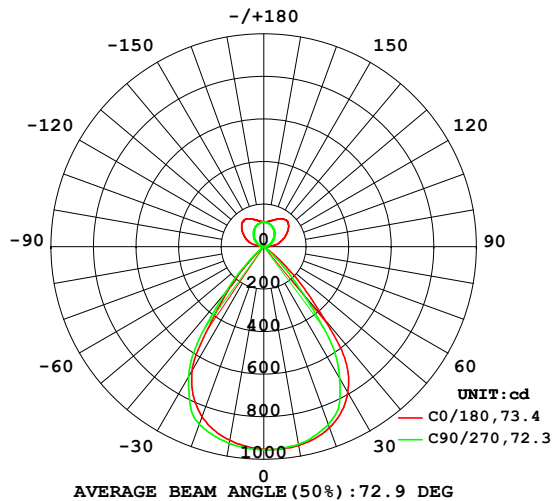


LUMINAIRE PHOTOMETRIC TEST REPORT

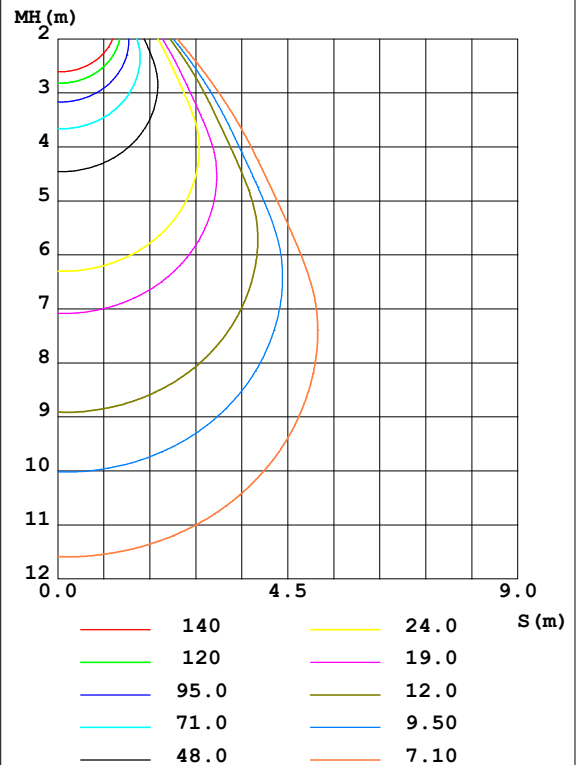
Test:U:119.3V I:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.48 lm/W			
MODEL		I _{max} (cd)	956.3	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)	1785.7	η UP,DN(C0-180)	14.0,36.9
NOMINAL FLUX(lm)	1785.68	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	13.7,35.4
LAMPS INSIDE	1	η up(%)	27.7	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120.0	η down(%)	72.3	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:

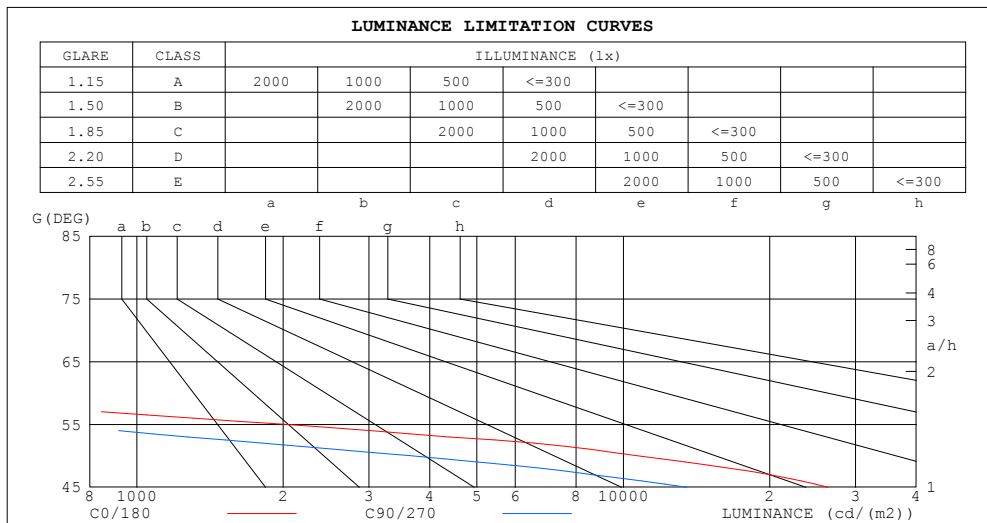
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	948.4	948.1	942.9	935.9	924.1	928.1	938.5	943.6	0- 10	90.34	90.34	5.06,5.06
20	905.6	904.7	888.4	876.2	850.8	860.8	888.5	893.4	10- 20	258.7	349.0	19.5,19.5
30	790.8	792.0	713.7	742.7	675.9	718.8	707.1	775.1	20- 30	378.5	727.5	40.7,40.7
40	438.8	538.2	286.4	463.1	236.0	420.1	278.3	503.3	30- 40	363.6	1091	61.1,61.1
50	88.83	149.5	30.41	91.05	13.30	75.62	26.42	114.8	40- 50	168.6	1260	70.5,70.5
60	2.667	13.76	3.509	7.023	2.096	5.731	4.318	11.00	50- 60	25.32	1285	72,72
70	1.631	1.879	2.086	1.842	1.186	2.178	2.694	2.214	60- 70	3.051	1288	72.1,72.1
80	0.9475	1.157	1.062	1.017	0.5808	1.214	1.510	1.405	70- 80	1.607	1290	72.2,72.2
90	10.24	6.798	0.2369	0.8140	0.2929	0.8330	0.5383	6.627	80- 90	1.380	1291	72.3,72.3
100	61.25	46.76	8.523	37.25	26.95	40.68	8.423	32.34	90-100	17.32	1308	73.3,73.3
110	93.29	73.85	25.24	65.63	80.77	67.30	25.10	64.38	100-110	49.93	1358	76.1,76.1
120	125.7	99.29	42.85	92.63	109.1	93.25	42.45	97.43	110-120	74.32	1433	80.2,80.2
130	153.3	117.3	60.63	113.5	136.0	112.3	60.05	113.8	120-130	88.02	1521	85.2,85.2
140	163.4	124.0	77.91	123.4	154.4	120.5	76.87	119.4	130-140	88.37	1609	90.1,90.1
150	151.8	123.6	93.33	124.6	151.9	121.3	92.56	119.3	140-150	76.02	1685	94.4,94.4
160	134.1	120.5	105.6	122.0	136.5	119.2	105.0	117.3	150-160	55.96	1741	97.5,97.5
170	120.7	117.4	113.6	118.6	122.9	117.0	113.3	116.0	160-170	33.60	1775	99.4,99.4
180	115.7	115.7	115.7	115.7	115.7	115.7	115.7	115.7	170-180	11.16	1786	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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	599	659
80	420	470
75	375	455
70	367	469
65	381	493
60	410	540
55	2006	708
50	10631	3640
45	26368	13495

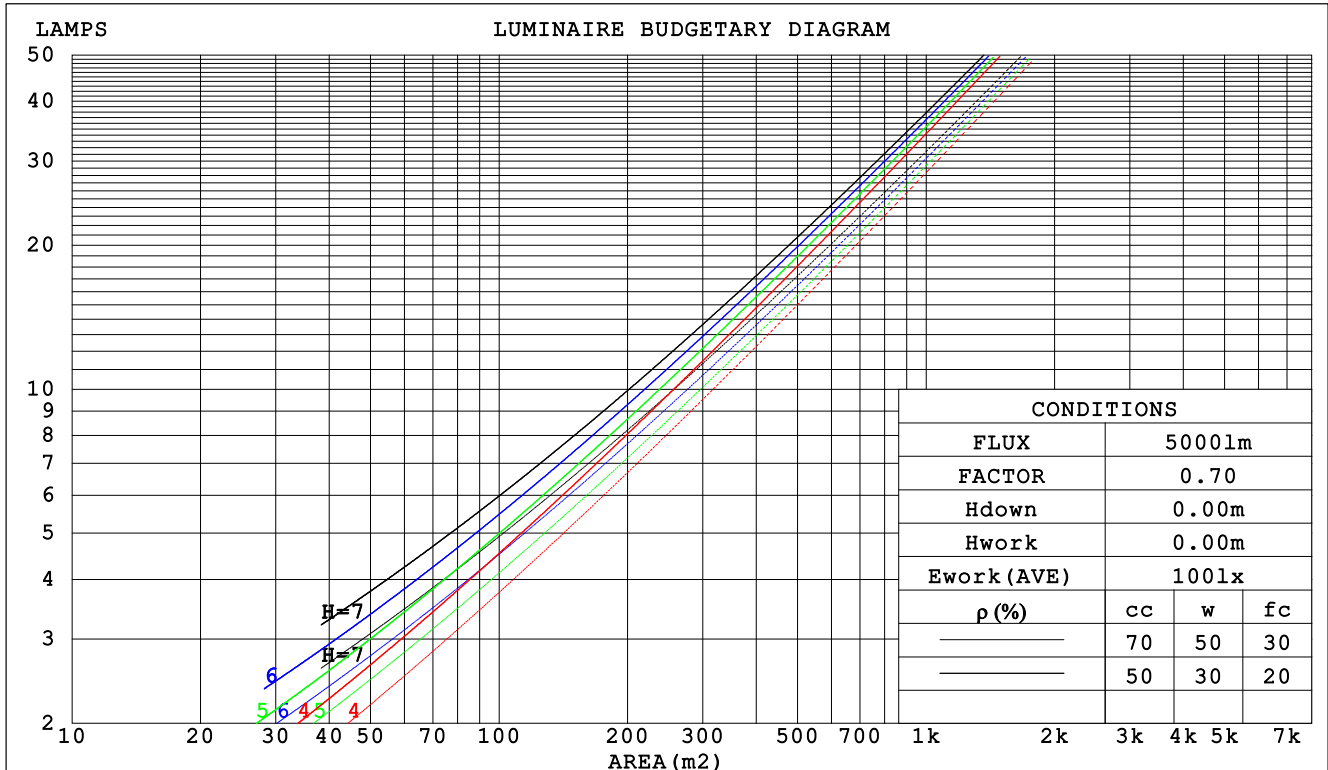
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.12	1.12	1.12	1.07	1.07	1.07	.96	.96	.96	.86	.86	.86	.77	.77	.77	.72
1.0	1.02	.99	.97	.97	.95	.93	.88	.86	.85	.80	.79	.77	.72	.71	.70	.67
2.0	.93	.88	.84	.89	.85	.81	.81	.78	.75	.74	.72	.70	.68	.66	.64	.61
3.0	.85	.79	.75	.81	.76	.72	.75	.71	.68	.69	.66	.63	.63	.61	.59	.56
4.0	.78	.71	.66	.75	.69	.65	.69	.64	.61	.64	.60	.57	.59	.56	.54	.51
5.0	.71	.65	.60	.69	.63	.58	.64	.59	.55	.59	.55	.52	.55	.52	.49	.47
6.0	.66	.59	.54	.63	.57	.53	.59	.54	.50	.55	.51	.48	.51	.48	.45	.43
7.0	.61	.54	.49	.59	.52	.48	.55	.49	.46	.51	.47	.44	.48	.44	.42	.40
8.0	.56	.49	.45	.54	.48	.44	.51	.46	.42	.48	.43	.40	.45	.41	.38	.36
9.0	.52	.45	.41	.50	.44	.40	.47	.42	.39	.44	.40	.37	.42	.38	.36	.34
10.0	.48	.42	.38	.47	.41	.37	.44	.39	.36	.42	.37	.34	.39	.36	.33	.31



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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm					
NAME: 1FT			TYPE:3500K		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:0.29*0.045		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.211	.120	.038	.196	.112	.036	.168	.096	.031	.142	.082	.026	.118	.068	.022		
2.0	.201	.110	.034	.188	.103	.032	.162	.090	.028	.139	.078	.024	.117	.066	.021		
3.0	.191	.101	.030	.179	.096	.029	.156	.084	.026	.134	.074	.023	.115	.063	.020		
4.0	.181	.094	.028	.170	.089	.026	.149	.079	.024	.129	.069	.021	.111	.060	.018		
5.0	.171	.087	.025	.161	.083	.024	.142	.074	.022	.124	.066	.020	.108	.058	.017		
6.0	.162	.081	.023	.153	.077	.022	.136	.069	.020	.119	.062	.018	.104	.055	.016		
7.0	.154	.076	.022	.146	.073	.021	.129	.065	.019	.114	.059	.017	.100	.052	.015		
8.0	.146	.072	.020	.139	.068	.019	.124	.062	.018	.110	.056	.016	.097	.050	.014		
9.0	.139	.067	.019	.132	.064	.018	.118	.059	.017	.105	.053	.015	.093	.047	.014		
10.0	.133	.064	.018	.126	.061	.017	.113	.055	.016	.101	.050	.014	.090	.045	.013		

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	.402	.402	.402	.343	.343	.343	.234	.234	.234	.135	.135	.135	.043	.043	.043	
1.0	.386	.370	.355	.331	.317	.306	.226	.218	.211	.130	.126	.123	.042	.041	.040	
2.0	.374	.347	.323	.321	.298	.279	.220	.206	.195	.127	.120	.114	.041	.039	.037	
3.0	.365	.329	.301	.313	.284	.261	.215	.197	.183	.124	.115	.108	.040	.037	.035	
4.0	.356	.316	.285	.306	.273	.247	.210	.190	.174	.122	.111	.103	.039	.036	.034	
5.0	.349	.305	.273	.300	.264	.238	.206	.185	.168	.120	.108	.100	.039	.035	.033	
6.0	.343	.297	.264	.294	.257	.230	.203	.180	.163	.118	.106	.097	.038	.035	.032	
7.0	.337	.290	.258	.290	.252	.224	.200	.176	.159	.116	.104	.095	.038	.034	.031	
8.0	.332	.285	.252	.285	.247	.220	.197	.173	.156	.115	.102	.093	.037	.034	.031	
9.0	.327	.280	.248	.281	.243	.217	.195	.171	.154	.114	.101	.092	.037	.033	.030	
10.0	.322	.276	.245	.278	.240	.214	.193	.169	.152	.112	.100	.091	.036	.033	.030	

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm										
NAME: 1FT					TYPE:3500K			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	19.9	20.8	20.5	21.4	22.0	18.5	19.4	19.1	20.0	20.6
3H	19.6	20.4	20.3	21.1	21.8	18.3	19.1	18.9	19.7	20.4
4H	19.5	20.3	20.2	20.9	21.6	18.1	18.9	18.8	19.5	20.2
6H	19.4	20.1	20.0	20.7	21.5	18.0	18.7	18.7	19.3	20.1
8H	19.3	20.0	20.0	20.6	21.4	17.9	18.6	18.6	19.2	20.0
12H	19.2	19.8	19.9	20.5	21.3	17.8	18.5	18.5	19.1	19.9
4H 2H	19.5	20.3	20.2	20.9	21.6	18.1	18.9	18.8	19.5	20.3
3H	19.2	19.9	19.9	20.5	21.3	17.9	18.5	18.6	19.2	20.0
4H	19.1	19.6	19.8	20.3	21.2	17.7	18.3	18.4	19.0	19.8
6H	18.9	19.4	19.7	20.2	21.0	17.6	18.0	18.3	18.8	19.7
8H	18.9	19.3	19.6	20.1	20.9	17.5	17.9	18.3	18.7	19.6
12H	18.8	19.2	19.6	19.9	20.9	17.4	17.8	18.2	18.6	19.5
8H 4H	18.8	19.3	19.6	20.0	20.9	17.5	17.9	18.3	18.7	19.6
6H	18.7	19.1	19.5	19.8	20.8	17.3	17.7	18.1	18.5	19.4
8H	18.6	18.9	19.4	19.7	20.7	17.2	17.6	18.1	18.4	19.3
12H	18.5	18.8	19.4	19.6	20.6	17.2	17.4	18.0	18.3	19.3
12H 4H	18.8	19.2	19.6	19.9	20.9	17.4	17.8	18.2	18.6	19.5
6H	18.6	18.9	19.4	19.7	20.7	17.2	17.6	18.1	18.4	19.3
8H	18.5	18.8	19.4	19.6	20.6	17.2	17.4	18.0	18.3	19.2
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / -17.0					+ 3.1 / -16.1				
1.5H	+ 3.4 / - 8.9					+ 3.4 / -13.8				
2.0H	+ 6.6 / -17.3					+ 6.1 / -13.3				

CIE Pub.117 Corrected 1786 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.0)

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

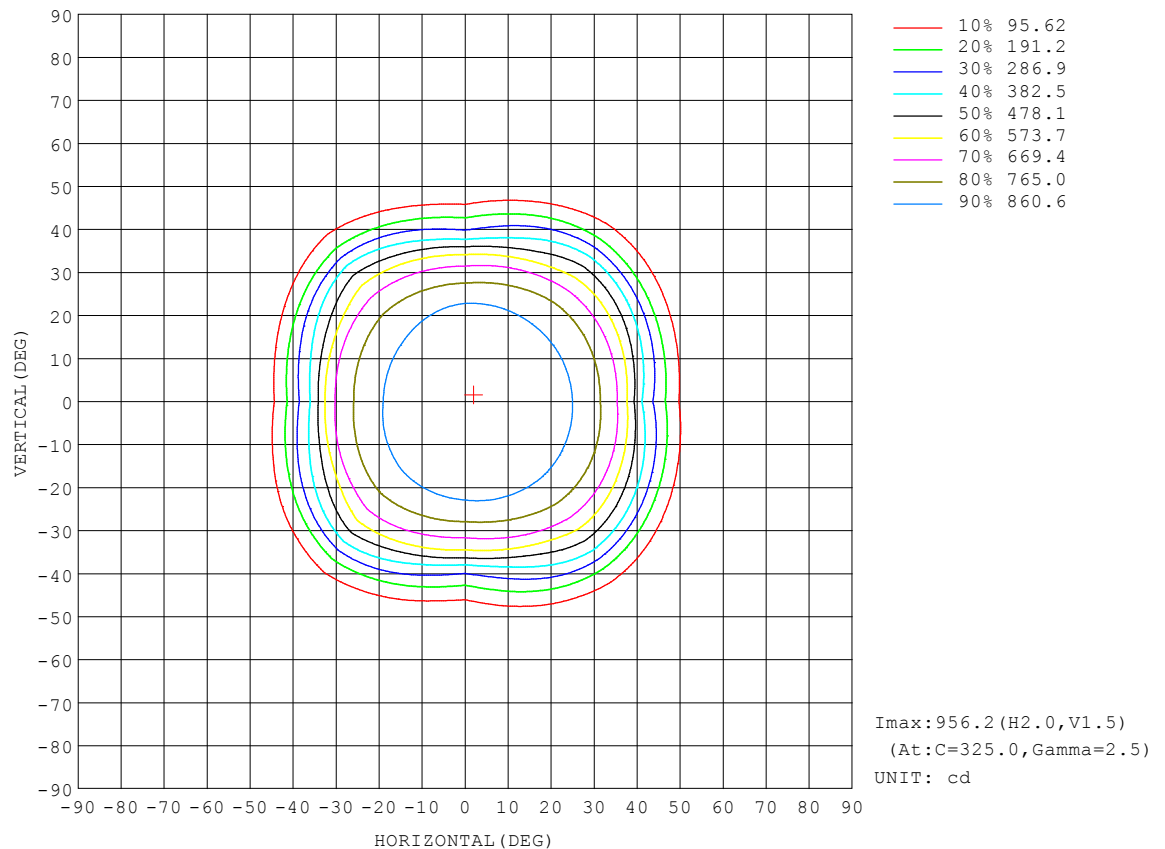
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	59	54	66	58	54	63	57	53	47
0.80	76	68	63	74	66	62	70	64	60	54
1.00	82	74	69	80	72	68	75	70	66	58
1.25	87	80	75	84	78	73	79	74	70	62
1.50	91	84	79	88	82	77	82	77	74	64
2.00	96	89	85	92	86	82	85	81	78	66
2.50	98	93	88	94	89	85	87	83	80	67
3.00	101	95	91	96	92	88	88	85	83	68
4.00	103	99	96	99	95	92	90	88	85	69
5.00	105	102	99	100	97	95	91	89	87	70
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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

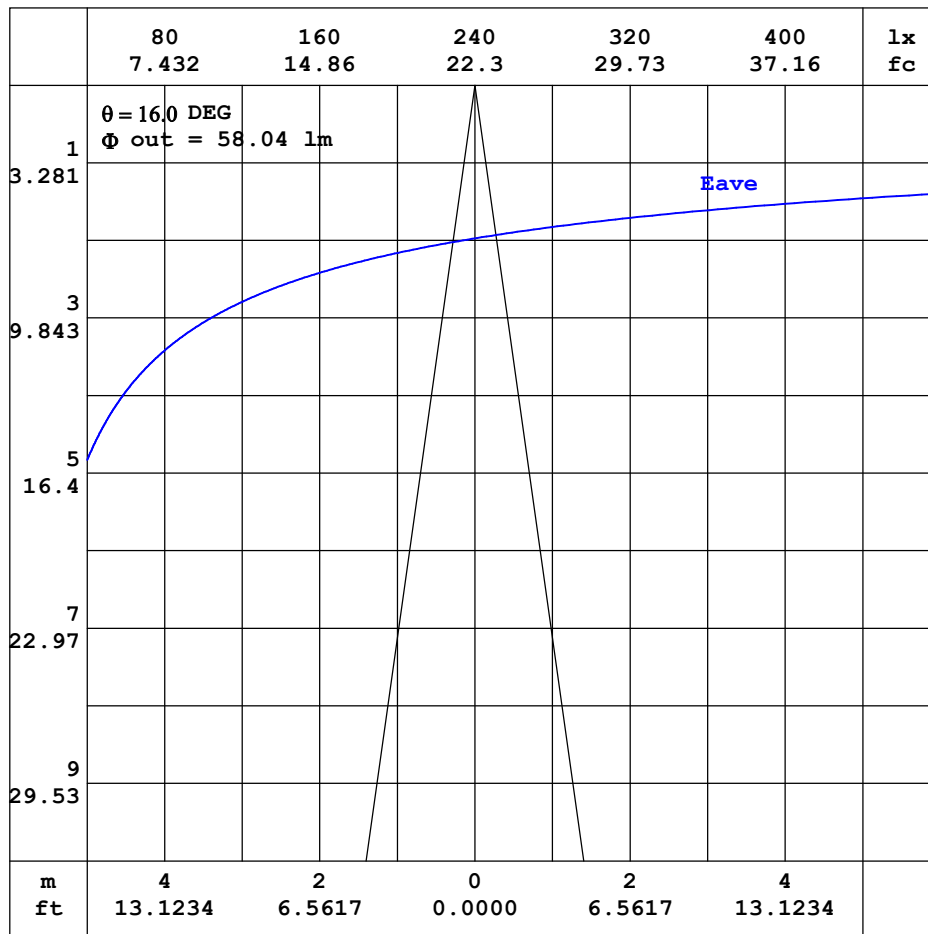


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:



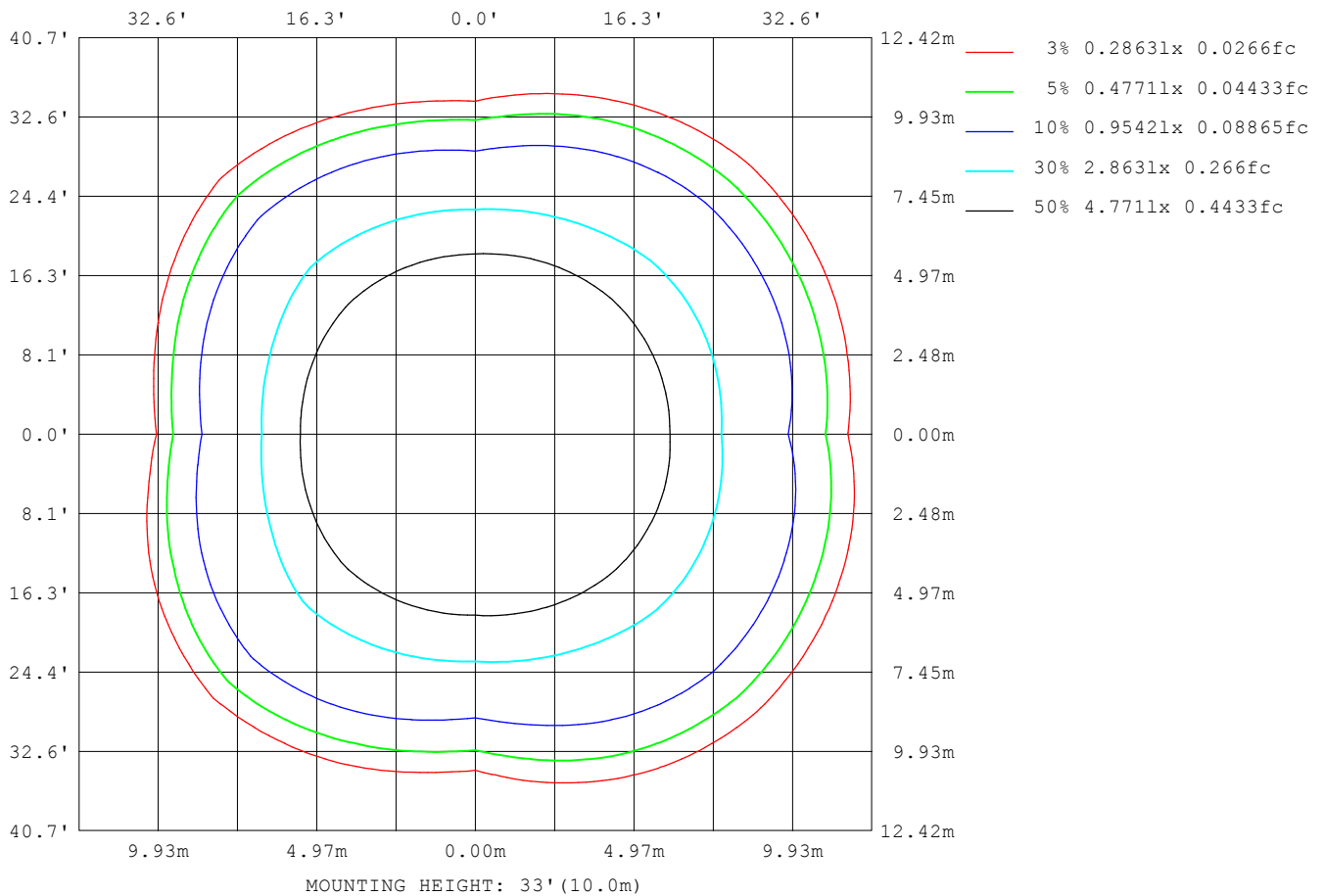
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.29*0.045	Shielding Angle:

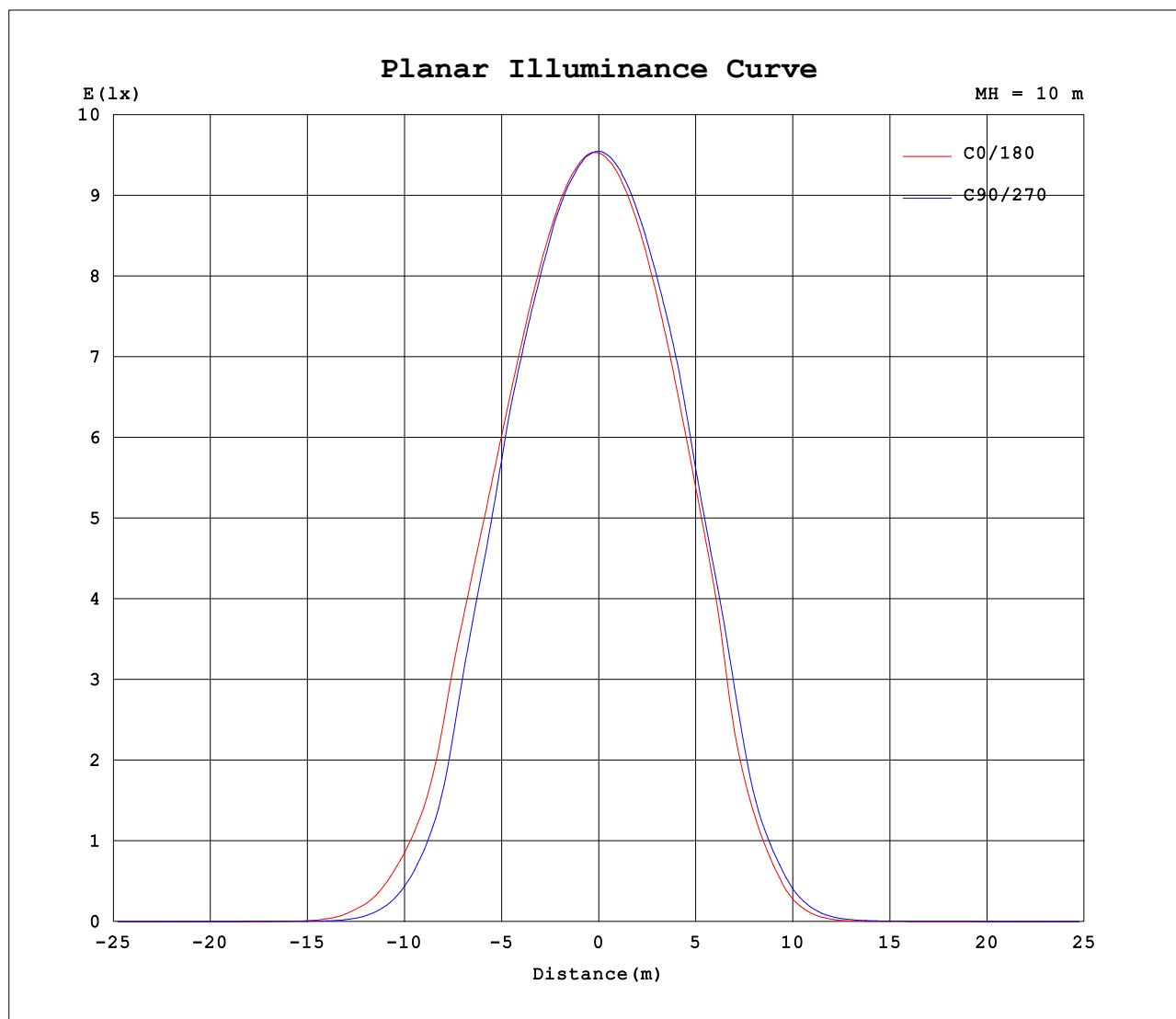
AvgL	cd/m2
L_0~180 (65) av	336
L_0~180 (75) av	312
L_0~180 (85) av	481
L_90~270 (65) av	554
L_90~270 (75) av	536
L_90~270 (85) av	792
L_45 (65) av	471
L_45 (75) av	467
L_45 (85) av	821

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	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	953	953	953	953	953	953	953	953	953	953	953	954	954	954	954	954	954	955	955
5	955	955	955	955	955	955	955	955	955	954	954	954	954	954	953	953	953	952	952
10	948	949	949	949	949	949	949	949	948	948	948	947	947	946	946	945	944	944	943
15	933	934	935	935	935	935	935	935	934	934	932	931	930	928	927	925	924	922	921
20	906	906	907	907	907	907	907	906	906	905	903	902	900	898	896	894	892	890	888
25	860	861	862	862	863	862	862	861	860	859	856	854	851	848	845	842	839	836	834
30	791	795	798	800	801	801	800	799	796	792	784	775	766	756	746	737	728	721	714
35	680	688	695	700	702	704	703	700	696	690	675	659	643	626	609	593	577	564	552
40	439	467	491	511	526	537	544	547	545	538	513	485	455	423	392	361	333	307	286
45	242	272	298	319	336	349	357	361	361	357	335	310	283	254	225	196	169	145	124
50	88.8	104	118	129	138	145	149	152	152	150	139	126	112	97.4	82.5	67.9	54.0	41.3	30.4
55	15.0	22.6	29.2	34.9	39.6	43.4	46.2	48.1	49.0	48.9	45.3	40.8	35.8	30.4	24.9	19.4	14.2	9.42	5.28
60	2.67	4.95	6.98	8.74	10.2	11.5	12.4	13.1	13.6	13.8	13.0	12.1	11.0	9.75	8.45	7.13	5.83	4.61	3.51
65	2.09	2.14	2.19	2.24	2.28	2.32	2.36	2.40	2.44	2.47	2.51	2.55	2.59	2.62	2.65	2.67	2.69	2.70	2.71
70	1.63	1.66	1.69	1.72	1.75	1.77	1.80	1.83	1.85	1.88	1.91	1.94	1.97	2.00	2.03	2.05	2.06	2.08	2.09
75	1.26	1.30	1.33	1.36	1.39	1.41	1.44	1.46	1.48	1.49	1.50	1.52	1.53	1.53	1.54	1.54	1.54	1.53	1.53
80	0.95	0.99	1.02	1.05	1.08	1.10	1.12	1.14	1.15	1.16	1.16	1.15	1.14	1.13	1.12	1.11	1.09	1.08	1.06
85	0.68	0.72	0.76	0.79	0.82	0.84	0.86	0.87	0.88	0.89	0.88	0.87	0.85	0.84	0.82	0.80	0.78	0.76	0.75
90	10.2	10.0	9.74	9.44	9.10	8.71	8.29	7.83	7.33	6.80	6.04	5.25	4.45	3.66	2.88	2.14	1.44	0.80	0.24
95	30.5	31.2	31.6	31.7	31.5	31.1	30.4	29.5	28.2	26.7	23.8	20.8	17.6	14.4	11.3	8.27	5.50	3.04	0.98
100	61.2	60.8	60.1	59.1	57.7	56.1	54.2	52.0	49.5	46.8	42.0	37.1	32.2	27.3	22.6	18.3	14.4	11.1	8.52
105	77.4	76.7	75.7	74.3	72.7	70.7	68.4	65.8	62.9	59.7	54.3	48.7	43.0	37.5	32.2	27.4	23.1	19.4	16.6
110	93.3	92.6	91.5	90.0	88.2	86.1	83.6	80.7	77.5	73.8	67.7	61.4	55.1	48.8	42.9	37.4	32.5	28.4	25.2
115	110	109	108	106	104	101	98.2	94.9	91.2	87.1	80.3	73.3	66.4	59.5	53.1	47.1	41.8	37.4	34.0
120	126	124	122	120	118	115	111	108	104	99.3	92.0	84.6	77.1	69.8	62.9	56.6	51.0	46.4	42.9
125	141	138	136	133	130	127	123	119	115	110	102	94.5	86.7	79.2	72.1	65.7	60.0	55.3	51.8
130	153	150	147	144	140	136	132	127	122	117	110	102	94.2	86.9	80.0	73.8	68.3	63.9	60.6
135	161	157	154	150	145	141	136	132	127	122	114	107	100	93.2	86.9	81.1	76.2	72.3	69.4
140	163	159	155	151	147	142	138	133	129	124	117	111	105	98.5	92.9	87.9	83.7	80.3	77.9
145	160	156	152	148	144	140	137	133	128	124	119	113	108	103	98.3	94.2	90.7	87.9	86.0
150	152	149	146	143	140	136	133	130	127	124	119	115	111	107	103	99.7	97.0	94.8	93.3
155	143	140	138	136	134	131	129	127	125	122	119	116	113	110	107	105	103	101	100
160	134	133	131	130	128	127	125	124	122	120	118	116	114	112	110	109	107	106	106
165	126	126	125	124	123	122	121	121	120	119	117	116	115	114	113	112	111	111	110
170	121	120	120	120	119	119	119	118	118	117	117	116	116	115	115	114	114	114	114
175	118	117	117	117	117	117	117	117	117	117	116	116	116	116	116	116	116	116	116
180	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	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	955	955	955	955	955	955	955	955	955	955	955	955	954	954	954	953	953	953	953
5	952	952	951	951	951	951	950	950	949	949	948	947	946	945	945	944	943	943	943
10	942	942	941	940	939	939	938	937	936	934	933	931	930	929	927	926	925	924	924
15	920	919	919	918	917	916	915	914	913	911	909	907	904	902	900	898	897	895	895
20	887	886	885	884	882	881	879	878	876	873	870	867	864	861	858	855	853	851	850
25	832	831	830	829	828	826	825	823	821	816	811	806	801	796	792	788	784	781	782
30	715	718	722	725	730	734	737	741	743	736	729	721	713	704	696	688	682	676	678
35	559	567	576	587	597	606	614	620	624	604	582	558	533	509	485	464	445	429	440
40	300	318	339	361	385	408	429	448	463	443	419	392	364	335	306	280	256	236	250
45	133	145	160	176	193	211	227	241	253	238	219	199	178	156	134	114	95.3	79.7	87.6
50	34.1	39.6	46.4	54.1	62.3	70.5	78.3	85.3	91.1	84.2	75.9	66.8	57.0	47.1	37.4	28.3	20.1	13.3	17.9
55	6.87	9.14	11.9	15.1	18.4	21.7	24.9	27.8	30.2	27.9	25.0	21.9	18.4	14.9	11.5	8.21	5.26	2.78	4.34
60	3.63	3.88	4.25	4.69	5.18	5.69	6.19	6.64	7.02	6.58	6.06	5.48	4.86	4.24	3.63	3.05	2.53	2.10	2.33
65	2.70	2.68	2.65	2.62	2.59	2.54	2.49	2.44	2.37	2.27	2.16	2.05	1.94	1.84	1.76	1.69	1.63	1.60	1.68
70	2.08	2.07	2.05	2.03	2.00	1.97	1.93	1.89	1.84	1.75	1.66	1.57	1.48	1.40	1.32	1.26	1.22	1.19	1.25
75	1.53	1.52	1.51	1.50	1.48	1.46	1.44	1.41	1.37	1.30	1.23	1.15	1.08	1.01	0.95	0.90	0.86	0.84	0.89
80	1.06	1.06	1.06	1.06	1.06	1.06	1.05	1.03	1.02	0.96	0.90	0.84	0.78	0.73	0.68	0.64	0.60	0.58	0.62
85	0.76	0.77	0.79	0.81	0.82	0.83	0.84	0.84	0.84	0.79	0.74	0.69	0.63	0.57	0.52	0.48	0.44	0.41	0.45
90	0.29	0.35	0.42	0.49	0.56	0.63	0.70	0.76	0.81	0.77	0.72	0.66	0.59	0.52	0.46	0.39	0.34	0.29	0.34
95	1.57	2.55	3.85	5.39	7.09	8.86	10.6	12.3	13.8	13.4	12.7	11.9	11.0	10.1	9.21	8.36	7.64	7.08	8.28
100	10.3	12.9	15.9	19.3	23.0	26.8	30.5	34.1	37.3	36.9	36.1	35.0	33.7	32.3	30.8	29.4	28.1	26.9	28.6
105	18.6	21.4	25.0	29.0	33.4	38.1	42.9	47.7	52.2	54.4	56.1	57.6	58.8	59.8	60.5	60.9	61.1	61.1	61.4
110	27.4	30.5	34.5	39.0	44.0	49.3	54.8	60.3	65.6	68.6	71.3	73.6	75.7	77.4	78.7	79.8	80.4	80.8	80.7
115	36.6	40.2	44.7	49.8	55.5	61.5	67.6	73.8	79.7	82.8	85.6	87.9	90.0	91.6	92.9	93.8	94.4	94.6	94.6
120	45.7	49.6	54.5	60.2	66.3	72.8	79.5	86.2	92.6	96.1	99.1	102	104	106	107	108	109	109	109
125	54.8	58.9	64.1	70.0	76.5	83.3	90.4	97.4	104	108	112	115	117	119	121	122	123	123	123
130	63.7	67.8	73.0	78.9	85.5	92.4	99.5	107	114	118	122	125	128	131	133	134	136	136	135
135	72.2	76.2	81.0	86.6	92.8	99.4	106	113	120	125	129	133	137	140	143	145	146	147	146
140	80.4	83.8	88.1	93.1	98.6	105	111	117	123	128	133	138	142	146	149	151	153	154	153
145	88.0	90.9	94.5	98.7	103	109	114	119	125	130	134	139	143	147	150	153	155	156	154
150	95.0	97.3	100	104	107	111	116	120	125	129	133	137	140	144	147	149	151	152	150
155	101	103	105	108	111	114	117	120	124	127	130	133	136	138	141	142	144	145	143
160	106	108	109	111	113	115	117	120	122	124	126	129	130	132	134	135	136	137	136
165	111	111	112	114	115	116	117	119	120	122	123	124	125	126	127	128	129	129	128
170	114	114	115	115	116	117	117	118	119	119	120	121	121	122	122	122	123	123	122
175	116	116	116	116	116	117	117	117	117	117	118	118	118	118	118	119	119	119	119
180	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm		
NAME: 1FT	TYPE:3500K	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	953	953	953	953	953	953	953	953	953	954	954	954	954	954	954	955	955	955	955
5	943	943	943	943	943	944	944	945	945	946	946	947	948	948	949	949	950	951	951
10	924	924	925	925	926	926	927	928	929	930	931	933	934	935	936	937	938	939	940
15	895	895	895	896	897	898	899	901	903	905	906	908	910	912	914	916	918	919	920
20	851	851	852	853	855	856	858	861	864	867	870	873	877	880	883	886	888	890	890
25	783	785	787	790	793	796	800	803	805	807	809	810	812	814	816	818	820	823	826
30	682	686	691	697	702	708	714	719	718	716	714	712	710	709	708	707	707	713	720
35	454	471	490	511	532	552	571	589	585	580	572	564	556	547	539	532	527	538	550
40	267	288	311	335	359	381	402	420	408	392	375	356	337	319	303	289	278	297	320
45	98.5	112	126	142	158	173	187	200	192	182	170	159	147	136	127	120	115	133	153
50	23.9	30.9	38.7	46.7	54.8	62.6	69.6	75.6	71.1	65.6	59.3	52.7	46.1	39.8	34.2	29.6	26.4	34.0	43.0
55	6.38	8.78	11.4	14.2	16.9	19.6	22.0	24.0	22.3	20.2	17.9	15.5	13.1	10.8	8.80	7.19	6.10	9.35	13.1
60	2.64	3.03	3.46	3.93	4.41	4.88	5.33	5.73	5.58	5.39	5.17	4.95	4.73	4.54	4.40	4.32	4.32	5.08	5.92
65	1.78	1.90	2.03	2.17	2.32	2.48	2.63	2.78	2.89	2.99	3.08	3.16	3.22	3.28	3.33	3.36	3.37	3.34	3.29
70	1.34	1.44	1.55	1.67	1.80	1.92	2.05	2.18	2.27	2.35	2.43	2.50	2.56	2.61	2.65	2.68	2.69	2.67	2.64
75	0.96	1.05	1.14	1.24	1.34	1.44	1.55	1.65	1.72	1.79	1.85	1.91	1.96	2.00	2.03	2.06	2.07	2.07	2.05
80	0.68	0.74	0.81	0.89	0.97	1.05	1.13	1.21	1.26	1.31	1.35	1.39	1.42	1.45	1.48	1.50	1.51	1.52	1.52
85	0.49	0.54	0.60	0.66	0.72	0.79	0.85	0.92	0.94	0.97	0.99	1.00	1.02	1.03	1.04	1.04	1.05	1.06	1.07
90	0.39	0.45	0.51	0.58	0.65	0.72	0.78	0.83	0.78	0.76	0.73	0.70	0.66	0.63	0.59	0.56	0.54	1.06	1.65
95	9.64	11.1	12.6	14.0	15.3	16.5	17.5	18.1	16.4	14.3	12.1	9.86	7.59	5.43	3.45	1.77	0.45	1.70	3.36
100	30.4	32.3	34.2	36.1	37.8	39.1	40.1	40.7	37.5	33.9	30.0	26.0	21.9	18.0	14.3	11.1	8.42	9.24	10.7
105	61.4	61.2	60.8	60.1	59.1	57.8	56.1	54.1	49.6	44.9	40.1	35.4	30.8	26.4	22.5	19.2	16.5	17.6	19.4
110	80.3	79.5	78.3	76.8	75.0	72.8	70.2	67.3	62.0	56.5	51.0	45.5	40.4	35.6	31.3	27.8	25.1	27.1	30.0
115	94.2	93.5	92.4	90.9	89.1	86.8	84.2	81.1	75.2	69.0	62.7	56.6	50.7	45.4	40.7	36.8	33.9	36.8	40.7
120	108	108	106	104	102	99.7	96.7	93.2	86.8	80.0	73.2	66.6	60.3	54.6	49.5	45.4	42.4	45.8	50.2
125	122	121	119	117	115	111	108	104	97.3	90.2	83.2	76.3	69.7	63.8	58.6	54.3	51.2	54.5	58.9
130	134	132	130	127	124	121	117	112	105	98.5	91.4	84.6	78.2	72.3	67.2	63.1	60.1	63.0	67.1
135	144	142	139	136	132	127	123	118	111	104	97.7	91.3	85.3	79.9	75.2	71.4	68.6	71.1	74.7
140	151	148	144	140	136	131	126	121	114	108	102	96.6	91.3	86.6	82.5	79.2	76.9	78.9	81.9
145	152	149	145	141	136	132	127	122	116	111	106	101	96.8	92.9	89.6	86.9	85.0	86.6	88.9
150	148	145	142	138	134	130	126	121	117	113	109	105	102	98.6	96.0	94.0	92.6	93.7	95.5
155	142	139	137	134	131	127	124	120	117	114	111	108	106	104	102	100	99.3	100	101
160	134	133	131	129	126	124	122	119	117	115	113	111	109	108	107	106	105	105	106
165	127	126	125	124	122	121	119	118	117	115	114	113	112	111	111	110	110	110	110
170	122	121	121	120	119	119	118	117	116	116	115	115	114	114	114	113	113	113	113
175	118	118	118	118	117	117	117	116	116	116	116	116	116	116	116	116	116	116	116
180	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116

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:0.1280A P:15.20W PF:0.9900 Freq:60.00Hz Lamp Flux:1785.68x1 lm																	
NAME: 1FT									TYPE:3500K						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	955	955	955	955	955	955	955	955	955	955	955	954	954	954	953				
5	952	952	952	953	953	954	954	954	954	954	954	955	955	955	955				
10	941	941	942	942	943	943	944	944	945	945	946	946	947	947	948				
15	921	922	923	923	924	925	925	926	927	928	929	930	930	931	932				
20	891	892	892	892	893	893	893	894	896	897	898	899	901	902	904				
25	829	832	835	838	840	843	846	848	850	852	854	855	857	858	859				
30	727	735	743	752	760	768	775	779	783	786	789	790	791	792	792				
35	564	579	595	611	627	642	657	665	671	676	680	683	684	684	683				
40	345	372	400	428	455	481	503	510	514	514	510	503	492	478	460				
45	175	198	222	246	269	290	308	314	316	315	311	303	293	279	262				
50	53.0	63.7	74.7	85.6	96.2	106	115	118	119	119	117	114	110	104	97.4				
55	17.1	21.4	25.7	29.8	33.7	37.2	40.1	40.2	39.6	38.3	36.2	33.4	29.9	25.6	20.7				
60	6.79	7.66	8.51	9.30	10.00	10.6	11.0	10.8	10.4	9.89	9.15	8.22	7.11	5.81	4.33				
65	3.23	3.16	3.08	3.00	2.90	2.81	2.72	2.65	2.57	2.50	2.44	2.37	2.30	2.23	2.16				
70	2.60	2.55	2.49	2.43	2.36	2.29	2.21	2.15	2.09	2.03	1.97	1.90	1.84	1.77	1.70				
75	2.03	2.00	1.96	1.92	1.87	1.82	1.77	1.72	1.68	1.62	1.57	1.51	1.45	1.39	1.33				
80	1.52	1.51	1.50	1.48	1.46	1.44	1.41	1.37	1.33	1.29	1.25	1.19	1.14	1.08	1.02				
85	1.08	1.09	1.10	1.10	1.09	1.09	1.07	1.05	1.02	0.99	0.95	0.91	0.86	0.80	0.74				
90	2.30	2.98	3.70	4.43	5.18	5.91	6.63	7.15	7.64	8.11	8.54	8.94	9.31	9.65	9.96				
95	5.34	7.60	10.1	12.7	15.3	18.0	20.6	22.2	23.7	25.1	26.3	27.4	28.3	29.2	29.9				
100	12.7	15.2	18.1	21.3	24.8	28.5	32.3	35.3	38.3	41.4	44.6	47.8	51.1	54.4	57.8				
105	21.9	25.0	28.5	32.4	36.6	41.0	45.5	48.9	52.4	55.8	59.3	62.9	66.4	70.1	73.7				
110	33.7	38.0	42.7	47.9	53.3	58.8	64.4	68.1	71.7	75.2	78.5	81.7	84.8	87.8	90.6				
115	45.5	51.0	57.1	63.5	70.1	76.8	83.3	87.5	91.3	94.9	98.1	101	104	106	109				
120	55.6	61.7	68.4	75.5	82.9	90.2	97.4	102	106	110	113	116	119	122	124				
125	64.3	70.5	77.3	84.6	92.2	99.8	107	112	117	121	125	129	132	135	138				
130	72.1	78.0	84.5	91.5	98.9	106	114	119	124	129	133	138	142	146	150				
135	79.2	84.4	90.4	96.8	104	111	118	123	128	133	138	143	147	152	157				
140	85.7	90.2	95.3	101	107	113	119	124	129	134	139	144	149	154	158				
145	92.0	95.6	99.8	104	109	115	120	124	128	133	137	141	146	150	155				
150	97.8	101	104	107	111	115	119	123	126	130	133	137	140	144	148				
155	103	105	107	110	112	115	118	121	123	126	129	131	134	137	140				
160	107	109	110	112	113	115	117	119	121	122	124	126	128	130	132				
165	111	112	112	113	114	115	116	117	118	119	120	122	123	124	125				
170	114	114	114	115	115	115	116	116	117	117	118	118	119	119	120				
175	116	116	116	116	116	116	116	116	116	116	117	117	117	117	117				
180	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116				

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: