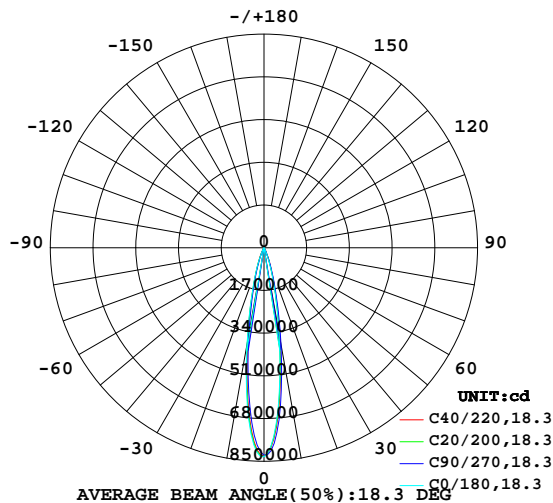


LUMINAIRE PHOTOMETRIC TEST REPORT

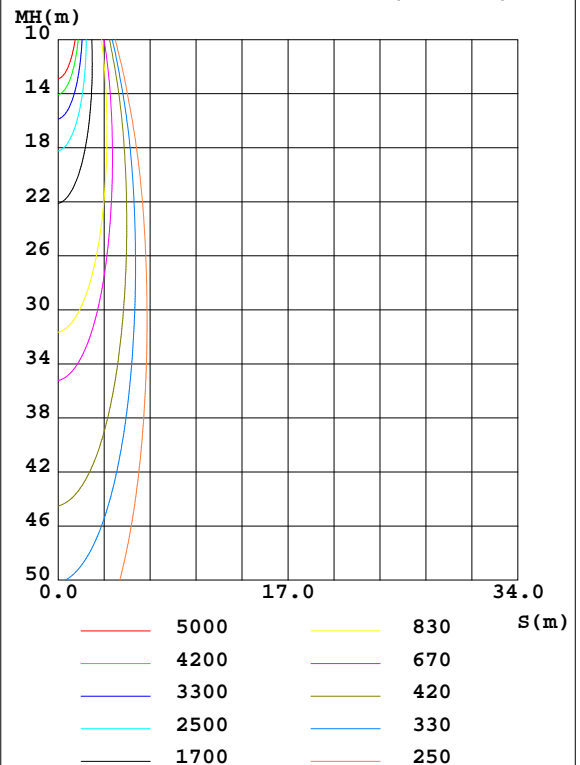
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ZGSM	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 150.23 lm/W
MODEL	ZGSM-TGD840M 15°	Imax(cd)	831991	S/MH(C0/180)	0.33	
NOMINAL POWER(W)	840	LOR(%)	100.0	S/MH(C90/270)	0.30	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	126570	η UP,DN(C0-180)	0.0,51.5	
NOMINAL FLUX(lm)	126570	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	3472	3656	3898	3999	3902	3705	3457	3345	0- 10	53353	53353	42.2,42.2
20	600.2	732.3	728.6	825.1	744.8	750.3	608.4	667.8	10- 20	48006	101358	80.1,80.1
30	90.30	103.8	103.1	132.2	103.0	113.2	90.57	93.00	20- 30	13585	114944	90.8,90.8
40	39.31	45.99	43.06	49.00	42.53	47.47	41.36	44.64	30- 40	3753	118696	93.8,93.8
50	29.17	34.55	32.03	35.45	31.62	34.69	31.40	33.31	40- 50	2920	121617	96.1,96.1
60	21.59	21.82	23.36	22.46	22.34	21.94	22.66	21.11	50- 60	2470	124087	98,98
70	11.59	11.33	12.44	11.67	11.84	11.30	11.86	10.89	60- 70	1644	125731	99.3,99.3
80	2.885	2.961	3.451	3.086	3.048	2.881	3.068	2.677	70- 80	723.1	126454	99.9,99.9
90	0.0760	0.0744	0.0747	0.0710	0.0871	0.0857	0.0878	0.0855	80- 90	103.7	126558	100,100
100	0.1180	0.1164	0.1161	0.1114	0.1367	0.1378	0.1424	0.1397	90-100	11.09	126569	100,100
110	0	0	0	0	0	0	0	0	100-110	0.6834	126570	100,100
120	0	0	0	0	0	0	0	0	110-120	0	126570	100,100
130	0	0	0	0	0	0	0	0	120-130	0	126570	100,100
140	0	0	0	0	0	0	0	0	130-140	0	126570	100,100
150	0	0	0	0	0	0	0	0	140-150	0	126570	100,100
160	0	0	0	0	0	0	0	0	150-160	0	126570	100,100
170	0	0	0	0	0	0	0	0	160-170	0	126570	100,100
180	0	0	0	0	0	0	0	0	170-180	0	126570	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

Conical surface Flux(90deg): 1.2019e+005 lm

%lum = 95.0%

%lamp = 95.0%

Conical surface Flux(120deg): 1.2409e+005 lm

%lum = 98.0%

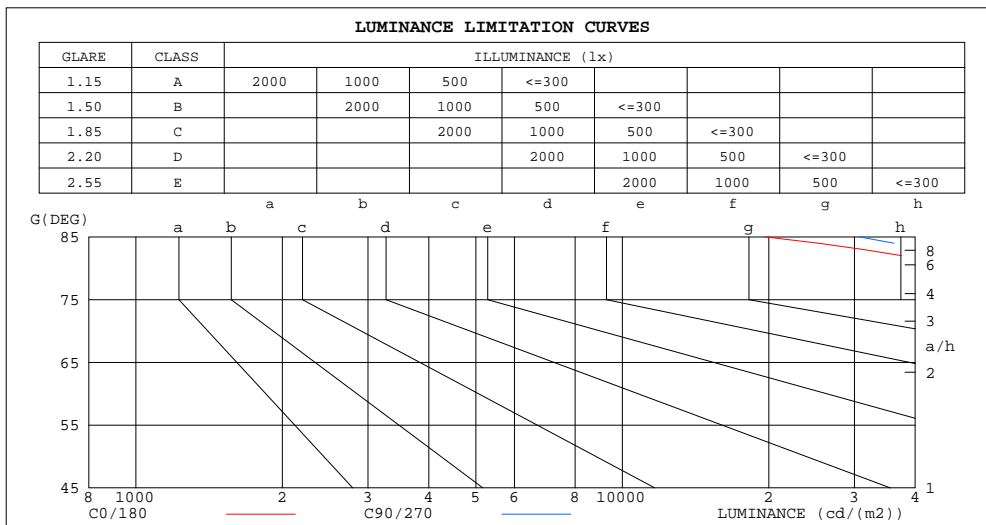
%lamp = 98.0%

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	19610	30705
80	49445	59145
75	76996	86125
70	100816	108237
65	117958	125956
60	128490	139056
55	137161	149928
50	135077	148300
45	134448	148171

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, 126570 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:

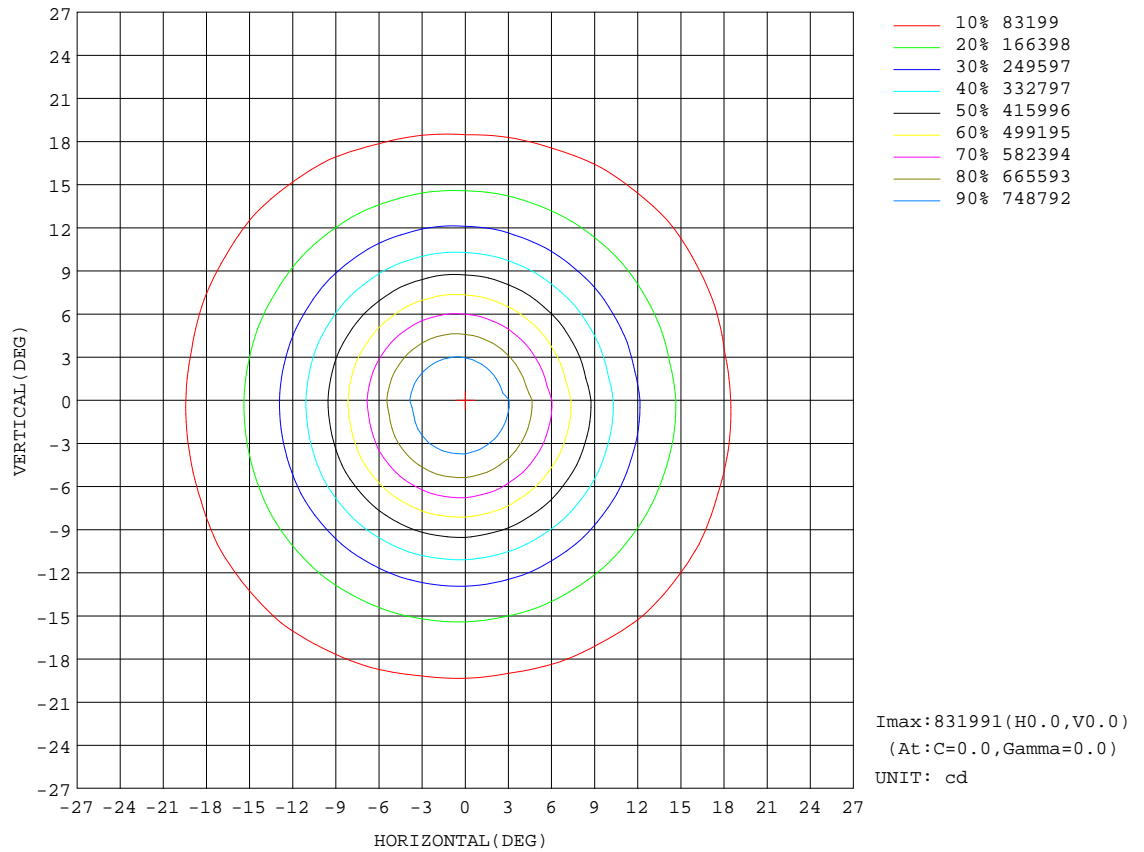
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
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

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:

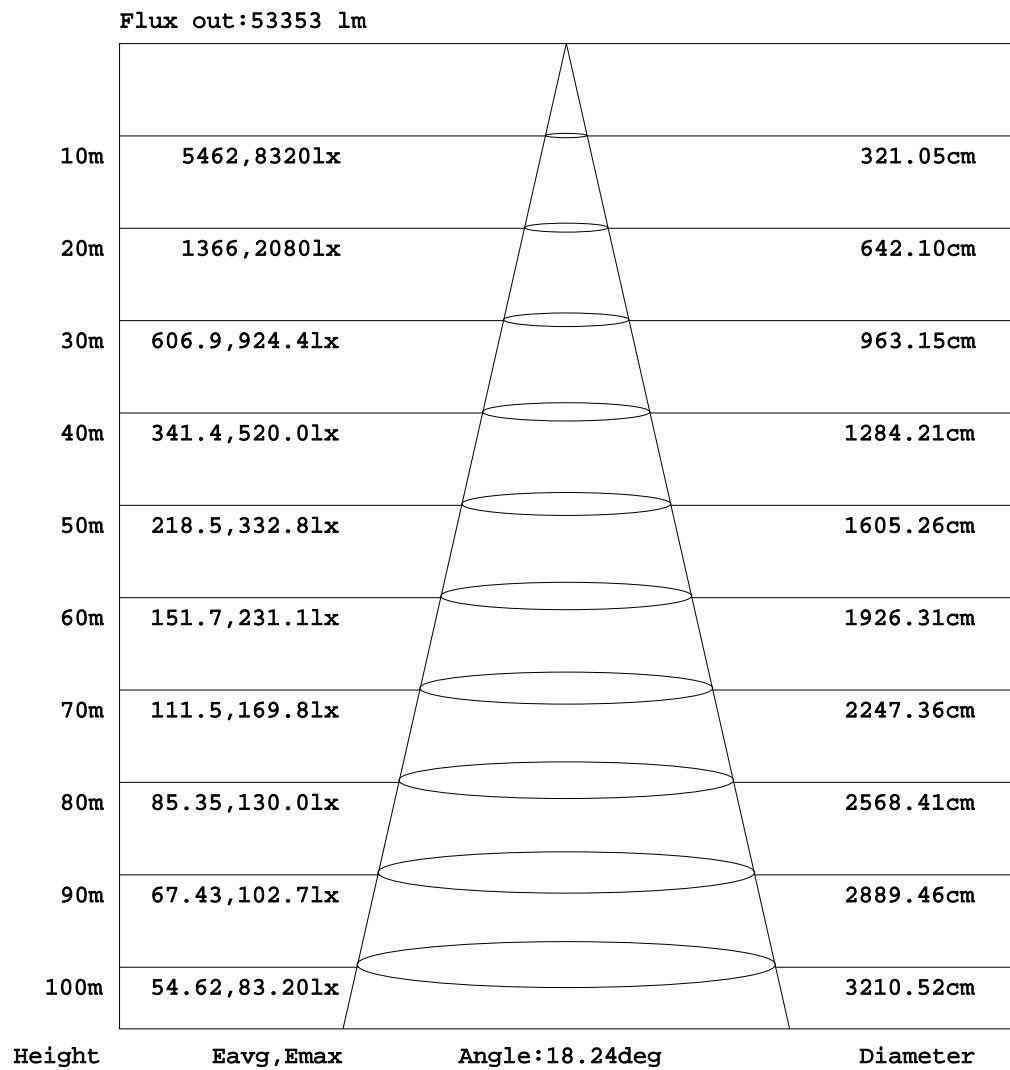


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019.3.13

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:

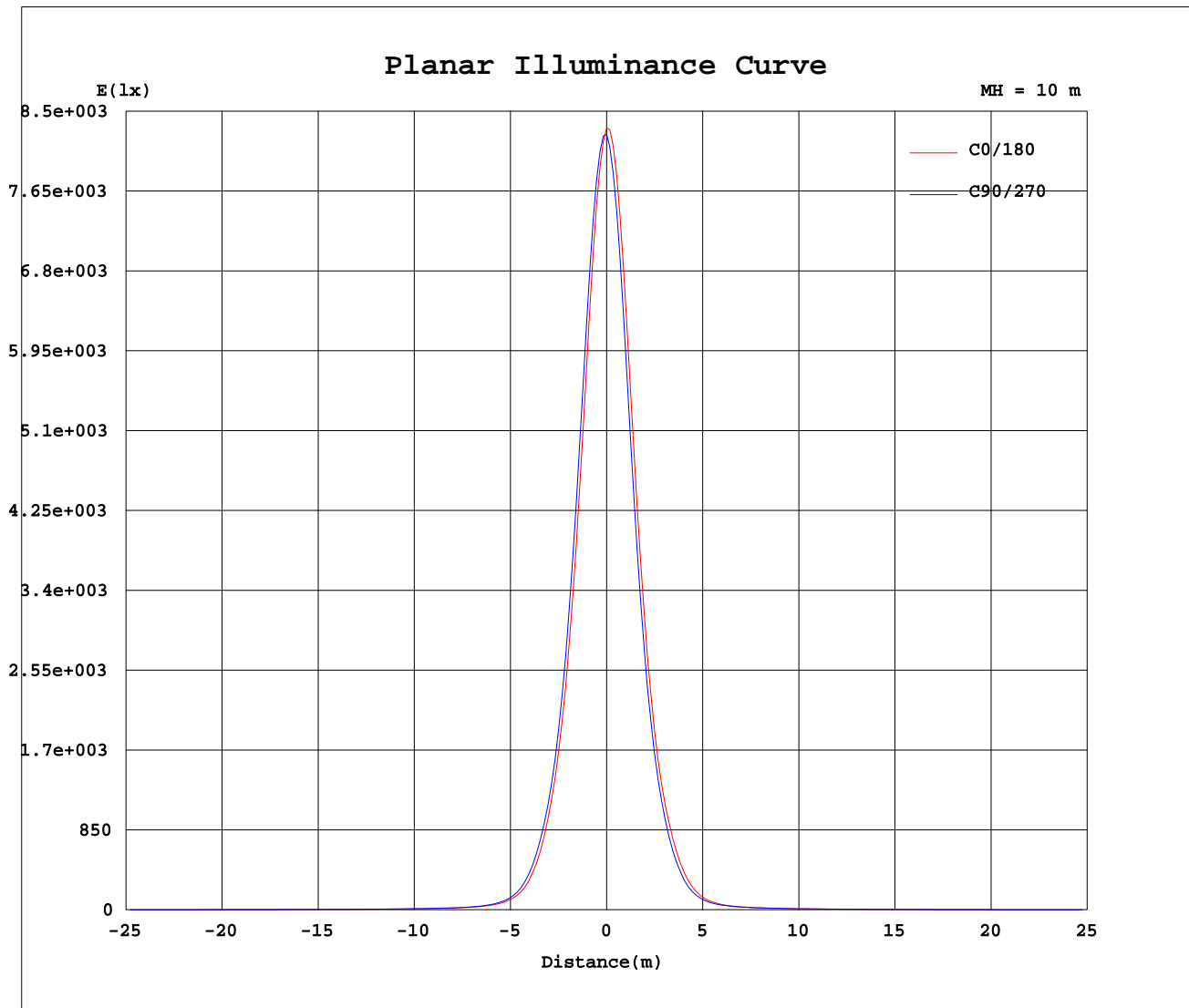


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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	8320	8313	8305	8300	8292	8287	8279	8272	8265	8254	8247	8235	8230	8218	8212	8198	8192	8182	8320
5	6456	6483	6507	6566	6601	6672	6705	6777	6815	6874	6903	6943	6953	6970	6956	6952	6909	6877	6922
10	3472	3503	3524	3585	3623	3690	3727	3798	3833	3898	3929	3977	3990	4008	3989	3990	3941	3902	3902
15	1563	1578	1586	1617	1637	1677	1695	1732	1747	1782	1798	1827	1839	1857	1848	1841	1808	1786	1771
20	600	621	647	699	721	744	730	731	712	729	741	784	804	830	820	814	775	756	745
25	207	213	224	257	286	299	280	261	245	250	257	287	322	356	353	330	288	267	262
30	90.3	90.4	88.6	91.0	100	107	99.3	99.3	100	103	102	104	110	134	130	114	105	103	103
35	53.7	52.7	52.9	53.1	55.8	56.8	55.6	57.3	58.1	58.6	57.8	57.6	57.6	61.7	61.9	59.0	58.2	58.4	58.4
40	39.3	39.5	41.0	42.7	45.6	46.4	44.3	43.9	42.9	43.1	42.5	43.7	44.9	48.9	49.1	45.9	44.0	42.6	42.5
45	31.9	33.3	35.8	37.9	40.2	41.2	39.3	38.3	36.3	35.2	36.4	38.3	40.2	42.9	42.6	40.3	38.2	35.4	34.7
50	29.2	30.1	31.8	33.2	34.2	34.9	34.6	34.1	32.5	32.0	32.8	34.6	35.3	35.5	35.4	35.1	34.0	31.9	31.6
55	26.4	26.8	26.7	27.1	27.5	28.2	28.1	28.3	28.5	28.9	28.9	28.9	28.8	28.6	28.7	28.2	27.9	27.6	27.8
60	21.6	21.7	21.2	21.4	21.7	21.9	22.1	22.2	22.8	23.4	23.1	22.6	22.2	22.5	22.4	22.0	21.8	22.2	22.3
65	16.7	16.6	16.2	16.2	16.5	16.5	16.6	16.7	17.5	17.9	17.6	16.9	16.6	17.0	16.9	16.6	16.6	16.9	17.2
70	11.6	11.5	11.2	11.2	11.3	11.4	11.2	11.6	12.2	12.4	12.2	11.5	11.4	11.7	11.6	11.5	11.5	11.7	11.8
75	6.70	6.61	6.47	6.64	6.62	6.78	6.75	6.90	7.26	7.49	7.24	6.90	6.88	6.98	6.83	6.77	6.72	6.79	6.93
80	2.88	2.85	2.81	2.87	2.89	3.03	3.05	3.08	3.27	3.45	3.26	3.17	3.14	3.13	3.04	3.04	2.98	2.99	3.05
85	0.57	0.58	0.57	0.61	0.61	0.68	0.70	0.78	0.82	0.90	0.82	0.80	0.74	0.73	0.68	0.68	0.65	0.65	0.65
90	0.08	0.08	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.09
95	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	0.09	0.11
100	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	0.11	0.11	0.11	0.11	0.11	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	8313	8305	8300	8292	8287	8279	8272	8265	8254	8247	8235	8230	8218	8212	8198	8192	8182		
5	6873	6845	6775	6733	6658	6616	6536	6492	6416	6379	6323	6305	6263	6267	6248	6276	6284		
10	3857	3833	3773	3740	3670	3633	3561	3521	3457	3429	3388	3371	3340	3350	3333	3359	3362		
15	1744	1728	1698	1689	1659	1641	1598	1578	1542	1532	1515	1516	1510	1518	1510	1520	1516		
20	734	751	751	761	739	718	664	636	608	618	628	659	664	672	644	623	590		
25	262	285	309	326	305	272	232	217	209	212	219	245	259	259	231	212	200		
30	101	101	107	120	106	95.0	91.4	91.7	90.6	89.4	86.4	87.0	93.9	92.1	84.8	85.8	87.0		
35	57.1	56.8	56.8	58.9	56.5	54.4	54.7	55.2	55.2	53.3	52.6	52.1	53.9	53.1	51.4	51.8	52.4		
40	42.2	43.9	45.8	48.4	46.5	43.5	42.5	41.6	41.4	40.6	41.4	42.5	45.0	44.3	41.7	40.7	39.0		
45	35.9	38.6	40.3	41.9	41.3	39.0	37.3	35.2	33.9	35.1	36.7	38.1	39.7	39.1	36.9	35.3	32.6		
50	32.5	34.2	34.7	34.8	34.6	34.5	33.5	32.0	31.4	31.8	32.9	33.5	33.4	33.2	32.2	31.2	29.3		
55	27.9	27.9	27.9	28.1	27.8	27.9	27.8	28.0	28.0	27.7	27.2	27.3	27.0	26.7	26.1	26.0	26.0		
60	22.2	21.8	21.8	22.1	21.8	21.6	21.9	22.6	22.7	22.3	21.4	21.4	21.1	21.1	20.6	20.6	21.1		
65	16.9	16.5	16.4	16.7	16.4	16.2	16.4	17.2	17.3	17.0	16.1	16.0	15.9	15.9	15.6	15.8	16.1		
70	11.6	11.4	11.2	11.4	11.2	11.1	11.1	11.8	11.9	11.7	11.0	10.9	10.9	10.9	10.7	10.9	11.1		
75	6.69	6.64	6.53	6.69	6.60	6.61	6.38	6.90	6.94	6.79	6.37	6.40	6.35	6.35	6.22	6.27	6.33		
80	2.90	2.91	2.86	2.92	2.85	2.93	2.82	3.02	3.07	2.95	2.77	2.77	2.67	2.68	2.63	2.69	2.67		
85	0.61	0.63	0.59	0.62	0.61	0.64	0.64	0.69	0.70	0.66	0.60	0.57	0.53	0.53	0.49	0.53	0.52		
90	0.09	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.09	0.08		
95	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		
100	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	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		
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: