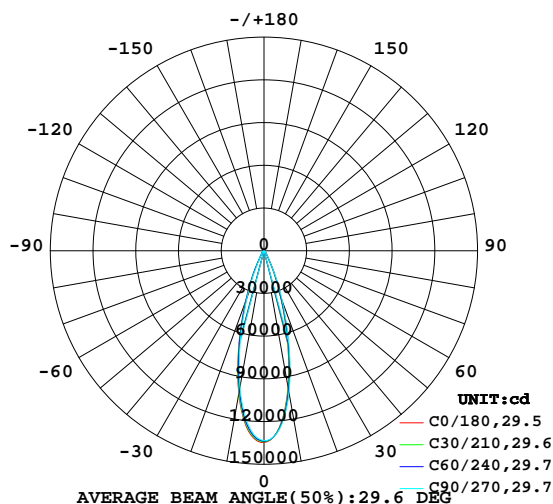


LUMINAIRE PHOTOMETRIC TEST REPORT

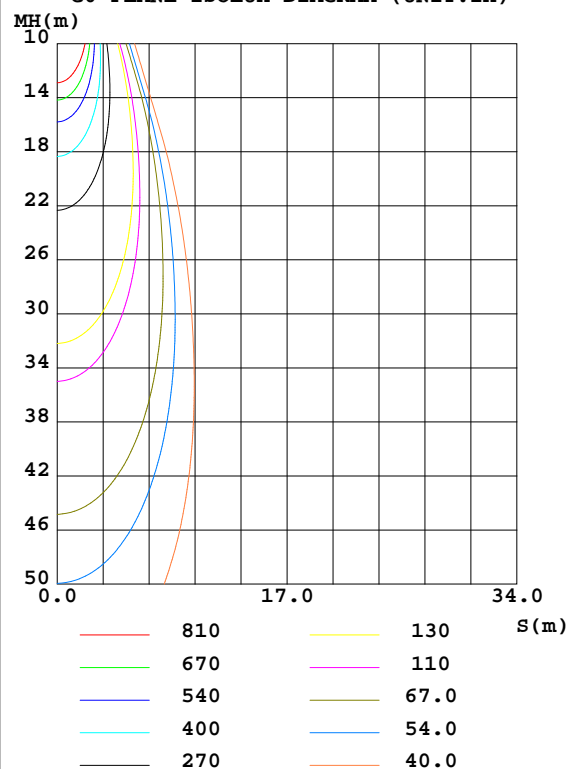
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ZGSM	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 151.76 lm/W			
MODEL	ZGSM-TGD280M 30°	Imax(cd)	134697	S/MH(C0/180)	0.50
NOMINAL POWER(W)	280	LOR(%)	100.0	S/MH(C90/270)	0.49
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	42494	η UP,DN(C0-180)	0.0,50.8
NOMINAL FLUX(lm)	42494	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220.1	η down(%)	100.0	CIBSE SHR MAX	0.50

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:2019.3.14

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	973.1	989.4	1012	1021	1021	1003	972.5	953.7	0- 10	11076	11076	26.1,26.1
20	335.3	351.8	379.2	387.4	381.8	367.8	345.2	329.4	10- 20	17789	28865	67.9,67.9
30	59.49	65.34	66.72	77.57	66.95	71.18	60.79	61.76	20- 30	7951	36816	86.6,86.6
40	22.81	26.46	24.69	28.95	25.82	28.31	24.03	25.97	30- 40	2402	39218	92.3,92.3
50	14.13	14.91	15.49	15.73	15.21	15.37	14.92	14.49	40- 50	1536	40754	95.9,95.9
60	7.403	7.629	8.099	7.873	7.676	7.624	7.691	7.338	50- 60	974.9	41729	98.2,98.2
70	3.318	3.383	3.709	3.496	3.464	3.352	3.461	3.218	60- 70	521.0	42250	99.4,99.4
80	0.8030	0.8461	1.007	0.9247	0.8968	0.8496	0.8816	0.7688	70- 80	209.2	42459	99.9,99.9
90	0.0224	0.0223	0.0224	0.0218	0.0256	0.0261	0.0269	0.0265	80- 90	31.41	42490	100,100
100	0.0376	0.0377	0.0378	0.0365	0.0438	0.0455	0.0471	0.0466	90-100	3.494	42494	100,100
110	0	0	0	0	0	0	0	0	100-110	0.2239	42494	100,100
120	0	0	0	0	0	0	0	0	110-120	0	42494	100,100
130	0	0	0	0	0	0	0	0	120-130	0	42494	100,100
140	0	0	0	0	0	0	0	0	130-140	0	42494	100,100
150	0	0	0	0	0	0	0	0	140-150	0	42494	100,100
160	0	0	0	0	0	0	0	0	150-160	0	42494	100,100
170	0	0	0	0	0	0	0	0	160-170	0	42494	100,100
180	0	0	0	0	0	0	0	0	170-180	0	42494	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

Conical surface Flux(90deg): 40055 lm

%lum = 94.3%

%lamp = 94.3%

Conical surface Flux(120deg): 41729 lm

%lum = 98.2%

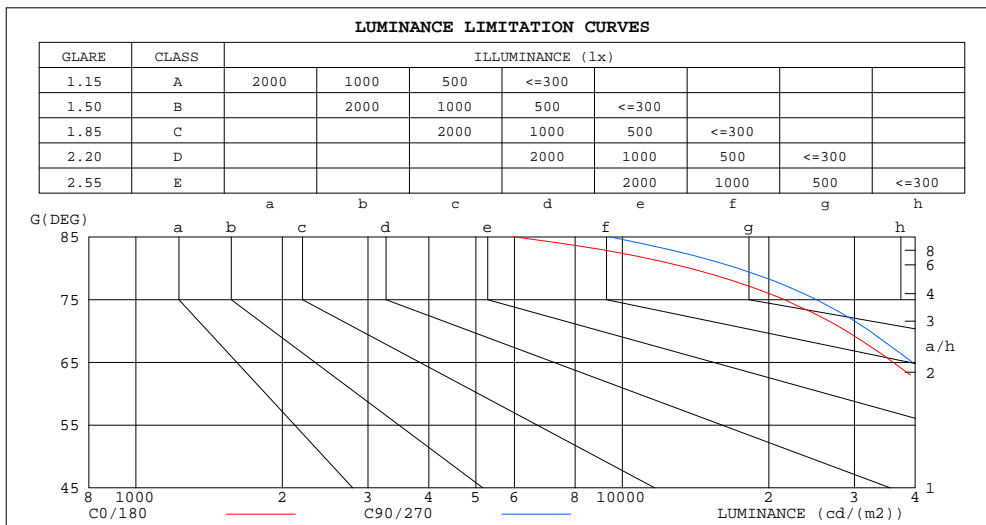
%lamp = 98.2%

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019.3.14

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	5993	9414
80	13763	17253
75	21544	25048
70	28876	32274
65	36051	39464
60	44066	48207
55	53877	59075
50	65440	71717
45	76458	83502

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019.3.14

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	.158 .090 .028	.151 .086 .027	.139 .080 .025	.127 .073 .024	.117 .068 .022	
2.0	.148 .081 .025	.143 .079 .024	.132 .074 .023	.123 .069 .022	.114 .064 .020	
3.0	.139 .074 .022	.134 .072 .022	.126 .068 .021	.117 .064 .020	.110 .061 .019	
4.0	.131 .068 .020	.127 .066 .020	.119 .063 .019	.112 .060 .018	.106 .057 .018	
5.0	.123 .063 .018	.120 .061 .018	.113 .059 .017	.107 .057 .017	.102 .054 .016	
6.0	.116 .058 .017	.113 .057 .016	.108 .055 .016	.103 .053 .016	.098 .051 .015	
7.0	.110 .055 .015	.108 .054 .015	.103 .052 .015	.098 .050 .015	.094 .049 .014	
8.0	.105 .051 .014	.103 .051 .014	.099 .049 .014	.095 .048 .014	.091 .047 .014	
9.0	.100 .049 .014	.098 .048 .013	.094 .047 .013	.091 .046 .013	.087 .044 .013	
10.0	.096 .046 .013	.094 .045 .013	.091 .044 .013	.087 .043 .012	.084 .042 .012	

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	.170 .158 .146	.145 .135 .126	.099 .093 .087	.057 .054 .051	.018 .017 .016	
2.0	.153 .133 .115	.131 .114 .100	.090 .079 .070	.052 .046 .041	.017 .015 .013	
3.0	.139 .113 .093	.119 .098 .081	.082 .068 .056	.047 .040 .033	.015 .013 .011	
4.0	.128 .098 .076	.110 .085 .066	.075 .059 .047	.044 .035 .028	.014 .011 .009	
5.0	.118 .086 .063	.101 .075 .055	.070 .052 .039	.040 .031 .023	.013 .010 .008	
6.0	.109 .077 .053	.094 .066 .046	.065 .046 .033	.038 .027 .019	.012 .009 .006	
7.0	.102 .069 .045	.088 .060 .040	.061 .042 .028	.035 .025 .017	.011 .008 .006	
8.0	.096 .062 .039	.082 .054 .034	.057 .038 .024	.033 .022 .014	.011 .007 .005	
9.0	.090 .057 .034	.078 .049 .030	.054 .035 .021	.031 .020 .013	.010 .007 .004	
10.0	.085 .052 .030	.074 .045 .026	.051 .032 .018	.030 .019 .011	.010 .006 .004	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019.3.14

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		7.6	8.3	7.8	8.5	8.7	8.0	8.8	8.2	8.9	9.1
3H		8.1	8.8	8.3	9.0	9.2	8.5	9.2	8.8	9.4	9.6
4H		8.2	8.9	8.5	9.1	9.3	8.7	9.4	8.9	9.6	9.8
6H		8.2	8.9	8.5	9.1	9.4	8.7	9.4	9.0	9.6	9.9
8H		8.2	8.8	8.5	9.1	9.3	8.7	9.3	9.0	9.6	9.8
12H		8.2	8.8	8.5	9.0	9.3	8.7	9.3	9.0	9.6	9.8
4H 2H		7.9	8.5	8.1	8.7	9.0	8.2	8.9	8.5	9.1	9.3
3H		8.5	9.1	8.8	9.3	9.6	8.9	9.5	9.2	9.7	10.0
4H		8.7	9.2	9.0	9.5	9.8	9.1	9.6	9.4	9.9	10.2
6H		8.7	9.2	9.1	9.5	9.9	9.2	9.6	9.5	10.0	10.3
8H		8.7	9.1	9.1	9.5	9.9	9.2	9.6	9.5	10.0	10.3
12H		8.6	9.1	9.1	9.4	9.8	9.1	9.5	9.5	9.9	10.3
8H 4H		8.7	9.1	9.0	9.5	9.8	9.1	9.5	9.4	9.9	10.2
6H		8.7	9.1	9.2	9.5	9.9	9.2	9.6	9.6	9.9	10.4
8H		8.7	9.1	9.2	9.5	9.9	9.2	9.5	9.6	9.9	10.4
12H		8.7	9.0	9.2	9.4	9.9	9.2	9.4	9.6	9.9	10.4
12H 4H		8.6	9.0	9.0	9.4	9.8	9.0	9.4	9.4	9.8	10.2
6H		8.7	9.0	9.2	9.5	9.9	9.1	9.5	9.6	9.9	10.3
8H		8.7	9.0	9.2	9.4	9.9	9.1	9.4	9.6	9.9	10.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.9					+ 0.7 / - 0.8				
1.5H		+ 0.3 / - 0.4					+ 0.4 / - 0.4				
2.0H		+ 1.3 / - 1.2					+ 1.3 / - 1.2				

CIE Pub.117, 42494 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:2019.3.14

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:

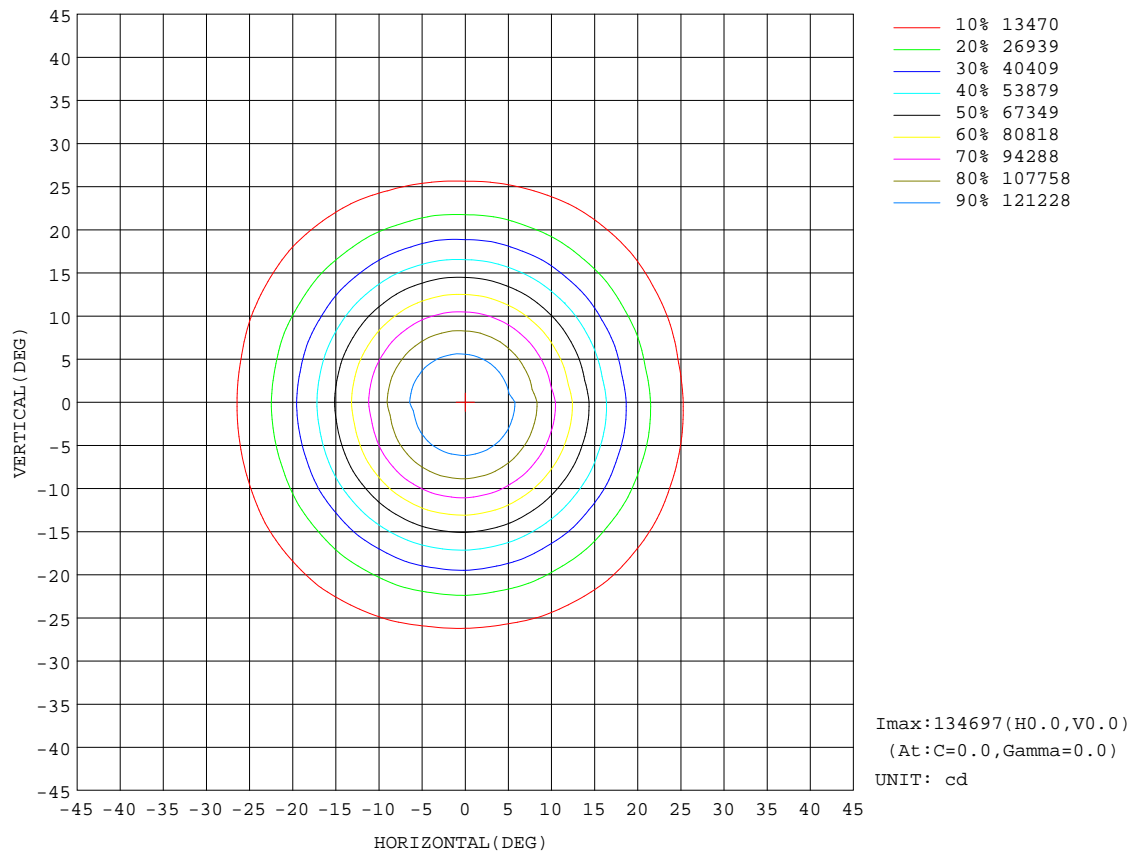
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	73
0.80	94	88	84	93	88	84	92	87	84	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	93	100	96	93	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	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										

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019.3.14

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:

ISOCANDELA DIAGRAM

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

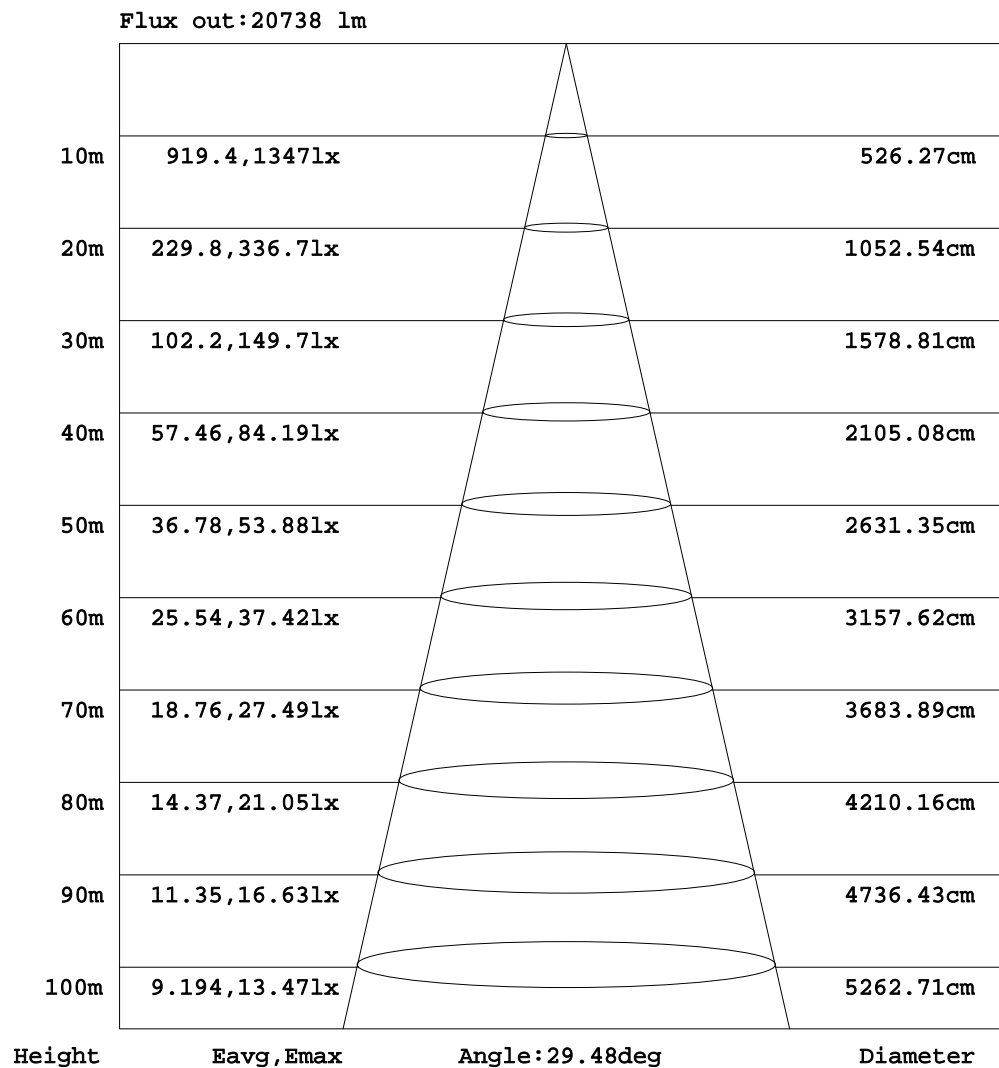


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019.3.14

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:

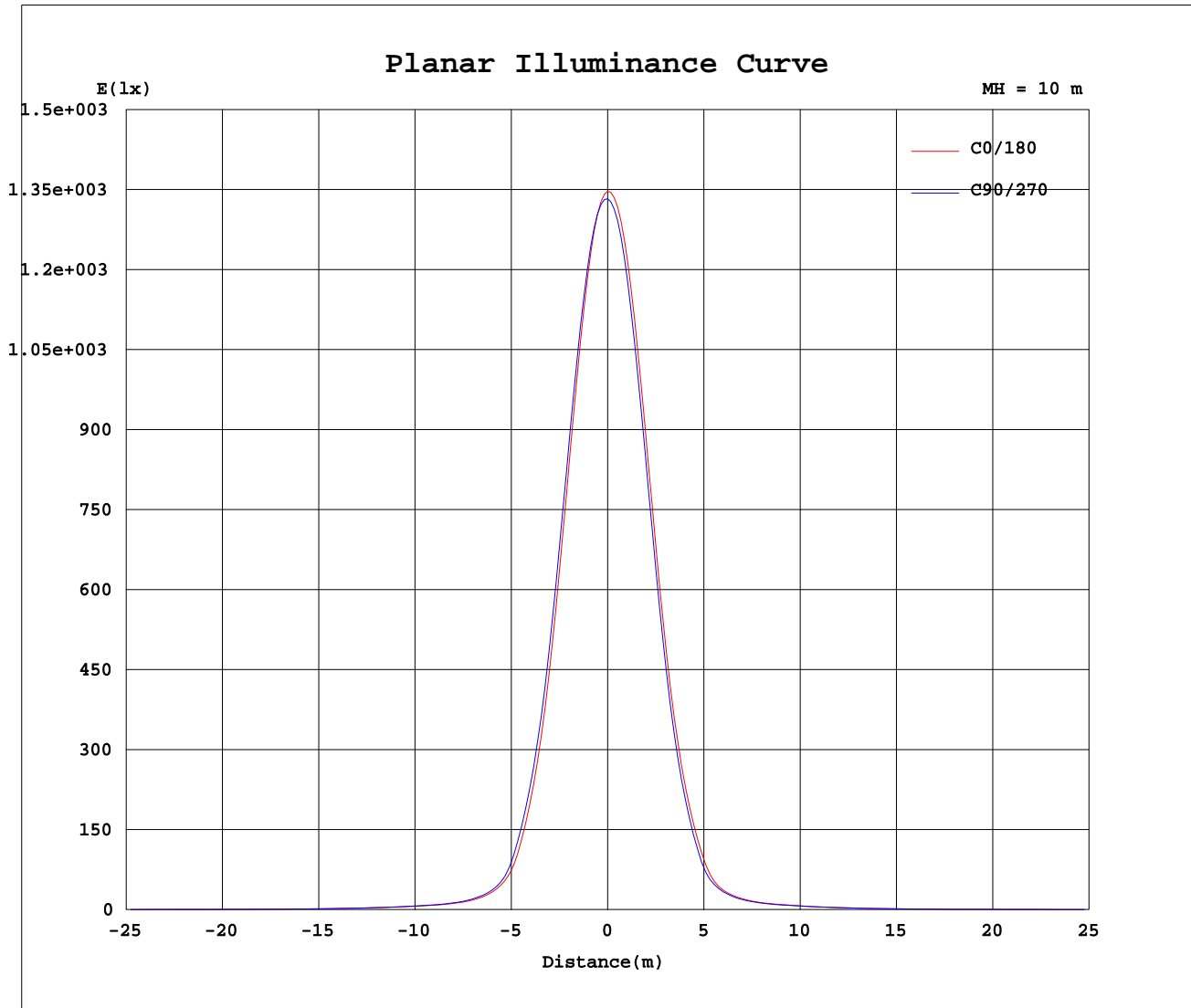


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019.3.14

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: 2019.3.14

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--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	1347	1345	1344	1342	1341	1339	1338	1336	1335	1333	1332	1331	1329	1328	1327	1326	1325	1324	1347
5	1245	1246	1246	1248	1249	1252	1253	1255	1255	1257	1257	1259	1258	1259	1257	1257	1253	1251	1269
10	973	976	977	983	986	993	996	1003	1005	1012	1014	1018	1019	1022	1019	1019	1013	1010	1021
15	630	633	635	641	645	654	659	668	672	680	682	689	689	692	689	689	682	679	683
20	335	340	339	347	347	356	358	369	369	379	378	388	385	391	384	388	379	380	382
25	142	146	150	157	162	166	168	170	170	173	176	183	183	188	185	186	183	180	179
30	59.5	59.9	59.7	62.0	64.1	66.6	65.5	65.7	65.3	66.7	66.9	69.7	73.4	78.0	77.1	74.8	68.9	67.0	67.0
35	33.2	33.2	33.3	34.5	35.8	36.6	36.3	36.0	35.8	36.5	36.4	37.3	38.5	40.4	39.7	38.8	37.1	36.6	37.0
40	22.8	22.8	23.3	24.6	26.2	26.7	25.9	25.0	24.4	24.7	24.7	25.8	27.3	28.9	29.0	27.9	26.3	25.4	25.8
45	18.2	18.4	18.8	19.4	19.7	20.1	20.1	20.0	19.7	19.8	20.0	20.7	21.1	21.4	21.2	21.1	20.5	20.1	20.3
50	14.1	14.0	14.2	14.5	14.8	15.1	15.1	15.2	15.1	15.5	15.3	15.8	15.8	15.9	15.6	15.5	15.2	14.9	15.2
55	10.4	10.2	10.2	10.5	10.7	11.0	11.0	11.0	11.0	11.4	11.2	11.3	11.4	11.4	11.2	11.1	10.7	10.7	10.9
60	7.40	7.27	7.26	7.46	7.58	7.67	7.80	7.77	7.83	8.10	7.90	7.96	7.97	7.92	7.83	7.72	7.50	7.48	7.68
65	5.12	4.98	4.96	5.10	5.19	5.24	5.33	5.34	5.39	5.60	5.42	5.44	5.41	5.42	5.35	5.27	5.11	5.12	5.28
70	3.32	3.22	3.19	3.29	3.36	3.40	3.42	3.48	3.51	3.71	3.54	3.55	3.49	3.52	3.47	3.42	3.32	3.34	3.46
75	1.87	1.83	1.81	1.87	1.91	1.95	1.98	2.02	2.05	2.18	2.08	2.09	2.05	2.05	2.00	1.98	1.92	1.94	1.99
80	0.80	0.79	0.78	0.82	0.83	0.86	0.88	0.92	0.94	1.01	0.96	0.97	0.94	0.94	0.91	0.90	0.87	0.88	0.90
85	0.18	0.18	0.17	0.19	0.19	0.21	0.21	0.24	0.25	0.28	0.26	0.26	0.25	0.25	0.23	0.23	0.22	0.23	0.23
90	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	0.02	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	0.03
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	0.04
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:2019.3.14

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	1345	1344	1342	1341	1339	1338	1336	1335	1333	1332	1331	1329	1328	1327	1326	1325	1324		
5	1266	1264	1260	1257	1252	1249	1243	1241	1235	1233	1229	1227	1224	1223	1221	1221	1220		
10	1017	1016	1010	1006	999	994	985	981	972	969	963	960	954	953	949	951	950		
15	679	678	672	670	663	660	651	647	637	634	626	623	617	616	612	614	611		
20	375	378	370	372	364	365	354	354	345	345	337	336	329	330	324	327	324		
25	178	180	178	178	174	171	164	159	154	154	153	155	152	150	145	143	138		
30	66.1	68.3	70.6	72.6	69.8	66.3	62.3	61.9	60.8	61.1	60.6	62.4	62.2	61.3	58.2	57.7	57.1		
35	36.6	37.0	38.0	38.7	37.9	36.5	35.0	34.7	34.5	34.4	34.6	35.5	35.6	34.9	33.2	32.4	32.0		
40	25.7	26.6	27.9	28.6	28.0	26.6	25.0	24.1	24.0	24.0	24.7	25.8	26.3	25.7	24.0	22.8	22.1		
45	20.2	20.6	20.7	20.9	20.7	20.6	20.0	19.6	19.4	19.4	19.5	19.7	19.5	19.3	18.9	18.4	17.8		
50	15.0	15.2	15.2	15.4	15.4	15.4	15.1	14.8	14.9	14.6	14.7	14.7	14.6	14.4	14.1	13.9	13.6		
55	10.6	10.7	10.8	11.0	11.0	11.0	10.8	10.7	10.9	10.6	10.5	10.6	10.5	10.4	10.2	10.0	9.91		
60	7.45	7.47	7.54	7.67	7.58	7.71	7.54	7.58	7.69	7.49	7.40	7.47	7.34	7.34	7.20	7.09	7.05		
65	5.07	5.08	5.12	5.21	5.14	5.22	5.12	5.19	5.29	5.13	5.07	5.08	5.02	5.02	4.91	4.85	4.84		
70	3.29	3.29	3.29	3.38	3.32	3.34	3.31	3.37	3.46	3.33	3.26	3.24	3.22	3.22	3.14	3.12	3.11		
75	1.91	1.89	1.89	1.92	1.91	1.94	1.92	1.95	1.99	1.91	1.87	1.85	1.82	1.80	1.76	1.75	1.75		
80	0.85	0.85	0.84	0.86	0.84	0.87	0.85	0.87	0.88	0.85	0.81	0.80	0.77	0.77	0.74	0.75	0.75		
85	0.21	0.21	0.20	0.21	0.20	0.21	0.21	0.22	0.22	0.21	0.19	0.18	0.16	0.16	0.15	0.16	0.16		
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	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03		
100	0.04	0.04	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	0.04		
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
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γ Range: 0 - 100DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.300m [K=1.0000]
Remarks: