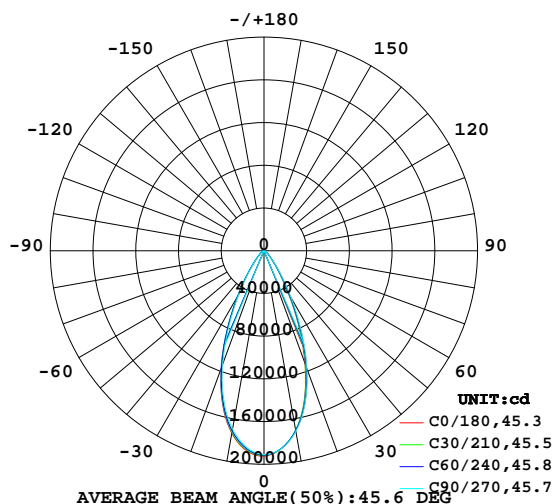


LUMINAIRE PHOTOMETRIC TEST REPORT

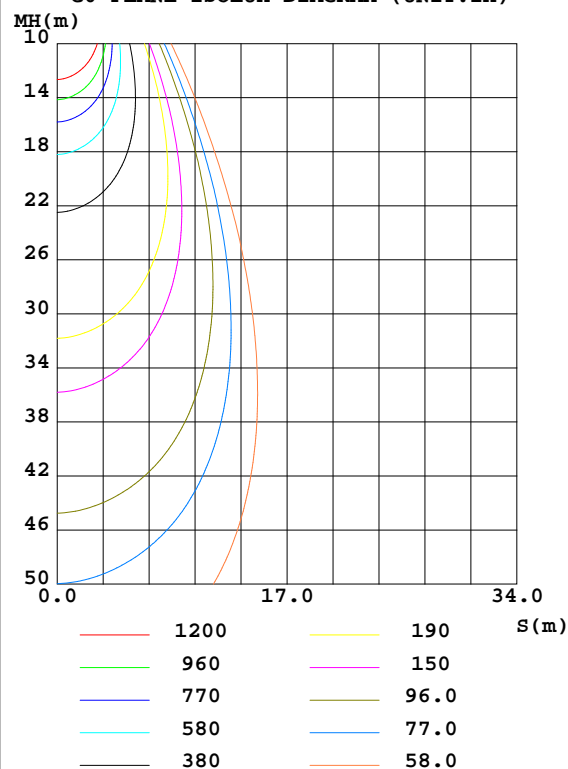
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ZGSM	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 148.34 lm/W
MODEL	ZGSM-TGD840M 45°	Imax(cd)	192258	S/MH(C0/180)	0.72	
NOMINAL POWER(W)	840	LOR(%)	100.0	S/MH(C90/270)	0.71	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	124337	η UP,DN(C0-180)	0.0,50.6	
NOMINAL FLUX(lm)	124338	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.4	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	220.1	η down(%)	100.0	CIBSE SHR MAX	0.75	

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	1707	1709	1719	1724	1735	1718	1697	1682	0- 10	17256	17256	13.9,13.9
20	1124	1155	1176	1185	1177	1166	1132	1114	10- 20	40443	57699	46.4,46.4
30	452.0	480.3	509.6	511.6	499.4	493.2	471.8	447.8	20- 30	36274	93972	75.6,75.6
40	131.6	145.4	154.0	157.1	149.3	150.8	141.6	135.1	30- 40	17343	111316	89.5,89.5
50	48.49	55.20	55.06	57.66	52.31	56.22	52.45	52.31	40- 50	6831	118147	95,95
60	24.94	26.93	27.73	27.73	26.33	27.22	26.60	25.77	50- 60	3413	121560	97.8,97.8
70	11.61	12.30	13.15	12.79	12.35	12.51	12.47	11.72	60- 70	1875	123435	99.3,99.3
80	2.823	3.105	3.633	3.420	3.232	3.238	3.270	2.842	70- 80	773.7	124208	99.9,99.9
90	0.0771	0.0775	0.0784	0.0755	0.0882	0.0907	0.0925	0.0910	80- 90	115.7	124324	100,100
100	0.1251	0.1278	0.1283	0.1228	0.1448	0.1521	0.1574	0.1551	90-100	12.07	124336	100,100
110	0	0	0	0	0	0	0	0	100-110	0.7488	124337	100,100
120	0	0	0	0	0	0	0	0	110-120	0	124337	100,100
130	0	0	0	0	0	0	0	0	120-130	0	124337	100,100
140	0	0	0	0	0	0	0	0	130-140	0	124337	100,100
150	0	0	0	0	0	0	0	0	140-150	0	124337	100,100
160	0	0	0	0	0	0	0	0	150-160	0	124337	100,100
170	0	0	0	0	0	0	0	0	160-170	0	124337	100,100
180	0	0	0	0	0	0	0	0	170-180	0	124337	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

Conical surface Flux(90deg): 1.1543e+005 lm

%lum = 92.8%

%lamp = 92.8%

Conical surface Flux(120deg): 1.2156e+005 lm

%lum = 97.8%

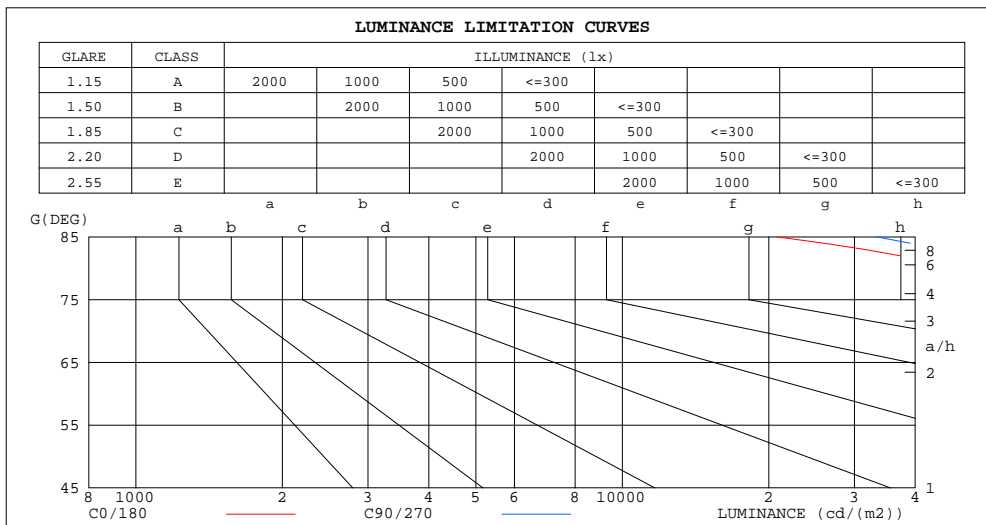
%lamp = 97.8%

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	20753	33289
80	48381	62263
75	75602	89977
70	100999	114471
65	124260	138378
60	148459	165039
55	178488	199666
50	224517	254957
45	315526	367281

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	.179 .102 .032	.172 .098 .031	.160 .092 .029	.148 .085 .027	.137 .080 .026	
2.0	.171 .094 .029	.165 .091 .028	.154 .086 .027	.145 .081 .025	.136 .077 .024	
3.0	.162 .086 .026	.157 .084 .025	.148 .080 .024	.139 .076 .023	.132 .073 .023	
4.0	.153 .079 .023	.149 .078 .023	.141 .075 .022	.134 .072 .022	.127 .069 .021	
5.0	.145 .074 .021	.141 .073 .021	.135 .070 .021	.128 .068 .020	.122 .065 .020	
6.0	.138 .069 .020	.135 .068 .020	.129 .066 .019	.123 .064 .019	.118 .062 .018	
7.0	.131 .065 .018	.128 .064 .018	.123 .062 .018	.118 .061 .018	.114 .059 .017	
8.0	.125 .061 .017	.123 .060 .017	.118 .059 .017	.114 .058 .017	.109 .056 .016	
9.0	.120 .058 .016	.117 .057 .016	.113 .056 .016	.109 .055 .016	.106 .054 .015	
10.0	.115 .055 .015	.113 .054 .015	.109 .053 .015	.105 .052 .015	.102 .051 .015	

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	.171 .157 .145	.147 .135 .125	.100 .093 .086	.058 .054 .050	.018 .017 .016	
2.0	.156 .133 .113	.134 .114 .097	.092 .079 .068	.053 .046 .040	.017 .015 .013	
3.0	.144 .114 .090	.123 .098 .078	.085 .068 .055	.049 .040 .032	.016 .013 .011	
4.0	.133 .099 .073	.114 .085 .063	.079 .060 .044	.045 .035 .026	.015 .011 .009	
5.0	.124 .087 .060	.107 .076 .052	.074 .053 .037	.043 .031 .022	.014 .010 .007	
6.0	.117 .078 .050	.100 .067 .044	.069 .047 .031	.040 .028 .018	.013 .009 .006	
7.0	.110 .070 .043	.095 .061 .037	.065 .043 .026	.038 .025 .016	.012 .008 .005	
8.0	.104 .064 .036	.090 .056 .032	.062 .039 .023	.036 .023 .013	.012 .008 .004	
9.0	.099 .059 .032	.085 .051 .028	.059 .036 .020	.034 .021 .012	.011 .007 .004	
10.0	.094 .054 .028	.081 .047 .024	.056 .033 .017	.033 .020 .010	.011 .006 .003	

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		10.8	11.8	11.1	11.9	12.1	11.4	12.3	11.6	12.5	12.7
	3H	11.1	11.9	11.3	12.1	12.3	11.7	12.5	11.9	12.7	12.9
	4H	11.1	11.9	11.4	12.2	12.4	11.7	12.5	12.0	12.7	13.0
	6H	11.1	11.9	11.4	12.1	12.4	11.7	12.5	12.0	12.7	13.0
	8H	11.1	11.8	11.4	12.1	12.3	11.7	12.4	12.0	12.7	12.9
	12H	11.0	11.7	11.4	12.0	12.3	11.7	12.4	12.0	12.6	12.9
4H	2H	10.9	11.7	11.2	11.9	12.1	11.4	12.2	11.7	12.4	12.7
	3H	11.2	11.9	11.5	12.2	12.5	11.8	12.5	12.1	12.7	13.0
	4H	11.3	12.0	11.7	12.3	12.6	11.9	12.5	12.2	12.8	13.1
	6H	11.3	11.9	11.7	12.2	12.6	11.9	12.5	12.3	12.8	13.1
	8H	11.3	11.8	11.7	12.2	12.6	11.9	12.4	12.3	12.8	13.1
	12H	11.3	11.7	11.7	12.1	12.5	11.9	12.3	12.3	12.7	13.1
8H	4H	11.3	11.8	11.7	12.2	12.5	11.8	12.3	12.2	12.7	13.1
	6H	11.3	11.8	11.8	12.2	12.6	11.9	12.3	12.3	12.7	13.1
	8H	11.3	11.7	11.8	12.1	12.6	11.9	12.3	12.3	12.7	13.1
	12H	11.3	11.6	11.7	12.0	12.5	11.8	12.2	12.3	12.6	13.1
12H	4H	11.3	11.7	11.7	12.1	12.5	11.8	12.3	12.2	12.6	13.0
	6H	11.3	11.7	11.7	12.1	12.5	11.8	12.2	12.3	12.6	13.1
	8H	11.3	11.6	11.7	12.0	12.5	11.8	12.2	12.3	12.6	13.1
Variations with the observer position at spacings:											
S = 1.0H		+ 1.5 / - 2.0					+ 1.7 / - 2.1				
1.5H		+ 2.6 / - 1.6					+ 3.0 / - 1.6				
2.0H		+ 1.9 / - 1.3					+ 2.2 / - 1.4				

CIE Pub.117, 124338 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 16.8$)

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:

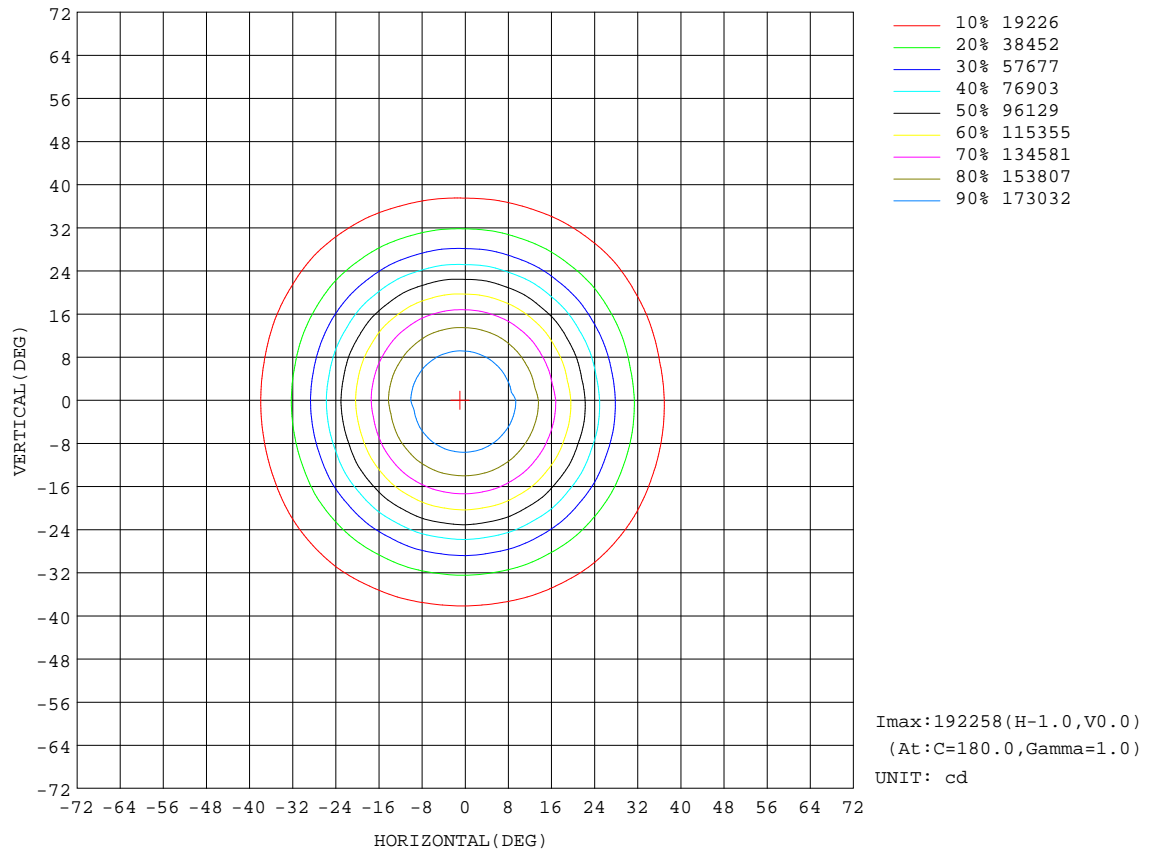
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	84	78	74	70
0.80	93	86	82	92	86	82	91	85	82	78
1.00	97	91	88	97	91	87	95	91	87	83
1.25	102	96	92	101	96	92	99	94	91	87
1.50	105	100	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	108	105	109	106	103	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	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:2019.3.13

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:

ISOCANDELA DIAGRAM

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

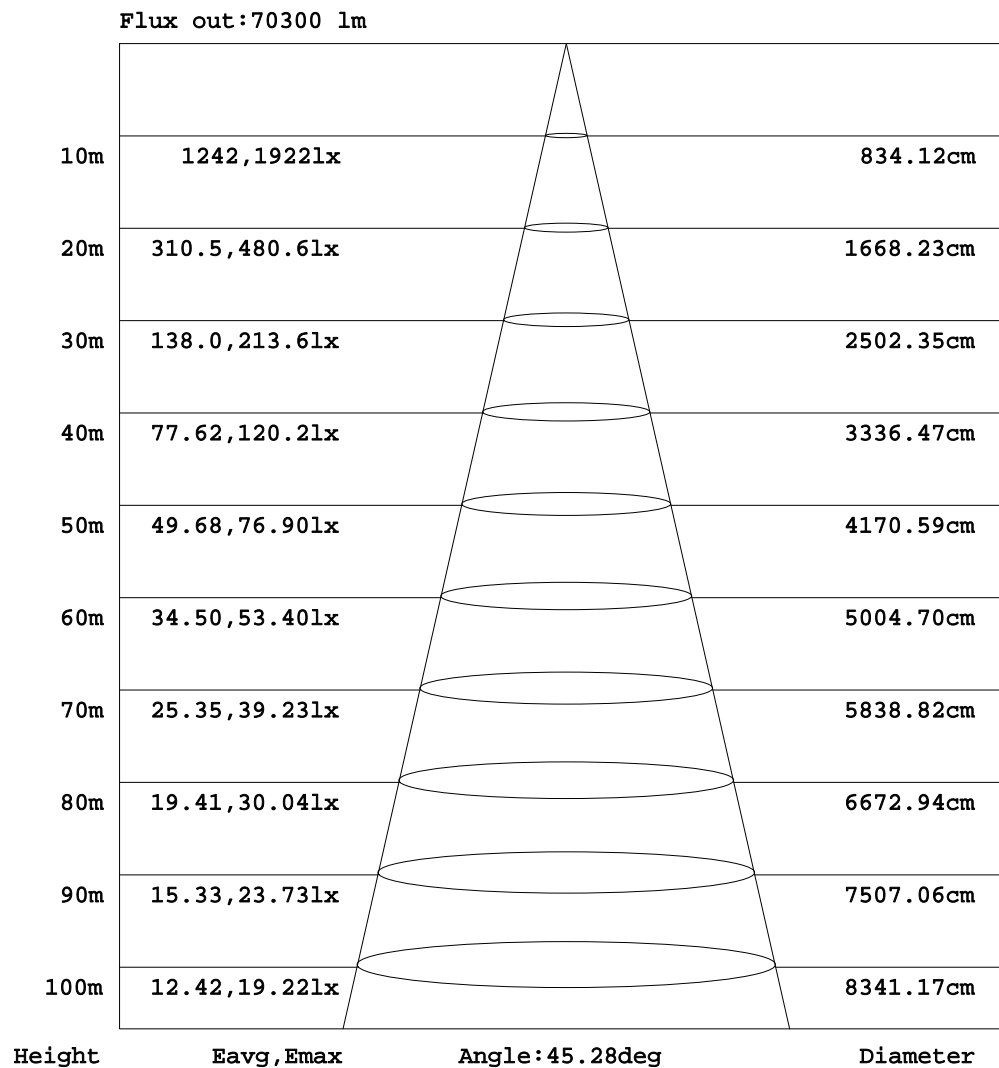


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019.3.13

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:

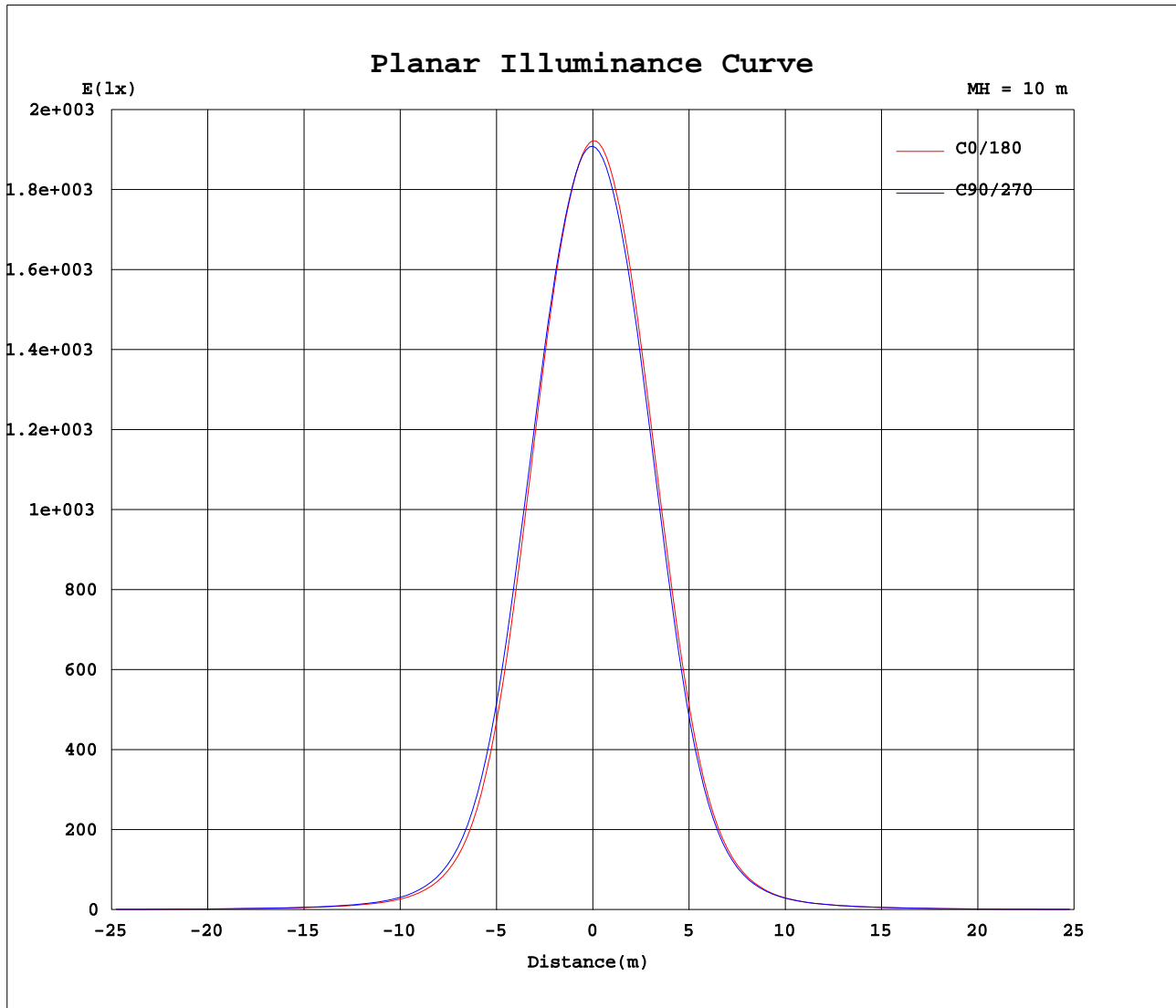


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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	1922	1921	1919	1918	1916	1914	1913	1911	1910	1909	1907	1906	1904	1904	1902	1901	1900	1899	1922
5	1860	1860	1859	1859	1859	1859	1859	1861	1861	1862	1862	1863	1862	1863	1862	1862	1860	1859	1879
10	1707	1707	1707	1707	1707	1710	1712	1715	1716	1719	1719	1722	1722	1724	1723	1723	1720	1718	1735
15	1457	1461	1462	1466	1468	1475	1477	1482	1483	1486	1488	1494	1495	1497	1493	1492	1488	1485	1496
20	1124	1132	1131	1145	1148	1161	1161	1171	1169	1176	1177	1185	1184	1188	1183	1181	1172	1170	1177
25	763	772	770	786	788	805	806	819	817	828	826	838	831	838	827	831	818	820	822
30	452	458	460	471	474	486	490	501	504	510	511	516	512	514	509	510	502	500	499
35	244	248	249	258	262	270	272	278	280	283	284	288	286	288	285	284	277	276	276
40	132	134	136	141	143	148	149	151	152	154	155	157	157	158	156	155	151	149	149
45	75.0	77.1	79.2	83.2	84.8	86.6	86.6	87.1	86.9	87.3	88.9	91.0	91.2	91.8	90.5	89.9	86.5	84.4	83.6
50	48.5	49.4	51.1	53.3	54.7	55.7	56.5	55.6	55.1	55.1	56.0	57.7	58.2	58.1	57.2	56.5	54.5	52.5	52.3
55	34.4	34.9	35.6	37.0	37.5	38.4	38.6	38.5	38.2	38.5	38.6	39.3	39.8	39.6	39.0	38.6	37.3	36.6	36.6
60	24.9	25.3	25.7	26.5	26.7	27.2	27.4	27.6	27.5	27.7	27.7	27.9	27.9	27.9	27.6	27.5	26.7	26.3	26.3
65	17.6	17.9	18.1	18.5	18.6	18.9	18.9	19.4	19.4	19.6	19.6	19.6	19.4	19.5	19.2	19.3	18.8	18.6	18.6
70	11.6	11.8	11.9	12.1	12.2	12.4	12.4	12.8	13.0	13.2	13.1	13.0	12.8	12.8	12.7	12.7	12.5	12.3	12.4
75	6.57	6.67	6.73	6.94	6.97	7.20	7.28	7.50	7.63	7.82	7.74	7.68	7.55	7.55	7.43	7.47	7.21	7.16	7.15
80	2.82	2.88	2.90	3.02	3.03	3.18	3.26	3.40	3.50	3.63	3.57	3.56	3.48	3.47	3.38	3.40	3.27	3.25	3.23
85	0.61	0.63	0.63	0.66	0.67	0.74	0.77	0.86	0.91	0.97	0.95	0.95	0.89	0.89	0.85	0.86	0.82	0.82	0.81
90	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.09
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.11
100	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	0.12	0.12	0.12	0.12	0.12	0.14
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	1921	1919	1918	1916	1914	1913	1911	1910	1909	1907	1906	1904	1904	1902	1901	1900	1899		
5	1877	1874	1871	1868	1863	1861	1856	1853	1849	1846	1843	1841	1839	1838	1836	1836	1835		
10	1732	1729	1724	1721	1715	1713	1707	1703	1697	1693	1689	1686	1683	1682	1679	1681	1681		
15	1493	1491	1485	1484	1479	1476	1467	1461	1452	1450	1445	1444	1440	1438	1432	1434	1433		
20	1171	1173	1168	1170	1162	1161	1149	1144	1132	1131	1123	1123	1113	1114	1104	1109	1102		
25	814	819	811	816	806	809	795	794	779	780	767	768	755	756	745	749	745		
30	495	498	495	497	490	491	483	482	472	470	460	457	448	448	442	443	439		
35	273	275	274	278	274	273	268	267	260	259	253	252	247	246	240	239	237		
40	148	150	150	152	150	150	146	145	142	142	139	139	136	134	131	131	127		
45	84.4	86.4	88.1	88.6	87.5	87.0	84.4	83.3	81.2	82.2	82.2	82.2	81.0	80.2	78.2	76.0	73.9		
50	53.0	54.6	56.5	56.4	56.0	55.6	54.3	53.1	52.4	52.5	53.2	53.5	52.8	51.8	50.5	49.2	47.6		
55	36.7	37.5	38.2	38.6	38.6	38.5	37.5	37.2	36.8	36.8	36.7	37.2	36.5	36.0	35.3	34.5	33.8		
60	26.4	26.8	27.1	27.3	27.2	27.2	26.9	26.8	26.6	26.5	26.3	26.3	25.9	25.7	25.4	24.9	24.5		
65	18.6	18.9	18.9	19.1	18.9	18.9	18.9	18.9	18.8	18.7	18.4	18.2	18.0	17.9	17.7	17.6	17.3		
70	12.3	12.5	12.4	12.6	12.4	12.4	12.4	12.5	12.5	12.4	12.1	12.0	11.7	11.7	11.6	11.5	11.3		
75	7.08	7.19	7.17	7.23	7.17	7.27	7.20	7.34	7.28	7.22	6.93	6.88	6.67	6.64	6.52	6.48	6.37		
80	3.18	3.24	3.20	3.29	3.19	3.27	3.22	3.30	3.27	3.21	3.05	2.99	2.85	2.84	2.77	2.76	2.71		
85	0.78	0.80	0.76	0.78	0.76	0.79	0.78	0.81	0.79	0.77	0.69	0.65	0.60	0.59	0.56	0.59	0.57		
90	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09		
95	0.11	0.11	0.11	0.15	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11		
100	0.14	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15		
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		

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