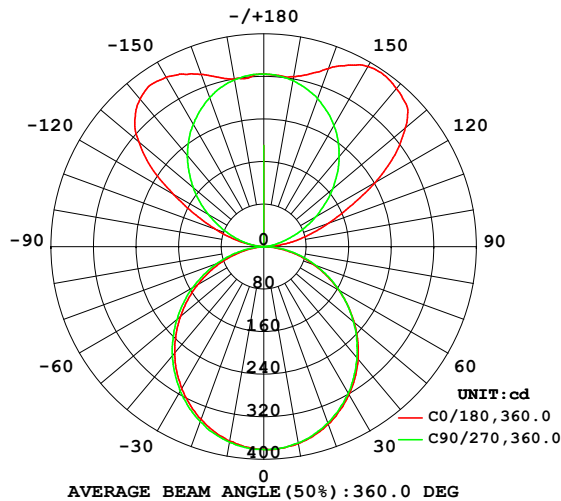


LUMINAIRE PHOTOMETRIC TEST REPORT

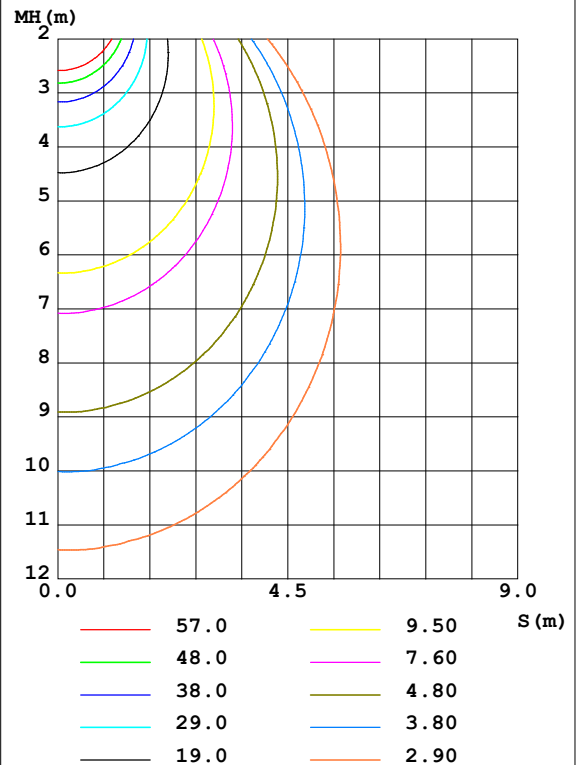
Test:U:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.31 lm/W			
MODEL		I _{max} (cd)	394.7	S/MH(C0/180)	1.25
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2187.1	η UP,DN(C0-180)	25.8,24.4
NOMINAL FLUX(lm)	2187.12	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	26.5,23.3
LAMPS INSIDE	1	η up(%)	52.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	47.7	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:

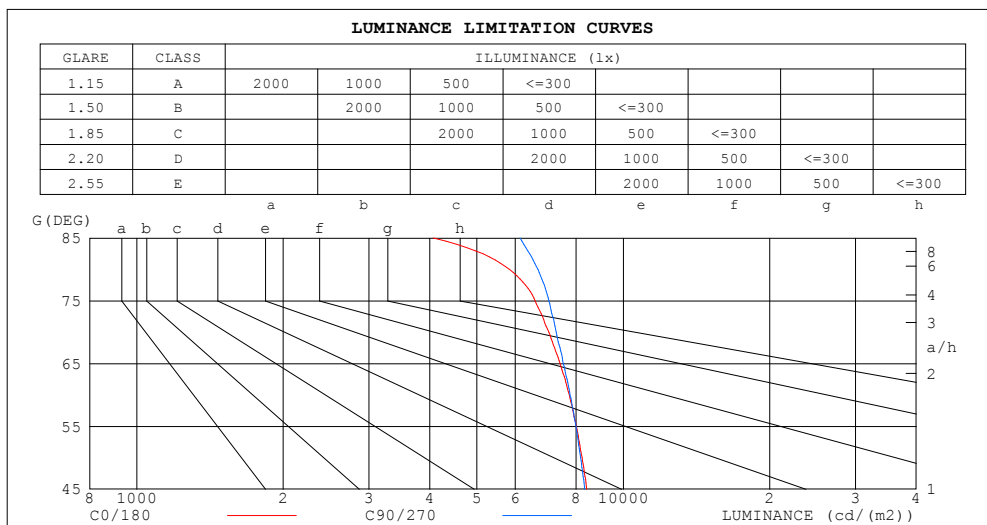
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	375.9	375.5	375.0	374.3	370.9	371.4	373.3	372.9	0- 10	36.03	36.03	1.65,1.65
20	354.9	354.7	353.1	352.2	345.3	346.7	350.0	350.3	10- 20	102.7	138.7	6.34,6.34
30	320.8	320.7	318.2	317.3	308.5	309.4	314.3	313.9	20- 30	154.1	292.8	13.4,13.4
40	276.2	276.6	272.9	272.3	260.5	263.0	267.3	267.7	30- 40	183.5	476.2	21.8,21.8
50	222.1	224.6	220.6	219.7	204.6	208.6	213.4	214.0	40- 50	187.7	664.0	30.4,30.4
60	162.7	166.3	163.3	161.3	143.8	148.3	154.8	153.8	50- 60	167.0	831.0	38,38
70	101.1	104.9	104.6	100.2	82.94	87.46	94.11	92.32	60- 70	124.7	955.7	43.7,43.7
80	42.54	46.74	48.71	42.82	25.67	30.33	37.37	34.33	70- 80	70.45	1026	46.9,46.9
90	2.130	1.857	0.7979	1.176	0.2880	0.9611	0.2329	2.175	80- 90	16.44	1043	47.7,47.7
100	55.37	50.84	15.62	39.82	30.00	54.01	25.67	64.55	90-100	18.56	1061	48.5,48.5
110	129.8	130.7	58.78	114.9	97.64	132.6	68.49	148.7	100-110	78.83	1140	52.1,52.1
120	241.8	219.3	113.3	200.5	194.6	213.9	119.9	229.6	110-120	150.4	1290	59,59
130	347.5	286.0	168.9	269.9	306.9	276.4	173.5	291.7	120-130	205.8	1496	68.4,68.4
140	387.9	326.3	220.6	306.7	362.0	306.4	223.7	324.9	130-140	222.9	1719	78.6,78.6
150	391.4	333.4	263.7	318.1	367.5	314.8	265.4	328.0	140-150	198.2	1917	87.7,87.7
160	356.4	323.7	296.1	315.3	344.5	312.6	298.3	319.4	150-160	148.8	2066	94.5,94.5
170	324.4	319.1	317.1	316.2	320.0	315.8	318.5	318.5	160-170	90.30	2157	98.6,98.6
180	323.8	323.8	323.8	323.8	323.8	323.8	323.8	323.8	170-180	30.61	2187	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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4070	6131
80	5833	6679
75	6590	7032
70	7035	7279
65	7414	7529
60	7749	7776
55	8013	7999
50	8225	8172
45	8409	8333

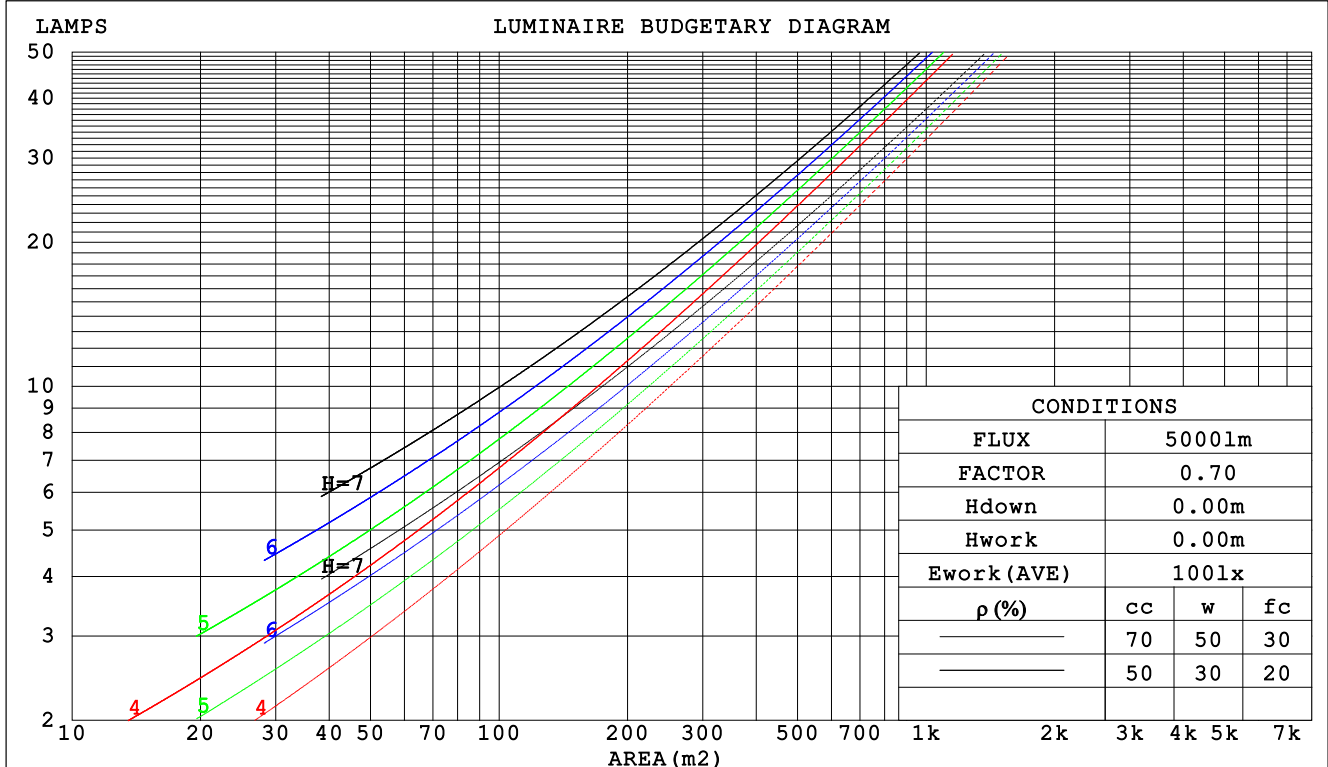
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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	1.07	1.07	1.07	.98	.98	.98	.82	.82	.82	.67	.67	.67	.54	.54	.54	.48
1.0	.93	.89	.86	.86	.82	.79	.72	.69	.67	.59	.58	.56	.48	.47	.46	.40
2.0	.81	.75	.70	.75	.69	.65	.63	.59	.56	.52	.49	.47	.42	.40	.38	.33
3.0	.71	.64	.58	.66	.59	.54	.55	.51	.47	.46	.42	.39	.37	.35	.32	.28
4.0	.63	.55	.49	.58	.51	.46	.49	.44	.40	.41	.37	.34	.33	.30	.28	.24
5.0	.56	.48	.42	.52	.45	.39	.44	.38	.34	.37	.32	.29	.30	.27	.24	.21
6.0	.50	.42	.36	.46	.39	.34	.39	.34	.30	.33	.29	.25	.27	.24	.21	.18
7.0	.45	.37	.32	.42	.35	.30	.36	.30	.26	.30	.26	.22	.24	.21	.19	.16
8.0	.41	.33	.28	.38	.31	.26	.33	.27	.23	.27	.23	.20	.22	.19	.17	.14
9.0	.37	.30	.25	.35	.28	.23	.30	.24	.21	.25	.21	.18	.21	.18	.15	.13
10.0	.34	.27	.22	.32	.25	.21	.27	.22	.19	.23	.19	.16	.19	.16	.14	.12



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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm					
NAME: 2FT			TYPE:4000K 5.5		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:0.6*0.07		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	.279	.159	.050	.257	.146	.047	.214	.123	.039	.175	.101	.032	.139	.080	.026		
2.0	.261	.143	.044	.240	.132	.041	.201	.112	.035	.165	.093	.029	.132	.075	.024		
3.0	.241	.128	.038	.222	.119	.036	.187	.101	.031	.154	.084	.026	.123	.068	.021		
4.0	.223	.116	.034	.206	.108	.032	.173	.092	.027	.143	.077	.023	.115	.062	.019		
5.0	.207	.106	.031	.191	.098	.029	.161	.084	.025	.133	.070	.021	.107	.057	.017		
6.0	.193	.097	.028	.178	.090	.026	.150	.077	.022	.124	.064	.019	.100	.052	.016		
7.0	.180	.089	.025	.166	.083	.024	.140	.071	.020	.116	.060	.017	.093	.049	.014		
8.0	.168	.082	.023	.156	.077	.022	.132	.066	.019	.109	.055	.016	.088	.045	.013		
9.0	.158	.076	.021	.146	.071	.020	.124	.061	.017	.103	.051	.015	.083	.042	.012		
10.0	.149	.071	.020	.138	.067	.019	.117	.057	.016	.097	.048	.014	.078	.039	.011		

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	.589	.589	.589	.504	.504	.504	.344	.344	.344	.197	.197	.197	.063	.063	.063	
1.0	.580	.558	.539	.496	.479	.464	.340	.330	.321	.195	.191	.186	.063	.061	.060	
2.0	.573	.537	.506	.491	.462	.438	.336	.320	.305	.194	.186	.179	.062	.060	.058	
3.0	.566	.521	.485	.485	.449	.421	.333	.312	.295	.192	.182	.174	.062	.059	.057	
4.0	.559	.509	.471	.480	.440	.409	.330	.307	.288	.191	.180	.170	.061	.058	.056	
5.0	.553	.500	.461	.475	.432	.401	.327	.302	.283	.189	.177	.168	.061	.058	.055	
6.0	.546	.492	.453	.470	.426	.395	.324	.298	.279	.188	.176	.166	.061	.057	.055	
7.0	.541	.486	.448	.465	.421	.391	.321	.295	.277	.187	.174	.165	.060	.057	.054	
8.0	.535	.481	.444	.460	.417	.387	.319	.293	.275	.185	.173	.164	.060	.057	.054	
9.0	.530	.477	.441	.456	.414	.385	.316	.291	.273	.184	.172	.163	.060	.056	.054	
10.0	.525	.473	.438	.452	.411	.383	.314	.289	.272	.183	.171	.162	.059	.056	.054	

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm										
NAME: 2FT					TYPE:4000K 5.5			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:0.6*0.07			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	16.8	17.7	17.7	18.6	19.7	16.8	17.7	17.7	18.6	19.7
3H	18.2	19.0	19.1	19.9	21.1	18.2	19.1	19.1	20.0	21.1
4H	18.7	19.5	19.6	20.4	21.6	18.8	19.6	19.7	20.5	21.7
6H	19.1	19.8	20.0	20.7	21.9	19.3	20.0	20.2	20.9	22.1
8H	19.2	19.9	20.1	20.8	22.0	19.4	20.1	20.4	21.0	22.3
12H	19.2	19.8	20.1	20.8	22.0	19.5	20.2	20.5	21.1	22.3
4H 2H	17.2	18.0	18.2	18.9	20.1	17.2	18.0	18.2	18.9	20.1
3H	18.8	19.4	19.7	20.4	21.6	18.8	19.5	19.8	20.4	21.7
4H	19.5	20.0	20.4	21.0	22.3	19.6	20.1	20.5	21.1	22.4
6H	19.9	20.4	20.9	21.4	22.7	20.1	20.6	21.1	21.6	22.9
8H	20.1	20.5	21.1	21.5	22.8	20.3	20.8	21.3	21.8	23.1
12H	20.1	20.5	21.1	21.5	22.8	20.4	20.9	21.5	21.9	23.2
8H 4H	19.6	20.1	20.6	21.1	22.4	19.7	20.2	20.7	21.2	22.5
6H	20.2	20.6	21.3	21.6	23.0	20.4	20.8	21.5	21.8	23.2
8H	20.4	20.8	21.5	21.8	23.2	20.7	21.0	21.7	22.1	23.4
12H	20.5	20.8	21.6	21.9	23.2	20.9	21.2	22.0	22.2	23.6
12H 4H	19.6	20.0	20.6	21.0	22.3	19.7	20.1	20.7	21.1	22.4
6H	20.3	20.6	21.3	21.6	23.0	20.4	20.8	21.5	21.8	23.1
8H	20.5	20.8	21.5	21.8	23.2	20.8	21.0	21.8	22.1	23.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2187 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.7)

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

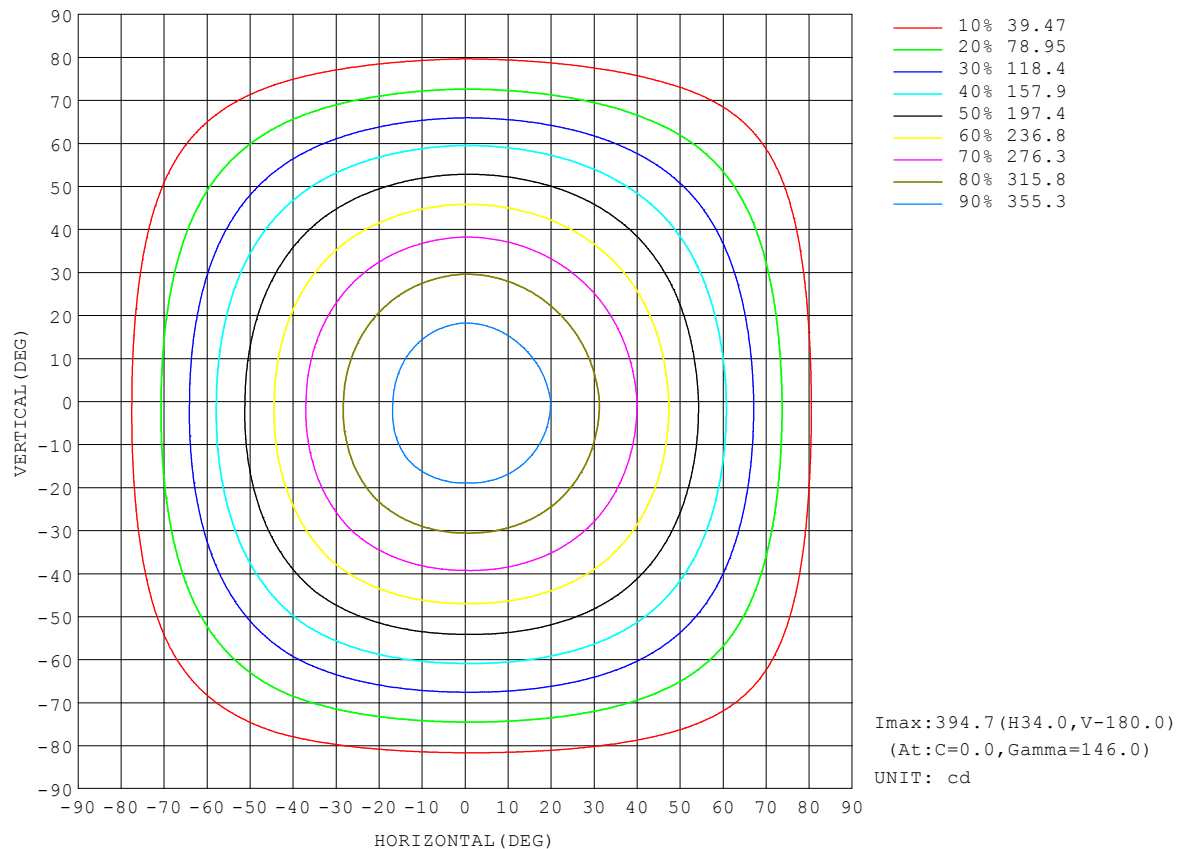
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	33	26	41	31	25	36	28	23	16
0.80	53	41	34	50	39	33	43	35	30	20
1.00	61	49	42	57	47	40	49	43	36	24
1.25	68	57	49	63	53	47	54	47	42	28
1.50	73	62	55	68	58	52	58	51	46	30
2.00	80	71	64	74	66	60	63	57	53	34
2.50	84	76	69	78	71	65	66	61	57	36
3.00	88	80	74	81	75	69	69	64	60	38
4.00	92	86	81	85	80	75	72	68	65	40
5.00	95	89	85	87	83	79	74	70	68	41
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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

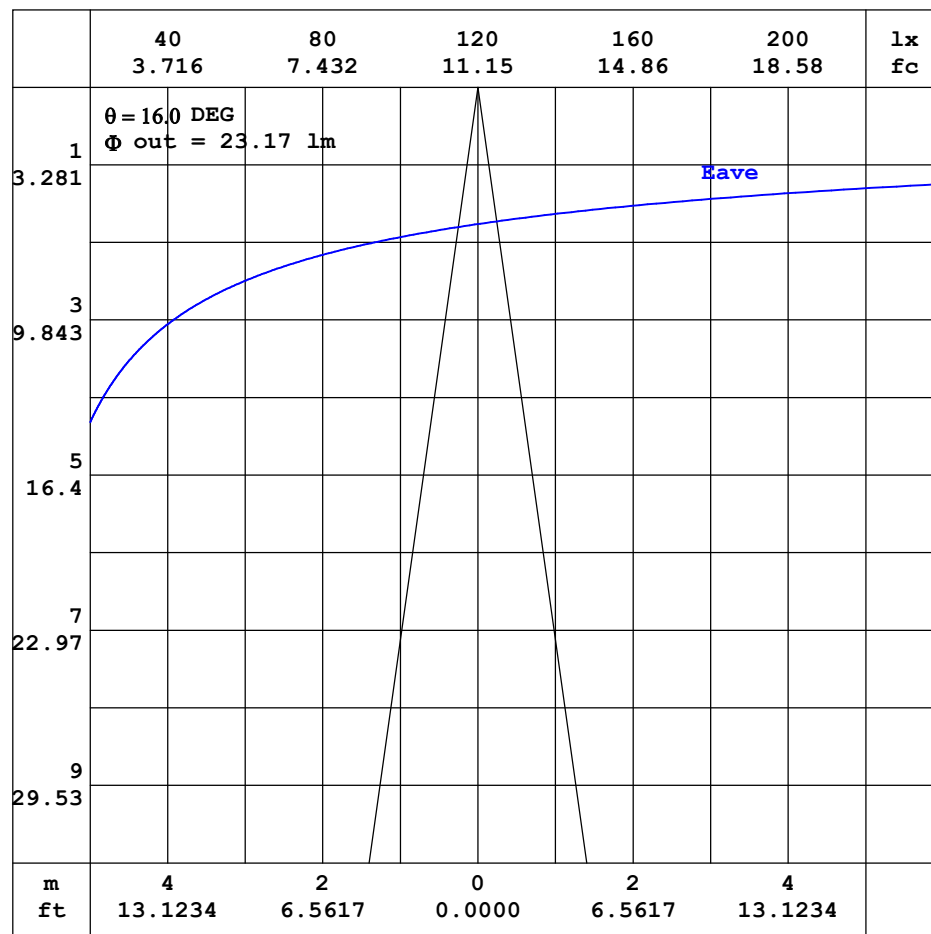


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:



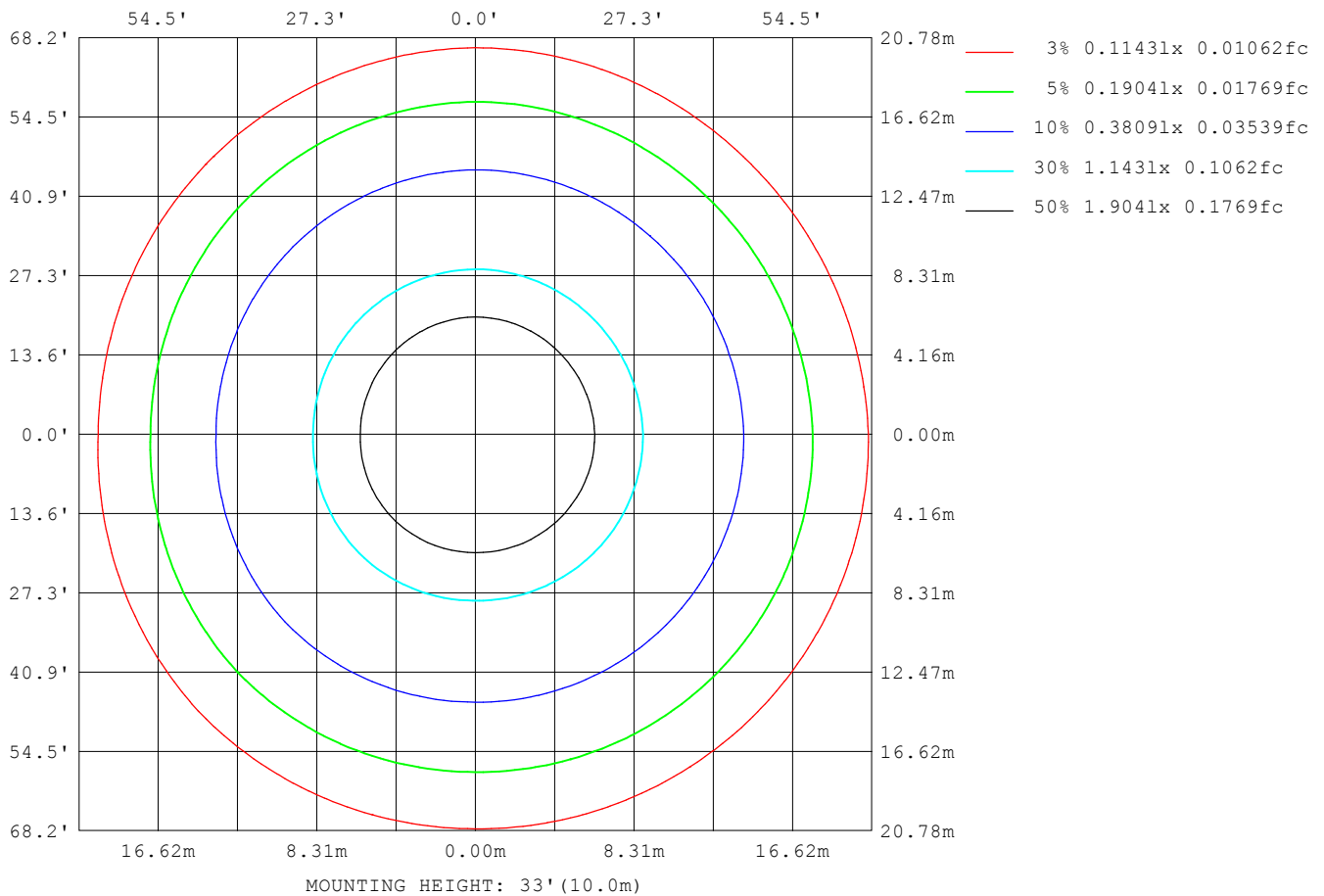
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	Shielding Angle:

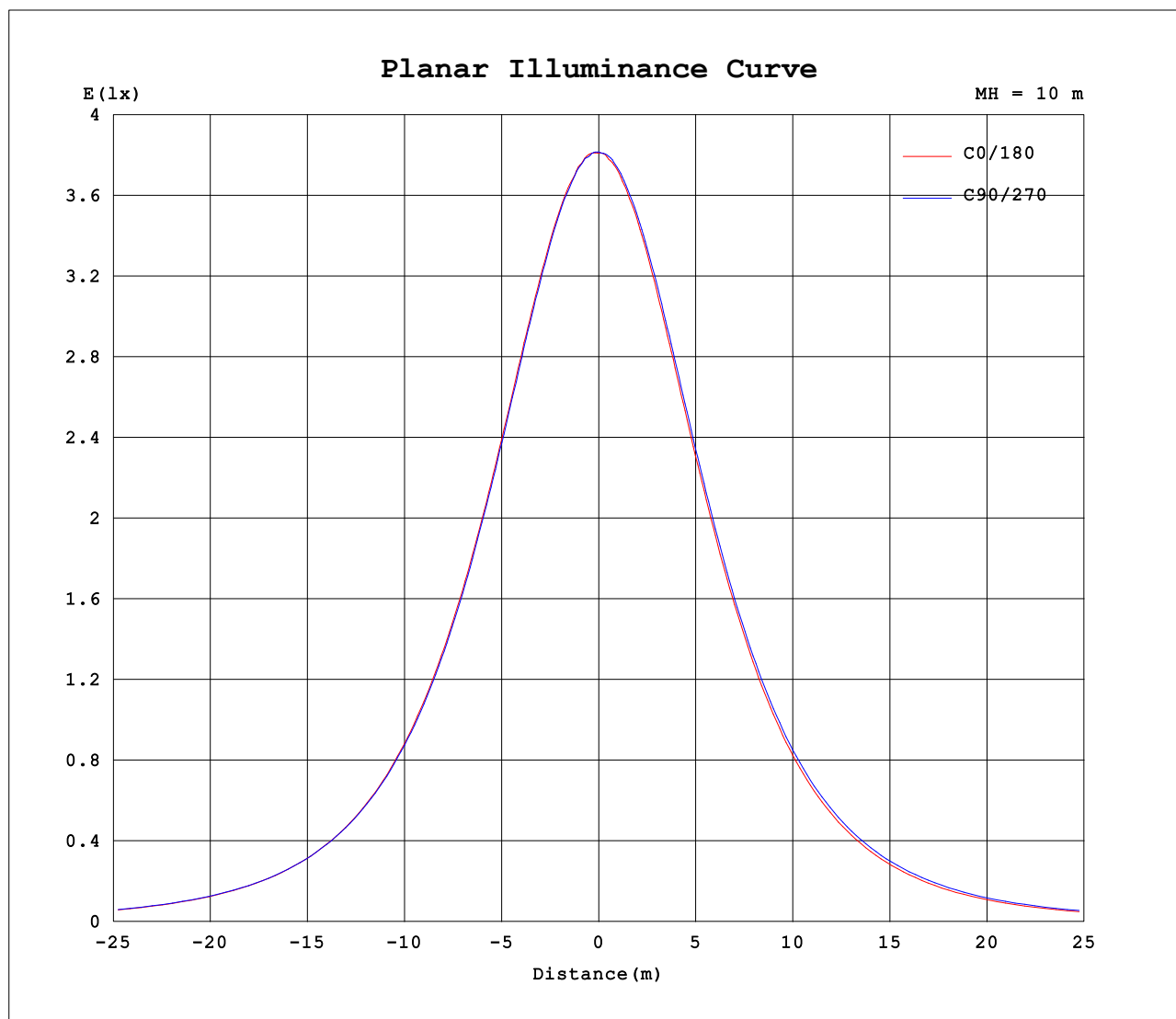
AvgL	cd/m2
L_0~180 (65) av	6888
L_0~180 (75) av	5765
L_0~180 (85) av	2454
L_90~270 (65) av	7247
L_90~270 (75) av	6511
L_90~270 (85) av	4601
L_45 (65) av	7126
L_45 (75) av	6148
L_45 (85) av	3419

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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	381	381	381	381	381	381	381	381	381	381	382	382	382	382	382	382	382	382	381
5	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380
10	376	376	376	376	376	376	376	376	376	375	375	375	375	375	375	375	375	375	375
15	367	367	367	368	368	368	367	367	367	367	367	367	367	366	366	366	366	366	365
20	355	355	355	355	355	355	355	355	355	355	355	354	354	354	354	354	353	353	353
25	339	339	339	340	340	340	340	340	340	339	339	339	339	338	338	338	337	337	337
30	321	321	321	321	321	321	321	321	321	321	320	320	320	320	319	319	319	318	318
35	300	300	300	300	300	300	300	300	300	300	299	299	299	298	298	297	297	297	296
40	276	276	277	277	277	277	277	277	277	277	276	276	275	275	275	274	274	273	273
45	250	250	251	251	251	252	252	252	252	252	252	251	251	250	250	249	249	248	247
50	222	223	223	224	224	224	225	225	225	225	224	224	224	223	223	222	222	221	221
55	193	194	194	195	195	196	196	196	196	196	196	196	196	195	195	194	194	193	193
60	163	163	164	165	165	166	166	166	166	166	166	166	166	165	165	165	164	164	163
65	132	132	133	133	134	134	134	135	135	135	135	135	135	135	135	134	134	134	134
70	101	102	102	103	103	104	104	104	105	105	105	105	105	105	105	105	105	105	105
75	71.6	72.2	72.7	73.2	73.7	74.1	74.5	74.8	75.1	75.4	75.7	76.0	76.3	76.4	76.6	76.6	76.6	76.6	76.4
80	42.5	43.1	43.7	44.2	44.7	45.1	45.6	46.0	46.4	46.7	47.2	47.6	47.9	48.2	48.5	48.6	48.8	48.8	48.7
85	14.9	15.6	16.2	16.8	17.4	17.9	18.5	19.0	19.4	19.9	20.4	20.8	21.3	21.7	22.0	22.2	22.4	22.5	22.4
90	2.13	2.14	2.14	2.13	2.11	2.08	2.04	1.99	1.93	1.86	1.74	1.61	1.48	1.35	1.22	1.10	0.99	0.89	0.80
95	21.2	21.1	20.9	20.7	20.3	19.8	19.2	18.5	17.6	16.7	15.2	13.6	11.9	10.3	8.67	7.14	5.72	4.44	3.35
100	55.4	56.4	57.0	57.3	57.1	56.6	55.8	54.5	52.9	50.8	46.8	42.5	38.1	33.6	29.3	25.2	21.5	18.2	15.6
105	89.3	91.3	92.8	93.6	93.8	93.4	92.5	90.9	88.8	86.0	80.1	73.8	67.3	60.8	54.4	48.4	43.0	38.3	34.5
110	130	134	136	138	139	139	139	137	134	131	123	114	105	95.8	86.9	78.4	70.8	64.1	58.8
115	180	184	187	189	190	190	188	186	182	178	167	156	144	133	121	110	101	92.3	85.7
120	242	243	244	244	242	240	236	232	226	219	207	193	180	166	153	141	130	121	113
125	301	299	297	293	289	284	278	271	263	255	240	225	210	196	182	169	157	148	141
130	347	343	339	333	327	320	313	304	296	286	271	255	240	225	210	197	186	176	169
135	379	374	368	361	354	347	339	330	321	311	296	280	265	250	236	223	212	203	196
140	388	383	378	372	366	359	352	344	335	326	312	298	284	271	258	246	236	227	221
145	394	389	383	377	370	363	356	349	341	333	321	309	297	285	275	265	256	249	244
150	391	386	380	373	367	361	354	347	340	333	324	314	305	296	287	280	273	268	264
155	376	371	366	360	355	350	344	339	334	328	322	315	309	302	297	292	287	284	281
160	356	353	349	345	341	338	334	331	327	324	320	316	312	308	305	302	300	298	296
165	336	334	332	330	328	326	324	323	321	319	318	316	314	313	312	310	310	309	308
170	324	324	323	322	322	321	320	320	320	319	319	318	318	318	318	318	317	317	317
175	323	323	323	323	323	322	322	322	322	322	322	322	322	322	322	322	322	322	322
180	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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	381	381	382	382	381	381	381	381	381	381	381	381	381	381	381	381	381	381	381
5	380	380	380	380	380	380	380	380	380	380	379	379	379	379	379	379	379	378	378
10	375	375	375	375	375	375	375	374	374	374	374	373	373	372	372	372	371	371	371
15	365	365	365	365	365	365	365	365	365	364	364	363	363	362	362	361	360	360	360
20	353	353	353	353	353	353	353	352	352	351	351	350	349	348	347	347	346	345	345
25	337	337	337	337	337	337	337	337	336	336	335	334	333	332	331	330	329	328	328
30	318	318	318	318	318	318	318	318	317	316	315	314	313	312	311	310	309	308	308
35	296	296	296	296	296	296	296	296	296	295	294	293	291	290	289	288	287	286	286
40	273	273	273	273	273	273	273	273	272	271	270	268	267	266	264	263	262	260	260
45	247	248	248	248	247	247	247	247	246	245	244	242	240	239	237	236	235	233	233
50	221	221	221	221	221	221	221	220	220	218	216	215	213	211	209	207	206	205	204
55	193	193	193	193	193	193	192	192	191	190	188	186	184	182	180	178	176	175	175
60	163	163	163	163	163	163	162	162	161	159	157	155	153	151	149	147	145	144	144
65	134	133	133	133	133	132	132	131	130	128	126	124	122	120	118	116	114	113	113
70	104	104	104	104	103	103	102	101	100	98.3	96.2	94.2	92.0	90.0	88.0	86.1	84.4	82.9	82.7
75	76.3	76.0	75.6	75.2	74.6	73.9	73.1	72.1	71.0	69.1	67.0	64.9	62.8	60.7	58.7	56.9	55.2	53.7	53.5
80	48.5	48.2	47.8	47.3	46.6	45.9	45.0	44.0	42.8	40.9	38.8	36.7	34.6	32.6	30.6	28.8	27.1	25.7	25.5
85	22.2	21.8	21.4	20.8	20.2	19.4	18.5	17.6	16.5	15.0	13.4	11.8	10.1	8.53	6.99	5.54	4.23	3.07	2.71
90	0.82	0.85	0.90	0.95	1.00	1.06	1.11	1.15	1.18	1.09	0.99	0.88	0.77	0.66	0.55	0.45	0.36	0.29	0.34
95	3.47	3.76	4.20	4.75	5.36	6.01	6.66	7.26	7.78	7.06	6.27	5.46	4.67	3.96	3.36	2.93	2.72	2.76	4.82
100	17.1	19.2	21.7	24.6	27.7	30.9	34.1	37.1	39.8	39.2	38.2	37.0	35.6	34.2	32.9	31.7	30.7	30.0	32.6
105	37.0	40.4	44.6	49.3	54.3	59.5	64.7	69.6	74.0	73.6	72.6	71.3	69.7	68.0	66.2	64.6	63.2	62.2	65.3
110	62.4	67.3	73.2	79.9	87.1	94.4	102	109	115	114	113	111	109	106	104	101	99.3	97.6	102
115	90.6	97.4	105	114	124	134	144	153	162	161	160	158	155	152	149	146	143	141	146
120	119	126	135	145	156	168	179	190	200	202	203	203	202	201	200	198	196	195	198
125	146	154	164	175	187	200	213	226	238	243	247	250	253	255	256	257	257	257	259
130	174	182	192	204	216	229	243	257	270	277	284	290	294	299	302	304	306	307	307
135	201	208	217	228	240	253	266	279	292	301	309	317	323	329	334	338	341	343	341
140	225	231	239	248	259	270	282	295	307	316	324	333	340	346	352	356	360	362	360
145	247	252	258	266	275	284	294	304	315	324	332	340	348	355	360	365	369	371	369
150	266	270	274	280	287	294	302	310	318	326	333	340	346	352	358	362	365	368	365
155	283	285	288	292	296	301	306	312	317	323	329	335	340	345	349	353	356	358	355
160	297	298	299	301	303	306	309	312	315	319	323	327	331	335	338	341	343	345	343
165	308	308	308	309	310	310	311	312	314	316	318	320	322	324	326	327	329	329	329
170	317	317	317	316	316	316	316	316	316	317	317	318	318	319	319	319	319	319	319
175	322	322	321	321	321	321	320	320	320	320	320	319	319	319	319	319	319	319	319
180	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm		
NAME: 2FT	TYPE:4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.07	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	381	381	381	381	381	381	381	381	382	382	382	382	382	382	382	382	381	381	381
5	378	378	378	378	378	378	378	378	378	379	379	379	379	379	379	379	379	379	379
10	371	371	371	371	371	371	371	371	372	372	372	372	372	373	373	373	373	373	373
15	360	360	360	360	360	360	360	361	361	361	362	362	362	363	363	363	363	363	363
20	345	345	345	345	346	346	346	347	347	347	348	348	349	349	349	350	350	350	350
25	328	328	328	328	329	329	329	330	330	331	331	332	332	333	333	333	334	334	334
30	308	308	308	308	308	309	309	309	310	310	311	312	312	313	313	314	314	314	314
35	286	286	286	286	286	286	287	287	288	288	288	289	290	290	291	291	291	291	291
40	260	260	261	261	261	262	262	263	264	264	265	265	266	266	266	267	267	267	267
45	233	233	234	234	235	235	236	237	237	238	238	239	239	240	240	240	241	241	241
50	204	205	205	206	206	207	208	209	209	210	210	211	211	212	213	213	213	214	214
55	175	175	175	176	176	177	178	179	180	180	181	181	182	183	183	184	184	184	184
60	144	144	144	145	146	146	147	148	149	150	151	151	152	153	154	154	155	155	155
65	113	113	114	114	115	116	117	118	119	119	120	121	121	122	123	123	124	124	123
70	82.8	83.0	83.4	84.0	84.7	85.6	86.5	87.5	88.3	89.1	90.0	90.8	91.6	92.3	93.0	93.6	94.1	94.0	93.8
75	53.5	53.8	54.2	54.8	55.5	56.4	57.3	58.3	59.1	60.0	60.9	61.7	62.5	63.3	64.0	64.6	65.1	64.9	64.6
80	25.5	25.8	26.2	26.8	27.6	28.4	29.3	30.3	31.2	32.1	33.0	33.9	34.7	35.5	36.2	36.9	37.4	37.1	36.8
85	2.52	2.50	2.62	2.87	3.24	3.70	4.25	4.88	5.60	6.37	7.15	7.94	8.71	9.44	10.1	10.7	11.2	11.1	10.9
90	0.41	0.49	0.57	0.66	0.75	0.83	0.90	0.96	0.87	0.78	0.67	0.57	0.47	0.38	0.31	0.26	0.23	0.40	0.60
95	7.11	9.54	12.0	14.5	16.9	19.1	21.1	22.7	21.6	20.1	18.4	16.6	14.7	12.9	11.3	9.96	8.98	11.1	13.5
100	35.5	38.5	41.6	44.7	47.6	50.2	52.4	54.0	51.3	48.0	44.5	40.8	37.1	33.6	30.4	27.7	25.7	28.8	32.6
105	68.7	72.4	76.0	79.6	82.8	85.7	88.0	89.5	85.1	80.0	74.5	68.8	63.2	57.9	53.1	49.1	46.1	50.6	56.1
110	106	111	116	120	125	128	131	133	126	118	110	102	93.6	85.9	78.8	72.9	68.5	74.7	82.4
115	150	155	160	165	169	173	175	176	168	158	147	136	125	115	106	98.7	93.0	101	110
120	202	205	208	211	213	215	215	214	203	192	180	167	155	144	134	126	120	128	137
125	260	261	261	260	259	257	253	249	237	223	210	197	184	172	162	153	147	154	164
130	306	305	302	299	294	289	283	276	263	249	236	222	209	198	188	179	173	181	191
135	339	335	330	325	319	311	304	295	282	269	256	243	231	221	211	204	199	206	215
140	356	352	346	339	332	324	315	306	295	283	271	260	250	241	234	228	224	230	238
145	365	359	353	346	338	330	322	313	303	293	284	275	267	259	253	249	246	251	257
150	361	356	350	344	337	330	322	315	307	300	293	286	280	275	271	267	265	269	274
155	352	348	343	338	332	327	321	315	309	305	300	296	292	289	286	284	283	285	288
160	340	337	333	329	325	321	317	313	310	307	305	303	301	300	299	298	298	299	301
165	327	326	324	322	320	318	316	314	313	312	312	311	311	310	310	310	310	310	311
170	319	319	318	318	317	317	316	316	316	316	316	317	317	317	318	318	318	318	318
175	320	320	321	321	322	322	323	323	324	324	324	324	324	324	323	323	323	323	323
180	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324

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:119.0V I:0.1330A P:15.70W PF:0.9800 Freq:60.00Hz Lamp Flux:2187.12x1 lm																	
NAME: 2FT									TYPE:4000K 5.5						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.6*0.07						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	382	382	381	381	381	381	381	381	381	381	381	381	381	381	381				
5	379	379	379	379	379	379	379	379	380	380	380	380	380	380	380				
10	373	373	373	373	373	373	373	373	373	374	374	374	375	375	375				
15	363	363	363	363	363	363	363	363	364	364	364	365	365	366	367				
20	350	350	350	350	350	350	350	351	351	351	352	352	353	354	354				
25	334	333	333	333	333	333	333	334	334	335	335	336	337	337	338				
30	314	314	314	314	314	314	314	314	315	315	316	317	318	319	320				
35	291	291	291	292	292	292	292	292	293	294	294	295	296	297	298				
40	267	267	267	267	267	267	268	268	269	270	270	271	272	274	275				
45	241	241	241	241	241	241	242	242	243	243	244	245	246	247	248				
50	214	214	214	214	214	214	214	215	215	216	217	218	219	220	221				
55	184	184	184	184	184	184	184	185	186	186	187	188	189	190	192				
60	154	154	154	154	154	154	154	154	155	156	157	158	159	160	161				
65	123	123	123	123	123	123	123	124	124	125	126	127	128	129	130				
70	93.5	93.2	92.9	92.7	92.5	92.3	92.3	92.8	93.4	94.1	94.9	95.9	97.0	98.2	99.6				
75	64.3	63.9	63.5	63.2	62.9	62.7	62.6	63.0	63.6	64.3	65.2	66.2	67.3	68.6	70.1				
80	36.4	36.0	35.6	35.1	34.8	34.5	34.3	34.7	35.2	35.8	36.6	37.5	38.6	39.7	41.1				
85	10.5	10.2	9.86	9.52	9.21	8.96	8.79	9.05	9.41	9.88	10.4	11.1	11.9	12.8	13.8				
90	0.81	1.04	1.28	1.52	1.75	1.97	2.18	2.27	2.34	2.38	2.40	2.40	2.37	2.31	2.23				
95	16.2	19.1	22.0	24.9	27.7	30.2	32.4	32.9	32.9	32.5	31.7	30.5	28.8	26.7	24.1				
100	36.9	41.5	46.3	51.2	56.0	60.5	64.6	65.9	66.7	66.8	66.4	65.4	63.8	61.6	58.8				
105	62.3	69.1	76.2	83.3	90.3	96.9	103	105	106	106	105	104	102	98.4	94.3				
110	91.2	101	111	121	131	140	149	151	153	153	153	150	147	143	137				
115	121	133	145	158	170	182	193	197	200	201	201	200	197	193	187				
120	149	161	175	189	203	217	230	236	241	245	247	248	249	248	245				
125	176	189	203	218	234	249	263	271	278	285	290	294	297	300	301				
130	202	216	230	245	261	276	292	301	310	317	324	330	336	341	344				
135	227	239	253	268	283	298	313	323	332	340	348	356	362	368	374				
140	248	259	271	284	298	311	325	334	342	350	358	365	371	377	383				
145	265	274	284	294	305	317	328	336	344	352	359	367	374	381	388				
150	279	286	293	302	310	319	328	335	342	349	356	363	370	377	384				
155	291	295	300	305	310	316	322	328	333	339	345	351	357	363	370				
160	302	304	307	310	313	316	319	323	326	330	334	338	342	347	352				
165	311	312	313	314	315	316	317	319	321	322	324	326	329	331	334				
170	318	318	318	318	318	318	319	319	319	320	320	321	322	323	323				
175	323	323	323	322	322	322	322	322	322	322	323	323	323	323	323				
180	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324				

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: