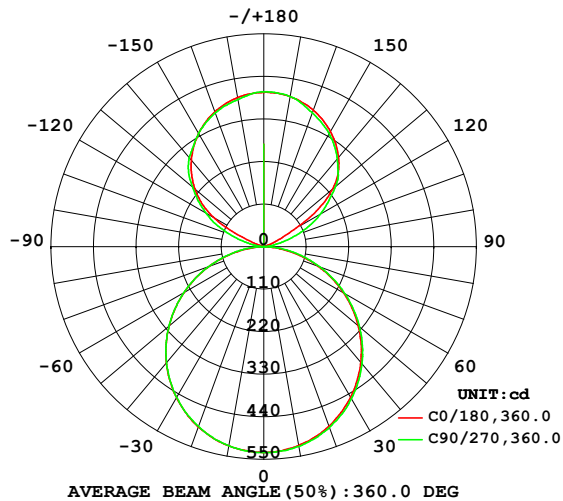


LUMINAIRE PHOTOMETRIC TEST REPORT

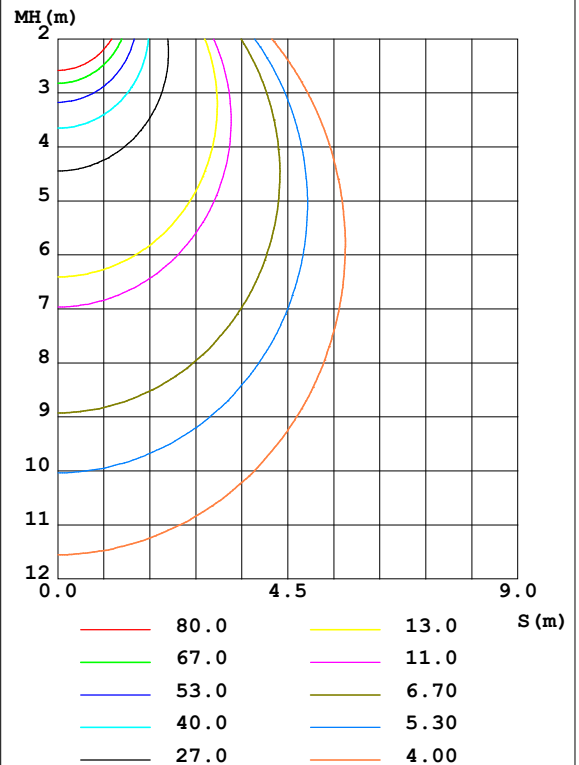
Test:U:119.6V I:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.80 lm/W			
MODEL		I _{max} (cd)	532.4	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)	2568.7	η UP,DN(C0-180)	19.9,30.3
NOMINAL FLUX(lm)	2568.74	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.1,29.6
LAMPS INSIDE	1	η up(%)	40.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	60.0	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:

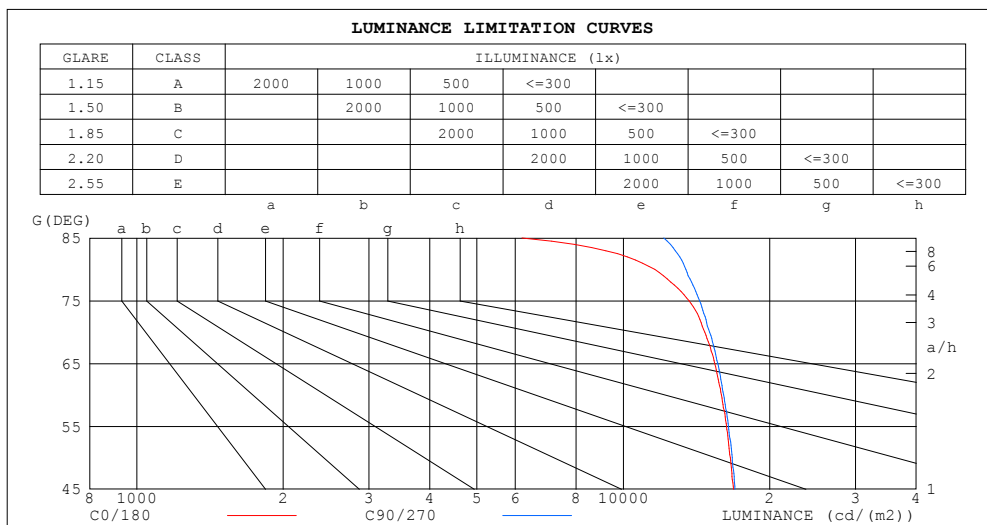
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	521.7	522.6	524.2	525.6	523.0	522.6	522.9	519.1	0- 10	50.32	50.32	1.96,1.96
20	494.2	494.8	497.6	501.1	495.9	495.6	494.4	489.5	10- 20	144.2	194.6	7.57,7.57
30	449.6	451.8	453.7	459.2	451.1	451.3	450.5	442.4	20- 30	219.0	413.6	16.1,16.1
40	390.8	392.6	395.1	401.8	391.9	392.5	391.5	381.2	30- 40	264.8	678.3	26.4,26.4
50	318.9	320.5	323.5	331.7	320.0	321.3	320.3	308.4	40- 50	275.8	954.1	37.1,37.1
60	237.8	237.0	241.6	250.6	238.6	239.9	239.3	225.7	50- 60	250.5	1205	46.9,46.9
70	150.4	149.4	154.6	164.0	151.3	153.5	152.4	139.6	60- 70	193.3	1398	54.4,54.4
80	60.27	63.50	70.21	76.83	60.94	68.29	67.97	54.80	70- 80	113.9	1512	58.9,58.9
90	0.5678	1.556	1.622	1.563	0.3255	1.125	1.315	1.464	80- 90	28.79	1541	60,60
100	1.316	1.975	26.22	3.328	1.280	2.481	23.88	1.678	90-100	3.244	1544	60.1,60.1
110	10.32	35.72	92.51	75.35	19.68	79.56	93.22	43.71	100-110	26.96	1571	61.2,61.2
120	97.82	157.2	169.7	166.0	146.5	171.4	171.5	162.1	110-120	104.9	1676	65.2,65.2
130	232.8	232.9	242.4	234.2	233.1	241.8	240.6	241.8	120-130	178.8	1855	72.2,72.2
140	300.9	289.2	296.1	291.5	291.7	294.7	300.3	295.1	130-140	206.6	2061	80.2,80.2
150	344.5	332.5	337.7	335.4	337.9	337.3	337.6	338.8	140-150	198.5	2260	88,88
160	375.4	368.9	368.0	372.9	370.9	367.1	368.1	369.1	150-160	163.6	2423	94.3,94.3
170	394.1	391.6	393.9	394.6	391.4	387.6	386.5	390.1	160-170	107.8	2531	98.5,98.5
180	397.9	398.8	399.9	400.0	397.9	398.8	399.9	400.0	170-180	37.75	2569	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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 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	6195	12107
80	11605	13455
75	13647	14346
70	14707	15044
65	15423	15641
60	15901	16079
55	16293	16447
50	16589	16746
45	16858	16966

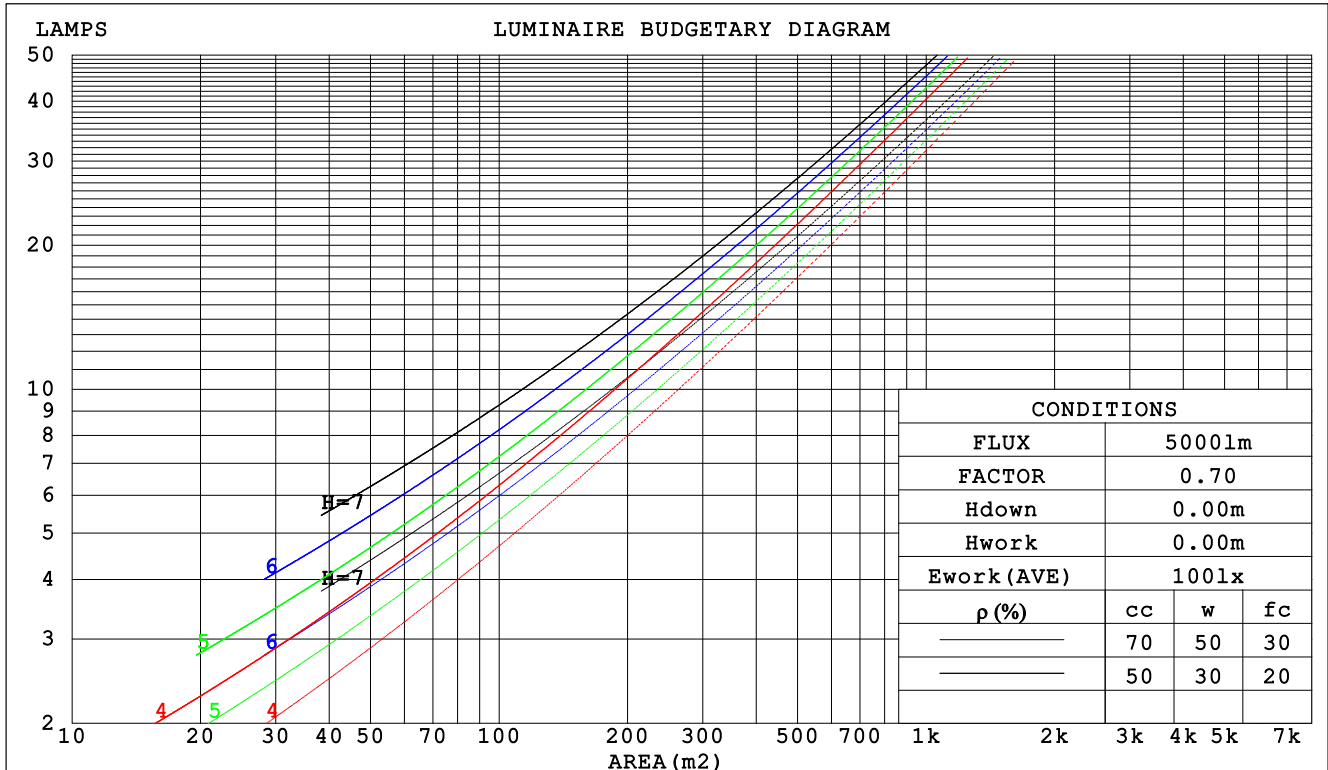
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 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	1.02	1.02	1.02	.89	.89	.89	.77	.77	.77	.65	.65	.65	.60
1.0	.95	.91	.88	.89	.86	.82	.78	.75	.73	.67	.65	.63	.57	.56	.55	.50
2.0	.83	.77	.71	.78	.72	.67	.68	.63	.60	.59	.55	.53	.50	.48	.46	.41
3.0	.73	.65	.59	.68	.61	.56	.60	.54	.50	.52	.48	.44	.44	.41	.39	.35
4.0	.64	.56	.50	.60	.53	.47	.53	.47	.42	.46	.41	.38	.39	.36	.33	.30
5.0	.57	.49	.43	.54	.46	.40	.47	.41	.36	.41	.36	.32	.35	.32	.29	.26
6.0	.51	.43	.37	.48	.41	.35	.42	.36	.32	.37	.32	.28	.32	.28	.25	.22
7.0	.46	.38	.32	.44	.36	.31	.38	.32	.28	.34	.29	.25	.29	.25	.22	.20
8.0	.42	.34	.28	.40	.32	.27	.35	.29	.25	.31	.26	.22	.27	.23	.20	.18
9.0	.38	.31	.25	.36	.29	.24	.32	.26	.22	.28	.23	.20	.25	.21	.18	.16
10.0	.35	.28	.23	.33	.26	.22	.30	.24	.20	.26	.21	.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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm					
NAME: 2FT			TYPE:4000K 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	.290	.165	.052	.271	.155	.049	.235	.135	.043	.203	.117	.037	.172	.100	.032		
2.0	.271	.149	.046	.254	.140	.043	.221	.123	.038	.191	.107	.034	.163	.092	.029		
3.0	.250	.133	.040	.235	.126	.038	.205	.111	.034	.178	.097	.030	.152	.084	.026		
4.0	.231	.120	.035	.217	.114	.034	.190	.101	.030	.164	.088	.027	.141	.077	.023		
5.0	.214	.109	.032	.201	.103	.030	.176	.092	.027	.153	.081	.024	.131	.070	.021		
6.0	.199	.100	.029	.187	.094	.027	.164	.084	.024	.142	.074	.022	.122	.064	.019		
7.0	.185	.092	.026	.174	.087	.025	.153	.077	.022	.133	.068	.020	.114	.059	.017		
8.0	.173	.085	.024	.163	.080	.023	.143	.071	.020	.125	.063	.018	.107	.055	.016		
9.0	.163	.079	.022	.153	.074	.021	.134	.066	.019	.117	.059	.017	.101	.051	.015		
10.0	.153	.073	.020	.144	.070	.019	.127	.062	.017	.110	.055	.016	.095	.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	.495	.495	.495	.423	.423	.423	.289	.289	.289	.166	.166	.166	.053	.053	.053	
1.0	.486	.464	.443	.416	.398	.382	.285	.274	.264	.164	.158	.153	.052	.051	.050	
2.0	.479	.442	.410	.410	.380	.354	.281	.263	.247	.162	.153	.145	.052	.049	.047	
3.0	.472	.425	.388	.405	.367	.337	.278	.255	.236	.160	.149	.139	.052	.048	.046	
4.0	.465	.413	.374	.399	.357	.324	.274	.249	.229	.159	.146	.135	.051	.047	.044	
5.0	.458	.404	.363	.394	.349	.316	.271	.244	.223	.157	.143	.132	.051	.047	.044	
6.0	.452	.396	.356	.388	.343	.310	.268	.240	.219	.155	.141	.130	.050	.046	.043	
7.0	.446	.390	.350	.383	.338	.305	.265	.237	.216	.154	.140	.129	.050	.046	.043	
8.0	.440	.384	.346	.379	.333	.302	.262	.234	.214	.152	.138	.128	.049	.045	.042	
9.0	.434	.380	.343	.374	.330	.299	.259	.232	.212	.151	.137	.127	.049	.045	.042	
10.0	.429	.376	.341	.370	.326	.297	.257	.230	.211	.150	.136	.126	.049	.045	.042	

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm										
NAME: 2FT					TYPE:4000K 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	20.1	21.1	20.9	21.9	22.8	20.1	21.2	20.9	21.9	22.9
3H	21.6	22.5	22.4	23.3	24.3	21.6	22.6	22.4	23.4	24.3
4H	22.1	23.0	22.9	23.8	24.8	22.2	23.1	23.0	23.9	24.9
6H	22.5	23.3	23.3	24.1	25.2	22.7	23.5	23.5	24.3	25.3
8H	22.6	23.4	23.4	24.2	25.2	22.8	23.6	23.7	24.4	25.5
12H	22.6	23.3	23.4	24.1	25.2	22.9	23.7	23.7	24.5	25.5
4H 2H	20.6	21.5	21.4	22.3	23.3	20.6	21.5	21.4	22.3	23.3
3H	22.2	22.9	23.0	23.8	24.8	22.3	23.0	23.1	23.8	24.9
4H	22.9	23.5	23.7	24.4	25.5	23.0	23.6	23.8	24.5	25.6
6H	23.3	23.9	24.2	24.8	25.9	23.5	24.1	24.4	25.0	26.1
8H	23.5	24.0	24.4	24.9	26.0	23.7	24.3	24.6	25.2	26.3
12H	23.5	24.0	24.4	24.9	26.0	23.8	24.3	24.7	25.2	26.4
8H 4H	23.0	23.6	23.9	24.5	25.6	23.1	23.7	24.0	24.6	25.7
6H	23.6	24.1	24.6	25.0	26.2	23.8	24.3	24.7	25.2	26.3
8H	23.8	24.2	24.7	25.1	26.3	24.1	24.5	25.0	25.4	26.6
12H	23.9	24.2	24.8	25.1	26.3	24.3	24.6	25.2	25.6	26.8
12H 4H	23.0	23.5	23.9	24.4	25.6	23.1	23.6	24.0	24.5	25.6
6H	23.7	24.0	24.6	25.0	26.1	23.8	24.2	24.8	25.1	26.3
8H	23.9	24.2	24.8	25.1	26.3	24.1	24.5	25.1	25.4	26.6
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 2569 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.3)

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

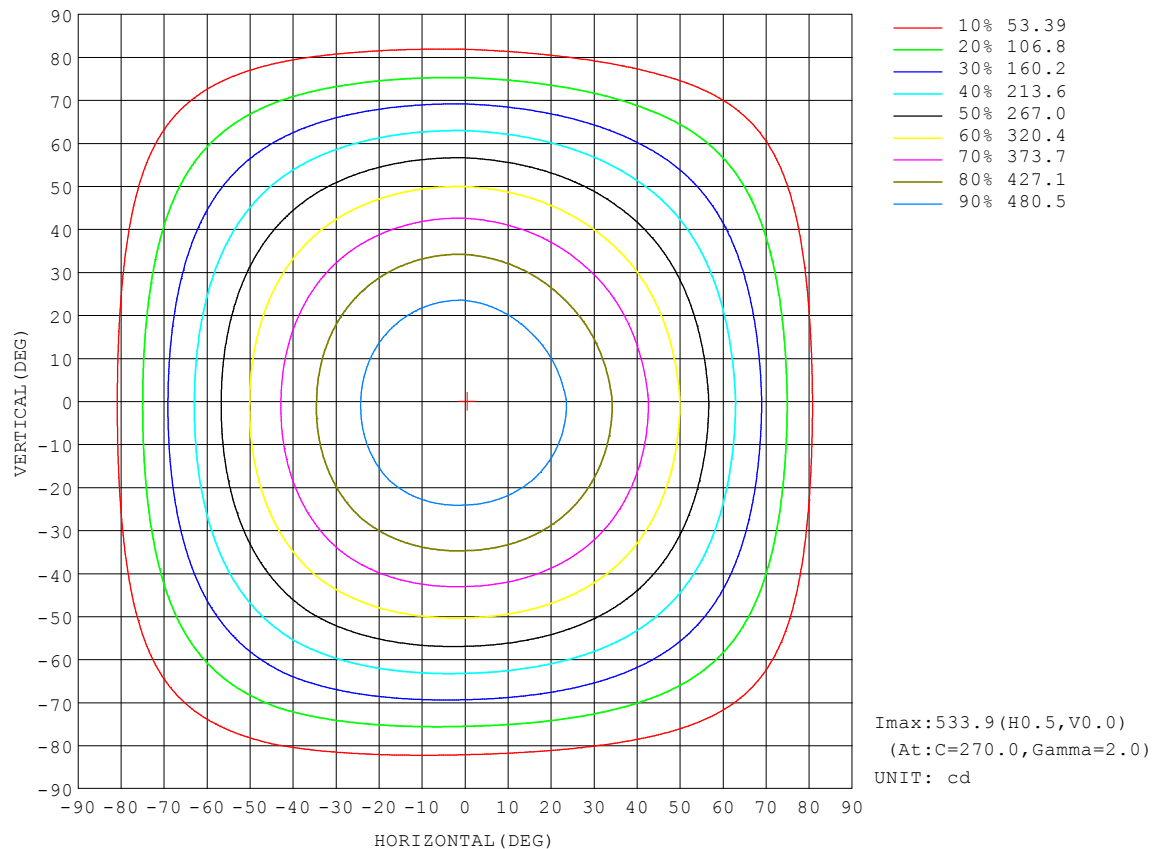
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	36	29	44	34	28	40	32	27	19
0.80	56	45	38	53	43	36	48	39	34	24
1.00	64	53	45	61	50	44	54	48	41	29
1.25	71	60	53	67	57	51	60	52	47	34
1.50	76	66	59	72	63	56	63	56	51	37
2.00	83	74	67	78	70	64	69	63	58	42
2.50	88	79	73	82	75	69	72	67	62	44
3.00	91	84	78	85	79	74	75	70	66	47
4.00	95	89	84	89	84	80	78	74	71	50
5.00	98	93	88	92	87	83	80	77	74	51
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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

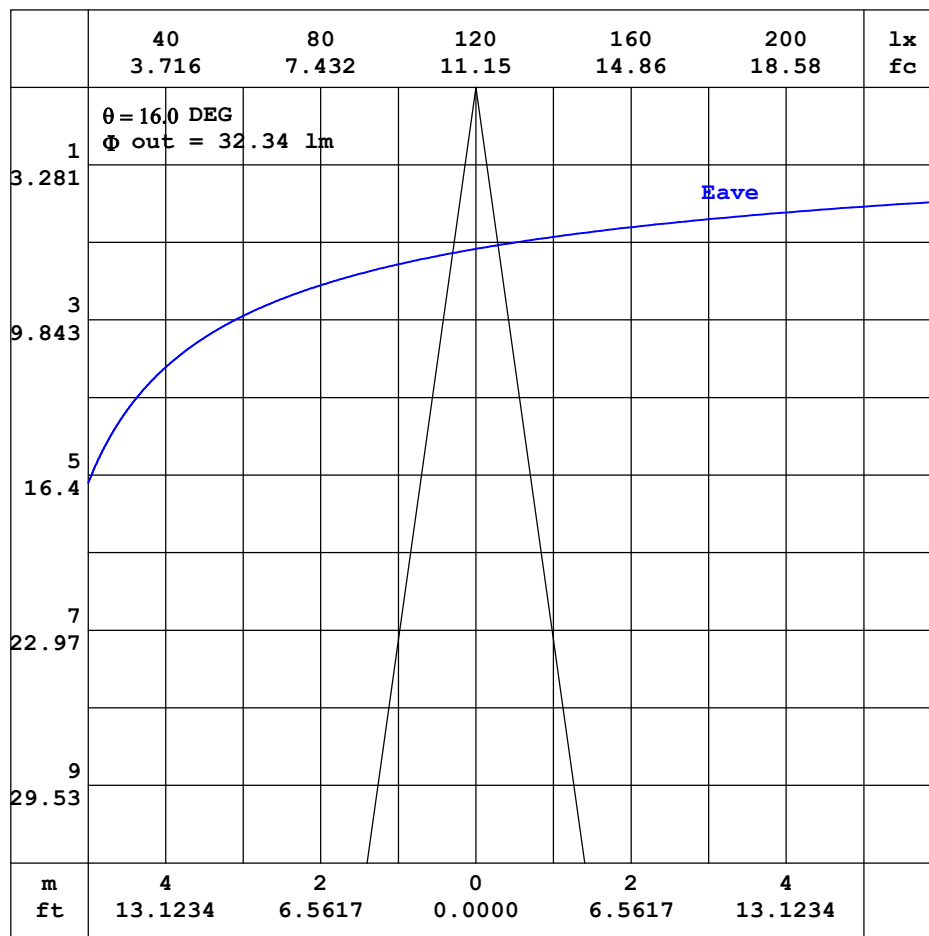


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:



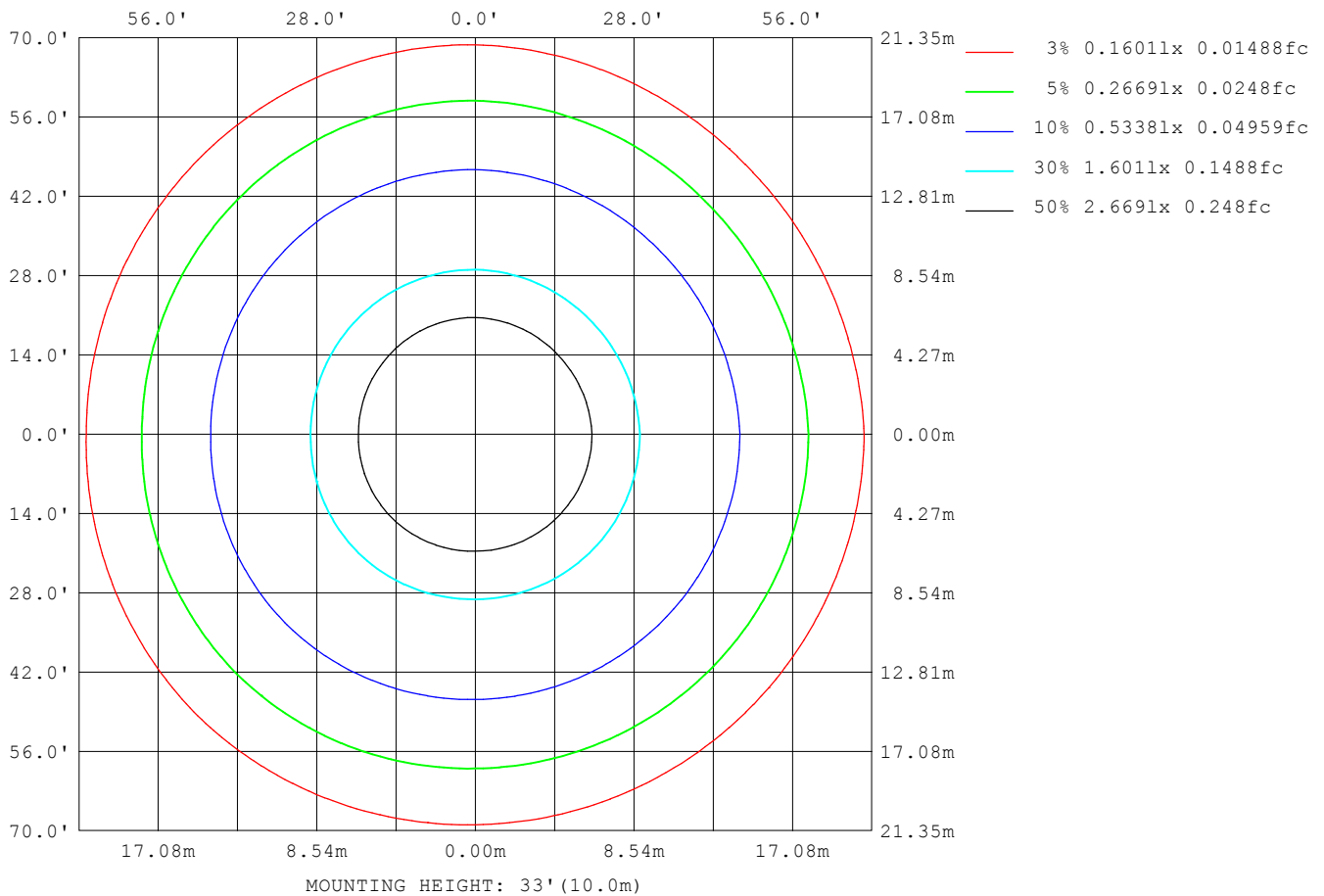
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.05	Shielding Angle:

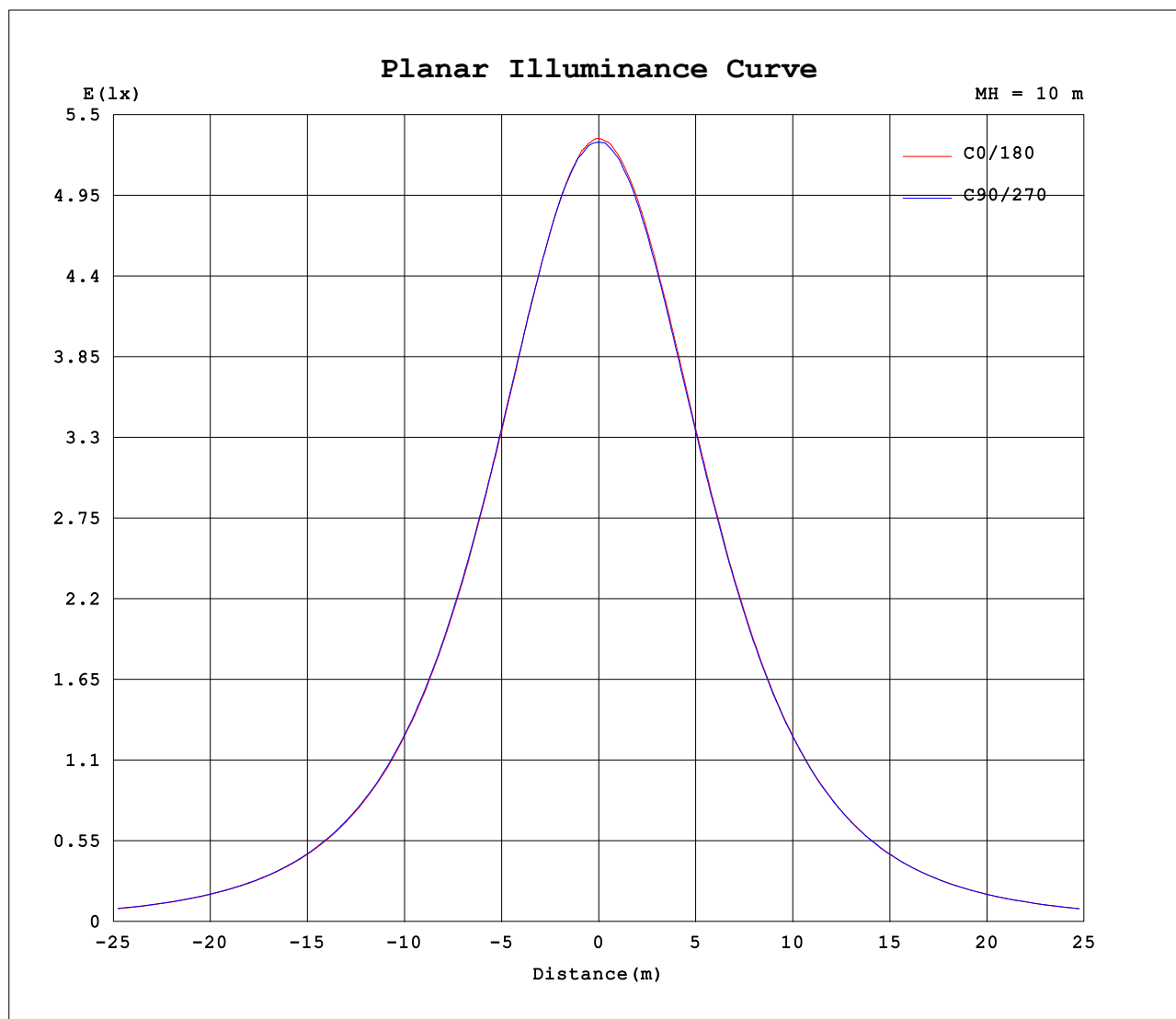
AvgL	cd/m2
L_0~180 (65) av	15399
L_0~180 (75) av	13632
L_0~180 (85) av	6390
L_90~270 (65) av	15578
L_90~270 (75) av	14202
L_90~270 (85) av	11702
L_45 (65) av	15401
L_45 (75) av	13927
L_45 (85) av	9122

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 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	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532
5	530	530	530	529	529	529	529	529	529	529	529	529	529	529	530	530	530	530	530
10	522	522	522	522	522	522	522	522	522	523	523	523	523	523	523	524	524	524	524
15	510	510	510	510	510	510	510	510	510	510	511	511	511	511	512	512	512	513	513
20	494	494	494	494	494	494	494	494	495	495	495	495	496	496	496	497	497	497	498
25	473	474	474	474	474	474	474	475	475	475	475	476	476	476	476	477	477	477	478
30	450	450	450	450	451	451	451	451	452	452	452	452	452	452	453	453	453	453	454
35	421	422	422	422	423	423	423	423	424	424	424	424	425	425	425	425	426	426	426
40	391	391	391	391	391	392	392	392	392	393	393	393	393	393	394	394	394	395	395
45	356	357	357	357	357	357	358	358	358	358	358	359	359	359	359	359	360	360	361
50	319	319	319	319	319	320	320	320	320	321	321	321	321	321	322	322	322	323	323
55	279	279	279	279	279	280	280	280	280	280	280	281	281	281	282	282	282	283	283
60	238	237	237	237	237	237	237	237	237	237	237	238	238	238	239	240	240	241	242
65	195	194	194	194	193	193	193	193	193	193	194	194	194	195	196	196	197	198	199
70	150	150	150	149	149	149	149	149	149	149	150	150	151	151	152	152	153	154	155
75	106	105	105	105	105	105	105	105	105	106	106	107	107	108	109	109	110	111	112
80	60.3	60.5	60.7	61.0	61.3	61.6	62.0	62.5	63.0	63.5	64.1	64.8	65.5	66.3	67.0	67.8	68.6	69.4	70.2
85	16.1	16.6	17.0	17.6	18.1	18.8	19.5	20.2	21.0	21.8	22.9	24.1	25.2	26.4	27.5	28.7	29.8	30.8	31.7
90	0.57	0.72	0.87	1.00	1.12	1.23	1.33	1.42	1.49	1.56	1.59	1.62	1.64	1.65	1.66	1.65	1.65	1.64	1.62
95	0.65	0.51	0.59	0.67	0.73	0.78	0.82	0.84	1.07	1.37	2.00	2.67	3.35	4.03	4.68	5.28	5.83	6.28	6.63
100	1.32	0.47	0.50	0.52	0.54	0.56	0.57	0.58	0.74	1.98	4.79	7.80	10.9	14.0	17.0	19.9	22.4	24.6	26.2
105	2.27	0.78	0.51	0.52	0.53	0.53	1.18	2.82	5.00	7.69	13.1	18.9	24.9	30.9	36.8	42.4	47.5	51.9	55.6
110	10.3	11.6	13.3	15.3	17.8	20.6	23.8	27.4	31.4	35.7	42.4	49.3	56.3	63.3	70.1	76.6	82.5	87.9	92.5
115	38.9	46.5	53.9	61.0	67.8	74.2	80.5	86.4	92.0	97.3	103	108	113	117	121	125	128	130	132
120	97.8	107	115	123	130	137	143	148	153	157	160	163	165	167	168	169	169	170	170
125	177	181	184	188	190	193	195	198	199	201	202	203	204	204	204	204	204	204	204
130	233	232	232	232	232	232	232	232	232	233	234	235	236	238	239	240	241	242	242
135	273	271	269	267	266	265	264	263	263	263	264	265	266	267	268	269	270	271	272
140	301	299	297	295	293	292	291	290	290	289	290	290	291	292	293	294	294	295	296
145	325	322	320	318	317	315	314	313	313	312	313	313	314	314	315	316	317	318	318
150	345	342	340	339	337	336	335	334	333	333	333	333	334	334	335	336	336	337	338
155	362	360	358	356	355	354	353	352	351	351	351	351	351	351	352	352	353	354	354
160	375	374	374	373	372	371	370	370	369	369	369	368	368	368	368	368	368	368	368
165	386	385	385	385	384	384	384	383	383	383	383	383	383	383	383	383	383	383	383
170	394	394	393	393	392	392	392	392	392	392	392	392	392	392	393	393	393	394	394
175	399	398	398	398	397	397	397	397	397	397	397	397	397	398	398	398	398	399	399
180	398	398	398	398	398	398	398	399	399	399	399	399	399	399	399	400	400	400	400

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 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	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532
5	530	530	530	531	531	531	531	531	531	531	531	531	531	530	530	530	530	530	530
10	524	525	525	525	525	525	526	526	526	525	525	525	525	524	524	524	523	523	523
15	513	514	514	514	514	514	515	515	515	514	514	514	514	513	513	512	512	512	512
20	498	499	499	500	500	500	501	501	501	501	500	500	499	498	498	497	496	496	496
25	478	479	480	480	481	482	482	482	483	482	481	481	480	479	478	477	476	475	475
30	454	455	456	457	457	458	459	459	459	459	458	457	456	455	454	453	452	451	451
35	427	428	429	430	430	431	432	432	432	432	431	430	429	428	426	425	424	423	423
40	396	397	398	399	400	400	401	401	402	401	400	399	398	397	395	394	393	392	392
45	362	363	364	365	365	366	367	368	368	367	366	365	364	362	361	360	358	357	357
50	325	326	327	328	329	330	331	331	332	331	330	328	327	326	324	323	321	320	320
55	285	286	287	288	289	290	291	292	292	291	290	289	287	286	284	283	282	280	280
60	243	244	245	247	248	249	250	250	251	250	249	247	246	244	243	241	240	239	238
65	200	201	202	204	205	206	207	207	208	207	206	204	203	201	200	198	197	196	195
70	156	157	159	160	161	162	163	164	164	163	162	160	159	157	156	154	153	151	151
75	113	114	115	116	117	118	119	119	120	118	117	116	114	112	111	109	107	106	106
80	71.4	72.5	73.5	74.5	75.3	76.0	76.5	76.8	76.8	75.3	73.6	71.8	69.8	67.8	65.9	64.1	62.4	60.9	61.2
85	32.5	33.3	33.8	34.3	34.6	34.7	34.6	34.4	33.9	32.2	30.2	28.2	26.2	24.1	22.1	20.3	18.7	17.3	17.6
90	1.64	1.66	1.67	1.67	1.67	1.66	1.64	1.61	1.56	1.42	1.28	1.12	0.97	0.81	0.67	0.54	0.42	0.33	0.36
95	6.32	5.91	5.41	4.84	4.22	3.57	2.90	2.25	1.62	1.33	1.08	0.88	0.71	0.58	0.49	0.42	0.39	0.38	0.34
100	24.8	22.8	20.5	17.8	15.0	12.0	9.01	6.09	3.33	2.39	1.69	1.20	0.89	0.74	0.73	0.84	1.03	1.28	0.95
105	54.5	52.6	49.9	46.6	42.8	38.6	34.2	29.6	25.1	21.6	18.3	15.1	12.2	9.63	7.34	5.42	3.91	2.86	3.31
110	93.6	93.9	93.3	91.9	89.9	87.1	83.8	79.8	75.3	68.2	60.8	53.4	46.1	39.2	32.9	27.4	23.0	19.7	23.6
115	133	133	133	132	131	129	127	124	121	115	109	103	97.1	91.5	86.4	82.0	78.4	75.8	79.4
120	170	170	170	170	170	169	168	167	166	164	161	158	156	153	151	149	148	147	148
125	204	204	203	203	202	202	201	201	200	199	199	198	197	197	196	196	196	196	197
130	242	241	240	239	238	237	236	235	234	234	233	233	233	233	233	233	233	233	234
135	272	271	270	269	268	267	266	265	265	264	264	264	264	264	264	264	264	264	264
140	296	295	295	294	294	293	293	292	291	291	291	291	291	291	291	291	291	292	292
145	318	318	318	317	317	317	316	316	315	315	315	315	315	316	316	316	316	316	316
150	338	337	337	337	337	336	336	336	335	336	336	336	336	337	337	337	338	338	338
155	354	354	355	355	355	355	355	355	355	355	355	355	355	356	356	356	356	356	356
160	368	369	370	370	371	371	372	372	373	373	373	373	373	372	372	372	371	371	370
165	383	384	384	385	385	385	386	386	386	386	386	386	385	385	384	384	383	383	382
170	394	394	394	395	395	395	395	395	395	394	394	394	393	393	393	392	392	391	391
175	399	399	400	400	400	400	400	400	400	400	399	399	399	398	398	398	397	397	397
180	400	400	400	400	400	400	400	400	400	400	400	399	399	399	399	398	398	398	398

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm		
NAME: 2FT	TYPE:4000K 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	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532
5	529	529	529	529	529	529	529	529	529	529	529	529	530	530	530	530	530	530	529
10	523	523	523	523	523	523	523	523	523	523	523	523	523	523	523	523	523	522	522
15	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	510	510
20	496	496	495	495	496	496	496	496	496	496	495	495	495	495	495	495	494	494	493
25	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	474	473
30	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	450	450	449
35	423	423	423	423	423	423	423	424	424	424	424	424	424	424	423	423	423	422	421
40	392	392	392	392	392	392	392	393	393	393	393	393	393	393	392	392	392	390	389
45	357	357	357	357	358	358	358	358	359	359	359	359	359	359	358	358	357	356	355
50	320	320	320	320	320	321	321	321	321	322	322	322	322	321	321	321	320	319	317
55	280	280	280	280	280	281	281	281	281	281	282	282	282	282	281	281	281	279	278
60	238	238	238	239	239	239	240	240	240	240	240	241	241	240	240	240	239	238	236
65	195	195	196	196	196	197	197	197	197	198	198	198	198	198	197	197	196	195	193
70	151	151	152	152	152	153	153	154	154	154	154	154	154	154	153	153	152	151	149
75	106	107	107	108	108	109	109	110	110	110	111	111	110	110	110	110	109	108	106
80	61.7	62.3	63.2	64.1	65.2	66.2	67.3	68.3	68.7	69.1	69.3	69.4	69.4	69.3	69.0	68.5	68.0	66.6	65.0
85	18.2	19.0	20.0	21.2	22.5	23.8	25.1	26.4	27.3	28.1	28.7	29.3	29.7	29.9	30.0	29.9	29.5	27.9	26.2
90	0.42	0.50	0.59	0.69	0.80	0.91	1.02	1.13	1.17	1.20	1.23	1.25	1.27	1.28	1.30	1.31	1.31	1.35	1.39
95	0.33	0.34	0.38	0.46	0.56	0.70	0.88	1.09	1.56	2.06	2.57	3.08	3.56	4.00	4.40	4.73	4.97	4.71	4.36
100	0.67	0.49	0.41	0.47	0.68	1.07	1.66	2.48	5.02	7.73	10.5	13.3	15.9	18.4	20.6	22.5	23.9	22.4	20.4
105	4.22	5.57	7.31	9.41	11.9	14.6	17.6	20.8	25.6	30.5	35.3	39.9	44.1	47.9	51.2	53.6	55.3	52.0	47.9
110	28.7	34.8	41.6	49.0	56.7	64.5	72.2	79.6	83.7	87.2	90.1	92.3	93.9	94.9	95.1	94.5	93.2	89.4	84.9
115	84.0	89.4	95.4	102	109	115	122	128	131	133	135	137	137	137	138	137	137	136	133
120	151	153	156	159	162	166	169	171	172	173	173	174	174	173	173	172	172	172	172
125	199	201	203	204	206	208	209	211	211	211	211	210	210	209	208	208	207	208	209
130	235	236	237	238	239	240	241	242	242	242	242	242	242	241	241	241	241	241	241
135	265	265	266	266	267	267	268	268	269	270	271	272	273	274	275	275	276	275	274
140	292	292	293	293	293	294	294	295	295	296	297	298	298	299	299	300	300	300	299
145	316	317	317	317	317	317	317	317	317	317	317	317	317	317	317	317	317	317	317
150	338	338	338	338	338	338	337	337	337	337	337	337	337	337	337	338	338	338	338
155	355	355	355	355	354	354	354	354	354	354	354	354	354	354	354	354	354	354	354
160	370	369	369	369	368	368	367	367	367	367	367	367	367	367	368	368	368	368	368
165	382	381	380	380	379	379	378	378	378	378	378	378	378	378	378	378	378	378	379
170	390	390	390	389	389	388	388	388	387	387	387	387	387	386	386	386	387	387	387
175	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396
180	398	398	398	398	398	398	399	399	399	399	399	399	399	400	400	400	400	400	400

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:0.2180A P:26.00W PF:0.9900 Freq:60.00Hz Lamp Flux:2568.74x1 lm																	
NAME: 2FT									TYPE:4000K 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	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532				
5	529	529	529	529	528	528	528	528	528	528	528	529	529	529	529				
10	522	521	521	520	520	519	519	519	519	519	519	520	520	521	521				
15	509	509	508	508	507	507	506	506	506	507	507	507	508	508	509				
20	493	492	491	491	490	490	489	490	490	490	490	491	492	492	493				
25	472	471	471	470	469	469	468	468	468	469	469	470	470	471	472				
30	447	446	445	444	444	443	442	442	443	443	444	444	445	447	448				
35	419	418	417	416	415	414	413	413	414	414	415	416	417	418	420				
40	388	386	385	384	383	382	381	381	382	382	383	384	385	387	389				
45	353	352	350	349	348	347	346	346	347	347	348	349	351	352	354				
50	316	314	313	312	310	309	308	308	309	309	310	312	313	315	317				
55	276	274	273	271	270	269	268	268	268	269	270	271	273	275	277				
60	234	233	231	229	228	227	226	226	226	227	228	229	231	233	235				
65	191	190	188	186	185	184	183	183	183	184	185	186	188	190	192				
70	148	146	144	143	142	140	140	140	140	141	141	143	144	146	148				
75	105	103	102	100	99.0	97.9	97.1	97.0	97.2	97.6	98.3	99.3	101	102	104				
80	63.5	61.8	60.2	58.7	57.2	55.9	54.8	54.5	54.4	54.6	54.9	55.5	56.4	57.5	58.7				
85	24.3	22.4	20.4	18.5	16.6	14.9	13.3	12.7	12.3	12.1	12.2	12.5	13.1	13.9	14.9				
90	1.42	1.45	1.47	1.48	1.49	1.48	1.46	1.42	1.35	1.28	1.19	1.09	0.98	0.86	0.72				
95	3.95	3.49	3.00	2.48	1.97	1.46	0.99	0.77	0.60	0.55	0.54	0.53	0.51	0.48	0.50				
100	18.1	15.5	12.7	9.89	7.03	4.26	1.68	0.56	0.32	0.34	0.36	0.37	0.39	0.40	0.42				
105	43.1	37.7	32.1	26.3	20.4	14.8	9.40	6.69	4.46	2.71	1.44	0.65	0.38	0.51	1.15				
110	79.8	74.3	68.5	62.4	56.1	49.9	43.7	39.2	34.9	30.8	26.8	23.1	19.6	16.3	13.2				
115	130	128	125	121	117	112	107	102	95.4	88.8	81.7	74.1	66.0	57.4	48.4				
120	172	171	170	169	167	165	162	158	153	147	140	133	125	117	108				
125	209	210	210	210	210	210	209	208	205	203	199	196	192	188	183				
130	241	242	242	242	242	242	242	241	241	240	239	238	237	236	234				
135	274	273	272	271	270	269	268	268	268	269	269	270	270	271	272				
140	299	298	297	297	296	296	295	295	295	296	296	297	298	299	300				
145	318	318	318	318	318	318	319	319	319	320	321	321	322	323	324				
150	338	338	338	338	338	339	339	339	340	340	341	341	342	343	344				
155	354	355	355	355	355	355	356	356	357	357	358	358	359	360	361				
160	368	368	368	368	369	369	369	370	370	371	371	372	373	374	374				
165	379	379	379	379	379	380	380	381	381	382	382	383	384	384	385				
170	387	388	388	389	389	390	390	391	391	391	392	392	393	393	394				
175	396	397	397	397	397	398	398	398	398	398	398	398	398	398	399				
180	400	400	400	400	400	400	400	400	400	400	399	399	399	399	398				

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: