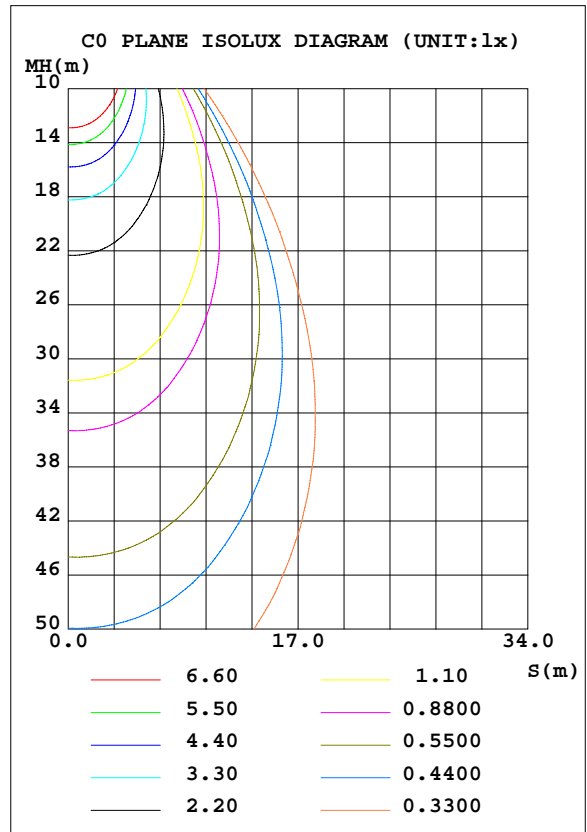
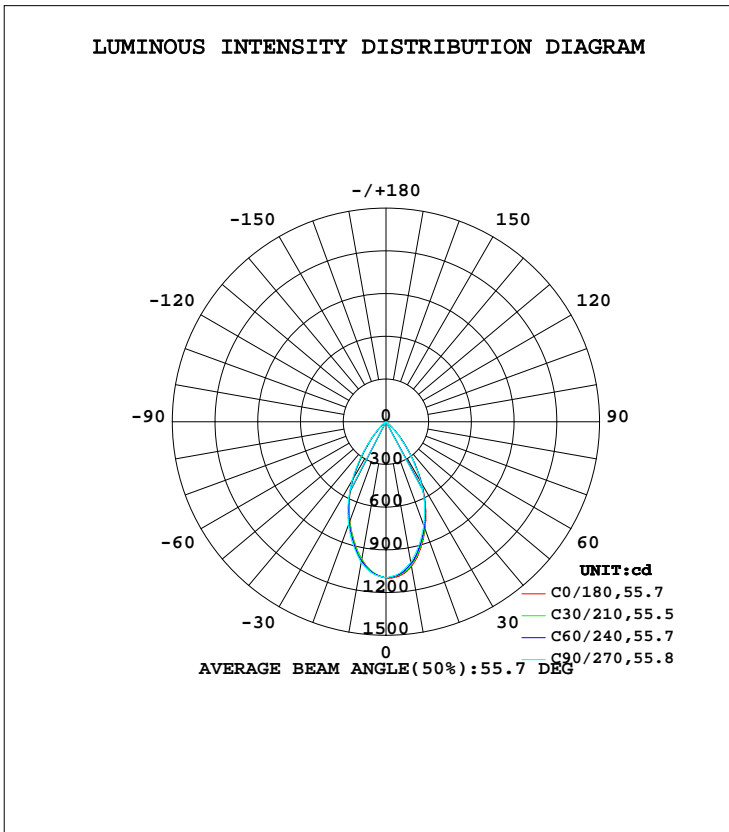


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	136-112_6000K	Imax(cd)	1098	S/MH(C0/180)	0.81
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.83
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	917.91	η UP, DN(C0-180)	0.0,50.4
NOMINAL FLUX(lm)	917.911	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	0.90



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-25

V(B) Range:-85 - 85DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.140m [K=1.0000]
 Remarks: 136-112_6000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1030	1017	1002	985.2	979.9	985.5	1004	1013	0- 10	99.91	99.91	10.9,10.9
20	801.6	789.8	775.9	754.2	743.7	750.2	768.4	788.0	10- 20	249.3	349.3	38,38
30	503.5	495.5	491.2	470.0	460.7	462.5	476.9	492.7	20- 30	287.9	637.1	69.4,69.4
40	201.6	198.9	188.3	174.4	168.6	166.9	174.2	192.2	30- 40	200.3	837.5	91.2,91.2
50	28.71	27.72	26.39	27.65	24.55	25.05	23.95	25.19	40- 50	69.76	907.2	98.8,98.8
60	2.068	2.535	3.277	3.346	2.574	2.340	2.142	2.098	50- 60	7.534	914.8	99.7,99.7
70	0.7945	1.363	1.948	1.995	1.013	0.9536	0.8768	0.8461	60- 70	1.766	916.5	99.9,99.9
80	0.2162	0.8651	1.270	1.351	0.3215	0.3243	0.2802	0.2882	70- 80	0.9683	917.5	100,100
90	0	0	0	0	0.0090	0	0	0	80- 90	0.3933	917.9	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 885.85 lm

%lum = 96.5%
 %lamp = 96.5%

Conical surface Flux(120deg): 914.78 lm

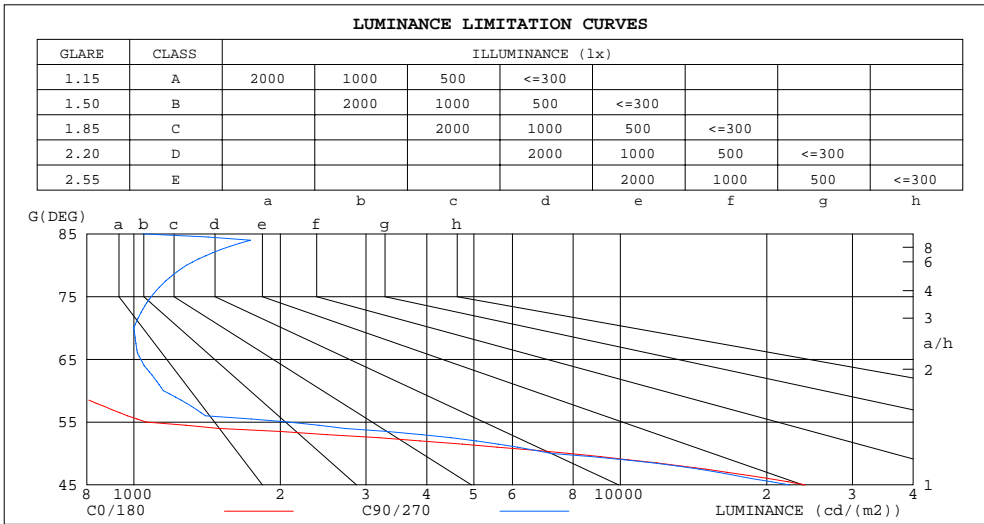
%lum = 99.7%
 %lamp = 99.7%

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-25

V(B) Range:-85 - 85DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.140m [K=1.0000]
 Remarks: 136-112_6000K

LUMINANCE LIMITATION CURVES

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	1042
80	218	1283
75	315	1086
70	408	999
65	538	1033
60	726	1150
55	1059	2075
50	7835	7201
45	24011	22274

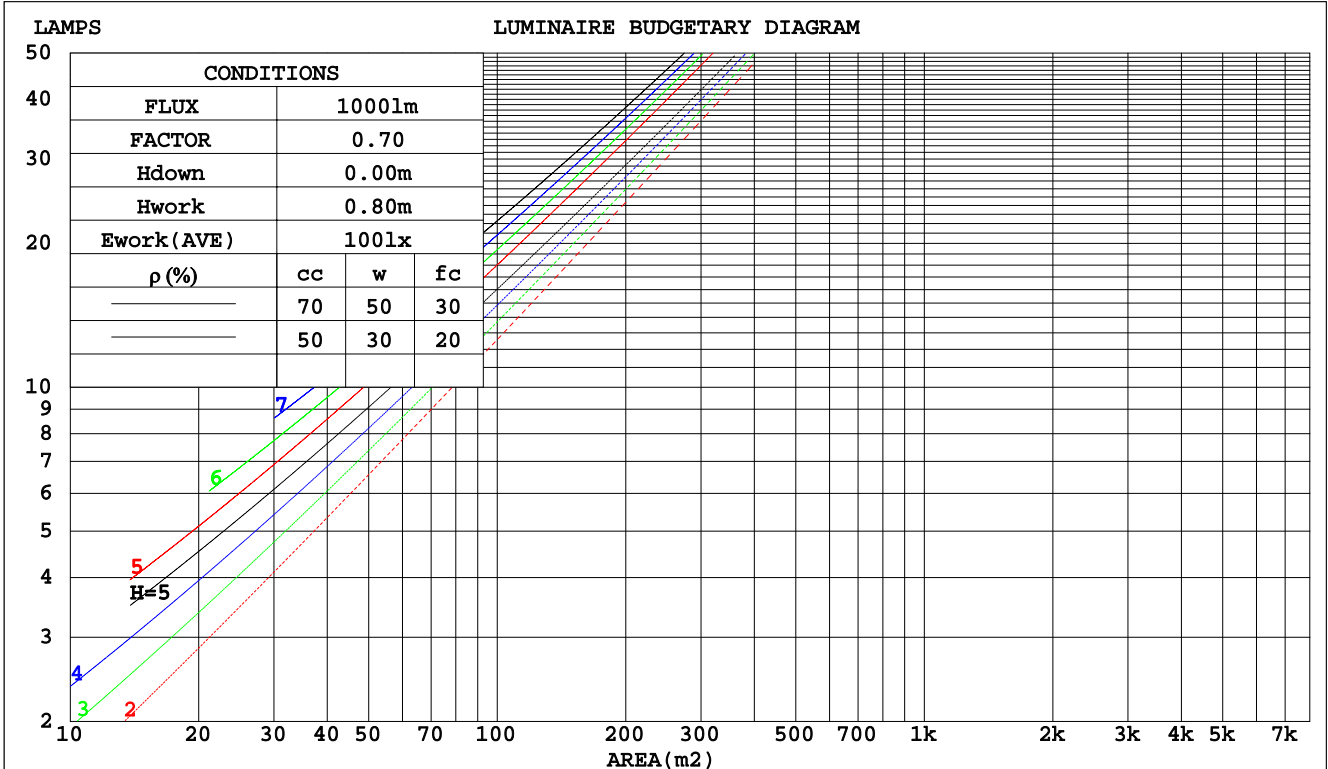
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.94	.98	.95	.92	.95	.93	.90	.92	.90	.89	.87
3.0	.96	.91	.87	.95	.90	.86	.92	.88	.85	.90	.86	.84	.87	.85	.82	.81
4.0	.90	.84	.80	.88	.83	.79	.86	.82	.78	.84	.81	.77	.82	.79	.77	.75
5.0	.84	.78	.74	.83	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.71	.70
6.0	.79	.73	.68	.78	.72	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.65
7.0	.74	.68	.64	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.65	.62	.61
8.0	.70	.64	.59	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.58	.57
9.0	.66	.60	.56	.65	.59	.56	.64	.59	.55	.63	.59	.55	.62	.58	.55	.54
10.0	.62	.56	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.50



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

WEC AND CCEC

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.179	.102	.032	.172	.098	.031	.159	.091	.029	.148	.085	.027	.137	.079	.026	
2.0	.171	.094	.029	.166	.091	.028	.155	.086	.027	.145	.082	.026	.136	.077	.024	
3.0	.164	.087	.026	.159	.085	.026	.150	.081	.025	.141	.077	.024	.134	.074	.023	
4.0	.156	.081	.024	.152	.080	.024	.144	.076	.023	.137	.074	.022	.130	.071	.022	
5.0	.149	.076	.022	.145	.075	.022	.139	.072	.021	.132	.070	.021	.126	.067	.020	
6.0	.142	.071	.020	.139	.070	.020	.133	.068	.020	.128	.066	.019	.122	.064	.019	
7.0	.136	.067	.019	.133	.066	.019	.128	.065	.019	.123	.063	.018	.118	.061	.018	
8.0	.130	.064	.018	.128	.063	.018	.123	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.125	.060	.017	.123	.060	.017	.118	.059	.017	.114	.057	.016	.111	.056	.016	
10.0	.120	.058	.016	.118	.057	.016	.114	.056	.016	.110	.055	.016	.107	.054	.015	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.147	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.123	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.059	.108	.076	.052	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.118	.078	.049	.102	.068	.043	.070	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.112	.071	.042	.096	.061	.036	.066	.043	.026	.039	.025	.015	.012	.008	.005	
8.0	.106	.064	.036	.091	.056	.031	.063	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.101	.059	.031	.087	.051	.027	.060	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.097	.055	.027	.083	.048	.024	.058	.034	.017	.034	.020	.010	.011	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

UGR(Unified Glare Rating) Table

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm										
NAME: 136-112_6000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:85			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	19.3	20.2	19.5	20.4	20.6	19.2	20.2	19.4	20.3	20.5
3H	19.1	20.0	19.4	20.2	20.4	19.0	19.9	19.3	20.1	20.3
4H	19.0	19.9	19.3	20.1	20.3	19.0	19.8	19.2	20.0	20.2
6H	18.9	19.7	19.2	20.0	20.2	18.9	19.7	19.2	19.9	20.1
8H	18.9	19.6	19.2	19.9	20.2	18.8	19.6	19.1	19.8	20.1
12H	18.8	19.6	19.2	19.8	20.1	18.8	19.5	19.1	19.8	20.1
4H 2H	19.0	19.9	19.3	20.1	20.3	18.9	19.8	19.2	20.0	20.2
3H	18.8	19.6	19.2	19.8	20.1	18.8	19.5	19.1	19.8	20.0
4H	18.8	19.4	19.1	19.7	20.0	18.7	19.3	19.0	19.6	20.0
6H	18.7	19.2	19.0	19.6	19.9	18.6	19.2	19.0	19.5	19.9
8H	18.6	19.1	19.0	19.5	19.9	18.6	19.1	19.0	19.5	19.8
12H	18.6	19.0	19.0	19.4	19.8	18.5	19.0	18.9	19.4	19.8
8H 4H	18.6	19.1	19.0	19.5	19.9	18.6	19.1	18.9	19.4	19.8
6H	18.5	18.9	18.9	19.3	19.8	18.5	18.9	18.9	19.3	19.7
8H	18.5	18.8	18.9	19.3	19.7	18.4	18.8	18.9	19.2	19.7
12H	18.4	18.7	18.9	19.2	19.7	18.4	18.7	18.9	19.2	19.6
12H 4H	18.6	19.0	19.0	19.4	19.8	18.5	19.0	18.9	19.4	19.7
6H	18.5	18.8	18.9	19.3	19.7	18.4	18.8	18.9	19.2	19.7
8H	18.4	18.7	18.9	19.2	19.7	18.4	18.7	18.9	19.2	19.6
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -16.5					+ 2.8 / -13.1				
1.5H	+ 5.0 / -16.3					+ 4.9 / -13.1				
2.0H	+ 7.7 / -11.3					+ 7.2 / - 8.0				

CIE Pub.117, 917.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.3)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

UTILIZATION FACTORS TABLE

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:

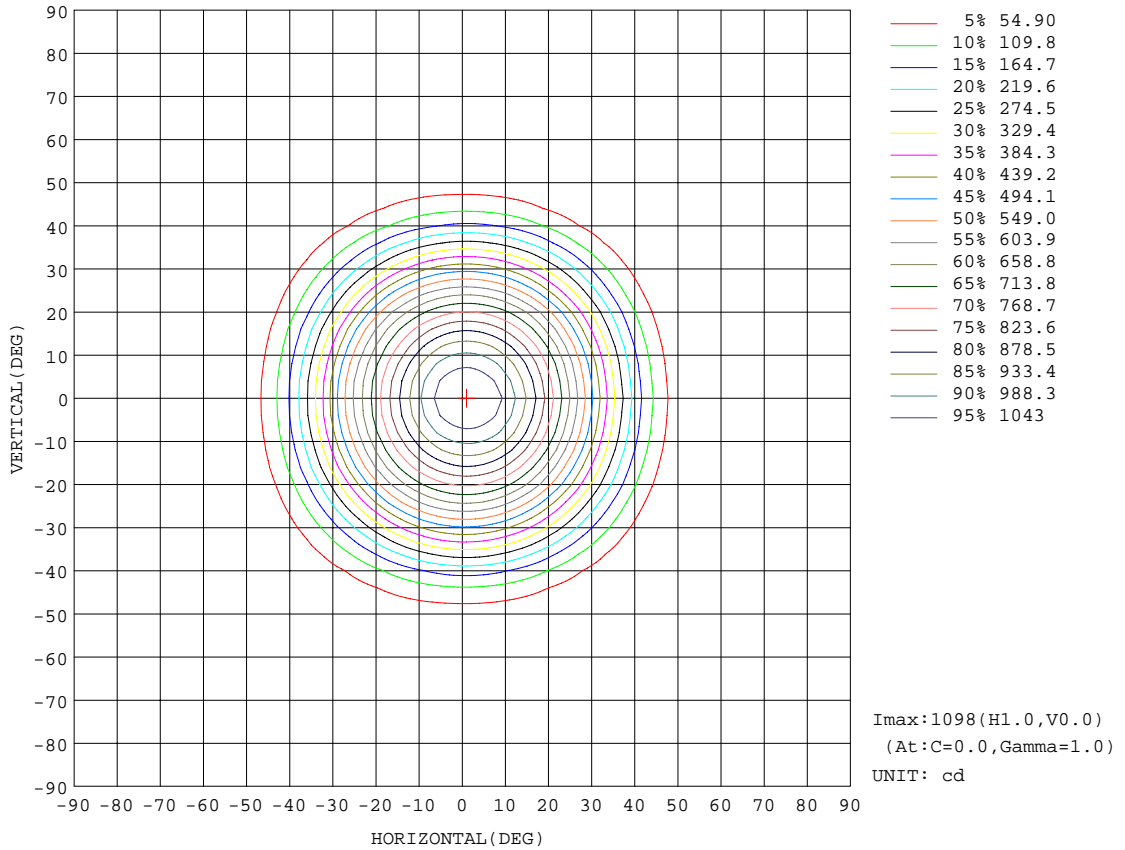
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	86	79	76	85	79	75	85	79	75	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

ISOCANDELA DIAGRAM

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:

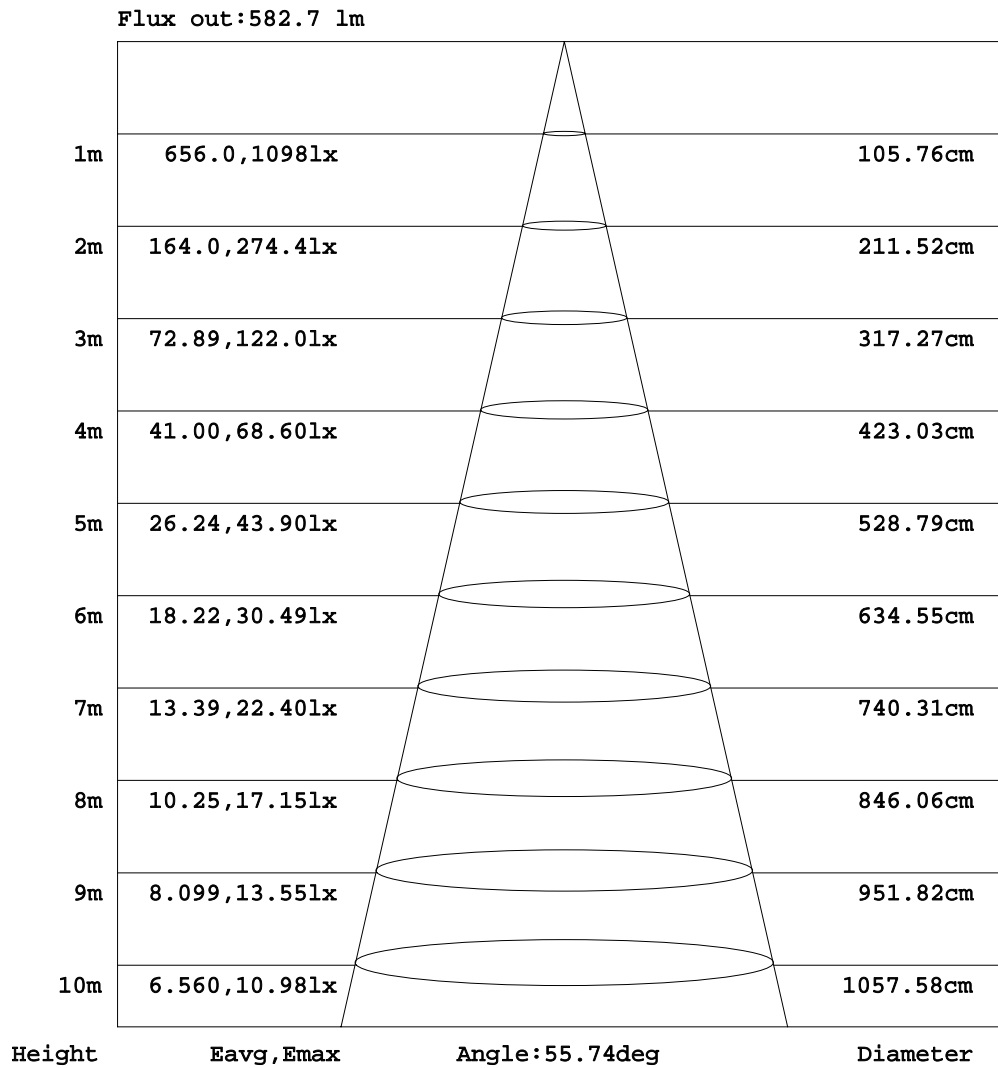


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-25

V(B) Range:-85 - 85DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.140m [K=1.0000]
 Remarks: 136-112_6000K

AAI Figure

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:



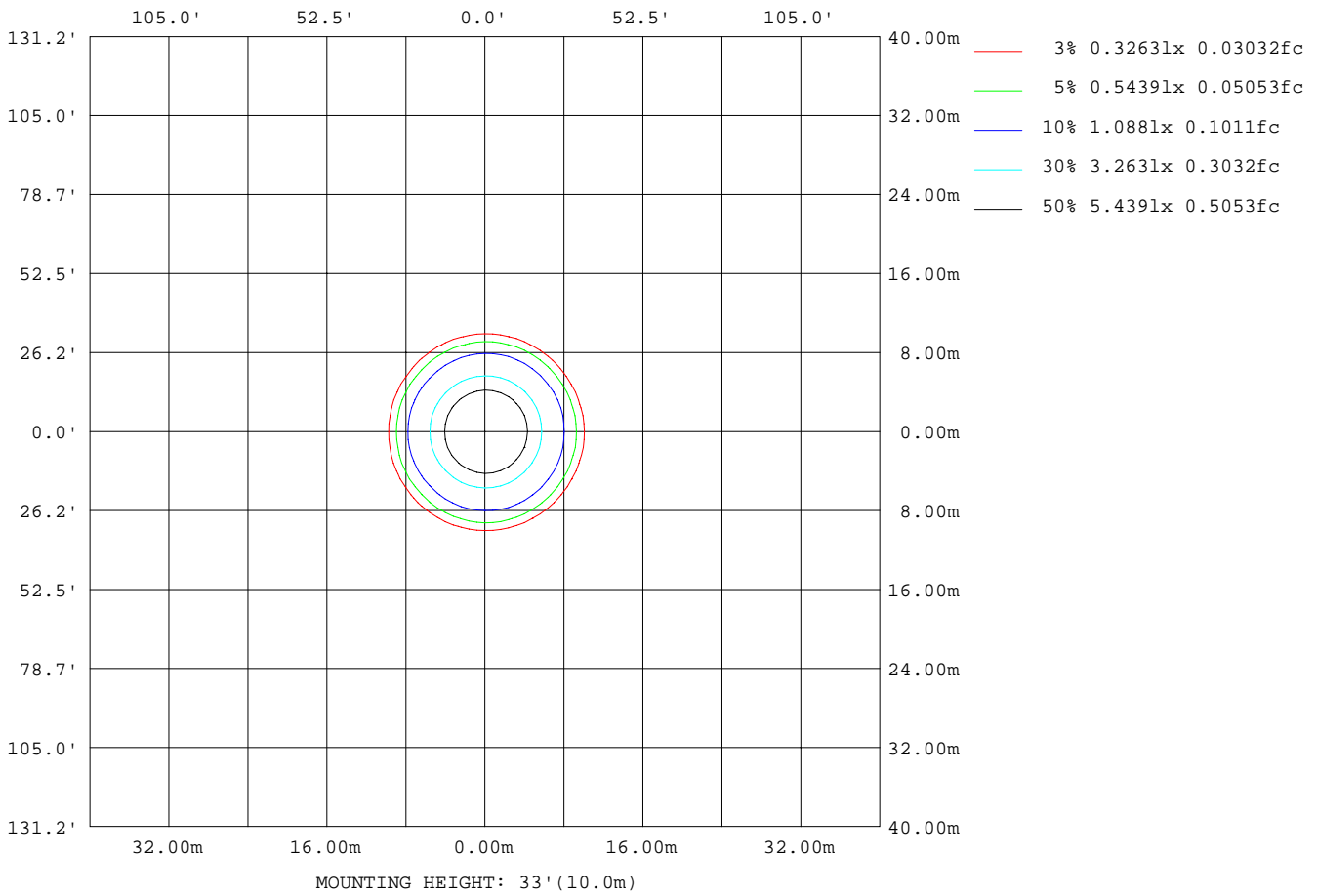
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

ISOLUX DIAGRAM

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

LED Avg.L Report

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:

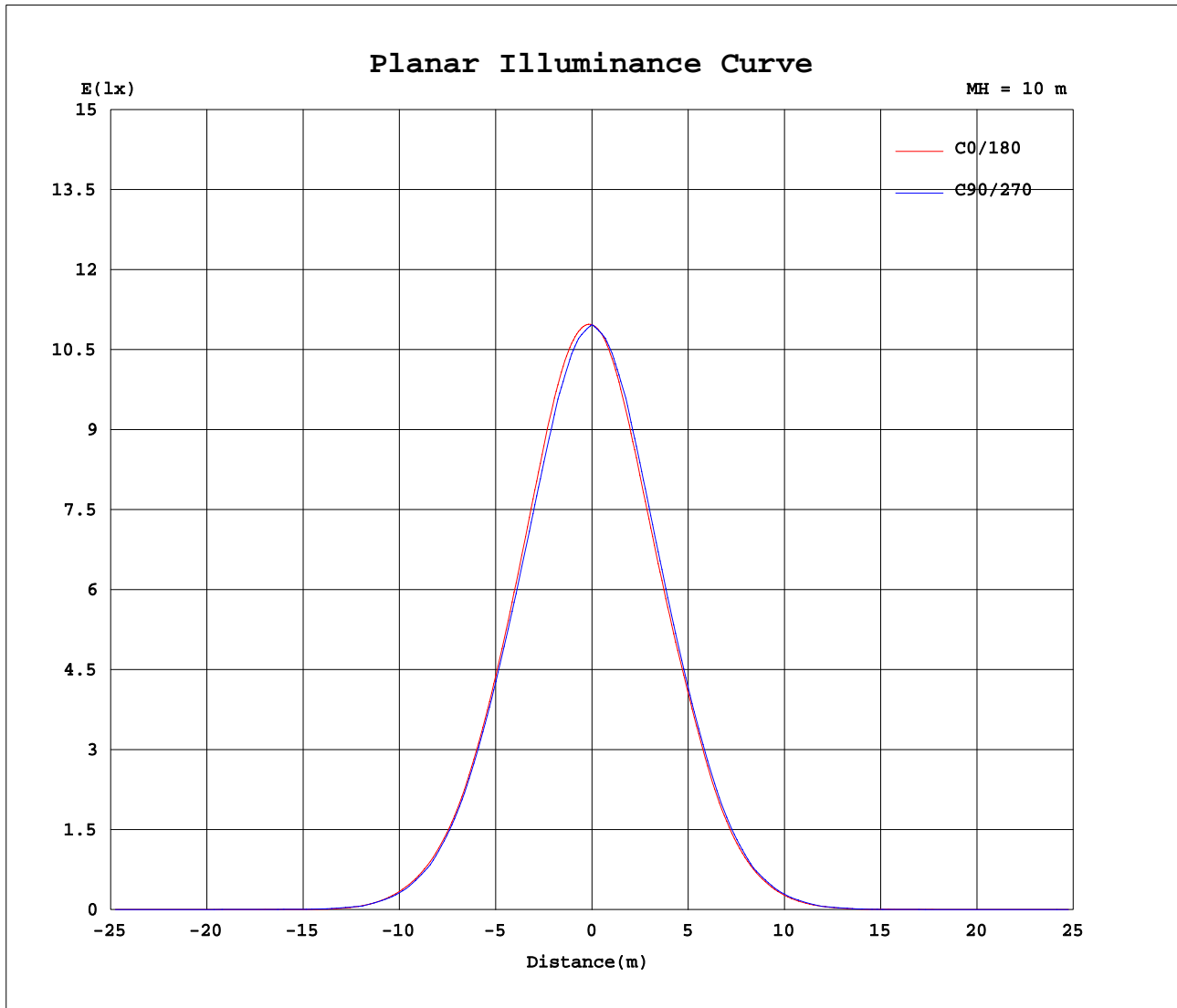
AvgL	cd/m2
L_0~180(65)av	603
L_0~180(75)av	371
L_0~180(85)av	38
L_90~270(65)av	808
L_90~270(75)av	729
L_90~270(85)av	609
L_45(65)av	740
L_45(75)av	654
L_45(85)av	1025

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	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	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097
5	1087	1085	1083	1081	1080	1079	1078	1078	1078	1077	1077	1076	1075	1074	1073	1072	1071	1070	1069
10	1030	1027	1025	1024	1024	1024	1022	1022	1019	1017	1015	1013	1012	1010	1009	1007	1006	1004	1002
15	929	924	922	923	922	922	920	920	921	918	915	912	910	907	906	903	901	898	896
20	802	796	795	794	794	795	796	793	790	790	788	787	786	784	783	781	779	778	776
25	658	653	652	651	653	652	650	649	649	649	651	650	648	647	646	645	644	642	641
30	504	498	498	498	498	496	496	496	499	496	495	495	495	494	494	493	493	492	491
35	342	336	336	339	336	337	339	338	337	337	338	338	338	337	336	334	334	333	331
40	202	199	200	199	198	200	199	198	199	199	198	197	196	197	196	194	192	190	188
45	96.8	94.8	96.8	94.5	95.2	94.5	94.0	93.7	93.6	92.4	92.7	90.9	91.2	92.4	91.7	89.9	90.3	90.1	89.8
50	28.7	27.7	28.1	28.0	28.4	28.3	28.7	28.5	29.3	27.7	30.0	29.0	28.8	30.2	30.3	29.3	27.9	26.7	26.4
55	3.46	3.54	3.56	3.52	3.59	3.71	3.96	4.44	5.21	4.80	5.88	5.26	5.00	6.77	7.34	6.97	6.92	6.78	6.78
60	2.07	2.08	2.08	2.09	2.13	2.18	2.27	2.35	2.44	2.53	2.65	2.74	2.82	2.94	3.03	3.10	3.16	3.22	3.28
65	1.30	1.30	1.31	1.33	1.37	1.45	1.53	1.62	1.71	1.79	1.88	1.96	2.06	2.15	2.22	2.30	2.37	2.43	2.49
70	0.79	0.79	0.81	0.86	0.95	1.05	1.13	1.21	1.28	1.36	1.44	1.52	1.60	1.67	1.73	1.79	1.85	1.90	1.95
75	0.46	0.47	0.52	0.63	0.75	0.84	0.92	0.98	1.03	1.10	1.15	1.22	1.29	1.36	1.42	1.47	1.52	1.56	1.60
80	0.22	0.25	0.39	0.55	0.66	0.72	0.76	0.80	0.83	0.87	0.91	0.97	1.03	1.07	1.12	1.16	1.20	1.24	1.27
85	0.00	0.19	0.47	0.58	0.61	0.62	0.62	0.62	0.64	0.66	0.70	0.72	0.69	0.64	0.59	0.55	0.52	0.51	0.52
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-25

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks: 136-112_6000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097
5	1068	1067	1066	1066	1065	1064	1064	1063	1062	1061	1060	1059	1059	1059	1059	1060	1061	1063	1061
10	1000	998	996	993	991	989	988	986	985	985	984	982	981	979	977	977	978	980	977
15	894	892	890	888	885	883	881	879	878	877	873	871	871	869	869	866	865	868	865
20	773	771	768	765	763	761	759	757	754	751	749	749	745	744	744	743	741	744	741
25	639	637	635	633	630	627	625	624	620	619	618	616	613	611	611	612	610	612	611
30	489	487	484	481	479	478	476	474	470	469	466	467	465	462	462	463	461	461	460
35	330	327	324	323	320	317	313	313	312	310	307	305	305	304	302	302	302	301	301
40	187	186	186	185	184	181	179	178	174	175	175	173	171	173	170	170	170	169	170
45	89.2	88.5	87.3	87.7	87.1	84.7	83.6	84.6	83.7	82.6	80.3	81.1	79.9	78.8	78.7	77.3	77.4	76.3	76.8
50	27.0	28.3	29.8	30.9	30.9	29.7	29.8	29.9	27.7	28.9	28.3	27.2	27.4	26.4	26.1	25.3	25.4	24.6	24.9
55	6.99	7.30	7.54	8.14	7.85	6.28	6.29	7.48	6.18	6.74	5.65	5.54	5.20	5.21	4.80	4.80	4.73	4.32	4.63
60	3.35	3.42	3.49	3.53	3.54	3.51	3.49	3.44	3.35	3.28	3.18	3.05	2.95	2.80	2.72	2.66	2.61	2.57	2.56
65	2.54	2.59	2.62	2.63	2.64	2.62	2.58	2.56	2.51	2.42	2.33	2.22	2.09	1.93	1.77	1.67	1.63	1.61	1.59
70	1.99	2.03	2.06	2.08	2.09	2.08	2.06	2.03	1.99	1.94	1.87	1.77	1.63	1.47	1.28	1.11	1.03	1.01	1.00
75	1.63	1.67	1.68	1.70	1.71	1.71	1.69	1.68	1.66	1.63	1.59	1.53	1.44	1.29	1.08	0.81	0.65	0.63	0.61
80	1.29	1.33	1.34	1.35	1.36	1.36	1.36	1.36	1.35	1.35	1.34	1.32	1.29	1.21	1.05	0.75	0.38	0.32	0.29
85	0.54	0.58	0.63	0.71	0.81	0.91	1.02	1.03	1.04	1.04	1.05	1.06	1.08	1.09	1.07	0.95	0.49	0.04	0.07
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00

H(β) Range:-90 - 90DEG	V(B) Range:-85 - 85DEG
H(β) Interval: 1.0DEG	V(B) Interval: 2.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:8.140m [K=1.0000]
Test Date:2019-04-25	Remarks: 136-112_6000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	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	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097
5	1060	1059	1059	1059	1060	1061	1062	1063	1065	1066	1066	1066	1067	1067	1068	1069	1070	1070	1071
10	977	977	979	981	982	984	985	985	987	989	991	993	996	998	1000	1002	1004	1005	1006
15	865	868	868	869	869	871	874	876	877	879	881	884	886	888	890	892	894	896	897
20	743	743	743	744	746	746	748	750	752	753	754	756	758	761	763	766	768	771	773
25	613	612	612	612	614	616	615	615	619	617	618	620	622	624	625	626	628	631	633
30	461	460	459	461	463	461	463	463	465	466	466	467	468	470	472	475	477	479	480
35	301	299	301	301	299	300	302	302	302	301	305	306	308	309	311	313	315	317	319
40	168	168	170	167	168	169	168	167	169	170	170	172	173	172	172	173	174	176	179
45	76.0	76.8	76.2	76.7	77.5	76.0	77.9	78.5	79.1	77.7	78.4	80.4	80.8	80.2	81.2	81.7	82.3	82.7	83.1
50	24.3	24.8	24.7	25.3	24.9	25.9	26.4	25.0	27.2	27.0	27.0	28.0	28.0	27.0	25.7	24.5	23.9	24.2	25.1
55	4.59	4.45	4.75	4.55	4.70	4.72	5.59	4.93	6.07	4.91	4.77	6.29	6.58	6.00	5.79	5.53	5.40	5.46	5.63
60	2.53	2.51	2.47	2.45	2.41	2.40	2.39	2.34	2.34	2.31	2.29	2.28	2.26	2.22	2.19	2.16	2.14	2.14	2.15
65	1.58	1.56	1.56	1.54	1.53	1.51	1.51	1.50	1.49	1.46	1.46	1.45	1.44	1.43	1.42	1.41	1.40	1.40	1.39
70	0.98	0.98	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.92	0.91	0.89	0.88	0.88	0.87	0.87
75	0.59	0.58	0.59	0.60	0.59	0.59	0.59	0.59	0.59	0.59	0.58	0.57	0.57	0.56	0.56	0.56	0.55	0.55	0.55
80	0.29	0.30	0.32	0.33	0.34	0.34	0.32	0.32	0.35	0.35	0.33	0.33	0.31	0.30	0.29	0.28	0.28	0.28	0.29
85	0.13	0.17	0.16	0.18	0.18	0.19	0.19	0.19	0.19	0.18	0.15	0.13	0.12	0.10	0.09	0.09	0.09	0.09	0.09
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-25
 V(B) Range:-85 - 85DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.140m [K=1.0000]
 Remarks: 136-112_6000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.02V I:0.0493A P:10.441W PF:0.9209 Freq:49.99Hz Lamp Flux:917.911x1 lm		
NAME: 136-112_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:85	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	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097	1097				
5	1072	1072	1073	1074	1075	1076	1076	1076	1076	1077	1078	1079	1081	1082	1084				
10	1007	1008	1008	1009	1010	1011	1013	1015	1017	1018	1020	1021	1021	1023	1026				
15	900	902	904	906	908	911	914	918	917	918	919	920	921	921	924				
20	775	777	779	781	784	786	788	789	792	796	795	794	795	795	796				
25	635	638	640	642	646	650	649	650	651	653	655	656	653	654	654				
30	482	483	485	487	489	491	493	498	496	497	498	500	500	499	499				
35	321	323	326	328	329	331	332	333	336	338	337	338	341	337	337				
40	183	185	187	187	189	191	192	193	193	195	197	196	198	199	198				
45	82.9	84.9	85.8	84.8	84.9	87.0	86.8	88.3	88.6	89.4	90.5	91.8	91.7	94.7	93.7				
50	26.4	27.4	27.2	25.8	26.3	27.3	25.2	27.0	26.4	26.9	26.8	27.3	27.2	27.6	27.4				
55	5.74	6.16	5.76	4.17	4.49	5.17	4.24	4.75	4.10	3.73	3.55	3.49	3.46	3.52	3.52				
60	2.16	2.16	2.16	2.14	2.13	2.13	2.10	2.10	2.09	2.07	2.06	2.06	2.04	2.04	2.05				
65	1.38	1.38	1.37	1.36	1.34	1.34	1.33	1.32	1.32	1.30	1.29	1.29	1.29	1.29	1.29				
70	0.87	0.87	0.87	0.87	0.85	0.84	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.78				
75	0.55	0.55	0.54	0.54	0.53	0.52	0.51	0.51	0.51	0.49	0.48	0.47	0.46	0.46	0.46				
80	0.30	0.31	0.32	0.33	0.31	0.29	0.29	0.29	0.28	0.27	0.26	0.25	0.23	0.22	0.22				
85	0.10	0.12	0.13	0.15	0.16	0.15	0.15	0.14	0.14	0.14	0.14	0.13	0.11	0.09	0.04				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-25

V(B) Range:-85 - 85DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.140m [K=1.0000]
 Remarks: 136-112_6000K