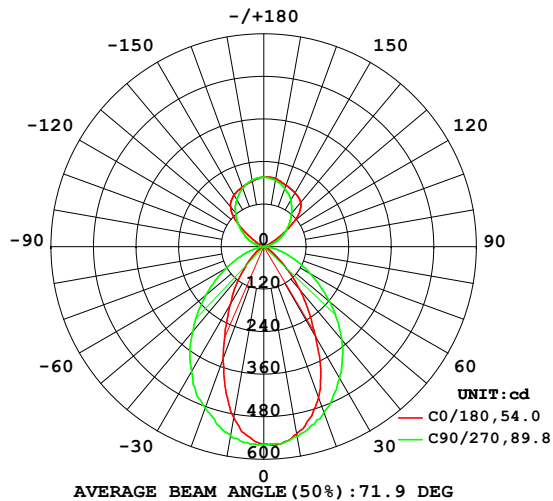


LUMINAIRE PHOTOMETRIC TEST REPORT

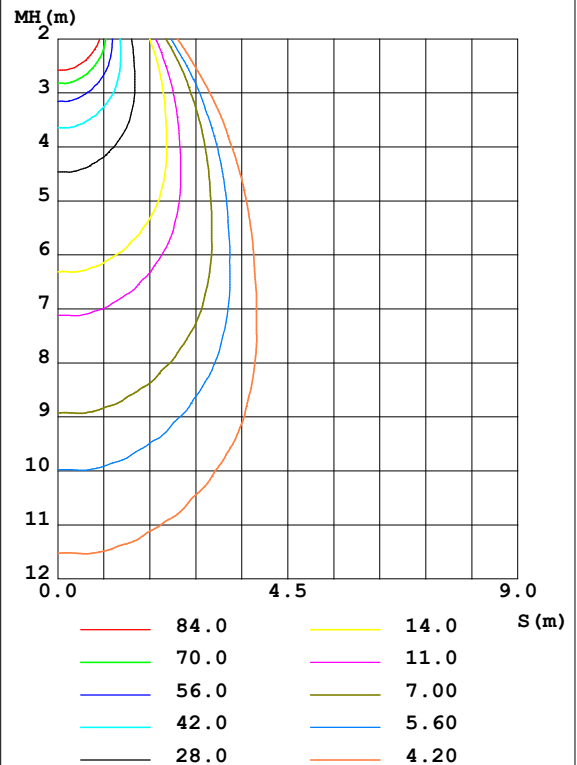
Test:U:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.67 lm/W			
MODEL	黑色	I _{max} (cd)	561.1	S/MH (C0/180)	0.94
NOMINAL POWER (W)	15W	LOR (%)	100.0	S/MH (C90/270)	1.11
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	1244.7	η UP, DN (C0-180)	17.8, 33.6
NOMINAL FLUX (lm)	1244.7	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	18.3, 30.3
LAMPS INSIDE	1	η up (%)	36.1	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	120.0	η down (%)	63.9	CIBSE SHR MAX	1.00

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:

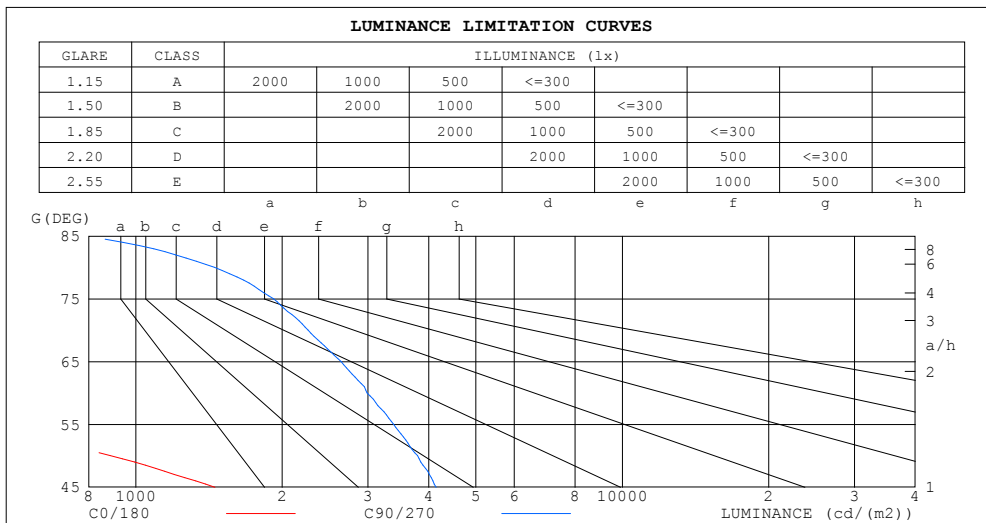
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	536.3	545.7	544.5	527.9	489.5	514.0	540.8	537.6	0- 10	51.94	51.94	4.17,4.17
20	453.4	483.4	497.7	420.8	337.3	398.2	484.2	459.9	10- 20	137.3	189.3	15.2,15.2
30	292.9	380.6	428.5	286.7	190.6	262.2	407.6	341.7	20- 30	176.4	365.7	29.4,29.4
40	157.5	244.4	342.7	172.6	95.12	155.5	311.3	203.1	30- 40	166.4	532.1	42.7,42.7
50	56.92	141.4	243.8	97.78	38.15	85.63	214.5	109.9	40- 50	127.7	659.8	53,53
60	17.03	60.33	149.4	42.12	13.68	35.47	123.6	39.38	50- 60	80.75	740.5	59.5,59.5
70	3.597	15.05	77.26	13.08	2.676	10.20	54.00	9.079	60- 70	38.91	779.5	62.6,62.6
80	1.494	2.198	25.22	2.155	1.256	2.061	8.280	2.009	70- 80	13.28	792.7	63.7,63.7
90	1.125	1.460	0.2288	1.497	0.8881	1.712	0.0000	1.763	80- 90	2.637	795.4	63.9,63.9
100	1.830	1.842	5.753	1.823	1.500	2.406	8.596	2.477	90-100	1.724	797.1	64,64
110	7.492	14.74	29.67	11.25	4.405	16.07	33.24	19.34	100-110	9.035	806.1	64.8,64.8
120	34.52	64.36	60.21	55.39	21.18	63.27	61.01	69.82	110-120	33.79	839.9	67.5,67.5
130	114.7	109.0	91.11	103.7	84.28	107.2	91.72	111.9	120-130	69.65	909.6	73.1,73.1
140	161.9	137.9	122.3	134.4	145.5	134.9	124.0	139.2	130-140	93.27	1003	80.6,80.6
150	175.9	158.5	153.7	155.3	168.6	156.7	152.0	160.9	140-150	93.40	1096	88.1,88.1
160	185.1	177.8	174.0	174.5	178.7	175.0	175.1	179.6	150-160	77.90	1174	94.3,94.3
170	194.5	191.1	190.3	188.1	188.1	188.8	190.9	193.0	160-170	52.11	1226	98.5,98.5
180	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	170-180	18.45	1245	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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	141	789
80	86	1453
75	83	1920
70	105	2259
65	204	2640
60	341	2988
55	547	3388
50	885	3792
45	1454	4142

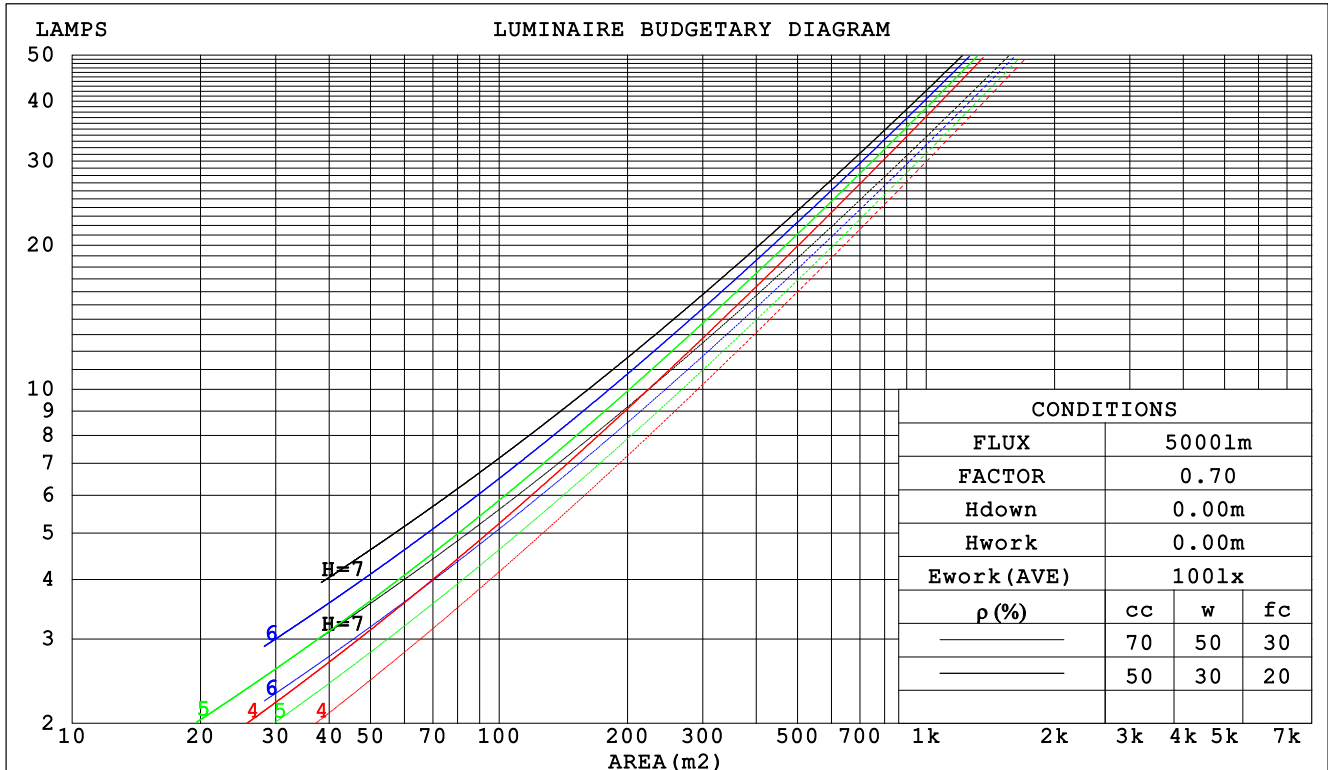
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	1.04	1.04	1.04	.91	.91	.91	.80	.80	.80	.69	.69	.69	.64
1.0	.99	.96	.93	.93	.90	.88	.82	.80	.78	.73	.71	.70	.64	.63	.62	.57
2.0	.88	.83	.79	.84	.79	.75	.74	.71	.68	.66	.63	.61	.58	.56	.55	.51
3.0	.79	.73	.68	.75	.69	.65	.67	.63	.59	.60	.57	.54	.53	.51	.49	.45
4.0	.72	.64	.59	.68	.62	.57	.61	.56	.52	.55	.51	.48	.49	.46	.43	.40
5.0	.65	.57	.52	.62	.55	.50	.56	.50	.46	.50	.46	.43	.45	.42	.39	.36
6.0	.59	.52	.46	.56	.49	.45	.51	.46	.41	.46	.42	.38	.41	.38	.35	.33
7.0	.54	.47	.41	.52	.45	.40	.47	.41	.37	.42	.38	.35	.38	.35	.32	.30
8.0	.50	.42	.37	.47	.41	.36	.43	.38	.34	.39	.35	.32	.36	.32	.30	.27
9.0	.46	.39	.34	.44	.37	.33	.40	.35	.31	.37	.32	.29	.33	.30	.27	.25
10.0	.42	.36	.31	.41	.34	.30	.37	.32	.29	.34	.30	.27	.31	.28	.25	.23



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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm					
NAME: 12代 1FT			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:		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	.240	.136	.043	.222	.127	.040	.189	.108	.035	.158	.091	.029	.130	.075	.024		
2.0	.228	.125	.038	.212	.117	.036	.182	.101	.031	.154	.086	.027	.128	.073	.023		
3.0	.214	.114	.034	.200	.107	.032	.172	.093	.028	.147	.080	.025	.123	.068	.021		
4.0	.201	.104	.031	.188	.098	.029	.163	.086	.026	.139	.075	.023	.118	.064	.019		
5.0	.188	.096	.028	.176	.090	.026	.153	.080	.024	.132	.070	.021	.112	.060	.018		
6.0	.177	.089	.025	.166	.084	.024	.145	.074	.022	.125	.065	.019	.107	.056	.017		
7.0	.166	.082	.023	.156	.078	.022	.137	.069	.020	.118	.061	.018	.101	.053	.015		
8.0	.157	.077	.022	.148	.073	.021	.129	.065	.018	.112	.057	.016	.096	.050	.014		
9.0	.148	.072	.020	.140	.068	.019	.123	.061	.017	.107	.054	.015	.092	.047	.013		
10.0	.140	.067	.019	.132	.064	.018	.117	.057	.016	.102	.051	.014	.088	.044	.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	.466	.466	.466	.398	.398	.398	.272	.272	.272	.156	.156	.156	.050	.050	.050	
1.0	.453	.434	.417	.387	.373	.359	.265	.256	.248	.153	.148	.144	.049	.048	.047	
2.0	.443	.411	.385	.379	.354	.333	.260	.245	.232	.150	.143	.136	.048	.046	.044	
3.0	.434	.395	.363	.372	.340	.315	.256	.236	.221	.148	.138	.130	.047	.045	.043	
4.0	.427	.382	.347	.366	.330	.302	.252	.230	.213	.146	.135	.126	.047	.044	.041	
5.0	.420	.372	.336	.361	.322	.293	.248	.225	.207	.144	.132	.123	.046	.043	.040	
6.0	.414	.364	.328	.355	.315	.286	.245	.221	.202	.142	.130	.120	.046	.042	.040	
7.0	.408	.357	.322	.351	.310	.281	.242	.217	.199	.141	.128	.118	.045	.042	.039	
8.0	.402	.352	.317	.346	.305	.277	.240	.214	.196	.139	.126	.117	.045	.041	.039	
9.0	.397	.347	.314	.342	.301	.274	.237	.212	.194	.138	.125	.116	.045	.041	.038	
10.0	.392	.343	.311	.338	.298	.271	.235	.210	.193	.137	.124	.115	.044	.041	.038	

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

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

UGR(Unified Glare Rating) Table

Test:U:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm										
NAME: 12代 1FT					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:			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	9.4	10.3	10.1	11.0	11.8	15.0	15.9	15.7	16.6	17.4
3H	9.1	9.9	9.8	10.6	11.5	15.8	16.7	16.6	17.4	18.3
4H	8.9	9.7	9.7	10.5	11.4	16.1	16.9	16.9	17.7	18.6
6H	8.8	9.5	9.6	10.3	11.2	16.3	17.0	17.1	17.8	18.7
8H	8.7	9.4	9.5	10.2	11.1	16.3	17.0	17.1	17.8	18.7
12H	8.6	9.3	9.4	10.1	11.0	16.3	16.9	17.1	17.7	18.7
4H 2H	9.7	10.5	10.5	11.3	12.2	14.7	15.5	15.4	16.2	17.1
3H	9.5	10.1	10.3	10.9	11.9	15.6	16.3	16.4	17.1	18.0
4H	9.3	9.9	10.1	10.7	11.7	16.0	16.6	16.8	17.4	18.4
6H	9.1	9.7	10.0	10.5	11.5	16.3	16.8	17.1	17.6	18.6
8H	9.1	9.5	9.9	10.4	11.4	16.3	16.8	17.2	17.6	18.7
12H	9.0	9.4	9.9	10.3	11.3	16.3	16.7	17.2	17.6	18.6
8H 4H	9.3	9.8	10.2	10.6	11.7	15.8	16.3	16.6	17.1	18.1
6H	9.1	9.5	10.0	10.4	11.5	16.1	16.4	16.9	17.3	18.4
8H	9.0	9.4	9.9	10.3	11.4	16.1	16.5	17.0	17.3	18.5
12H	9.0	9.2	9.9	10.2	11.3	16.1	16.4	17.0	17.3	18.4
12H 4H	9.3	9.7	10.1	10.6	11.6	15.7	16.1	16.6	17.0	18.0
6H	9.1	9.4	10.0	10.3	11.4	16.0	16.3	16.9	17.2	18.3
8H	9.0	9.3	9.9	10.2	11.3	16.0	16.3	17.0	17.2	18.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 3.5					+ 0.3 / - 0.4				
1.5H	+ 1.2 / - 3.0					+ 0.5 / - 0.9				
2.0H	+ 2.4 / - 4.9					+ 1.3 / - 1.9				

CIE Pub.117 Corrected 1245 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

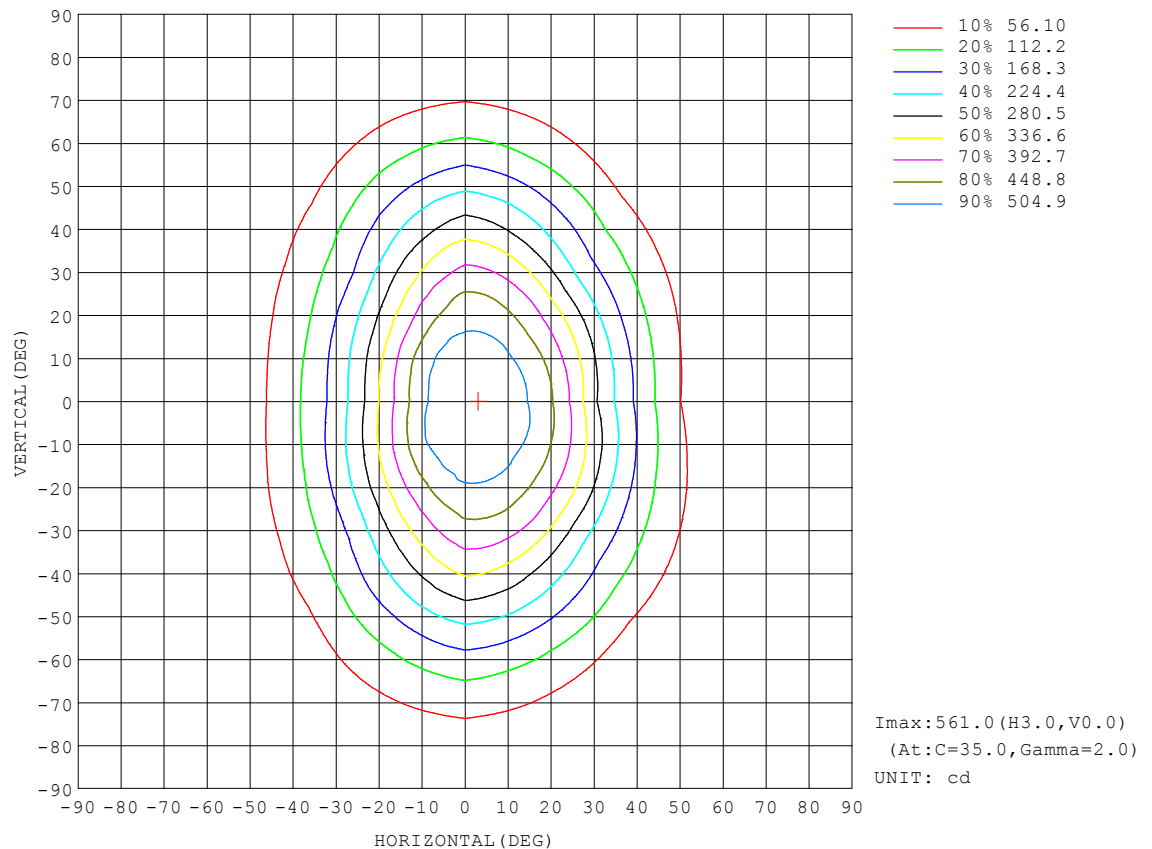
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	47	41	54	46	40	51	43	39	32
0.80	66	56	50	63	54	49	58	51	46	38
1.00	73	63	57	70	61	56	64	58	53	43
1.25	79	70	64	75	68	62	69	63	58	47
1.50	84	75	69	79	72	67	72	66	62	50
2.00	89	82	76	85	78	73	76	72	68	53
2.50	93	86	81	88	82	78	79	74	71	55
3.00	96	90	85	90	85	81	81	77	74	56
4.00	99	94	90	94	89	86	83	80	78	58
5.00	101	97	93	95	92	89	85	82	80	59
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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

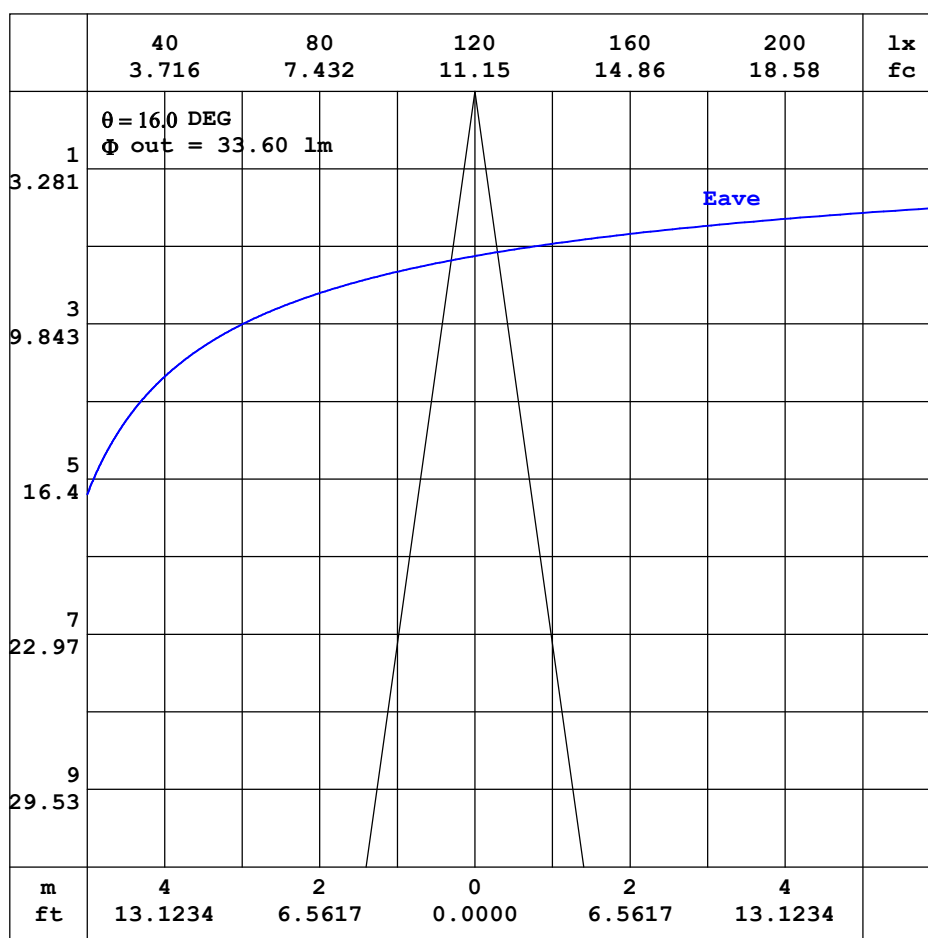


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



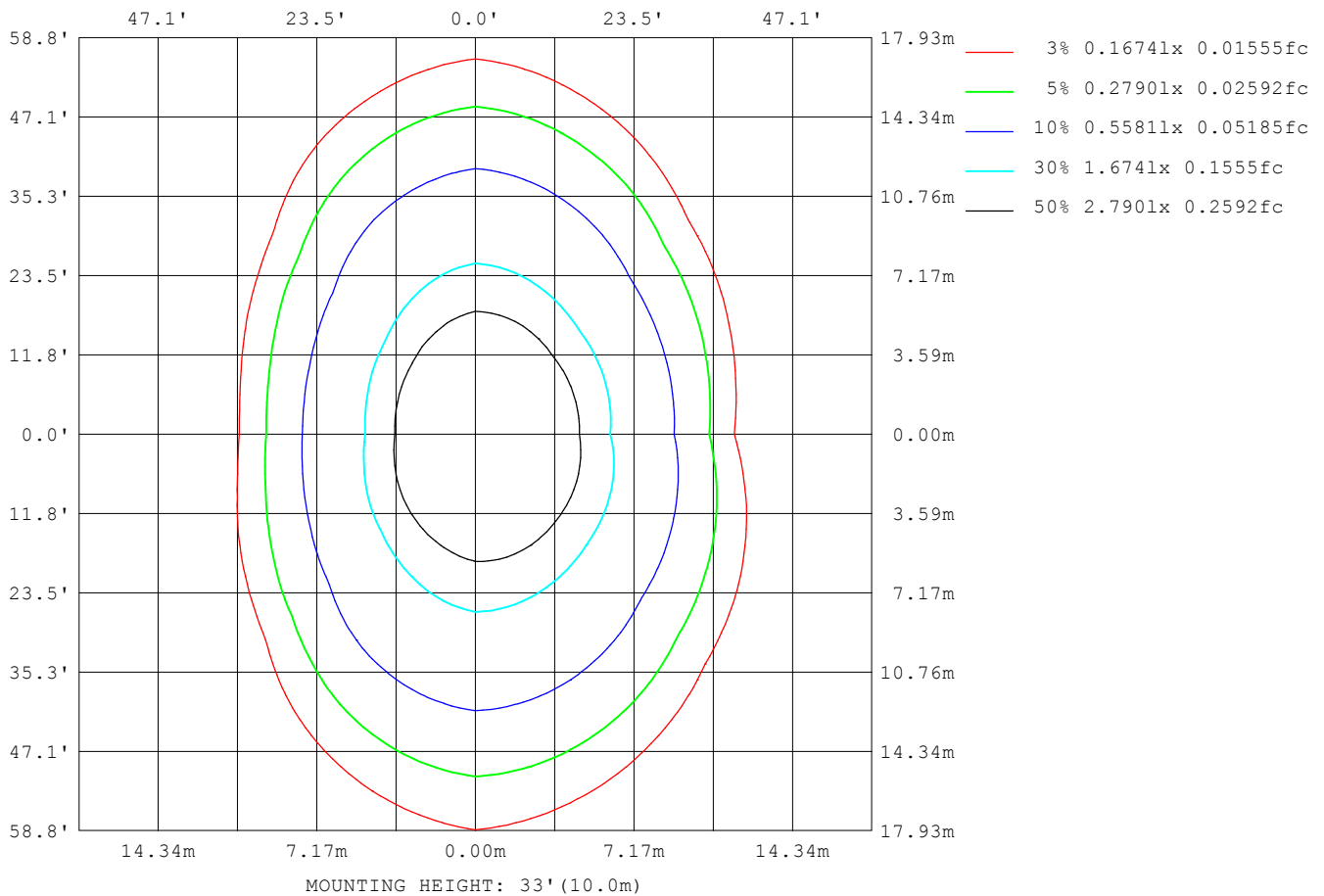
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

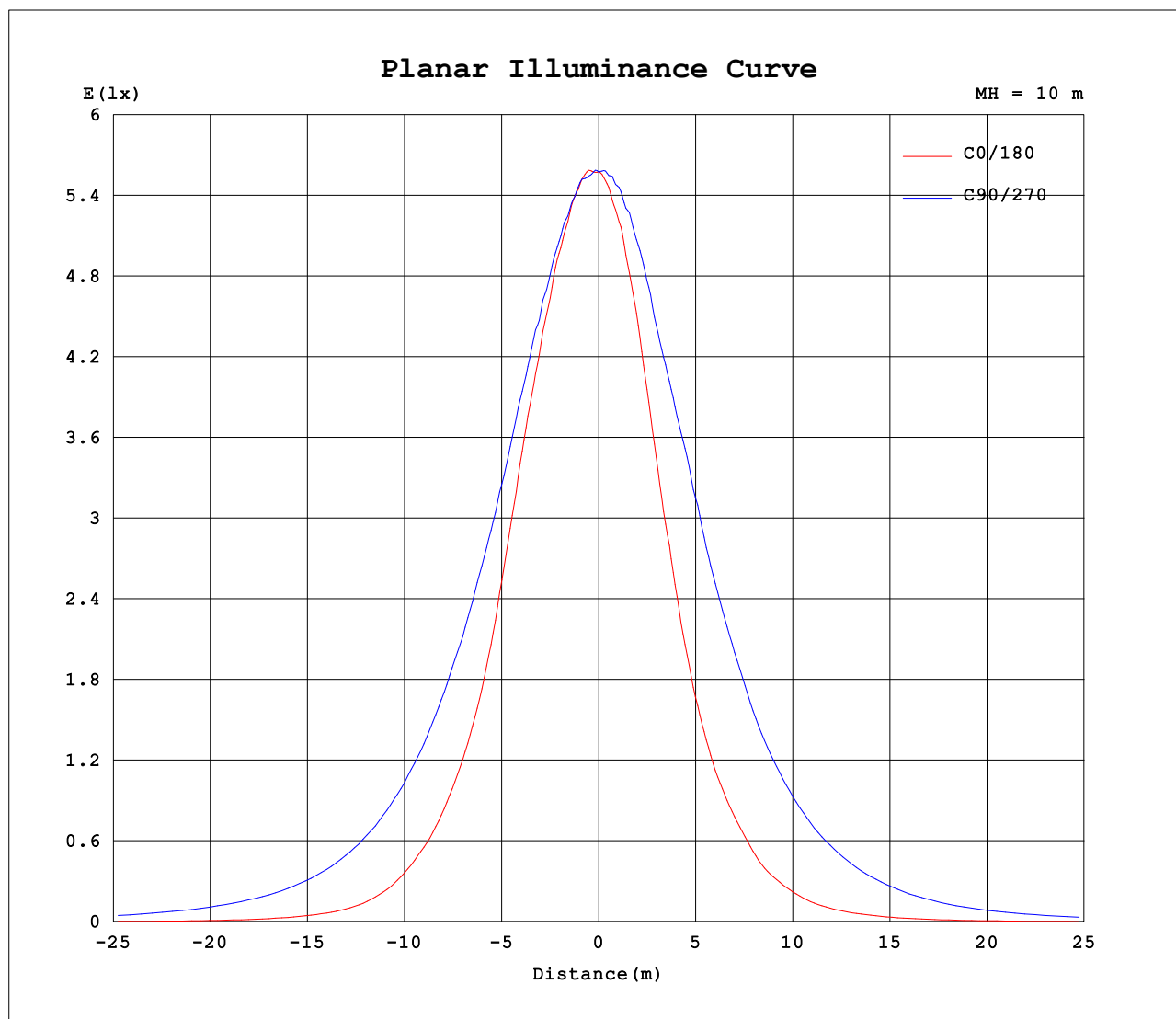
AvgL	cd/m2
L_0~180 (65) av	180
L_0~180 (75) av	77
L_0~180 (85) av	129
L_90~270 (65) av	2331
L_90~270 (75) av	1497
L_90~270 (85) av	394
L_45 (65) av	574
L_45 (75) av	129
L_45 (85) av	192

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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	558	558	558	558	558	558	559	559	559	559	558	558	558	558	558	558	557	557	557
5	558	558	558	558	558	558	557	557	557	557	558	558	558	558	558	558	558	558	558
10	536	538	539	541	542	543	544	545	545	546	546	547	547	547	547	546	546	545	544
15	502	504	507	509	511	513	514	516	517	519	520	522	523	524	524	524	524	523	522
20	453	457	461	465	469	472	475	478	481	483	487	491	494	496	498	499	500	499	498
25	380	388	395	402	409	415	421	427	432	437	444	450	455	460	463	465	467	466	465
30	293	305	316	327	337	347	356	365	373	381	391	400	408	416	422	426	429	430	428
35	220	231	243	254	264	275	285	295	304	314	327	339	351	361	370	378	383	386	386
40	158	167	176	185	195	204	214	224	234	244	260	275	290	303	316	326	334	340	343
45	103	111	120	129	139	148	158	168	178	189	204	220	235	249	262	274	283	289	293
50	56.9	65.4	74.1	83.1	92.2	102	111	121	131	141	157	172	187	200	213	224	233	240	244
55	31.4	37.7	44.4	51.4	58.7	66.3	74.2	82.5	91.1	99.9	114	127	141	153	165	175	184	190	194
60	17.0	19.6	22.7	26.4	30.6	35.4	40.8	46.8	53.3	60.3	72.4	84.7	96.9	109	120	130	138	145	149
65	8.62	8.48	9.03	10.3	12.2	14.8	18.1	22.1	26.8	32.2	42.3	52.8	63.4	73.8	83.6	92.6	100	107	112
70	3.60	2.36	1.75	1.77	2.42	3.69	5.59	8.11	11.3	15.0	22.7	30.7	38.9	47.0	54.7	61.8	68.1	73.4	77.3
75	2.15	0.21	0.16	0.15	0.15	0.15	0.14	0.13	1.74	4.11	9.49	15.2	21.1	27.0	32.7	38.0	42.7	46.7	49.7
80	1.49	0.47	0.25	0.24	0.23	0.23	0.22	0.21	1.02	2.20	4.91	7.79	10.8	13.7	16.6	19.3	21.7	23.7	25.2
85	1.23	1.03	0.90	0.82	0.80	0.84	0.95	1.11	1.33	1.61	2.24	2.90	3.59	4.27	4.92	5.53	6.07	6.53	6.88
90	1.12	1.24	1.33	1.41	1.47	1.50	1.52	1.52	1.50	1.46	1.33	1.18	1.02	0.86	0.71	0.56	0.43	0.32	0.23
95	1.38	1.47	1.54	1.60	1.63	1.65	1.64	1.62	1.57	1.51	1.34	1.16	0.97	0.78	0.59	0.42	0.27	0.13	0.03
100	1.83	1.64	1.50	1.40	1.35	1.36	1.41	1.50	1.65	1.84	2.30	2.79	3.29	3.80	4.28	4.74	5.15	5.49	5.75
105	2.96	2.59	2.36	2.27	2.31	2.48	2.79	3.23	3.81	4.52	6.05	7.65	9.29	10.9	12.5	13.9	15.2	16.2	17.0
110	7.49	7.92	8.44	9.06	9.77	10.6	11.5	12.5	13.6	14.7	16.8	18.8	20.9	22.9	24.7	26.4	27.8	28.9	29.7
115	15.9	18.8	21.5	24.0	26.4	28.7	30.8	32.8	34.6	36.3	38.0	39.6	41.0	42.2	43.2	44.0	44.5	44.7	44.6
120	34.5	39.5	44.1	48.2	52.0	55.3	58.2	60.7	62.7	64.4	65.0	65.2	65.1	64.7	64.1	63.3	62.4	61.3	60.2
125	71.4	74.8	77.9	80.5	82.8	84.7	86.3	87.5	88.3	88.7	87.9	86.7	85.4	83.8	82.2	80.5	78.8	77.3	75.8
130	115	115	114	114	114	113	112	111	110	109	107	105	102	100	97.8	95.8	93.9	92.4	91.1
135	145	142	140	138	135	133	131	128	126	124	121	119	116	114	112	110	109	108	107
140	162	159	156	153	150	148	145	143	140	138	135	133	131	129	127	125	124	123	122
145	171	168	165	162	160	157	155	153	151	149	147	145	143	142	141	140	139	138	138
150	176	173	171	169	167	165	163	161	160	158	157	157	156	155	155	154	154	154	154
155	181	179	177	175	173	172	171	169	168	167	167	166	166	166	165	165	165	165	165
160	185	184	183	182	181	181	180	179	178	178	177	177	176	176	175	175	175	174	174
165	189	189	188	187	187	186	186	186	185	185	185	185	185	185	185	185	185	185	185
170	194	194	194	193	193	192	192	192	191	191	191	191	191	191	191	191	190	190	190
175	197	197	196	196	196	195	195	195	195	194	194	194	194	194	194	194	194	194	195
180	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196

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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	557	557	557	557	557	557	557	557	557	557	557	557	557	557	557	557	558	558	558
5	558	558	557	557	556	555	554	553	552	550	548	546	544	542	540	538	537	536	536
10	544	542	541	539	538	536	533	531	528	523	518	513	508	504	499	496	492	490	490
15	519	516	512	508	503	498	493	487	481	473	464	456	448	440	433	427	422	418	419
20	492	485	478	470	461	451	441	431	421	409	397	386	376	366	357	349	342	337	339
25	456	446	435	423	410	396	382	367	353	339	325	311	299	288	277	269	262	256	258
30	418	405	391	375	358	341	323	305	287	272	257	244	231	220	210	202	195	191	192
35	374	359	343	325	305	285	265	244	224	210	197	185	174	165	157	150	145	142	143
40	330	315	298	279	258	237	215	194	173	159	146	134	124	115	108	102	97.7	95.1	95.8
45	282	267	251	233	213	193	172	152	132	119	107	96.9	87.8	80.0	73.6	68.6	65.0	62.9	63.6
50	234	221	206	190	172	153	135	116	97.8	86.5	76.3	67.3	59.4	52.7	47.2	42.9	39.9	38.1	38.6
55	186	175	162	147	132	116	99.2	83.1	67.5	58.6	50.6	43.7	37.8	32.9	29.0	26.1	24.2	23.3	23.5
60	142	133	122	110	96.4	82.7	68.8	55.2	42.1	35.6	30.0	25.3	21.4	18.4	16.2	14.6	13.8	13.7	13.3
65	106	98.3	89.4	79.4	68.7	57.5	46.2	35.1	24.6	19.8	15.9	12.8	10.3	8.45	7.22	6.53	6.33	6.58	6.15
70	73.1	67.6	61.0	53.6	45.7	37.4	29.0	20.9	13.1	9.92	7.38	5.41	3.95	2.96	2.38	2.18	2.29	2.68	2.29
75	46.6	42.6	37.9	32.6	26.9	20.9	15.0	9.27	3.87	2.23	1.07	0.34	0.15	0.15	0.17	0.60	1.18	1.85	1.44
80	23.7	21.7	19.3	16.6	13.7	10.8	7.77	4.87	2.15	1.33	0.76	0.40	0.23	0.23	0.36	0.59	0.90	1.26	1.19
85	6.53	6.08	5.54	4.93	4.28	3.60	2.91	2.24	1.61	1.38	1.19	1.06	0.97	0.92	0.90	0.91	0.95	1.01	1.09
90	0.33	0.45	0.59	0.74	0.90	1.07	1.22	1.37	1.50	1.46	1.41	1.34	1.26	1.18	1.10	1.02	0.95	0.89	0.98
95	0.15	0.29	0.46	0.64	0.83	1.02	1.21	1.38	1.54	1.50	1.44	1.37	1.28	1.19	1.10	1.01	0.94	0.88	0.99
100	5.49	5.15	4.75	4.29	3.80	3.30	2.79	2.29	1.82	1.65	1.52	1.43	1.38	1.35	1.35	1.38	1.43	1.50	1.47
105	16.1	15.0	13.6	12.0	10.4	8.65	6.93	5.24	3.66	3.03	2.55	2.19	1.96	1.83	1.80	1.86	2.00	2.22	2.27
110	28.4	26.9	25.0	22.9	20.7	18.3	15.9	13.5	11.2	9.79	8.48	7.34	6.37	5.57	4.97	4.57	4.38	4.41	5.02
115	43.7	42.4	40.9	39.2	37.4	35.3	33.2	30.9	28.6	25.8	23.1	20.4	17.9	15.6	13.6	12.0	10.8	10.1	11.9
120	60.2	60.2	60.1	59.9	59.5	58.8	58.0	56.9	55.4	51.1	46.6	42.0	37.5	33.2	29.3	25.9	23.1	21.2	24.3
125	76.6	77.6	78.5	79.5	80.4	81.1	81.5	81.5	81.2	77.0	72.5	67.8	63.1	58.5	54.2	50.4	47.2	44.9	48.0
130	92.1	93.5	95.0	96.6	98.3	100.0	101	103	104	102	99.5	97.1	94.6	92.1	89.7	87.6	85.7	84.3	86.2
135	107	109	110	111	113	115	117	119	120	121	121	122	122	122	122	122	122	122	122
140	123	124	125	126	127	129	131	133	134	136	138	139	141	142	143	144	145	145	145
145	138	138	139	140	141	142	143	145	146	148	150	152	154	155	157	158	159	160	159
150	153	153	153	153	154	154	154	155	155	157	159	160	162	164	165	167	168	169	168
155	165	165	165	165	165	165	165	165	165	167	168	169	170	171	172	173	174	174	174
160	174	174	174	174	174	174	174	174	174	175	176	176	177	177	178	178	178	179	179
165	184	184	184	183	183	183	183	182	182	182	182	183	183	183	183	183	184	184	184
170	190	190	190	189	189	189	189	188	188	188	188	188	188	188	188	188	188	188	188
175	194	194	194	194	194	194	193	193	193	193	193	193	193	193	193	193	193	193	193
180	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196

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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	558	558	558	558	558	559	559	559	558	558	558	558	558	558	557	557	557	557	557
5	536	537	537	538	540	541	542	544	545	546	548	549	550	551	553	554	555	555	555
10	492	494	496	499	503	506	510	514	517	521	524	528	531	534	536	539	541	541	542
15	422	426	431	437	443	450	457	465	472	478	485	492	498	503	509	513	517	518	517
20	343	347	354	361	369	378	388	398	409	420	431	441	452	461	470	478	484	485	484
25	262	267	274	283	293	304	316	328	344	360	376	392	407	421	434	445	454	454	451
30	195	200	207	216	226	237	249	262	280	298	317	335	352	368	383	397	408	406	403
35	145	149	155	162	171	181	192	205	224	244	265	285	304	322	339	353	365	361	355
40	98.1	102	107	114	123	132	143	155	175	195	215	234	253	271	287	300	311	306	299
45	65.8	69.4	74.4	80.7	88.4	97.2	107	119	137	155	174	192	210	226	241	254	263	258	250
50	40.3	43.3	47.6	53.0	59.5	67.1	75.9	85.6	102	118	135	152	167	182	195	206	214	209	201
55	24.6	26.7	29.7	33.7	38.7	44.5	51.3	59.0	72.5	86.6	101	115	128	140	151	161	168	162	155
60	13.6	14.6	16.2	18.5	21.6	25.5	30.1	35.5	46.4	57.7	69.3	80.7	91.5	102	111	118	124	119	112
65	6.14	6.57	7.48	8.89	10.8	13.3	16.4	20.1	28.1	36.6	45.1	53.6	61.7	69.2	75.8	81.3	85.5	81.3	75.8
70	2.15	2.29	2.72	3.47	4.57	6.04	7.91	10.2	15.6	21.2	26.9	32.6	38.1	43.1	47.5	51.2	54.0	51.0	47.2
75	1.09	0.83	0.70	0.72	0.92	1.34	1.98	2.90	5.85	8.99	12.2	15.4	18.5	21.4	24.0	26.2	27.8	26.1	23.9
80	1.16	1.15	1.18	1.26	1.37	1.55	1.77	2.06	2.81	3.61	4.42	5.22	5.99	6.71	7.35	7.88	8.28	7.87	7.32
85	1.19	1.29	1.39	1.49	1.57	1.65	1.70	1.73	1.55	1.35	1.13	0.91	0.69	0.48	0.29	0.13	0.00	0.13	0.29
90	1.09	1.20	1.31	1.42	1.52	1.61	1.67	1.71	1.54	1.34	1.13	0.91	0.69	0.48	0.29	0.13	0.00	0.13	0.30
95	1.11	1.24	1.38	1.52	1.64	1.76	1.85	1.92	1.78	1.62	1.44	1.25	1.07	0.89	0.72	0.58	0.46	0.58	0.73
100	1.45	1.47	1.51	1.59	1.72	1.89	2.12	2.41	3.15	3.94	4.75	5.55	6.32	7.03	7.66	8.19	8.60	8.20	7.67
105	2.39	2.59	2.87	3.24	3.71	4.28	4.97	5.78	7.49	9.28	11.1	12.9	14.6	16.2	17.6	18.8	19.7	18.9	17.9
110	5.86	6.88	8.08	9.43	10.9	12.5	14.3	16.1	18.4	20.7	23.0	25.2	27.3	29.2	30.8	32.2	33.2	32.6	31.7
115	14.2	16.9	19.9	23.2	26.5	29.9	33.3	36.5	38.4	40.2	41.7	43.0	44.1	45.1	45.8	46.4	46.8	47.3	47.5
120	28.2	32.7	37.6	42.9	48.2	53.5	58.6	63.3	64.2	64.6	64.7	64.4	63.9	63.3	62.5	61.7	61.0	62.5	64.0
125	52.0	56.6	61.5	66.8	72.1	77.3	82.2	86.6	86.5	85.9	84.9	83.5	82.0	80.3	78.7	77.2	75.9	77.8	79.9
130	88.6	91.2	94.0	97.0	99.8	103	105	107	106	104	103	101	98.6	96.6	94.7	93.0	91.7	93.2	95.0
135	123	123	123	123	123	123	123	123	121	119	117	115	114	112	110	109	108	109	111
140	144	143	142	141	140	138	137	135	133	132	130	129	127	126	125	124	124	125	126
145	158	157	155	154	152	150	148	147	145	144	143	142	142	141	140	140	140	141	141
150	167	166	164	163	161	160	158	157	156	155	154	153	153	152	152	152	152	152	153
155	173	173	172	171	170	169	168	167	166	166	165	165	165	165	165	165	165	165	165
160	178	178	177	177	176	176	175	175	175	175	175	175	175	175	175	175	175	175	176
165	184	184	183	183	183	183	183	183	183	183	183	184	184	184	184	184	185	185	185
170	188	188	188	188	188	189	189	189	189	189	189	190	190	190	190	191	191	191	191
175	193	193	193	193	193	193	194	194	194	194	194	194	194	194	194	194	194	194	195
180	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196

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:121.9V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1244.7x1 lm		
NAME: 12代 1FT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	557	557	557	557	557	557	557	557	557	557	557	557	557	557	558				
5	555	555	555	555	555	555	555	555	555	556	556	556	557	557	558				
10	541	541	541	540	539	538	538	537	537	537	537	537	536	536	536				
15	516	515	513	511	509	506	504	503	502	502	502	501	501	501	501				
20	482	479	476	472	468	464	460	458	457	456	455	454	454	453	453				
25	447	441	435	427	419	411	403	399	396	392	390	387	385	383	381				
30	398	391	382	373	363	352	342	335	329	324	318	312	307	302	297				
35	346	336	324	311	297	283	269	261	254	247	241	236	231	227	223				
40	288	276	263	248	233	218	203	195	188	181	175	170	166	162	159				
45	240	227	214	199	184	169	154	145	137	130	124	118	113	109	106				
50	191	180	167	153	139	124	110	101	93.7	86.5	80.0	74.1	68.9	64.2	60.3				
55	145	135	123	110	97.1	84.1	71.4	64.1	57.6	51.8	46.6	42.2	38.4	35.4	33.0				
60	103	93.6	83.1	72.2	61.0	50.0	39.4	33.8	29.1	25.0	21.8	19.3	17.6	16.6	16.5				
65	69.2	61.7	53.6	45.1	36.6	28.2	20.3	16.3	13.1	10.4	8.48	7.19	6.55	6.58	7.27				
70	42.6	37.4	31.8	26.0	20.2	14.5	9.08	6.52	4.45	2.87	1.77	1.16	1.04	1.41	2.26				
75	21.2	18.3	15.1	11.9	8.59	5.42	2.47	1.19	0.26	0.26	0.26	0.24	0.23	0.21	0.95				
80	6.68	5.95	5.17	4.36	3.55	2.75	2.01	1.67	1.40	1.20	1.07	1.01	1.03	1.11	1.27				
85	0.48	0.69	0.91	1.14	1.36	1.56	1.75	1.81	1.83	1.83	1.80	1.74	1.66	1.54	1.40				
90	0.49	0.70	0.93	1.15	1.37	1.58	1.76	1.81	1.83	1.82	1.78	1.70	1.60	1.47	1.31				
95	0.91	1.10	1.29	1.49	1.69	1.87	2.03	2.06	2.07	2.06	2.01	1.94	1.84	1.71	1.56				
100	7.05	6.34	5.58	4.79	3.99	3.21	2.48	2.13	1.86	1.65	1.51	1.44	1.44	1.50	1.63				
105	16.6	15.1	13.6	11.9	10.2	8.47	6.83	5.96	5.19	4.54	4.00	3.57	3.25	3.04	2.95				
110	30.4	28.9	27.2	25.4	23.4	21.4	19.3	17.9	16.5	15.2	13.8	12.5	11.2	9.95	8.71				
115	47.5	47.4	47.0	46.3	45.4	44.3	42.9	41.0	38.9	36.5	33.8	30.8	27.5	23.9	20.1				
120	65.4	66.8	68.1	69.1	69.7	70.0	69.8	68.1	65.8	63.0	59.6	55.7	51.2	46.2	40.6				
125	82.2	84.5	86.8	89.0	91.0	92.7	93.9	93.4	92.4	90.9	88.9	86.4	83.4	79.9	75.9				
130	97.1	99.4	102	104	107	110	112	113	114	115	115	116	116	116	115				
135	113	115	117	119	122	124	127	129	131	133	135	137	139	141	143				
140	127	129	130	132	135	137	139	141	144	146	148	151	154	156	159				
145	142	143	144	146	147	149	151	153	154	156	159	161	163	166	168				
150	154	155	156	157	158	159	161	162	164	165	167	168	170	172	174				
155	166	167	167	168	169	170	171	172	173	174	175	176	177	178	180				
160	176	177	177	178	178	179	180	180	181	181	182	183	183	184	184				
165	185	185	186	186	186	186	187	187	187	187	188	188	188	189	189				
170	192	192	192	192	193	193	193	193	193	194	194	194	194	194	194				
175	195	195	195	195	196	196	196	196	196	196	197	197	197	197	197				
180	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196				

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: