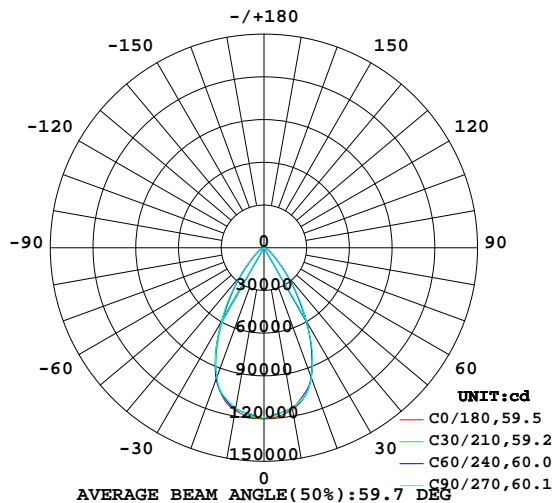


LUMINAIRE PHOTOMETRIC TEST REPORT

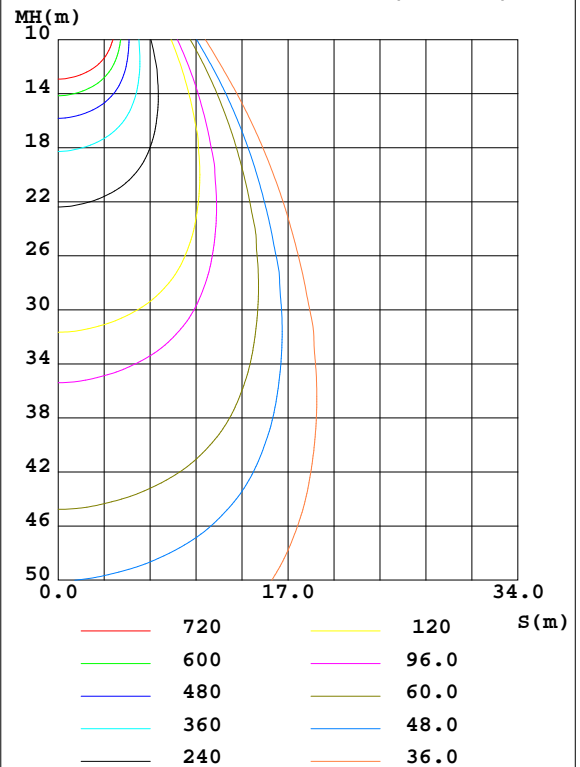
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ZGSM	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 147.64 lm/W
MODEL	ZGSM-TGD840M 60°	Imax(cd)	120227	S/MH(C0/180)	0.89	
NOMINAL POWER(W)	840	LOR(%)	100.0	S/MH(C90/270)	0.91	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	123484	η UP,DN(C0-180)	0.0,49.9	
NOMINAL FLUX(lm)	123483	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.0	
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:2019.3.20

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.300m [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	1153	1143	1143	1140	1159	1148	1145	1141	0- 10	11103	11103	8.99,8.99
20	970.3	967.9	969.3	965.8	974.2	972.5	968.7	968.6	10- 20	30163	41266	33.4,33.4
30	595.9	587.5	599.6	582.3	585.8	585.6	597.6	586.8	20- 30	35921	77187	62.5,62.5
40	261.8	253.7	265.2	246.5	252.2	248.9	265.0	252.9	30- 40	25343	102529	83,83
50	88.94	87.65	91.36	85.07	86.10	86.85	91.49	86.90	40- 50	12024	114553	92.8,92.8
60	37.46	37.79	37.89	36.24	36.00	37.25	38.06	37.40	50- 60	5199	119752	97,97
70	16.89	16.73	17.12	15.76	15.79	16.24	17.21	16.57	60- 70	2551	122303	99,99
80	4.288	4.256	4.434	3.778	3.674	3.889	4.456	4.218	70- 80	1021	123324	99.9,99.9
90	0.0797	0.0824	0.0856	0.0823	0.0973	0.0977	0.0979	0.0943	80- 90	144.9	123469	100,100
100	0.1449	0.1514	0.1589	0.1532	0.1848	0.1857	0.1888	0.1792	90-100	13.43	123483	100,100
110	0	0	0	0	0	0	0	0	100-110	0.9065	123484	100,100
120	0	0	0	0	0	0	0	0	110-120	0	123484	100,100
130	0	0	0	0	0	0	0	0	120-130	0	123484	100,100
140	0	0	0	0	0	0	0	0	130-140	0	123484	100,100
150	0	0	0	0	0	0	0	0	140-150	0	123484	100,100
160	0	0	0	0	0	0	0	0	150-160	0	123484	100,100
170	0	0	0	0	0	0	0	0	160-170	0	123484	100,100
180	0	0	0	0	0	0	0	0	170-180	0	123484	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

Conical surface Flux(90deg): 1.0987e+005 lm

%lum = 89.0%

%lamp = 89.0%

Conical surface Flux(120deg): 1.1975e+005 lm

%lum = 97.0%

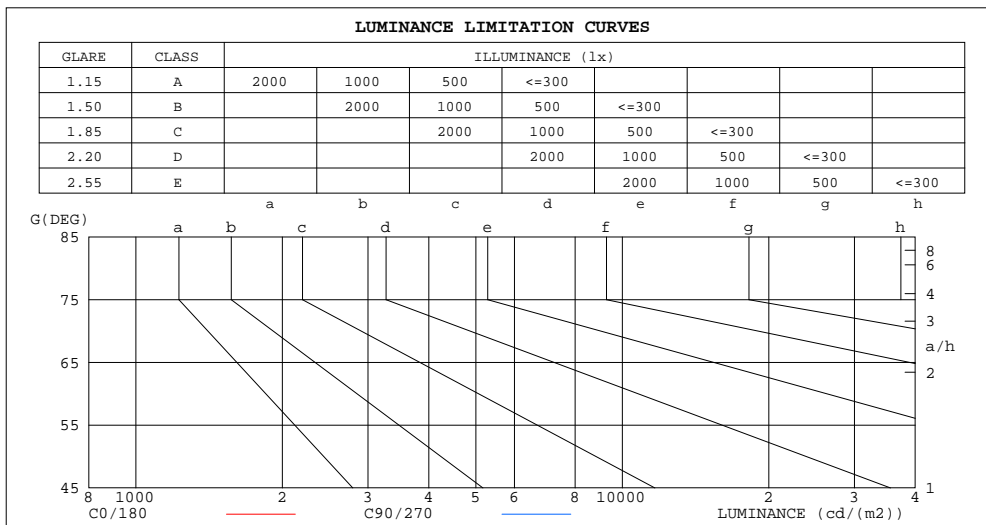
%lamp = 97.0%

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019.3.20

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.300m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

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



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	34659	37046
80	73490	76002
75	111354	114103
70	146977	148968
65	181033	183578
60	222967	225548
55	291039	299494
50	411819	423006
45	639548	642384

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2019.3.20

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.300m [K=1.0000]  
Remarks:

## WEC AND CCEC

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ZGSM	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	.197	.112	.036	.190	.109	.034	.178	.102	.033	.166	.096	.031	.155	.090	.029		
2.0	.190	.104	.032	.184	.101	.031	.173	.096	.030	.163	.092	.029	.154	.087	.027		
3.0	.181	.096	.029	.176	.094	.028	.166	.090	.027	.158	.086	.027	.150	.083	.026		
4.0	.171	.089	.026	.167	.087	.026	.159	.084	.025	.152	.081	.025	.145	.079	.024		
5.0	.163	.083	.024	.159	.082	.024	.152	.079	.023	.145	.077	.023	.139	.074	.022		
6.0	.155	.077	.022	.151	.076	.022	.145	.074	.022	.139	.072	.021	.134	.070	.021		
7.0	.147	.073	.021	.144	.072	.020	.139	.070	.020	.133	.068	.020	.129	.067	.020		
8.0	.140	.068	.019	.138	.068	.019	.133	.066	.019	.128	.065	.019	.124	.063	.018		
9.0	.134	.065	.018	.131	.064	.018	.127	.063	.018	.123	.062	.018	.119	.060	.017		
10.0	.128	.061	.017	.126	.061	.017	.122	.060	.017	.118	.059	.017	.114	.057	.016		

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016		
2.0	.159	.132	.110	.136	.114	.095	.093	.079	.067	.054	.046	.039	.017	.015	.013		
3.0	.147	.114	.087	.126	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010		
4.0	.138	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008		
5.0	.130	.088	.057	.111	.076	.050	.077	.053	.035	.044	.031	.021	.014	.010	.007		
6.0	.122	.079	.048	.105	.068	.042	.073	.048	.029	.042	.028	.017	.014	.009	.006		
7.0	.116	.072	.040	.100	.062	.035	.069	.043	.025	.040	.026	.015	.013	.008	.005		
8.0	.110	.065	.035	.095	.057	.030	.066	.040	.021	.038	.023	.013	.012	.008	.004		
9.0	.105	.060	.030	.091	.052	.026	.063	.037	.019	.037	.022	.011	.012	.007	.004		
10.0	.100	.056	.026	.087	.049	.023	.060	.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:2019.3.20

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.300m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: ZGSM					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		14.3	15.4	14.5	15.5	15.7	14.4	15.4	14.6	15.6	15.8
3H		14.4	15.4	14.7	15.6	15.8	14.5	15.5	14.8	15.7	15.9
4H		14.5	15.4	14.7	15.6	15.8	14.5	15.4	14.8	15.7	15.9
6H		14.4	15.3	14.7	15.5	15.8	14.5	15.3	14.8	15.6	15.8
8H		14.4	15.2	14.7	15.5	15.7	14.5	15.3	14.8	15.5	15.8
12H		14.3	15.1	14.7	15.4	15.7	14.4	15.2	14.7	15.5	15.8
4H 2H		14.2	15.2	14.5	15.4	15.6	14.3	15.2	14.6	15.4	15.7
3H		14.5	15.3	14.8	15.5	15.8	14.5	15.3	14.9	15.6	15.9
4H		14.5	15.3	14.9	15.6	15.9	14.6	15.3	15.0	15.6	15.9
6H		14.5	15.2	14.9	15.5	15.9	14.6	15.2	15.0	15.6	15.9
8H		14.5	15.1	14.9	15.4	15.8	14.6	15.2	15.0	15.5	15.9
12H		14.5	15.0	14.9	15.4	15.8	14.5	15.1	14.9	15.4	15.8
8H 4H		14.5	15.1	14.9	15.4	15.8	14.5	15.1	14.9	15.5	15.8
6H		14.5	15.0	14.9	15.4	15.8	14.6	15.0	15.0	15.4	15.9
8H		14.5	14.9	14.9	15.3	15.8	14.5	15.0	15.0	15.4	15.8
12H		14.4	14.8	14.9	15.2	15.7	14.5	14.9	15.0	15.3	15.8
12H 4H		14.4	15.0	14.9	15.3	15.7	14.5	15.0	14.9	15.4	15.8
6H		14.5	14.9	14.9	15.3	15.7	14.5	14.9	15.0	15.4	15.8
8H		14.4	14.8	14.9	15.3	15.7	14.5	14.9	15.0	15.3	15.8
Variations with the observer position at spacings:											
S = 1.0H		+ 1.7 / - 2.8					+ 1.7 / - 2.8				
1.5H		+ 2.9 / - 2.2					+ 2.9 / - 2.4				
2.0H		+ 3.1 / - 2.0					+ 3.1 / - 2.1				

CIE Pub.117, 123483 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 16.7$ )

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2019.3.20

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.300m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

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

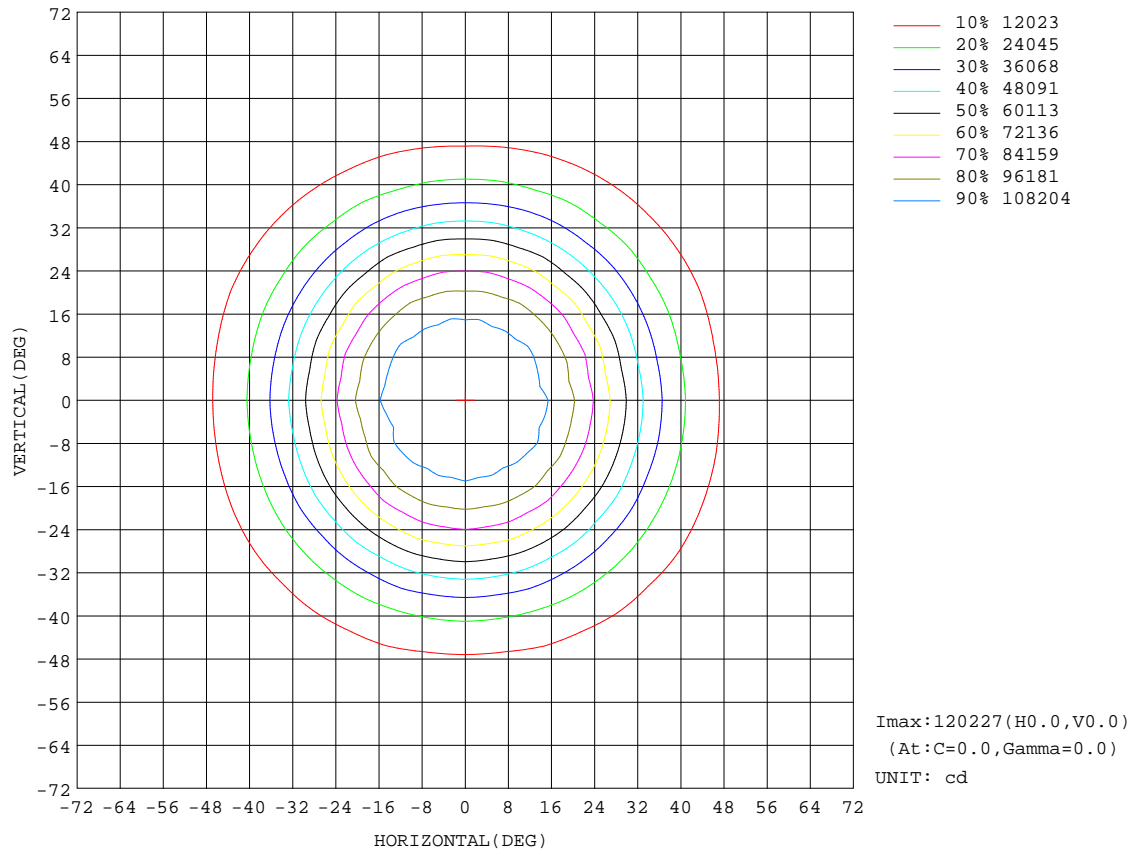
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	73	69	80	73	69	79	73	69	64
0.80	89	82	78	88	82	77	87	81	77	73
1.00	95	88	84	94	88	83	92	88	83	78
1.25	100	93	89	98	93	89	96	92	88	83
1.50	103	97	93	101	96	93	99	95	92	87
2.00	106	101	98	105	100	97	102	98	95	90
2.50	108	104	100	107	103	99	103	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	113	109	107	110	108	105	107	104	103	95
5.00	114	111	109	112	109	107	108	106	104	96
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:2019.3.20

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.300m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

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

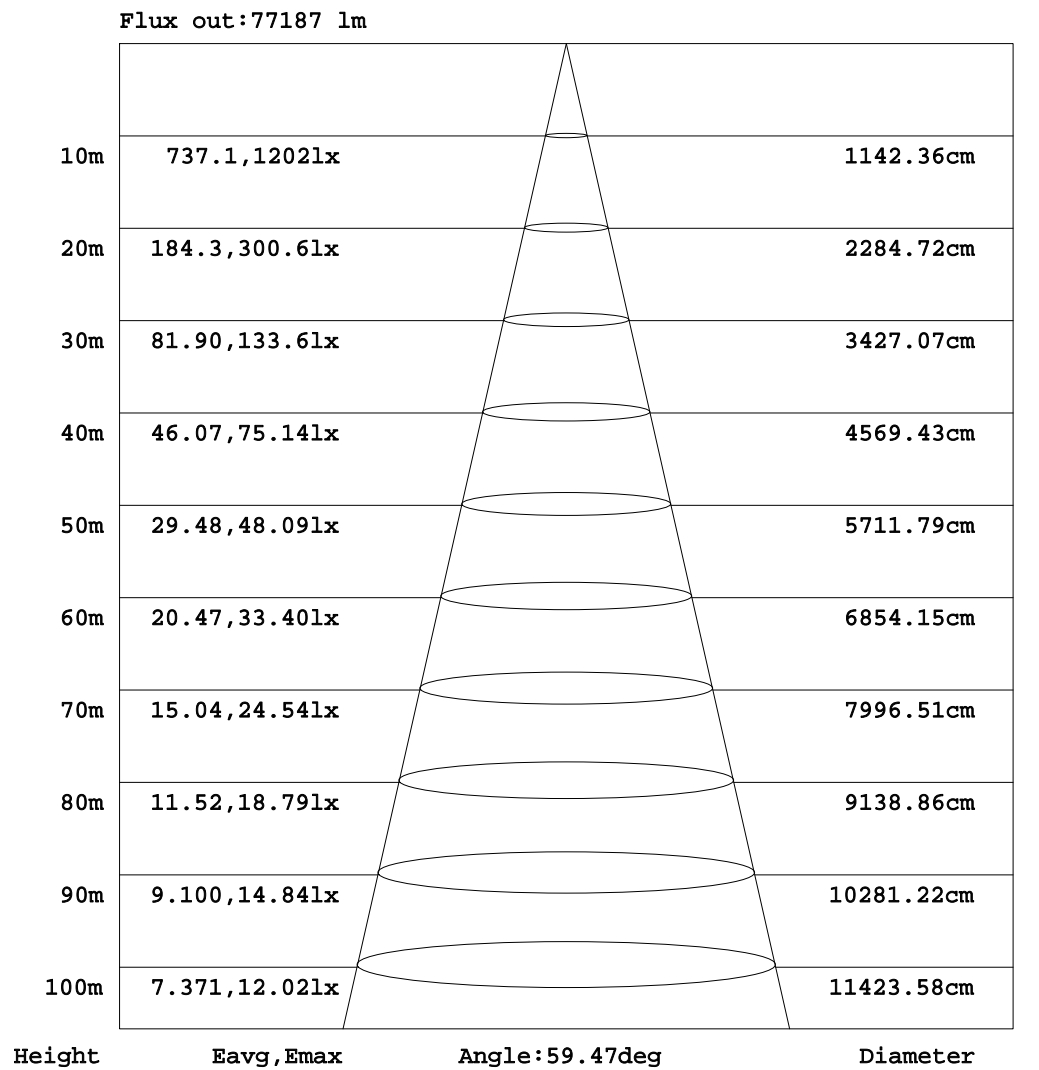


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2019.3.20

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.300m [K=1.0000]  
Remarks:

AAI Figure

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



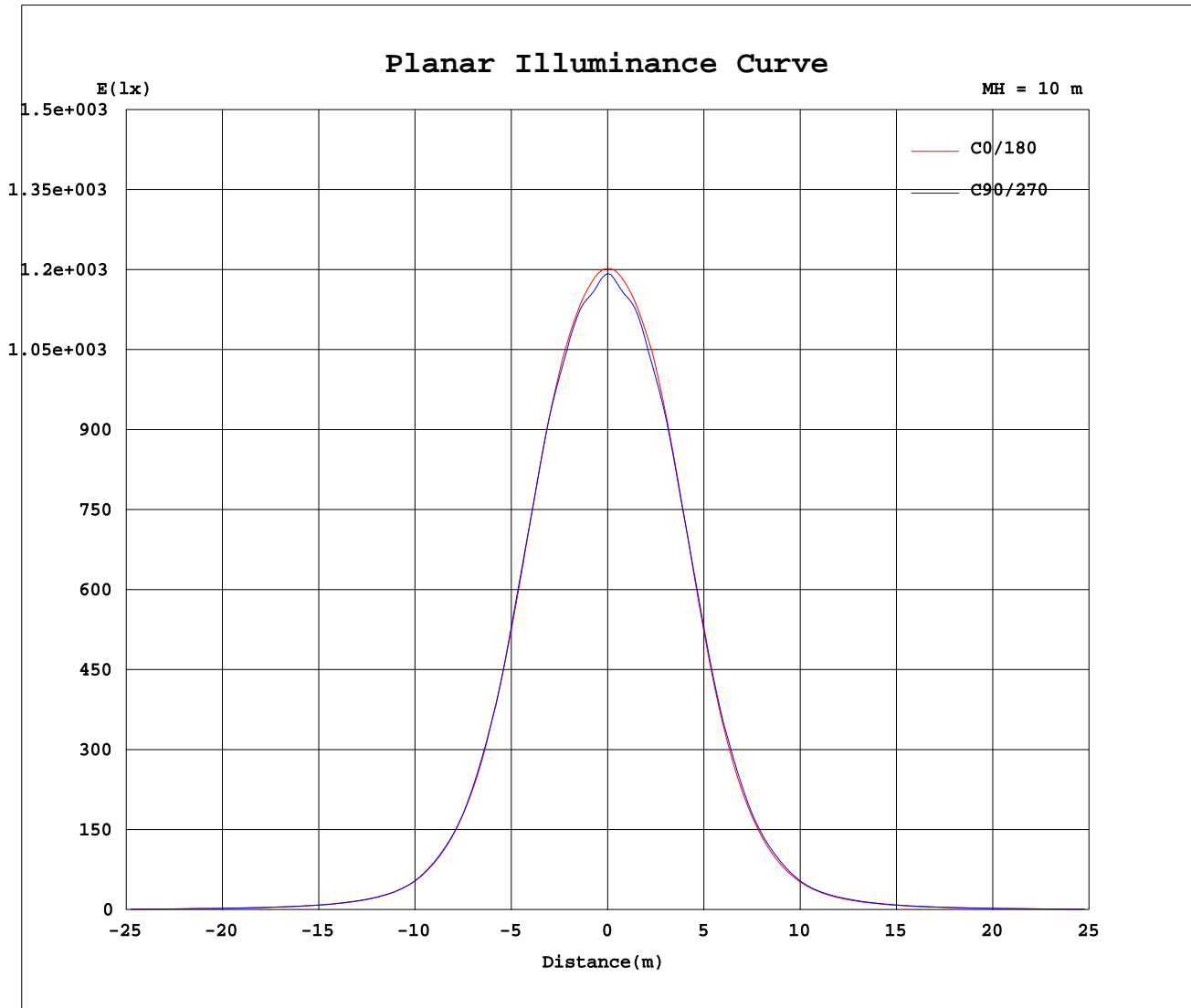
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019.3.20

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.300m [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: 2019.3.20

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 10.300m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

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

Table--1

UNIT: ×100cd

C(°) γ (°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1202	1201	1200	1198	1198	1196	1196	1195	1194	1193	1192	1191	1190	1189	1189	1188	1188	1187	1202
5	1187	1184	1179	1174	1169	1168	1167	1167	1166	1165	1165	1164	1163	1163	1165	1169	1173	1175	1191
10	1153	1148	1135	1141	1140	1146	1144	1145	1142	1143	1142	1145	1143	1144	1136	1136	1132	1144	1159
15	1089	1083	1076	1091	1083	1081	1072	1079	1076	1082	1076	1079	1073	1083	1085	1087	1069	1078	1098
20	970	962	965	973	961	974	970	972	964	969	964	974	971	973	959	970	955	954	974
25	794	788	790	789	791	797	793	802	798	803	798	801	790	794	786	784	783	776	793
30	596	592	588	588	583	592	595	597	594	600	594	596	590	586	579	580	575	573	586
35	409	407	401	404	399	404	406	416	414	417	413	414	400	399	391	394	391	394	401
40	262	260	256	253	253	254	260	260	261	265	261	257	256	248	246	246	246	248	252
45	152	153	152	150	147	151	149	156	153	153	154	155	147	147	142	144	145	145	147
50	88.9	90.6	90.3	90.3	87.8	87.5	90.0	90.4	89.9	91.4	90.2	89.7	88.9	85.7	84.4	86.4	86.0	86.1	86.1
55	56.1	56.5	57.0	57.9	57.2	55.5	56.1	57.6	57.5	57.7	57.5	57.0	55.3	54.2	54.8	55.0	54.4	53.5	54.4
60	37.5	37.7	37.9	38.1	38.0	37.6	37.2	38.3	37.9	37.9	37.6	37.7	36.6	36.5	35.9	35.8	35.8	35.6	36.0
65	25.7	25.8	25.7	25.9	25.7	25.5	25.2	26.1	26.0	26.1	25.7	25.5	24.7	24.7	24.2	24.2	24.2	24.2	24.5
70	16.9	16.9	16.8	16.9	16.8	16.7	16.4	17.0	17.1	17.1	16.8	16.5	16.0	15.9	15.6	15.6	15.6	15.6	15.8
75	9.68	9.68	9.53	9.69	9.58	9.66	9.54	9.83	9.91	9.92	9.65	9.45	9.15	9.06	8.77	8.70	8.64	8.73	8.82
80	4.29	4.30	4.20	4.27	4.22	4.30	4.24	4.37	4.40	4.43	4.24	4.13	3.95	3.87	3.69	3.68	3.59	3.65	3.67
85	1.01	1.02	0.98	1.00	0.96	1.00	1.00	1.06	1.06	1.08	0.99	0.94	0.84	0.81	0.74	0.74	0.71	0.72	0.73
90	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.10
95	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.13
100	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.18
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:2019.3.20

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.300m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

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

Table--2

UNIT: ×100cd

C(°) γ (°)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1201	1200	1198	1198	1196	1196	1195	1194	1193	1192	1191	1190	1189	1189	1188	1188	1187		
5	1190	1186	1181	1176	1172	1171	1169	1169	1167	1166	1164	1163	1162	1163	1164	1168	1170		
10	1154	1148	1141	1147	1149	1152	1150	1150	1145	1146	1144	1145	1141	1141	1128	1131	1132		
15	1085	1086	1091	1099	1084	1085	1080	1087	1081	1084	1075	1079	1075	1087	1081	1073	1066		
20	958	969	971	972	973	982	973	976	969	974	970	978	970	967	965	965	947		
25	779	794	783	797	794	801	800	808	802	807	799	800	792	797	781	793	774		
30	574	585	578	586	585	600	595	602	598	602	594	600	586	588	582	589	580		
35	396	397	394	395	400	407	414	419	417	420	416	408	402	401	401	401	400		
40	250	250	246	249	249	260	257	263	265	265	259	262	251	254	250	255	255		
45	147	149	146	146	147	149	155	156	153	157	156	151	150	147	147	151	149		
50	87.7	88.8	88.4	87.3	86.4	90.0	90.1	90.6	91.5	91.5	90.6	91.1	87.0	86.8	88.1	88.8	87.8		
55	54.8	55.8	56.8	56.9	55.0	55.4	57.4	58.2	58.2	58.7	57.8	56.7	55.5	56.3	55.9	55.9	55.2		
60	36.2	36.9	37.0	37.5	37.0	36.8	38.1	38.2	38.1	38.4	38.5	37.9	37.5	37.3	36.8	37.2	36.7		
65	24.5	24.9	25.0	25.2	24.9	25.0	25.8	26.2	26.2	26.3	26.1	25.8	25.5	25.3	25.0	25.3	25.2		
70	15.7	16.0	16.0	16.3	16.2	16.2	16.7	17.2	17.2	17.3	17.0	16.8	16.6	16.5	16.3	16.6	16.5		
75	8.75	8.90	8.89	9.19	9.18	9.35	9.53	9.97	9.96	10.0	9.76	9.76	9.56	9.52	9.33	9.46	9.42		
80	3.64	3.72	3.75	3.88	3.90	4.08	4.18	4.42	4.46	4.50	4.34	4.36	4.22	4.22	4.13	4.20	4.16		
85	0.71	0.75	0.74	0.80	0.82	0.90	0.96	1.06	1.09	1.11	1.05	1.04	0.98	0.99	0.96	1.00	0.98		
90	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09		
95	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12		
100	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.17		
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: 2019.3.20

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.300m [K=1.0000]  
Remarks: