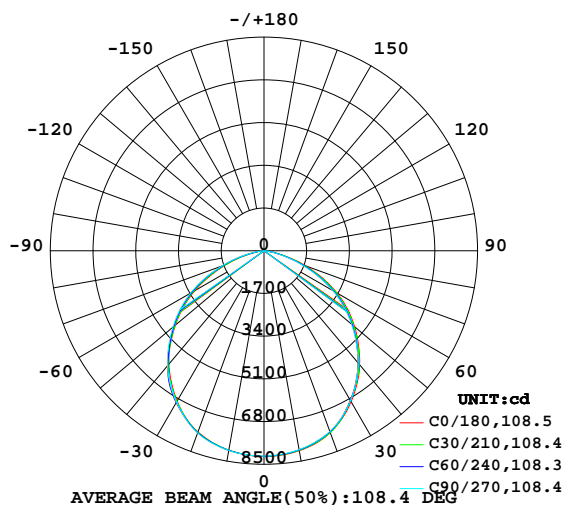


LUMINAIRE PHOTOMETRIC TEST REPORT

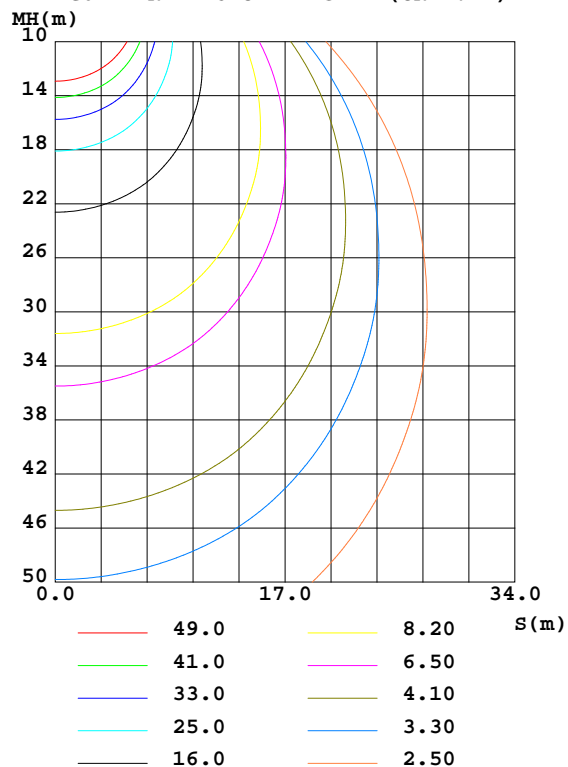
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.00 lm/W			
MODEL	UFO160M 110 3030	Imax(cd)	8187	S/MH(C0/180)	1.25
NOMINAL POWER(W)	160	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	21600	η UP,DN(C0-180)	0.0,49.3
NOMINAL FLUX(lm)	21600	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.1	η down(%)	100.0	CIBSE SHR MAX	1.35

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:2017.11.6

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	8081	8056	8035	8023	8055	8062	8071	8074	0- 10	774.3	774.3	3.58,3.58
20	7704	7685	7654	7630	7677	7700	7720	7690	10- 20	2232	3006	13.9,13.9
30	6935	6872	6884	6869	6912	6953	6963	6982	20- 30	3380	6386	29.6,29.6
40	5922	5856	5822	5836	5890	5947	5978	5950	30- 40	4029	10415	48.2,48.2
50	4711	4616	4551	4521	4603	4663	4737	4743	40- 50	4070	14486	67.1,67.1
60	3344	3240	3153	3113	3182	3290	3384	3396	50- 60	3548	18033	83.5,83.5
70	1763	1646	1547	1523	1588	1692	1792	1820	60- 70	2439	20472	94.8,94.8
80	403.3	336.3	284.2	261.3	300.2	367.8	436.0	451.3	70- 80	1013	21485	99.5,99.5
90	4.791	5.008	5.283	5.352	6.231	5.881	5.822	6.075	80- 90	106.1	21591	100,100
100	9.691	10.16	10.62	10.70	12.13	11.57	11.12	11.00	90-100	8.665	21600	100,100
110	0	0	0	0	0	0	0	0	100-110	0.5859	21600	100,100
120	0	0	0	0	0	0	0	0	110-120	0	21600	100,100
130	0	0	0	0	0	0	0	0	120-130	0	21600	100,100
140	0	0	0	0	0	0	0	0	130-140	0	21600	100,100
150	0	0	0	0	0	0	0	0	140-150	0	21600	100,100
160	0	0	0	0	0	0	0	0	150-160	0	21600	100,100
170	0	0	0	0	0	0	0	0	160-170	0	21600	100,100
180	0	0	0	0	0	0	0	0	170-180	0	21600	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 12483 lm

%lum = 57.8%

%lamp = 57.8%

Conical surface Flux(120deg): 18033 lm

%lum = 83.5%

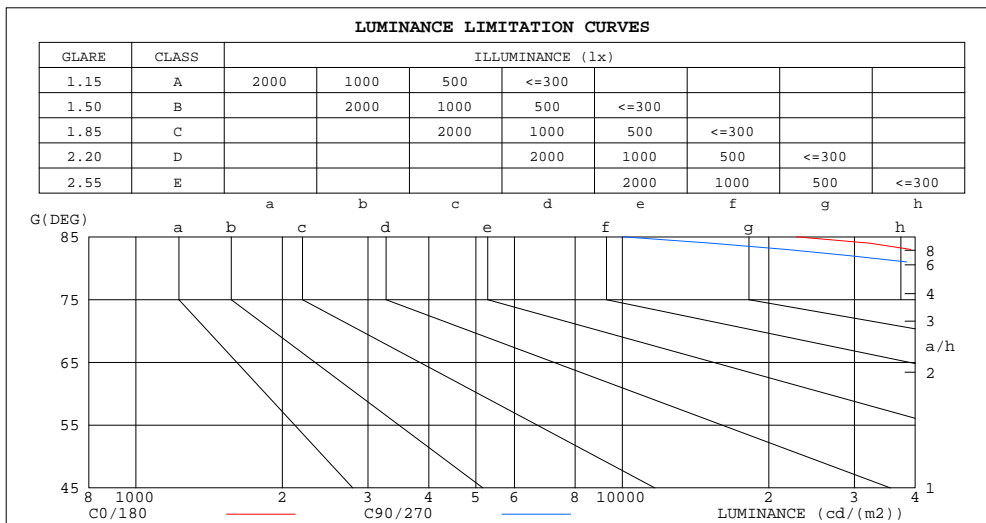
%lamp = 83.5%

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017.11.6

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	22808	10046
80	69126	48709
75	116260	94704
70	153393	134579
65	180201	164985
60	199054	187681
55	210773	201283
50	218121	210729
45	223772	218541

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.6

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	
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	.281	.160	.051	.273	.156	.050	.260	.149	.048	.248	.143	.046	.237	.137	.044		
2.0	.272	.149	.046	.265	.146	.045	.254	.141	.044	.243	.136	.043	.233	.132	.042		
3.0	.255	.136	.041	.250	.134	.040	.240	.130	.039	.230	.126	.039	.222	.123	.038		
4.0	.238	.124	.036	.233	.122	.036	.224	.119	.036	.216	.116	.035	.208	.113	.034		
5.0	.222	.113	.033	.218	.112	.033	.210	.109	.032	.202	.107	.032	.195	.104	.031		
6.0	.207	.104	.030	.203	.103	.030	.196	.100	.029	.189	.098	.029	.183	.096	.029		
7.0	.193	.096	.027	.190	.095	.027	.184	.093	.027	.178	.091	.027	.172	.089	.026		
8.0	.181	.089	.025	.178	.088	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024		
9.0	.170	.082	.023	.168	.082	.023	.163	.080	.023	.158	.079	.023	.153	.078	.022		
10.0	.161	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.145	.073	.021		

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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.179	.157	.137	.153	.135	.118	.105	.093	.082	.060	.054	.047	.019	.017	.015		
2.0	.170	.132	.101	.146	.114	.087	.100	.079	.061	.057	.046	.036	.018	.015	.012		
3.0	.162	.115	.077	.139	.099	.067	.095	.069	.047	.055	.040	.027	.018	.013	.009		
4.0	.154	.101	.060	.133	.087	.052	.091	.061	.037	.053	.036	.022	.017	.012	.007		
5.0	.147	.091	.049	.126	.078	.042	.087	.055	.030	.050	.032	.018	.016	.010	.006		
6.0	.140	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005		
7.0	.134	.075	.034	.115	.065	.030	.079	.046	.021	.046	.027	.013	.015	.009	.004		
8.0	.127	.069	.030	.110	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004		
9.0	.122	.065	.026	.105	.056	.023	.073	.039	.016	.042	.023	.010	.014	.008	.003		
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.009	.013	.007	.003		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.6

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		20.8	22.3	21.0	22.5	22.7	20.6	22.0	20.8	22.2	22.4
3H		21.9	23.3	22.2	23.5	23.8	21.6	22.9	21.9	23.2	23.4
4H		22.3	23.5	22.6	23.8	24.0	21.8	23.1	22.1	23.4	23.6
6H		22.3	23.5	22.7	23.8	24.1	21.8	23.1	22.2	23.3	23.6
8H		22.3	23.5	22.7	23.8	24.1	21.8	23.0	22.1	23.3	23.5
12H		22.3	23.4	22.6	23.7	24.0	21.8	22.9	22.1	23.2	23.5
4H 2H		21.3	22.5	21.6	22.8	23.0	21.1	22.4	21.4	22.6	22.9
3H		22.5	23.7	22.9	24.0	24.3	22.2	23.4	22.6	23.7	24.0
4H		22.9	23.9	23.3	24.3	24.6	22.5	23.6	22.9	23.9	24.2
6H		23.1	24.0	23.5	24.3	24.7	22.6	23.5	23.0	23.9	24.2
8H		23.1	23.9	23.5	24.3	24.7	22.6	23.4	23.0	23.8	24.2
12H		23.0	23.8	23.5	24.2	24.6	22.6	23.3	23.0	23.7	24.1
8H 4H		23.0	23.8	23.4	24.2	24.6	22.6	23.5	23.0	23.8	24.2
6H		23.2	23.9	23.6	24.3	24.7	22.8	23.4	23.2	23.8	24.3
8H		23.2	23.8	23.7	24.2	24.7	22.7	23.3	23.2	23.8	24.2
12H		23.2	23.7	23.7	24.2	24.6	22.7	23.2	23.2	23.7	24.2
12H 4H		23.0	23.7	23.4	24.1	24.5	22.6	23.4	23.0	23.8	24.2
6H		23.2	23.8	23.6	24.2	24.7	22.7	23.3	23.2	23.8	24.2
8H		23.2	23.7	23.7	24.2	24.6	22.7	23.2	23.2	23.7	24.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.3					+ 0.3 / - 0.3				
1.5H		+ 0.2 / - 0.4					+ 0.3 / - 0.4				
2.0H		+ 0.4 / - 0.4					+ 0.4 / - 0.4				

CIE Pub.117, 21600 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.7)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.6

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:

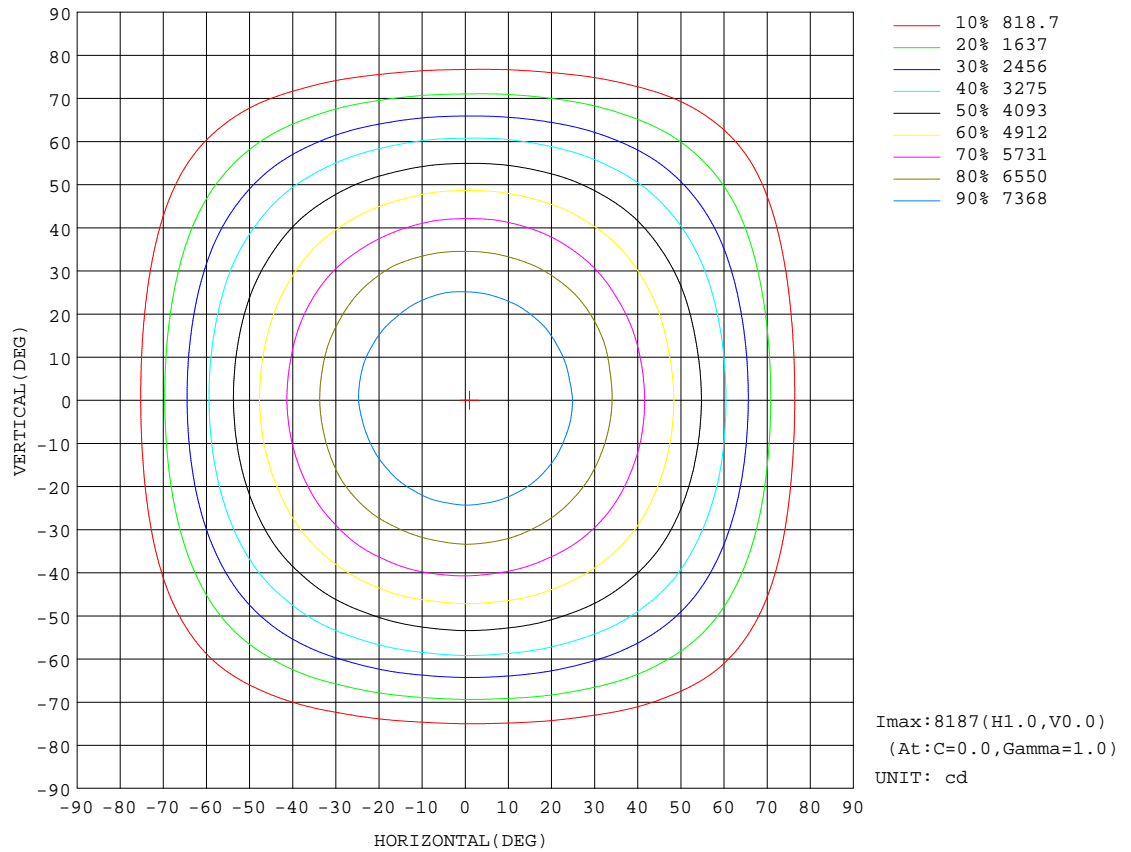
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	48	41	59	48	41	57	47	41	35
0.80	70	58	51	69	58	51	67	57	51	44
1.00	78	68	61	77	67	60	75	68	60	53
1.25	85	75	69	84	75	68	81	73	67	60
1.50	90	81	74	89	80	74	86	78	73	66
2.00	97	89	83	95	88	82	92	86	81	73
2.50	101	93	88	99	92	87	95	89	85	77
3.00	104	98	92	102	96	91	98	93	89	81
4.00	108	102	98	105	101	97	101	97	94	86
5.00	110	105	102	107	103	100	103	100	97	88
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:2017.11.6

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:



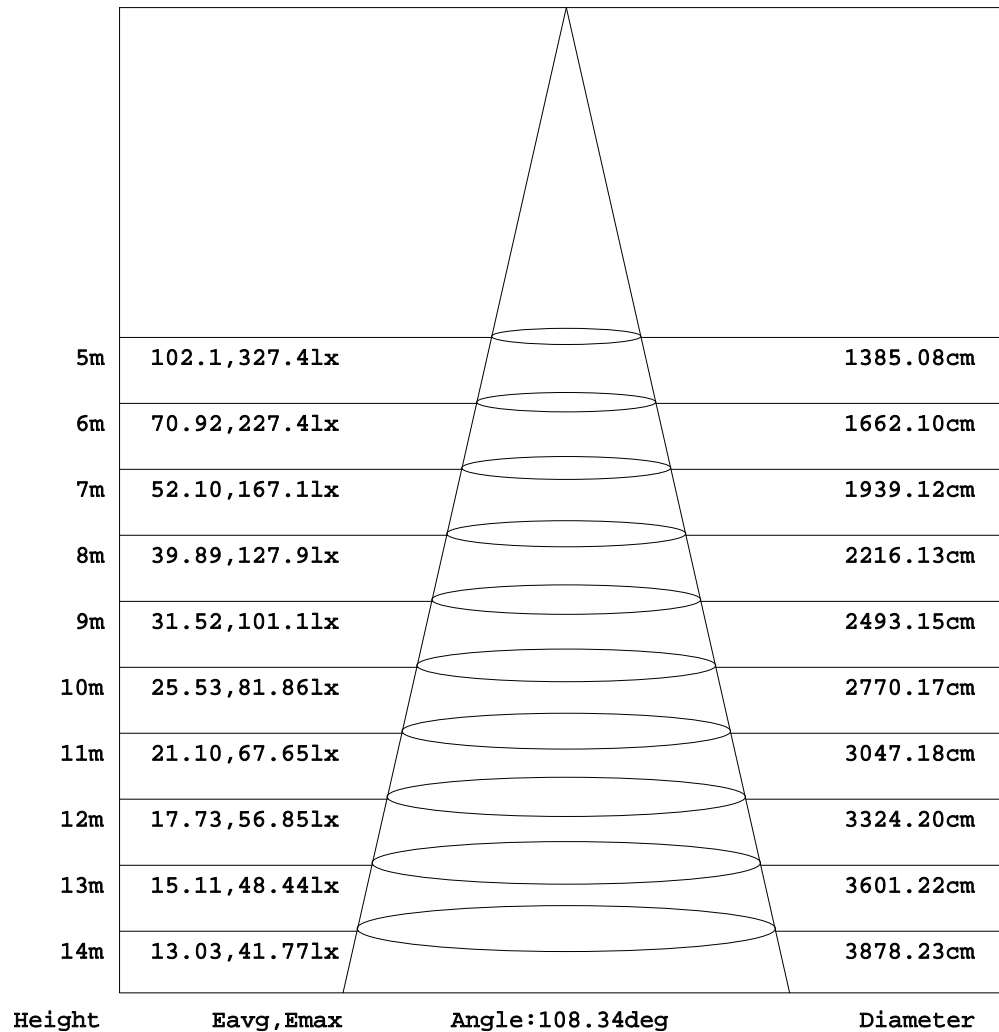
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.6

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:16359 lm

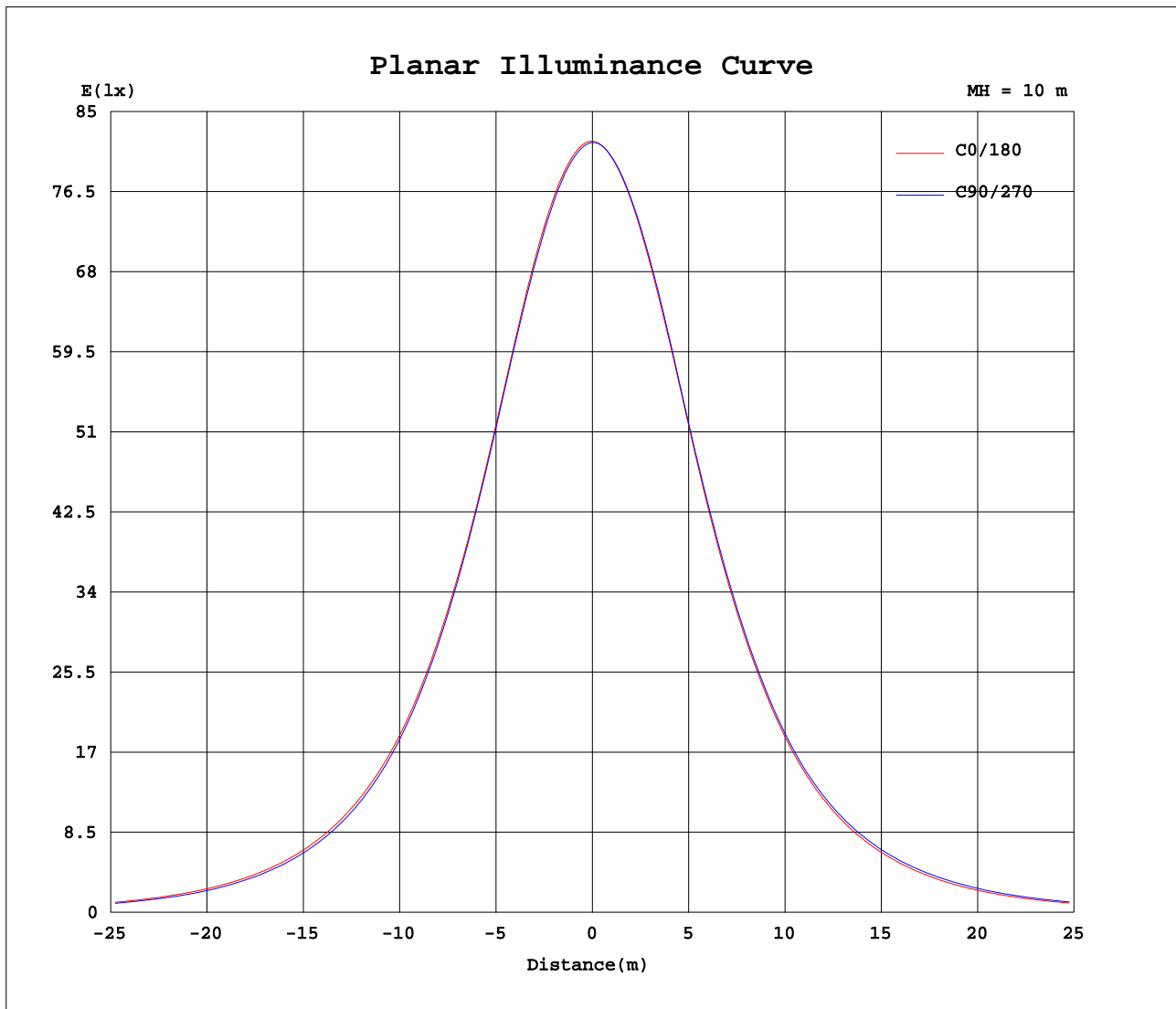


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017.11.6

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: 2017.11.6

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: cd

C(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	8186	8184	8184	8181	8180	8177	8177	8174	8173	8172	8170	8169	8167	8166	8164	8163	8162	8160	8186
5	8161	8158	8154	8150	8147	8143	8138	8134	8129	8128	8123	8123	8120	8121	8119	8120	8120	8120	8145
10	8081	8076	8069	8064	8058	8054	8047	8045	8038	8035	8028	8027	8022	8023	8023	8026	8026	8028	8055
15	7939	7935	7928	7921	7909	7902	7893	7890	7882	7881	7872	7870	7863	7864	7863	7868	7868	7874	7903
20	7704	7708	7706	7704	7690	7679	7664	7661	7651	7654	7643	7644	7632	7632	7629	7635	7635	7645	7677
25	7359	7354	7337	7338	7330	7332	7322	7324	7315	7317	7303	7304	7289	7291	7285	7294	7297	7315	7350
30	6935	6908	6882	6880	6868	6875	6876	6893	6887	6884	6859	6857	6853	6867	6871	6883	6881	6890	6912
35	6457	6439	6418	6409	6396	6391	6377	6380	6374	6382	6366	6366	6368	6400	6411	6427	6412	6410	6423
40	5922	5920	5893	5886	5864	5848	5820	5819	5808	5822	5823	5833	5827	5844	5828	5847	5856	5873	5890
45	5317	5309	5277	5276	5255	5232	5210	5215	5187	5192	5176	5205	5185	5182	5171	5177	5197	5238	5268
50	4711	4691	4666	4656	4624	4608	4585	4577	4550	4551	4528	4540	4518	4521	4520	4542	4543	4579	4603
55	4062	4037	4016	3999	3961	3944	3914	3902	3876	3879	3854	3847	3831	3848	3833	3859	3868	3892	3920
60	3344	3350	3307	3296	3251	3228	3186	3180	3159	3153	3127	3124	3110	3115	3111	3127	3139	3157	3182
65	2559	2534	2502	2479	2444	2420	2387	2373	2345	2343	2323	2325	2306	2323	2330	2339	2342	2358	2373
70	1763	1739	1704	1684	1650	1642	1608	1593	1558	1547	1526	1527	1518	1528	1519	1536	1544	1565	1588
75	1011	998	965	947	910	897	863	851	828	824	804	804	791	797	795	816	819	837	851
80	403	393	370	359	337	336	307	306	283	284	264	271	255	266	257	276	272	293	300
85	66.8	62.4	54.7	52.0	45.7	43.5	37.3	35.1	30.4	29.4	26.1	26.2	24.3	25.6	24.6	27.1	27.0	30.2	33.5
90	4.79	4.79	4.85	4.89	4.98	5.03	5.13	5.17	5.26	5.28	5.35	5.34	5.38	5.35	5.36	5.31	5.29	5.22	6.23
95	6.87	6.94	7.04	7.11	7.23	7.30	7.42	7.48	7.58	7.63	7.70	7.70	7.74	7.71	7.71	7.66	7.62	7.54	8.86
100	9.69	9.78	9.86	10.00	10.1	10.2	10.3	10.5	10.5	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.5	12.1
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:2017.11.6

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: cd

C(DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	8184	8184	8181	8180	8177	8177	8174	8173	8172	8170	8169	8167	8166	8164	8163	8162	8160		
5	8144	8146	8145	8148	8147	8149	8149	8149	8149	8148	8148	8147	8147	8147	8143	8142	8137		
10	8056	8059	8059	8063	8062	8066	8066	8070	8071	8074	8073	8074	8073	8075	8070	8068	8059		
15	7905	7913	7913	7918	7916	7924	7926	7933	7935	7938	7937	7939	7936	7936	7927	7925	7917		
20	7680	7693	7696	7702	7697	7708	7712	7723	7720	7719	7709	7704	7691	7688	7676	7677	7675		
25	7354	7364	7357	7362	7355	7374	7381	7393	7379	7374	7363	7364	7356	7357	7345	7347	7338		
30	6916	6933	6933	6950	6956	6983	6985	6983	6963	6964	6957	6969	6974	6990	6985	6978	6942		
35	6426	6452	6464	6496	6518	6542	6521	6514	6501	6507	6507	6520	6517	6527	6515	6506	6460		
40	5890	5916	5933	5950	5944	5960	5965	5983	5978	5995	5988	5985	5956	5944	5913	5923	5914		
45	5271	5289	5293	5311	5301	5313	5332	5365	5367	5384	5374	5367	5353	5353	5322	5319	5307		
50	4612	4626	4633	4662	4665	4689	4698	4733	4737	4753	4747	4755	4743	4744	4720	4714	4689		
55	3930	3954	3956	3992	4004	4033	4044	4074	4082	4102	4101	4110	4097	4101	4077	4078	4050		
60	3201	3244	3249	3285	3296	3330	3344	3378	3384	3413	3404	3405	3393	3398	3379	3377	3351		
65	2399	2437	2456	2499	2523	2558	2572	2598	2601	2617	2622	2637	2627	2627	2611	2601	2569		
70	1600	1624	1644	1680	1705	1751	1762	1788	1792	1824	1823	1834	1816	1824	1804	1800	1774		
75	867	898	918	952	970	1009	1022	1044	1049	1076	1072	1088	1083	1079	1062	1059	1024		
80	303	332	336	363	372	400	406	430	436	452	447	453	449	454	438	437	412		
85	35.9	41.8	44.9	52.6	55.6	63.8	68.2	76.0	77.7	83.7	82.3	85.8	80.5	82.6	77.2	77.7	70.1		
90	6.18	6.07	6.02	5.90	5.86	5.78	5.79	5.78	5.82	6.02	5.99	6.26	6.01	6.14	5.95	5.88	5.79		
95	8.78	8.66	8.57	8.43	8.35	8.23	8.17	8.07	8.03	7.96	7.95	7.92	7.93	7.92	7.98	8.01	8.10		
100	12.0	11.9	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.1	11.0	11.0	11.0	11.0	11.0	11.1	11.2		
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
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.11.6

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: