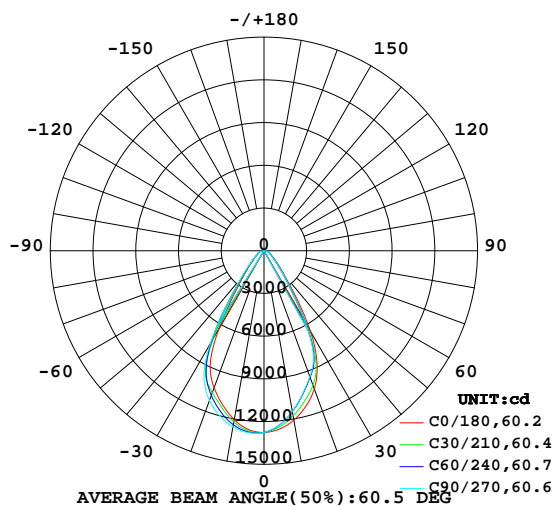


LUMINAIRE PHOTOMETRIC TEST REPORT

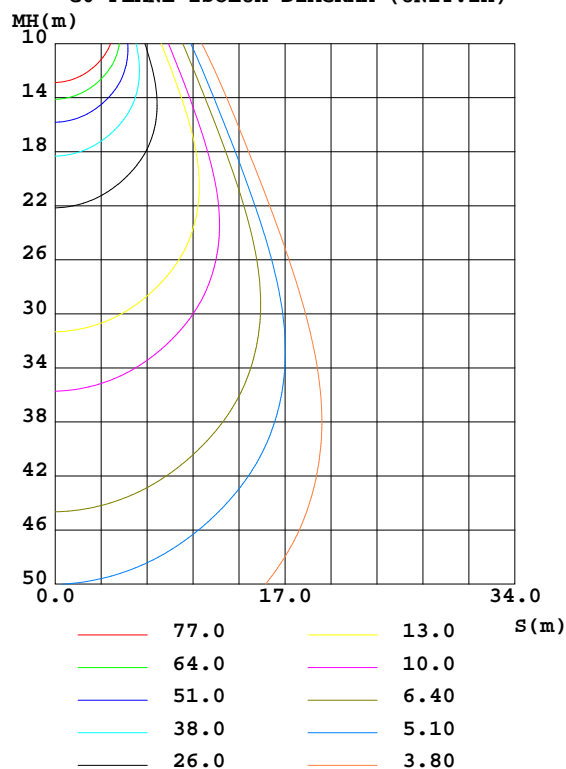
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.00 lm/W			
MODEL	UFO100M 60 3030	Imax(cd)	12838	S/MH(C0/180)	0.88
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	0.93
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	13500	η UP,DN(C0-180)	0.0,46.8
NOMINAL FLUX(lm)	13500	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220.1	η down(%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017.11.8

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.480m [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	1208	1161	1146	1178	1205	1231	1256	1245	0- 10	1183	1183	8.76,8.76
20	1033	980.7	942.0	959.8	1025	1073	1120	1097	10- 20	3150	4333	32.1,32.1
30	653.1	586.3	577.5	555.7	634.6	736.4	757.0	834.0	20- 30	4051	8384	62.1,62.1
40	221.3	199.2	197.6	194.5	210.9	233.4	247.6	255.0	30- 40	2470	10854	80.4,80.4
50	101.0	92.76	90.64	89.74	94.67	101.7	107.3	107.3	40- 50	1132	11986	88.8,88.8
60	57.01	55.39	53.88	53.49	54.18	57.05	58.22	58.98	50- 60	657.7	12643	93.7,93.7
70	38.40	38.26	37.56	37.01	36.66	37.54	38.44	39.61	60- 70	452.8	13096	97,97
80	19.90	20.04	19.82	19.34	18.20	18.27	18.79	19.98	70- 80	312.6	13409	99.3,99.3
90	0.1631	0.1657	0.1689	0.1705	0.1940	0.1909	0.1880	0.1862	80- 90	88.74	13498	100,100
100	0.2546	0.2625	0.2704	0.2740	0.3101	0.3003	0.2947	0.2906	90-100	2.459	13500	100,100
110	0	0	0	0	0	0	0	0	100-110	0.1520	13500	100,100
120	0	0	0	0	0	0	0	0	110-120	0	13500	100,100
130	0	0	0	0	0	0	0	0	120-130	0	13500	100,100
140	0	0	0	0	0	0	0	0	130-140	0	13500	100,100
150	0	0	0	0	0	0	0	0	140-150	0	13500	100,100
160	0	0	0	0	0	0	0	0	150-160	0	13500	100,100
170	0	0	0	0	0	0	0	0	160-170	0	13500	100,100
180	0	0	0	0	0	0	0	0	170-180	0	13500	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 11509 lm

%lum = 85.2%

%lamp = 85.3%

Conical surface Flux(120deg): 12643 lm

%lum = 93.7%

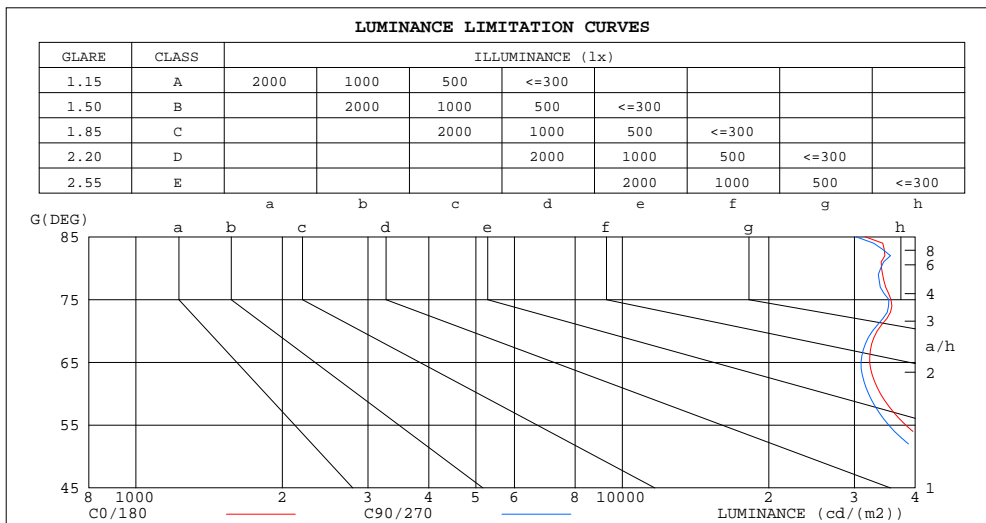
%lamp = 93.7%

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017.11.8

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.480m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	31568	30237
80	34110	33968
75	35660	35309
70	33415	32680
65	32252	30957
60	33933	32070
55	38237	35290
50	46747	41970
45	61295	54655

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.8

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

WEC AND CCEC

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	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	.214	.122	.039	.207	.118	.038	.194	.112	.036	.183	.105	.034	.172	.100	.032	
2.0	.203	.111	.034	.197	.108	.033	.186	.103	.032	.176	.099	.031	.167	.094	.030	
3.0	.191	.101	.030	.186	.099	.030	.176	.095	.029	.167	.092	.028	.159	.088	.027	
4.0	.179	.093	.027	.175	.091	.027	.167	.088	.026	.159	.085	.026	.152	.083	.025	
5.0	.169	.086	.025	.165	.085	.025	.158	.082	.024	.151	.080	.024	.145	.077	.023	
6.0	.159	.080	.023	.156	.079	.023	.150	.077	.022	.144	.075	.022	.138	.073	.022	
7.0	.151	.075	.021	.148	.074	.021	.142	.072	.021	.137	.070	.020	.132	.069	.020	
8.0	.143	.070	.020	.141	.069	.020	.136	.068	.019	.131	.066	.019	.126	.065	.019	
9.0	.136	.066	.018	.134	.065	.018	.129	.064	.018	.125	.063	.018	.121	.062	.018	
10.0	.130	.062	.017	.128	.062	.017	.124	.061	.017	.120	.060	.017	.116	.058	.017	

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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.174	.157	.142	.149	.135	.122	.102	.093	.085	.059	.054	.049	.019	.017	.016		
2.0	.161	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.039	.017	.015	.013		
3.0	.149	.114	.086	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010		
4.0	.140	.100	.069	.120	.086	.060	.082	.060	.042	.048	.035	.025	.015	.011	.008		
5.0	.131	.088	.056	.113	.076	.049	.078	.053	.035	.045	.031	.021	.015	.010	.007		
6.0	.124	.079	.047	.107	.069	.041	.074	.048	.029	.043	.028	.017	.014	.009	.006		
7.0	.117	.072	.040	.101	.062	.035	.070	.044	.025	.041	.026	.015	.013	.008	.005		
8.0	.112	.066	.034	.096	.057	.030	.066	.040	.021	.039	.024	.013	.013	.008	.004		
9.0	.106	.061	.030	.092	.053	.026	.063	.037	.018	.037	.022	.011	.012	.007	.004		
10.0	.101	.056	.026	.087	.049	.023	.061	.034	.016	.035	.020	.010	.011	.007	.003		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.8

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME:	TYPE:					WEIGHT:				
SPEC.:	DIM.:					SERIAL No.:				
MFR.:	SUR.:21cm*16cm					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	14.0	15.0	14.2	15.2	15.4	13.5	14.6	13.8	14.8	15.0
3H	14.9	15.9	15.1	16.1	16.3	14.5	15.5	14.8	15.7	16.0
4H	15.5	16.4	15.8	16.7	16.9	15.2	16.1	15.5	16.3	16.6
6H	15.9	16.8	16.3	17.1	17.3	15.7	16.6	16.0	16.8	17.1
8H	16.1	17.0	16.4	17.3	17.5	15.9	16.7	16.2	17.0	17.3
12H	16.3	17.1	16.6	17.4	17.7	16.0	16.8	16.3	17.1	17.4
4H 2H	14.2	15.2	14.5	15.4	15.6	13.8	14.8	14.1	15.0	15.3
3H	15.4	16.3	15.8	16.5	16.8	15.1	16.0	15.5	16.3	16.5
4H	16.2	17.0	16.6	17.3	17.6	16.0	16.7	16.3	17.0	17.3
6H	16.8	17.5	17.2	17.8	18.2	16.6	17.3	17.0	17.6	18.0
8H	17.1	17.7	17.5	18.1	18.4	16.9	17.5	17.3	17.9	18.2
12H	17.3	17.8	17.7	18.2	18.6	17.1	17.6	17.5	18.0	18.4
8H 4H	16.5	17.1	16.9	17.4	17.8	16.3	16.9	16.7	17.2	17.6
6H	17.3	17.8	17.7	18.2	18.6	17.1	17.6	17.5	18.0	18.4
8H	17.6	18.1	18.1	18.5	18.9	17.5	17.9	17.9	18.3	18.8
12H	17.9	18.3	18.4	18.7	19.2	17.7	18.1	18.2	18.5	19.0
12H 4H	16.5	17.1	16.9	17.4	17.8	16.3	16.9	16.7	17.2	17.6
6H	17.3	17.8	17.8	18.2	18.7	17.2	17.6	17.6	18.0	18.5
8H	17.7	18.1	18.2	18.6	19.0	17.6	18.0	18.1	18.4	18.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.5					+ 0.4 / - 0.5				
1.5H	+ 1.0 / - 0.3					+ 0.7 / - 0.4				
2.0H	+ 0.7 / - 0.4					+ 0.6 / - 0.4				

CIE Pub.117, 13500 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.0)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.8

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

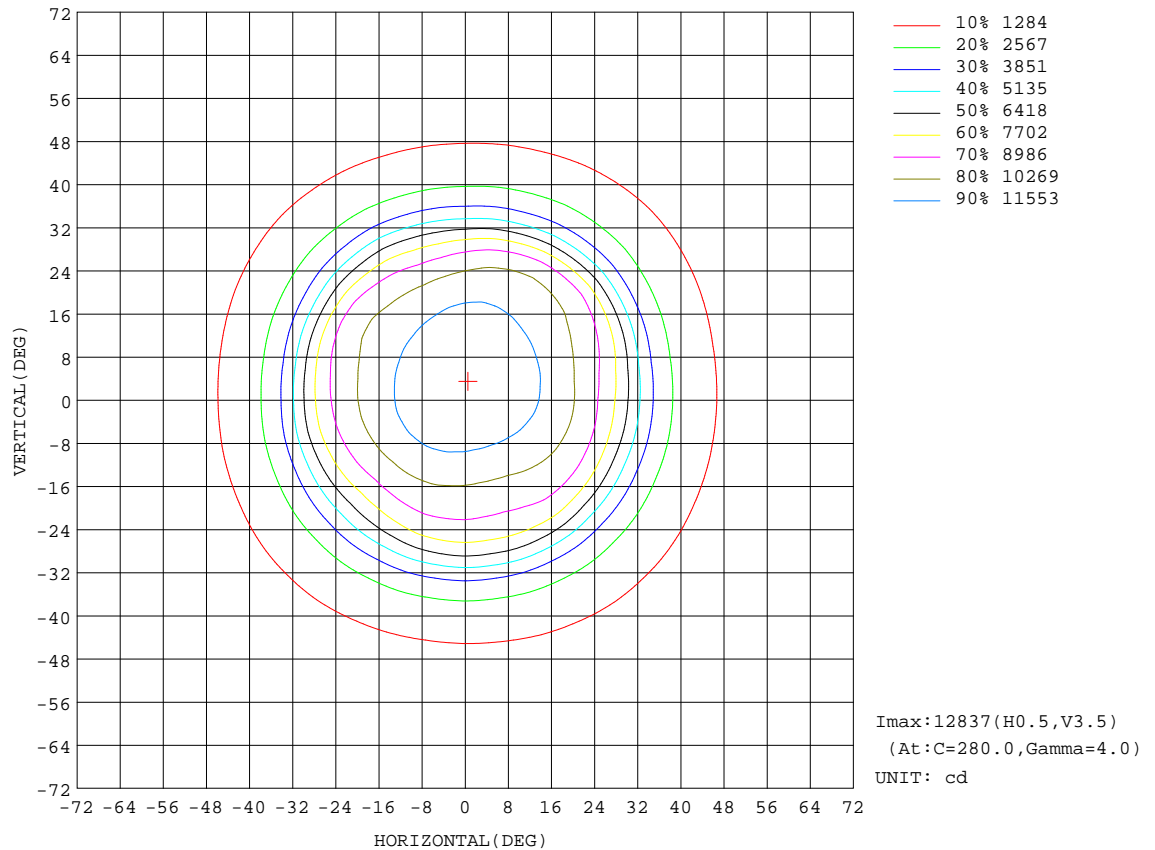
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	79	72	67	79	72	67	78	71	67	63
0.80	88	80	76	87	80	75	85	79	75	70
1.00	93	86	81	92	86	81	90	86	81	76
1.25	98	91	87	97	91	86	95	89	86	81
1.50	101	95	91	100	94	90	97	93	89	84
2.00	105	100	96	103	99	95	100	96	93	87
2.50	107	102	99	105	101	98	102	99	96	89
3.00	109	105	101	107	103	100	104	101	98	91
4.00	112	108	105	110	106	104	106	103	101	94
5.00	113	110	108	111	108	106	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.8

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:



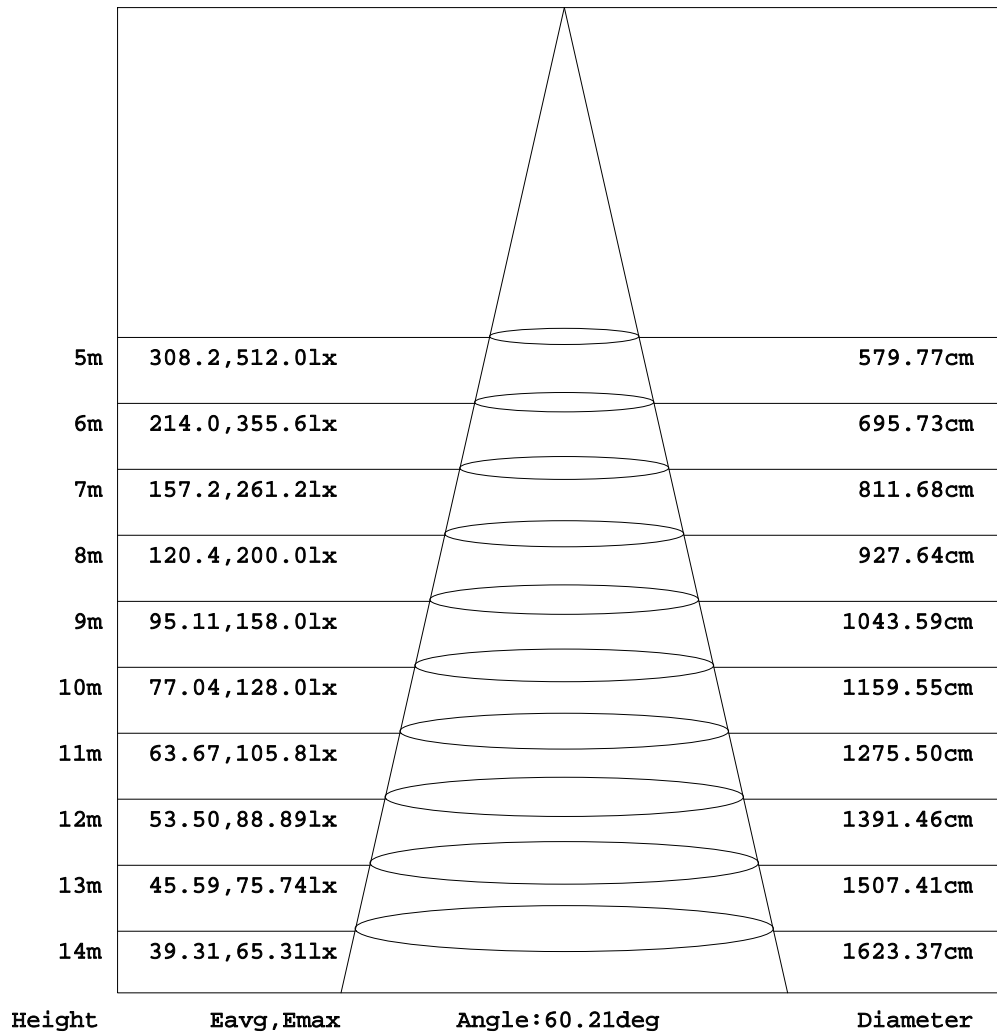
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017.11.8

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.480m [K=1.0000]
 Remarks:

AAI Figure

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

Flux out:8738 lm

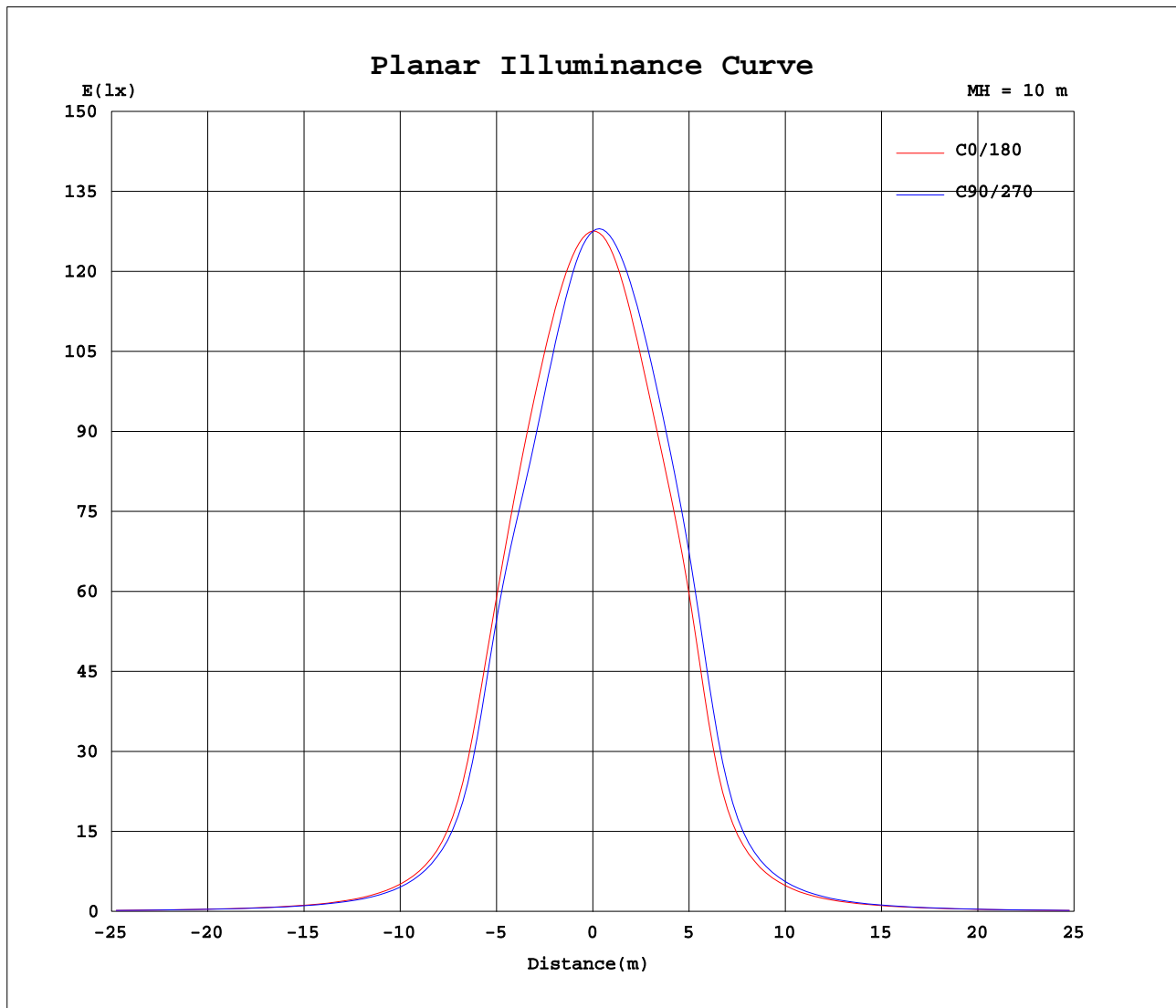


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017.11.8

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.480m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017.11.8

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.480m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

Table--1

UNIT: ×10cd

C(°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
γ (°)	0	1276	1276	1275	1276	1275	1276	1275	1276	1275	1276	1275	1276	1275	1276	1276	1276	1276	1276
5	1257	1252	1246	1242	1237	1234	1230	1230	1228	1230	1231	1235	1237	1242	1245	1250	1253	1258	1260
10	1208	1199	1187	1178	1166	1157	1148	1144	1142	1146	1150	1158	1165	1174	1181	1189	1194	1201	1205
15	1133	1123	1109	1096	1080	1064	1048	1040	1038	1044	1050	1061	1068	1078	1086	1098	1107	1117	1121
20	1033	1027	1016	1005	990	972	947	934	936	942	946	954	955	957	963	983	1000	1015	1025
25	884	880	872	866	856	851	833	823	818	823	822	819	804	793	796	824	851	877	895
30	653	635	611	599	585	588	580	581	573	577	569	568	555	555	556	575	596	625	635
35	378	366	349	341	330	329	324	325	322	324	322	324	321	324	324	331	336	347	349
40	221	217	208	205	199	199	198	199	197	198	195	195	193	194	195	198	202	209	211
45	146	142	137	134	131	131	131	131	130	130	128	128	127	128	128	130	132	136	137
50	101	98.8	95.8	94.3	93.0	92.5	92.1	91.8	91.2	90.6	89.8	89.5	89.4	89.6	89.8	90.5	91.7	93.7	94.7
55	73.7	72.8	71.5	70.8	69.9	69.6	69.1	68.9	68.2	68.0	67.3	67.4	67.2	67.5	67.4	67.9	68.2	69.3	69.7
60	57.0	56.6	56.1	55.9	55.5	55.3	54.6	54.4	54.0	53.9	53.5	53.6	53.4	53.5	53.4	53.7	53.8	54.2	54.2
65	45.8	45.6	45.4	45.6	45.3	45.0	44.5	44.3	44.0	44.0	43.8	44.1	44.0	43.9	43.8	43.8	43.7	43.9	43.6
70	38.4	38.1	38.2	38.3	38.4	38.1	37.9	37.8	37.4	37.6	37.2	37.4	37.3	37.0	37.0	36.9	36.8	36.7	36.7
75	31.0	31.2	30.7	31.0	31.5	31.1	30.8	31.1	30.5	30.7	30.2	30.0	30.1	30.1	30.6	29.7	29.4	29.5	29.3
80	19.9	19.8	19.7	20.0	20.1	20.0	19.4	19.6	19.4	19.8	19.1	20.1	19.6	19.1	19.5	18.6	18.1	18.2	18.2
85	9.24	9.07	9.08	9.14	8.71	8.58	8.27	8.40	8.38	8.85	7.77	8.69	7.97	7.72	7.39	6.81	6.17	6.65	6.24
90	0.16	0.16	0.16	0.17	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.19
95	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.21	0.21	0.21	0.21	0.24
100	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.31
105	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
110	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
115	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
120	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
125	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
130	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
135	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
140	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
145	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
150	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
155	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
160	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
165	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
170	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
175	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
180	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

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:DAMIN

Test Date:2017.11.8

γ Range: 0 - 100DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:10.480m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

Table--2

UNIT: ×10cd

C(°) γ (°)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1276	1275	1276	1275	1276	1275	1276	1275	1276	1275	1276	1275	1276	1276	1276	1276	1276		
5	1263	1266	1269	1272	1274	1277	1279	1281	1282	1283	1282	1280	1278	1275	1271	1267	1261		
10	1209	1216	1221	1228	1234	1241	1246	1253	1256	1259	1257	1254	1248	1242	1234	1226	1216		
15	1126	1134	1142	1153	1161	1172	1182	1194	1201	1206	1202	1195	1184	1173	1161	1151	1140		
20	1032	1046	1062	1072	1074	1082	1091	1107	1120	1130	1129	1119	1103	1090	1073	1056	1039		
25	913	942	970	979	967	961	955	970	997	1026	1041	1044	1032	1017	982	944	905		
30	655	691	714	737	736	745	732	736	757	796	818	838	837	831	786	738	682		
35	358	377	391	411	420	436	432	434	435	450	456	467	465	465	442	419	390		
40	214	221	225	232	235	241	242	246	248	254	255	259	256	254	244	236	225		
45	140	144	145	148	149	152	154	157	159	162	162	163	161	160	156	152	147		
50	96.4	98.5	99.5	101	102	104	105	107	107	108	108	108	108	107	105	104	102		
55	70.6	71.8	72.5	74.0	74.6	75.7	76.2	77.0	76.9	77.1	76.8	77.4	77.2	77.1	75.8	75.0	73.9		
60	54.5	55.2	55.7	56.9	57.2	57.8	57.9	58.4	58.2	58.5	58.4	58.9	58.9	59.0	58.3	57.8	57.0		
65	43.5	44.0	44.4	45.3	45.4	45.6	45.9	46.1	46.0	46.3	46.6	47.1	47.1	47.3	46.8	46.3	45.7		
70	36.7	36.9	37.0	37.6	37.5	37.9	38.2	38.4	38.4	38.5	38.9	39.3	39.4	39.8	39.1	38.7	38.4		
75	29.3	29.6	29.1	29.8	29.2	30.1	30.5	30.4	30.0	30.3	30.9	31.1	31.0	31.6	30.9	30.5	30.3		
80	18.0	17.9	17.8	18.4	18.2	18.6	18.8	19.0	18.8	19.0	19.1	19.7	19.7	20.3	19.7	19.8	19.4		
85	5.85	6.51	6.02	6.07	5.89	6.79	6.42	6.74	7.07	7.44	7.93	8.61	8.61	8.98	8.68	9.33	8.51		
90	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.19	0.18		
95	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23		
100	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29		
105	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		
110	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		
115	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		
120	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		
125	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		
130	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		
135	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		
140	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		
145	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		
150	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		
155	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		
160	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		
165	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		
170	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		
175	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		
180	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		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

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