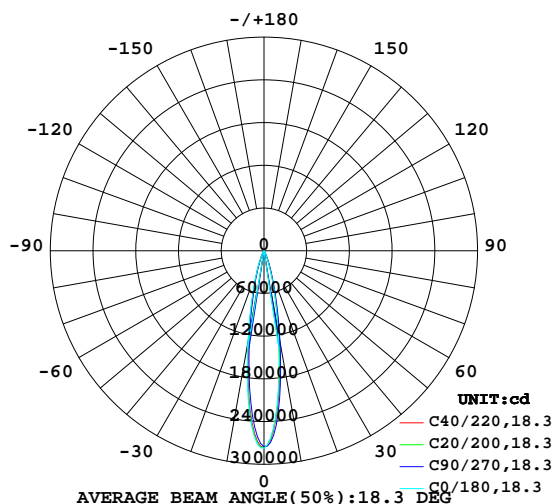


**LUMINAIRE PHOTOMETRIC TEST REPORT**

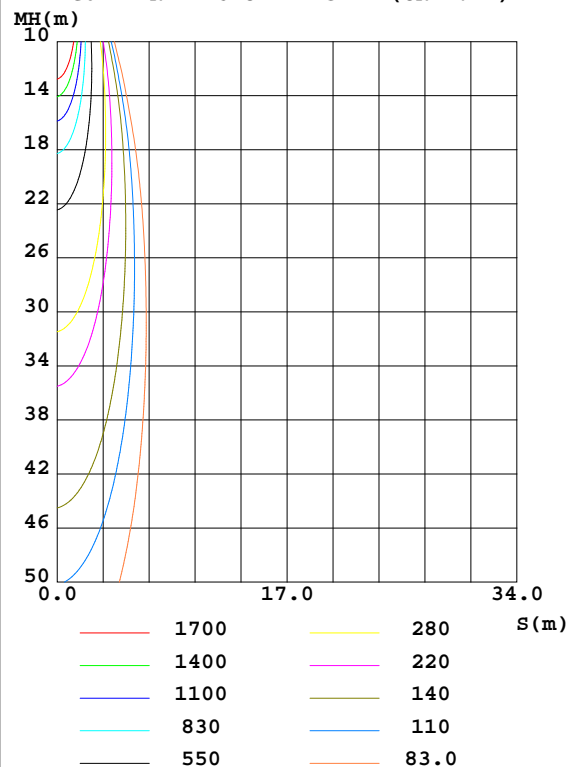
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ZGSM	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.68 lm/W			
MODEL	ZGSM-TGD280M 15°	Imax(cd)	277330	S/MH(C0/180)	0.33
NOMINAL POWER(W)	280	LOR(%)	100.0	S/MH(C90/270)	0.30
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	42190	η UP,DN(C0-180)	0.0,51.5
NOMINAL FLUX(lm)	42190	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220.1	η down(%)	100.0	CIBSE SHR MAX	1.00

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:2019.3.13

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	1157	1219	1299	1333	1301	1235	1152	1115	0- 10	17784	17784	42.2,42.2
20	200.1	244.1	242.9	275.0	248.3	250.1	202.8	222.6	10- 20	16002	33786	80.1,80.1
30	30.10	34.60	34.35	44.07	34.33	37.73	30.19	31.00	20- 30	4528	38315	90.8,90.8
40	13.10	15.33	14.35	16.33	14.18	15.82	13.79	14.88	30- 40	1251	39565	93.8,93.8
50	9.724	11.52	10.68	11.82	10.54	11.56	10.47	11.10	40- 50	973.5	40539	96.1,96.1
60	7.195	7.272	7.787	7.485	7.447	7.314	7.554	7.035	50- 60	823.5	41362	98,98
70	3.862	3.775	4.146	3.891	3.946	3.768	3.953	3.629	60- 70	547.9	41910	99.3,99.3
80	0.9616	0.9869	1.150	1.029	1.016	0.9602	1.023	0.8923	70- 80	241.0	42151	99.9,99.9
90	0.0253	0.0248	0.0249	0.0237	0.0290	0.0286	0.0293	0.0285	80- 90	34.56	42186	100,100
100	0.0393	0.0388	0.0387	0.0371	0.0456	0.0459	0.0475	0.0466	90-100	3.696	42190	100,100
110	0	0	0	0	0	0	0	0	100-110	0.2278	42190	100,100
120	0	0	0	0	0	0	0	0	110-120	0	42190	100,100
130	0	0	0	0	0	0	0	0	120-130	0	42190	100,100
140	0	0	0	0	0	0	0	0	130-140	0	42190	100,100
150	0	0	0	0	0	0	0	0	140-150	0	42190	100,100
160	0	0	0	0	0	0	0	0	150-160	0	42190	100,100
170	0	0	0	0	0	0	0	0	160-170	0	42190	100,100
180	0	0	0	0	0	0	0	0	170-180	0	42190	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

Conical surface Flux(90deg): 40063 lm

%lum = 95.0%

%lamp = 95.0%

Conical surface Flux(120deg): 41362 lm

%lum = 98.0%

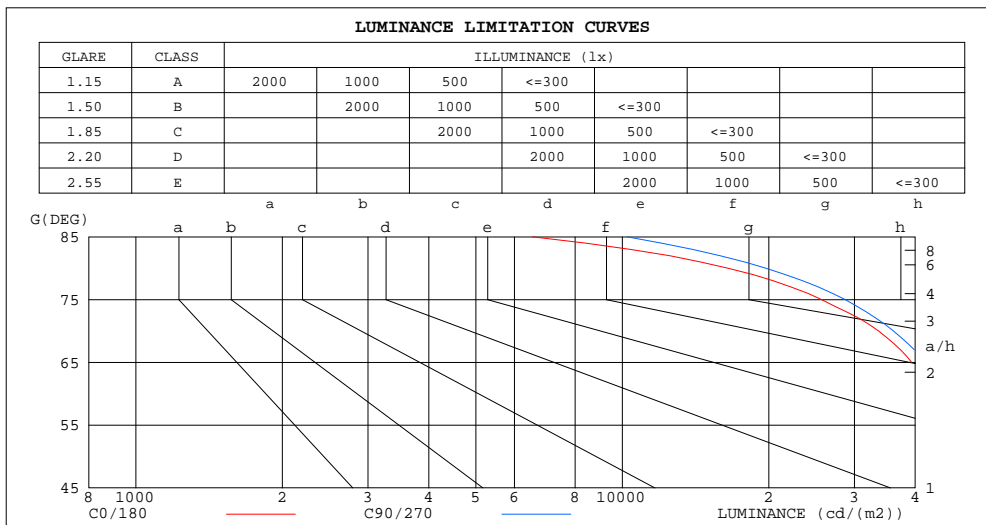
%lamp = 98.0%

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019.3.13

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	6537	10235
80	16482	19715
75	25665	28708
70	33605	36079
65	39319	41985
60	42830	46352
55	45720	49976
50	45026	49433
45	44816	49390

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019.3.13

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:

## 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	.143 .081 .026	.136 .078 .025	.124 .071 .023	.113 .065 .021	.102 .059 .019	
2.0	.133 .073 .022	.127 .070 .022	.117 .065 .020	.107 .060 .019	.099 .056 .018	
3.0	.123 .065 .020	.118 .063 .019	.110 .059 .018	.102 .056 .017	.094 .052 .016	
4.0	.114 .059 .017	.111 .058 .017	.103 .055 .016	.097 .052 .016	.090 .049 .015	
5.0	.107 .055 .016	.104 .053 .016	.098 .051 .015	.092 .048 .014	.086 .046 .014	
6.0	.100 .050 .014	.098 .049 .014	.092 .047 .014	.087 .045 .013	.083 .044 .013	
7.0	.095 .047 .013	.092 .046 .013	.088 .044 .013	.083 .043 .012	.079 .041 .012	
8.0	.090 .044 .012	.088 .043 .012	.084 .042 .012	.080 .040 .012	.076 .039 .011	
9.0	.085 .041 .012	.083 .041 .011	.080 .039 .011	.077 .038 .011	.073 .037 .011	
10.0	.081 .039 .011	.080 .038 .011	.076 .037 .011	.073 .036 .010	.071 .036 .010	

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	.169 .158 .148	.144 .135 .127	.099 .093 .088	.057 .054 .051	.018 .017 .017	
2.0	.151 .133 .117	.129 .114 .101	.089 .079 .071	.051 .046 .041	.016 .015 .014	
3.0	.136 .113 .095	.117 .098 .083	.080 .068 .058	.046 .040 .034	.015 .013 .011	
4.0	.124 .098 .078	.106 .085 .068	.073 .059 .048	.042 .035 .028	.014 .011 .009	
5.0	.113 .086 .066	.097 .074 .057	.067 .052 .040	.039 .030 .024	.012 .010 .008	
6.0	.104 .076 .056	.089 .066 .048	.062 .046 .034	.036 .027 .020	.012 .009 .007	
7.0	.096 .068 .047	.083 .059 .041	.057 .041 .029	.033 .024 .017	.011 .008 .006	
8.0	.089 .061 .041	.077 .053 .036	.053 .037 .025	.031 .022 .015	.010 .007 .005	
9.0	.084 .055 .036	.072 .048 .031	.050 .034 .022	.029 .020 .013	.009 .007 .004	
10.0	.078 .050 .031	.068 .044 .027	.047 .031 .019	.027 .018 .012	.009 .006 .004	

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2019.3.13

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		5.9	6.6	6.1	6.7	6.9	6.3	6.9	6.5	7.1	7.2
3H		7.1	7.7	7.3	7.9	8.1	7.4	8.1	7.7	8.2	8.4
4H		7.4	8.0	7.7	8.2	8.4	7.8	8.4	8.1	8.6	8.8
6H		7.5	8.1	7.8	8.3	8.6	8.0	8.5	8.2	8.8	9.0
8H		7.5	8.1	7.8	8.3	8.6	8.0	8.5	8.3	8.8	9.0
12H		7.5	8.0	7.8	8.3	8.6	7.9	8.5	8.3	8.7	9.0
4H 2H		6.5	7.1	6.8	7.3	7.5	6.8	7.4	7.0	7.6	7.8
3H		7.8	8.3	8.1	8.5	8.8	8.0	8.6	8.4	8.8	9.1
4H		8.2	8.6	8.5	8.9	9.2	8.5	8.9	8.8	9.2	9.5
6H		8.3	8.7	8.7	9.1	9.4	8.7	9.1	9.0	9.4	9.8
8H		8.3	8.7	8.7	9.1	9.4	8.7	9.1	9.1	9.4	9.8
12H		8.3	8.6	8.7	9.0	9.4	8.7	9.0	9.1	9.4	9.8
8H 4H		8.2	8.6	8.6	9.0	9.4	8.5	8.9	8.9	9.3	9.6
6H		8.4	8.8	8.9	9.2	9.6	8.8	9.1	9.2	9.5	9.9
8H		8.5	8.8	8.9	9.2	9.6	8.8	9.1	9.3	9.5	10.0
12H		8.4	8.7	8.9	9.1	9.6	8.8	9.1	9.3	9.5	10.0
12H 4H		8.2	8.6	8.6	8.9	9.3	8.5	8.9	8.9	9.2	9.6
6H		8.4	8.7	8.9	9.1	9.6	8.7	9.0	9.2	9.5	9.9
8H		8.4	8.7	8.9	9.1	9.6	8.8	9.0	9.3	9.5	9.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.3				
1.5H		+ 0.2 / - 0.5					+ 0.2 / - 0.4				
2.0H		+ 0.4 / - 0.5					+ 0.5 / - 0.4				

CIE Pub.117, 42190 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 13.0)

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2019.3.13

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:

### UTILIZATION FACTORS TABLE

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

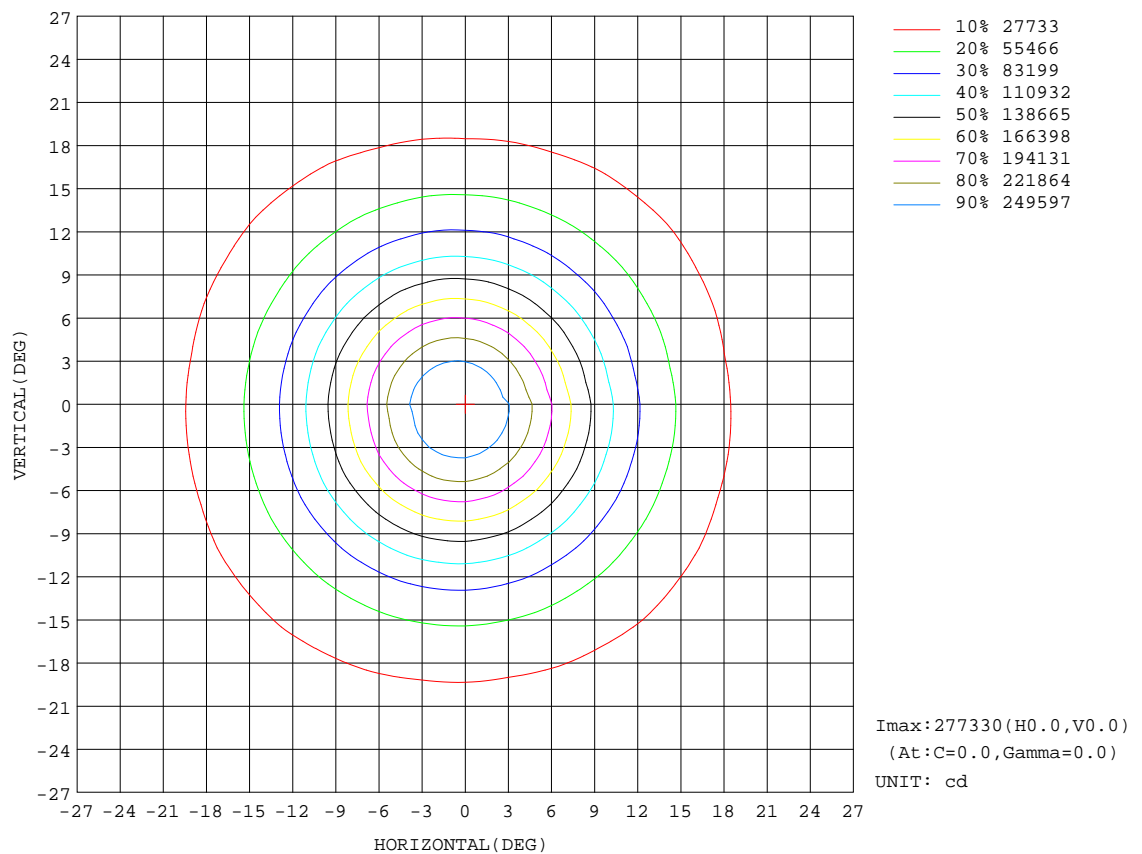
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	101	95
3.00	112	108	106	110	107	104	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
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:2019.3.13

$\gamma$  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:

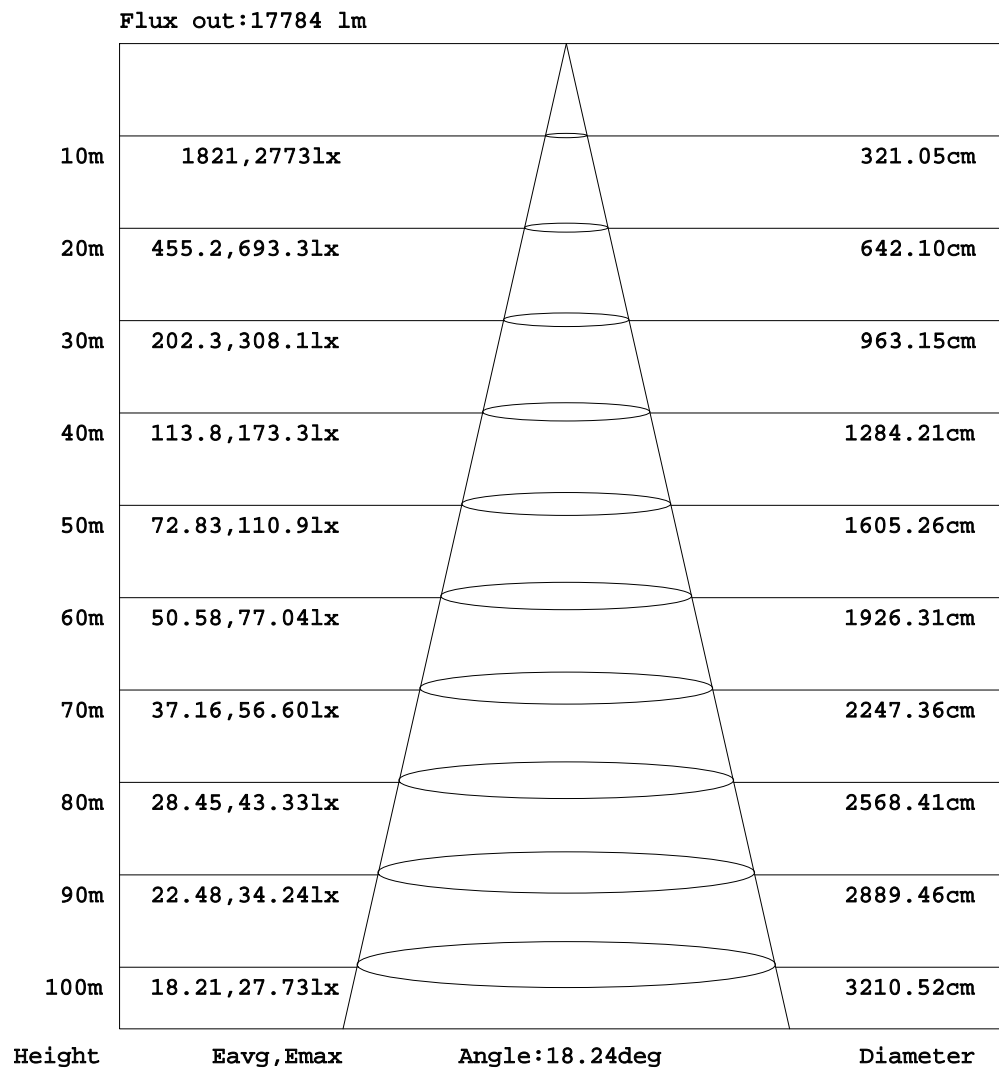


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2019.3.13

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:

AAI Figure

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



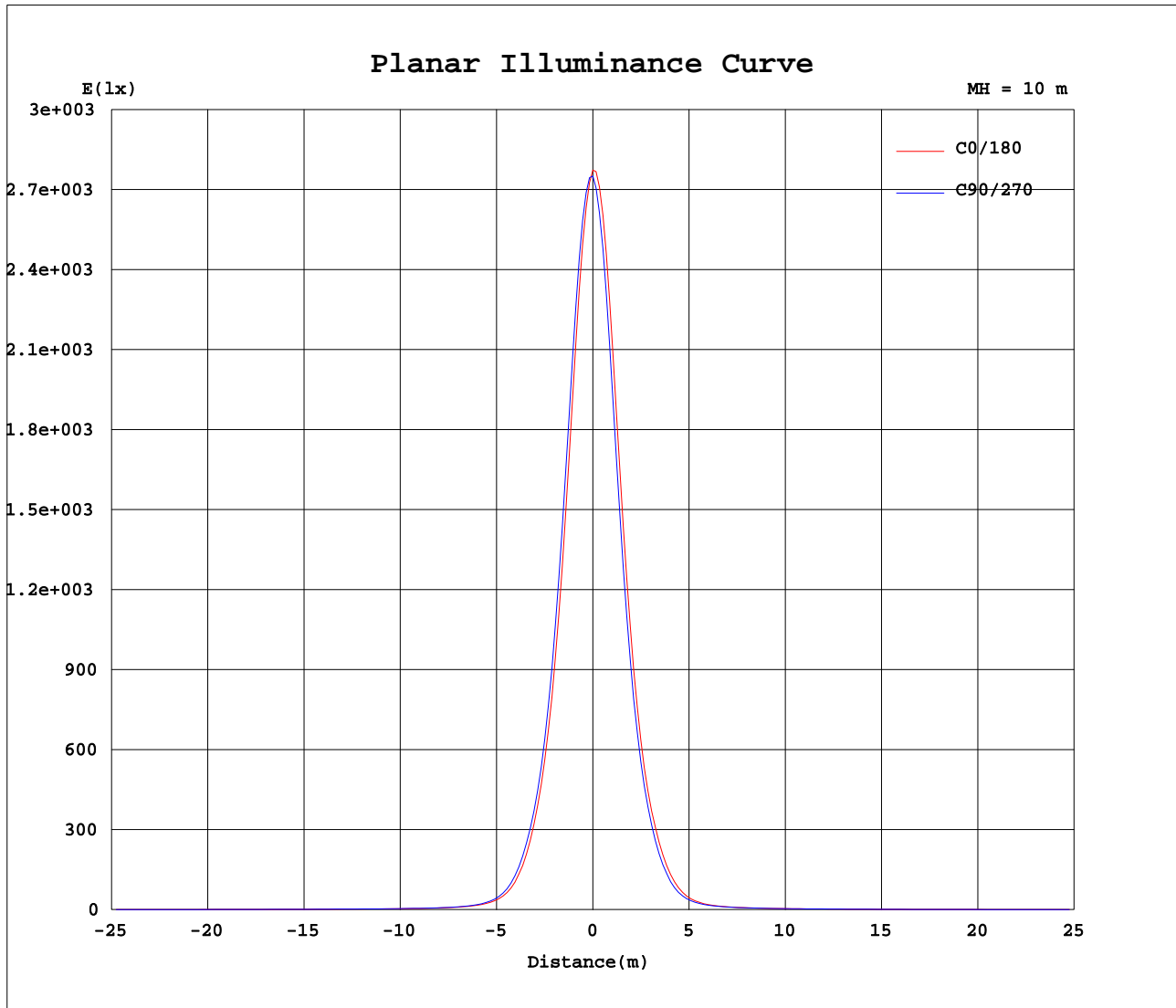
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2019.3.13

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: 2019.3.13

$\gamma$  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(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	2773	2771	2768	2767	2764	2762	2760	2757	2755	2751	2749	2745	2743	2739	2737	2733	2731	2727	2773
5	2152	2161	2169	2189	2200	2224	2235	2259	2272	2291	2301	2314	2318	2323	2319	2317	2303	2292	2307
10	1157	1168	1175	1195	1208	1230	1242	1266	1278	1299	1310	1326	1330	1336	1330	1330	1314	1301	1301
15	521	526	529	539	546	559	565	577	582	594	599	609	613	619	616	614	603	595	590
20	200	207	216	233	240	248	243	244	237	243	247	261	268	277	273	271	258	252	248
25	69.0	71.1	74.5	85.8	95.3	99.6	93.3	87.1	81.7	83.3	85.7	95.6	107	119	118	110	96.0	89.0	87.2
30	30.1	30.1	29.5	30.3	33.5	35.7	33.1	33.1	33.4	34.4	34.1	34.7	36.7	44.8	43.4	38.2	35.0	34.4	34.3
35	17.9	17.6	17.6	17.7	18.6	18.9	18.5	19.1	19.4	19.5	19.3	19.2	19.2	20.6	20.6	19.7	19.4	19.5	19.5
40	13.1	13.2	13.7	14.2	15.2	15.5	14.8	14.6	14.3	14.4	14.2	14.6	15.0	16.3	16.4	15.3	14.7	14.2	14.2
45	10.6	11.1	11.9	12.6	13.4	13.7	13.1	12.8	12.1	11.7	12.1	12.8	13.4	14.3	14.2	13.4	12.7	11.8	11.6
50	9.72	10.0	10.6	11.1	11.4	11.6	11.5	11.4	10.8	10.7	10.9	11.5	11.8	11.8	11.8	11.7	11.3	10.6	10.5
55	8.81	8.93	8.90	9.05	9.17	9.38	9.38	9.43	9.50	9.63	9.64	9.62	9.58	9.54	9.55	9.41	9.28	9.20	9.27
60	7.20	7.24	7.05	7.13	7.24	7.30	7.36	7.38	7.61	7.79	7.71	7.52	7.40	7.49	7.48	7.33	7.25	7.39	7.45
65	5.58	5.54	5.40	5.40	5.50	5.51	5.52	5.57	5.83	5.96	5.88	5.62	5.54	5.68	5.65	5.54	5.52	5.64	5.73
70	3.86	3.83	3.73	3.74	3.76	3.79	3.74	3.85	4.06	4.15	4.06	3.84	3.81	3.90	3.88	3.83	3.82	3.88	3.95
75	2.23	2.20	2.16	2.21	2.21	2.26	2.25	2.30	2.42	2.50	2.41	2.30	2.29	2.33	2.28	2.26	2.24	2.26	2.31
80	0.96	0.95	0.94	0.96	0.96	1.01	1.02	1.03	1.09	1.15	1.09	1.06	1.05	1.04	1.01	1.01	0.99	1.00	1.02
85	0.19	0.19	0.19	0.20	0.20	0.23	0.23	0.26	0.27	0.30	0.27	0.27	0.25	0.24	0.23	0.23	0.22	0.22	0.22
90	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
95	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
100	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
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: 2019.3.13

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	2771	2768	2767	2764	2762	2760	2757	2755	2751	2749	2745	2743	2739	2737	2733	2731	2727		
5	2291	2282	2258	2244	2219	2205	2179	2164	2139	2126	2108	2102	2088	2089	2083	2092	2095		
10	1286	1278	1258	1247	1223	1211	1187	1174	1152	1143	1129	1124	1113	1117	1111	1120	1121		
15	581	576	566	563	553	547	533	526	514	511	505	505	503	506	503	507	505		
20	245	250	250	254	246	239	221	212	203	206	209	220	221	224	215	208	197		
25	87.4	95.0	103	109	102	90.6	77.3	72.4	69.5	70.6	73.0	81.7	86.3	86.3	76.9	70.6	66.8		
30	33.8	33.8	35.5	40.1	35.4	31.7	30.5	30.6	30.2	29.8	28.8	29.0	31.3	30.7	28.3	28.6	29.0		
35	19.0	18.9	18.9	19.6	18.8	18.1	18.2	18.4	18.4	17.8	17.5	17.4	18.0	17.7	17.1	17.3	17.5		
40	14.1	14.6	15.3	16.1	15.5	14.5	14.2	13.9	13.8	13.5	13.8	14.2	15.0	14.8	13.9	13.6	13.0		
45	12.0	12.9	13.4	14.0	13.8	13.0	12.4	11.7	11.3	11.7	12.2	12.7	13.2	13.0	12.3	11.8	10.9		
50	10.8	11.4	11.6	11.6	11.5	11.5	11.2	10.7	10.5	10.6	11.0	11.2	11.1	11.1	10.7	10.4	9.77		
55	9.30	9.29	9.30	9.37	9.27	9.31	9.27	9.34	9.33	9.24	9.05	9.10	8.99	8.90	8.71	8.66	8.66		
60	7.41	7.26	7.25	7.36	7.27	7.21	7.29	7.52	7.55	7.43	7.12	7.14	7.03	7.04	6.87	6.87	7.03		
65	5.62	5.50	5.46	5.56	5.47	5.39	5.46	5.75	5.76	5.67	5.36	5.32	5.31	5.31	5.19	5.26	5.38		
70	3.86	3.80	3.75	3.80	3.74	3.71	3.69	3.94	3.95	3.90	3.67	3.62	3.62	3.64	3.56	3.64	3.70		
75	2.23	2.21	2.18	2.23	2.20	2.20	2.13	2.30	2.31	2.26	2.12	2.13	2.12	2.12	2.07	2.09	2.11		
80	0.97	0.97	0.95	0.97	0.95	0.98	0.94	1.01	1.02	0.98	0.92	0.92	0.89	0.89	0.88	0.90	0.89		
85	0.20	0.21	0.20	0.21	0.20	0.21	0.21	0.23	0.23	0.22	0.20	0.19	0.18	0.18	0.16	0.18	0.17		
90	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
95	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04		
100	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
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: 2019.3.13

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: