	401	401	401	401	401	401	402	402	402
180	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	560	560	560	560	559	559	559	559	559	559	560	560	560	561	561	562	562	562	562
5	558	558	558	558	558	558	558	558	558	558	559	559	559	559	560	560	560	560	560
10	551	551	551	552	552	552	552	552	553	553	553	553	553	553	553	553	553	552	552
15	540	540	541	541	542	542	542	543	543	543	543	542	542	542	542	541	541	541	540
20	524	524	525	525	526	526	526	527	527	527	527	526	526	526	525	525	525	524	524
25	503	504	504	505	505	506	506	506	507	506	506	506	505	505	504	504	503	503	503
30	478	479	479	480	481	482	482	483	483	483	482	482	481	480	480	479	478	478	477
35	449	450	451	452	453	453	454	454	455	454	454	453	452	451	450	449	448	447	447
40	417	417	418	419	420	421	422	422	422	422	421	420	419	418	417	416	415	414	414
45	380	381	382	383	384	385	386	387	387	387	386	385	384	382	381	380	379	378	378
50	341	342	343	344	345	347	347	348	349	348	347	346	345	343	342	341	339	338	338
55	299	300	302	303	304	305	306	307	307	306	305	304	303	302	300	299	298	296	296
60	255	257	258	259	260	261	262	263	263	263	262	260	259	258	256	255	254	252	252
65	210	211	213	214	215	216	217	218	218	217	216	215	214	212	211	209	208	206	206
70	164	165	167	168	169	170	171	172	172	171	170	169	168	166	165	163	162	160	160
75	119	120	121	122	123	124	125	125	126	125	123	122	120	118	117	115	114	112	112
80	74.7	75.9	77.0	78.0	78.9	79.7	80.3	80.6	80.7	79.2	77.4	75.6	73.6	71.6	69.6	67.7	66.0	64.5	64.8
85	34.1	34.9	35.5	36.0	36.3	36.4	36.4	36.1	35.6	33.8	31.9	29.8	27.7	25.5	23.5	21.6	19.9	18.4	18.8
90	1.81	1.83	1.84	1.84	1.83	1.82	1.79	1.76	1.70	1.55	1.39	1.22	1.05	0.88	0.72	0.58	0.45	0.34	0.38
95	7.08	6.61	6.05	5.40	4.70	3.97	3.22	2.48	1.77	1.45	1.17	0.94	0.77	0.65	0.52	0.44	0.40	0.39	0.36
100	26.6	24.5	21.9	19.1	16.0	12.8	9.57	6.42	3.44	2.44	1.70	1.18	0.85	0.71	0.70	0.82	1.03	1.31	1.00
105	57.7	55.4	52.3	48.5	44.1	39.4	34.5	29.4	24.4	20.9	17.6	14.5	11.7	9.24	7.07	5.25	3.84	2.85	3.12
110	98.5	98.6	97.9	96.2	93.8	90.7	86.9	82.5	77.5	69.9	62.1	54.2	46.5	39.1	32.4	26.5	21.7	18.1	22.1
115	138	138	138	137	136	134	131	128	125	119	112	105	98.4	92.1	86.2	81.1	76.9	73.8	77.5
120	175	175	175	174	174	173	171	170	168	165	163	160	157	154	152	150	148	147	149
125	211	211	210	209	208	207	206	205	204	203	202	201	200	199	198	198	197	197	198
130	247	246	245	244	243	242	241	239	238	237	237	236	235	235	235	235	235	235	236
135	277	276	275	274	273	272	271	270	269	268	268	267	267	266	266	266	266	266	267
140	302	302	301	301	300	300	299	299	298	297	297	296	295	295	294	294	293	293	294
145	324	324	324	324	324	324	324	324	324	323	322	322	321	320	320	319	319	318	319
150	345	345	345	345	345	345	345	344	344	344	343	343	342	342	342	341	341	341	341
155	364	364	364	364	363	363	363	363	362	362	362	361	361	360	360	360	359	359	359
160	378	378	378	378	378	378	378	378	378	378	377	377	376	376	375	375	374	374	374
165	390	390	390	390	390	390	390	389	389	389	389	388	388	388	387	387	386	386	386
170	397	397	397	397	397	397	397	397	397	397	396	396	396	396	396	396	395	395	395
175	402	402	402	402	402	402	402	402	402	402	402	402	402	402	402	402	401	401	401
180	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm		
NAME: 2FT	TYPE:3500K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	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	562	562	562	562	562	561	561	561	561	561	561	561	561	561	561	561	560	560	560
5	560	560	560	559	559	559	559	559	558	558	558	558	558	558	558	558	558	557	557
10	552	552	552	552	552	552	551	551	551	551	551	551	551	550	550	550	550	549	549
15	540	540	540	540	540	540	539	539	539	539	539	539	538	538	538	538	537	537	536
20	524	524	524	524	524	523	523	523	523	523	523	523	522	522	522	521	521	520	519
25	503	503	502	502	502	502	502	502	502	502	502	502	501	501	501	500	500	499	498
30	477	477	477	477	477	477	476	476	476	476	476	476	476	475	475	475	474	473	472
35	447	447	447	447	447	447	447	447	447	447	447	447	447	446	446	446	445	444	442
40	414	414	414	414	414	414	414	415	415	415	414	414	414	414	413	413	412	411	410
45	378	378	378	378	378	378	378	378	379	379	378	378	378	378	378	377	376	375	373
50	338	338	338	338	339	339	339	339	339	339	339	339	339	339	339	338	338	337	334
55	296	296	296	297	297	297	297	298	298	298	298	297	297	297	297	296	295	294	292
60	252	252	252	252	252	253	253	253	253	253	253	253	253	253	253	253	252	250	249
65	206	206	206	207	207	207	208	208	208	209	209	209	209	208	208	208	207	205	204
70	160	160	161	161	161	162	162	162	163	163	163	163	163	163	162	162	161	160	158
75	113	113	114	114	115	115	116	117	117	117	117	117	117	116	116	116	115	113	112
80	65.3	66.0	66.9	67.8	68.9	70.0	71.1	72.1	72.6	73.0	73.2	73.3	73.3	73.2	72.9	72.5	71.9	70.4	68.7
85	19.4	20.2	21.3	22.4	23.7	25.1	26.5	27.8	28.7	29.6	30.3	30.9	31.4	31.7	31.7	31.6	31.2	29.6	27.8
90	0.44	0.52	0.61	0.72	0.83	0.95	1.06	1.18	1.22	1.25	1.28	1.31	1.32	1.34	1.35	1.36	1.37	1.41	1.44
95	0.36	0.38	0.43	0.51	0.62	0.76	0.93	1.13	1.54	1.97	2.41	2.83	3.24	3.62	3.96	4.23	4.44	4.21	3.91
100	0.75	0.58	0.51	0.57	0.78	1.15	1.70	2.47	4.82	7.31	9.88	12.4	14.9	17.2	19.2	20.9	22.2	20.8	19.0
105	3.83	4.95	6.46	8.32	10.5	13.0	15.8	18.8	23.5	28.2	33.0	37.5	41.8	45.6	48.8	51.3	53.0	49.8	45.7
110	27.3	33.6	40.7	48.3	56.2	64.3	72.2	79.6	83.6	86.9	89.6	91.6	93.0	93.6	93.5	92.7	91.2	87.3	82.7
115	82.3	87.9	94.3	101	108	115	122	128	131	133	134	135	136	135	135	134	133	132	130
120	151	154	156	159	163	166	169	172	173	173	174	174	174	174	174	173	173	173	173
125	200	201	203	204	206	207	209	210	210	210	210	210	209	209	208	208	207	208	209
130	237	238	239	240	241	242	243	244	244	244	244	243	243	242	242	242	241	242	242
135	267	268	269	270	271	272	273	274	274	275	275	275	275	275	275	275	274	274	274
140	294	295	296	297	298	299	300	301	301	302	302	302	302	302	301	301	301	301	301
145	319	320	321	321	322	323	324	324	324	324	325	325	324	324	324	324	324	324	324
150	341	341	341	341	342	342	342	343	343	343	344	344	344	345	345	345	345	345	345
155	359	359	359	359	359	359	359	359	359	359	359	360	360	360	360	360	361	361	361
160	373	373	373	373	373	373	373	373	373	373	373	373	373	373	373	373	373	373	373
165	386	385	385	385	385	385	384	384	384	384	384	384	384	384	384	384	384	384	384
170	395	395	395	394	394	394	394	393	393	393	393	392	392	392	392	392	392	392	392
175	401	401	401	401	400	400	400	400	400	400	400	399	399	399	399	399	399	399	400
180	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401

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:119.6V I:0.2110A P:25.20W PF:0.9900 Freq:0.9900Hz Lamp Flux:2665.52x1 lm																	
NAME: 2FT									TYPE:3500K 3.7						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.6*0.05						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	560	560	559	559	559	559	559	559	559	560	560	560	561	561	562				
5	557	556	556	556	556	556	556	556	556	556	556	557	557	558	559				
10	548	548	548	547	547	547	546	546	547	547	547	548	549	549	550				
15	536	535	534	534	533	533	533	533	533	534	534	535	536	536	537				
20	519	518	517	516	516	515	515	515	515	516	516	517	518	519	521				
25	497	496	495	494	494	493	493	493	493	494	494	495	496	497	499				
30	471	470	469	468	467	466	466	466	466	467	468	469	470	471	473				
35	441	440	439	438	437	436	435	435	436	436	437	438	440	441	443				
40	408	407	405	404	403	402	401	401	402	402	403	405	406	408	410				
45	372	370	369	367	366	365	364	365	365	366	367	368	370	372	374				
50	332	330	329	327	326	325	324	324	325	326	327	328	330	332	334				
55	290	288	287	285	284	283	282	282	283	283	285	286	288	290	293				
60	247	245	243	241	240	239	238	238	238	239	240	242	244	246	249				
65	202	200	198	196	195	194	193	193	193	194	195	196	198	200	203				
70	156	154	152	151	149	148	147	147	147	148	149	150	152	154	156				
75	110	109	107	106	104	103	102	102	102	103	104	105	106	107	109				
80	67.0	65.3	63.6	61.9	60.4	59.0	57.8	57.4	57.3	57.4	57.8	58.4	59.3	60.4	61.8				
85	25.8	23.7	21.6	19.5	17.5	15.7	14.0	13.3	12.9	12.7	12.8	13.1	13.7	14.5	15.6				
90	1.48	1.51	1.53	1.55	1.55	1.55	1.54	1.49	1.44	1.37	1.29	1.19	1.09	0.97	0.83				
95	3.56	3.16	2.74	2.30	1.86	1.43	1.03	0.85	0.70	0.60	0.61	0.60	0.60	0.58	0.65				
100	16.8	14.4	11.9	9.24	6.61	4.06	1.68	0.66	0.36	0.39	0.43	0.46	0.49	0.53	0.57				
105	41.0	35.8	30.3	24.7	19.0	13.5	8.25	5.69	3.60	2.00	0.88	0.44	0.50	0.56	1.20				
110	77.6	72.1	66.2	60.1	53.9	47.7	41.6	37.2	33.0	29.0	25.2	21.6	18.2	15.1	12.1				
115	128	126	123	120	117	112	108	102	95.6	88.7	81.2	73.2	64.5	55.2	45.4				
120	172	172	170	169	167	164	161	156	151	145	138	131	123	114	105				
125	209	209	210	210	210	209	208	207	204	202	199	196	192	188	183				
130	242	243	243	244	244	244	244	243	243	242	241	239	238	236	235				
135	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274				
140	301	301	301	301	301	302	302	302	302	302	302	303	303	303	303				
145	324	324	324	324	324	325	325	325	325	325	326	326	326	327	327				
150	345	344	344	344	344	344	344	344	344	345	345	345	346	346	347				
155	360	360	360	360	360	360	361	361	361	362	362	362	363	364	364				
160	373	373	374	374	374	374	374	375	375	375	376	376	377	378	378				
165	384	384	384	385	385	385	385	386	386	387	387	388	389	389	390				
170	392	393	393	393	393	394	394	394	395	395	396	396	396	397	397				
175	400	400	400	400	401	401	401	401	401	402	402	402	402	402	402				
180	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401				

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: