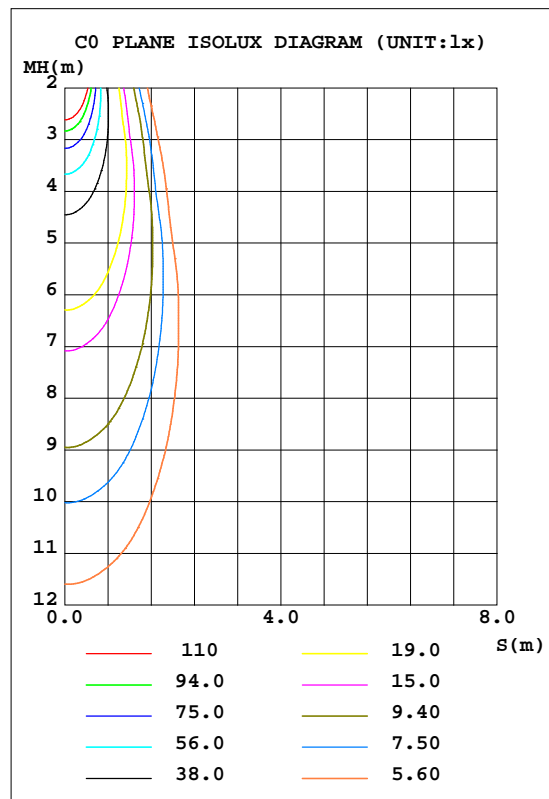
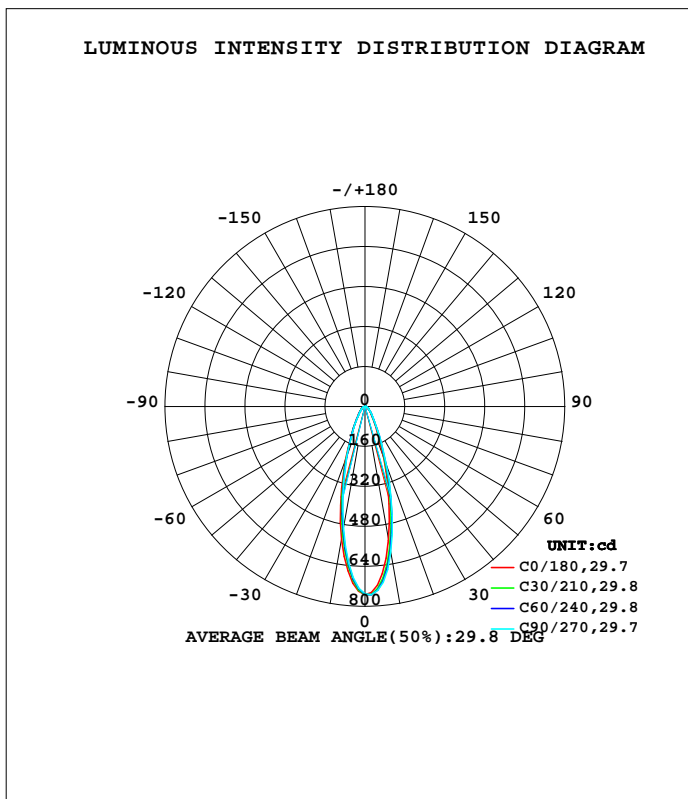


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 85.17 lm/W
MODEL	1982A-Q5	I _{max} (cd)	753.7	S/MH(C0/180)	0.49	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.45	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	316.70	h UP, DN(C0-180)	0.0, 52.5	
NOMINAL FLUX(lm)	316.701	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 47.5	
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	230	h down(%)	100.0	CIBSE SHR MAX	0.55	



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:03 June 2023

Range: 0 - 90DEG
 Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

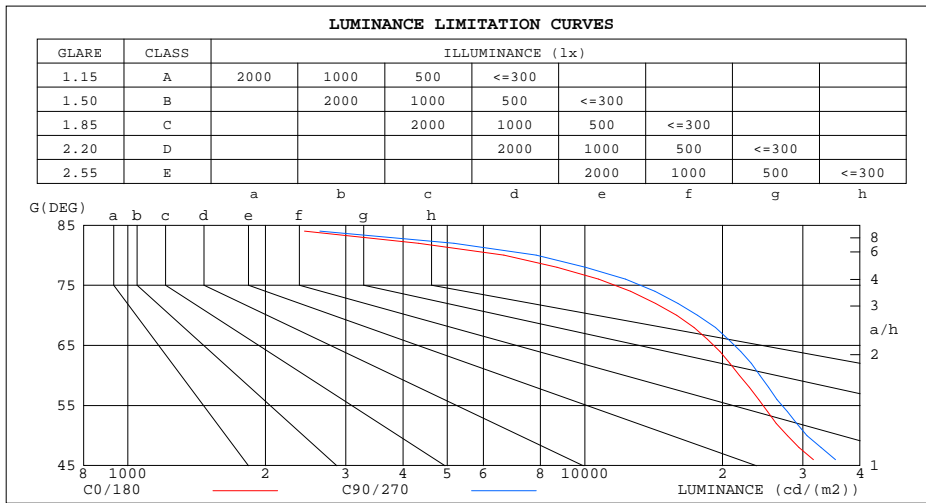
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	543.4	581.5	593.8	569.1	541.6	510.7	497.1	511.9	0- 10	61.19	61.19	19.3,19.3
20	221.9	242.6	252.9	241.1	228.4	219.5	213.8	210.6	10- 20	102.2	163.4	51.6,51.6
30	77.29	86.55	91.66	86.88	83.95	82.04	79.78	76.86	20- 30	63.38	226.8	71.6,71.6
40	39.20	41.78	43.12	43.23	40.03	38.32	37.11	37.55	30- 40	35.48	262.2	82.8,82.8
50	22.42	23.82	24.74	24.18	23.08	22.14	21.42	21.58	40- 50	23.44	285.7	90.2,90.2
60	13.70	14.55	15.19	14.79	14.09	13.57	13.08	13.26	50- 60	16.29	302.0	95.3,95.3
70	6.823	7.333	7.577	7.281	6.756	6.442	6.260	6.460	60- 70	10.26	312.2	98.6,98.6
80	1.450	1.657	1.708	1.491	1.162	1.036	1.043	1.173	70- 80	4.072	316.3	99.9,99.9
90	0.0590	0.0516	0.0443	0.0590	0.0664	0.0775	0.0885	0.0922	80- 90	0.3926	316.7	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:03 June 2023

g Range: 0 - 90DEG
 Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

LUMINANCE LIMITATION CURVES

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2922	3157
80	6649	7831
75	13410	15162
70	15882	17638
65	20485	22752
60	21813	24185
55	25745	28464
50	27766	30649
45	35397	39275

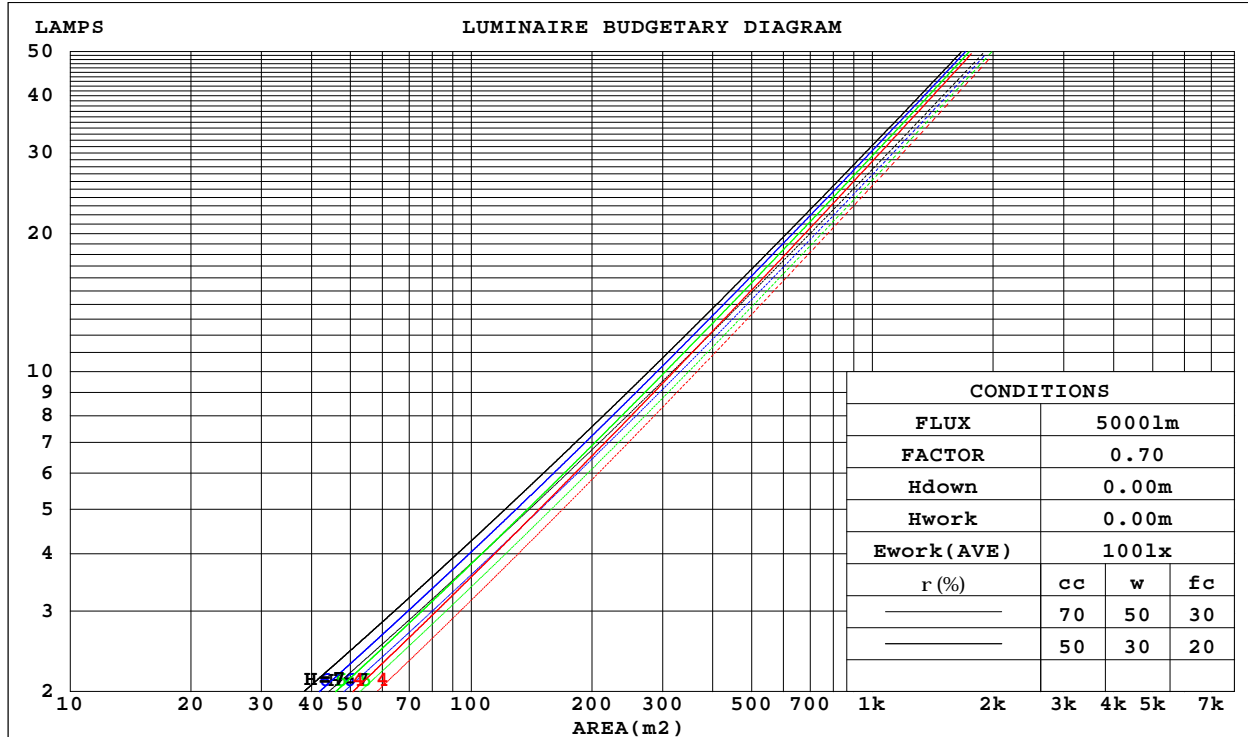
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LQL
 Test Date: 03 June 2023

G Range: 0 - 90DEG
 Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity: 65.0%
 Test Distance: 10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.95	1.01	.97	.94	.97	.94	.91	.94	.92	.90	.92	.89	.88	.86
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.89	.86	.83	.87	.84	.82	.80
4.0	.89	.84	.79	.88	.83	.79	.86	.82	.78	.84	.80	.77	.82	.79	.76	.75
5.0	.84	.78	.74	.83	.78	.74	.81	.77	.73	.80	.76	.72	.78	.75	.72	.70
6.0	.79	.74	.69	.79	.73	.69	.77	.72	.69	.76	.71	.68	.74	.71	.68	.66
7.0	.75	.69	.65	.75	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.60
9.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.57
10.0	.65	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.63	.59	.56	.54



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:03 June 2023

Range: 0 - 90DEG
 Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

WEC AND CCEC

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.187	.106	.034	.180	.103	.033	.167	.096	.031	.156	.090	.029	.145	.084	.027	
2.0	.178	.097	.030	.172	.095	.029	.161	.090	.028	.152	.085	.027	.143	.081	.025	
3.0	.167	.089	.027	.163	.087	.026	.153	.083	.025	.145	.079	.024	.137	.076	.024	
4.0	.157	.082	.024	.153	.080	.024	.145	.077	.023	.138	.074	.022	.131	.071	.022	
5.0	.148	.075	.022	.144	.074	.022	.138	.072	.021	.131	.069	.021	.125	.067	.020	
6.0	.140	.070	.020	.137	.069	.020	.131	.067	.019	.125	.065	.019	.120	.063	.019	
7.0	.132	.065	.019	.129	.064	.018	.124	.063	.018	.119	.061	.018	.114	.059	.017	
8.0	.125	.061	.017	.123	.060	.017	.118	.059	.017	.114	.058	.017	.110	.056	.016	
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.054	.016	.105	.053	.015	
10.0	.113	.054	.015	.111	.054	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.135	.114	.097	.092	.079	.067	.053	.046	.040	.017	.015	.013	
3.0	.145	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.059	.107	.076	.052	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.068	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.098	.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:LQL
 Test Date:03 June 2023

g Range: 0 - 90DEG
 g Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

UGR(Unified Glare Rating) Table

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm										
NAME: Uba outdoor 3.5W LED spike light					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: CG LIGHTING					SUR.:			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	24.7	25.7	25.0	25.8	26.0	25.2	26.1	25.4	26.3	26.4
3H	25.5	26.4	25.8	26.6	26.8	26.0	26.9	26.3	27.1	27.3
4H	25.7	26.6	26.0	26.8	27.0	26.2	27.1	26.5	27.3	27.5
6H	25.8	26.6	26.1	26.8	27.1	26.3	27.1	26.6	27.3	27.6
8H	25.7	26.5	26.1	26.8	27.0	26.2	27.0	26.6	27.3	27.5
12H	25.7	26.4	26.0	26.7	27.0	26.2	26.9	26.5	27.2	27.5
4H 2H	25.1	26.0	25.4	26.2	26.4	25.5	26.3	25.8	26.6	26.8
3H	26.1	26.8	26.4	27.1	27.4	26.5	27.2	26.8	27.5	27.8
4H	26.4	27.0	26.7	27.3	27.6	26.8	27.4	27.1	27.7	28.0
6H	26.4	27.0	26.8	27.3	27.7	26.9	27.5	27.2	27.8	28.1
8H	26.4	26.9	26.8	27.3	27.7	26.8	27.4	27.2	27.7	28.1
12H	26.4	26.8	26.8	27.2	27.6	26.8	27.3	27.2	27.7	28.1
8H 4H	26.4	27.0	26.8	27.3	27.7	26.8	27.4	27.2	27.7	28.1
6H	26.5	27.0	26.9	27.4	27.8	26.9	27.4	27.4	27.8	28.2
8H	26.5	26.9	26.9	27.3	27.8	26.9	27.3	27.4	27.7	28.2
12H	26.4	26.8	26.9	27.2	27.7	26.9	27.2	27.3	27.7	28.1
12H 4H	26.4	26.9	26.8	27.3	27.6	26.8	27.3	27.2	27.6	28.0
6H	26.5	26.9	26.9	27.3	27.7	26.9	27.3	27.4	27.7	28.2
8H	26.5	26.8	26.9	27.2	27.7	26.9	27.2	27.4	27.7	28.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 0.5 / - 0.7				
1.5H	+ 0.5 / - 0.5					+ 0.5 / - 0.4				
2.0H	+ 0.8 / - 0.8					+ 0.9 / - 0.6				

CIE Pub.117, 316.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.0)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:03 June 2023

g Range: 0 - 90DEG
 g Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

UTILIZATION FACTORS TABLE

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

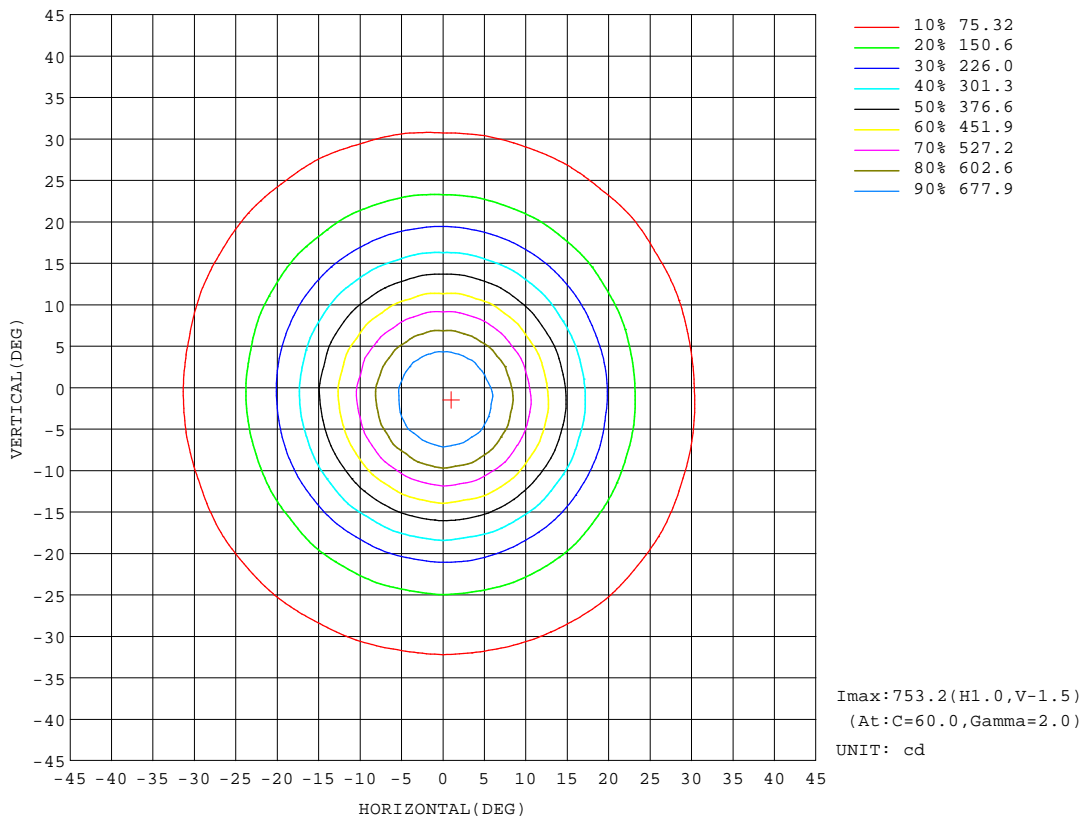
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	81	73	69	80	73	69	79	73	69	64
0.80	89	82	77	88	81	77	87	81	77	72
1.00	94	88	83	93	87	83	92	87	82	78
1.25	99	93	89	98	92	88	96	91	87	83
1.50	102	96	92	101	96	92	99	94	91	86
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	103	100	97	91
3.00	110	106	103	108	104	102	105	102	99	93
4.00	112	109	106	110	107	105	107	104	102	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:LQL
 Test Date:03 June 2023

g Range: 0 - 90DEG
 Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

ISOCANDELA DIAGRAM

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

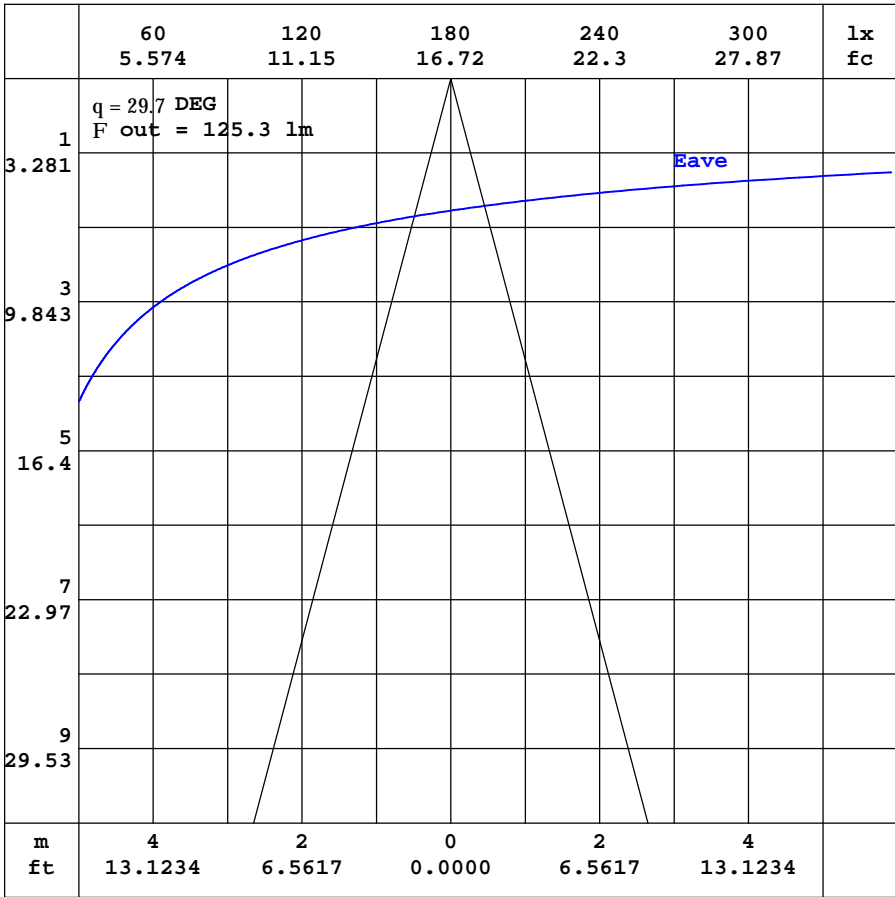


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
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Range: 0 - 90DEG
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

AAI CURVES

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



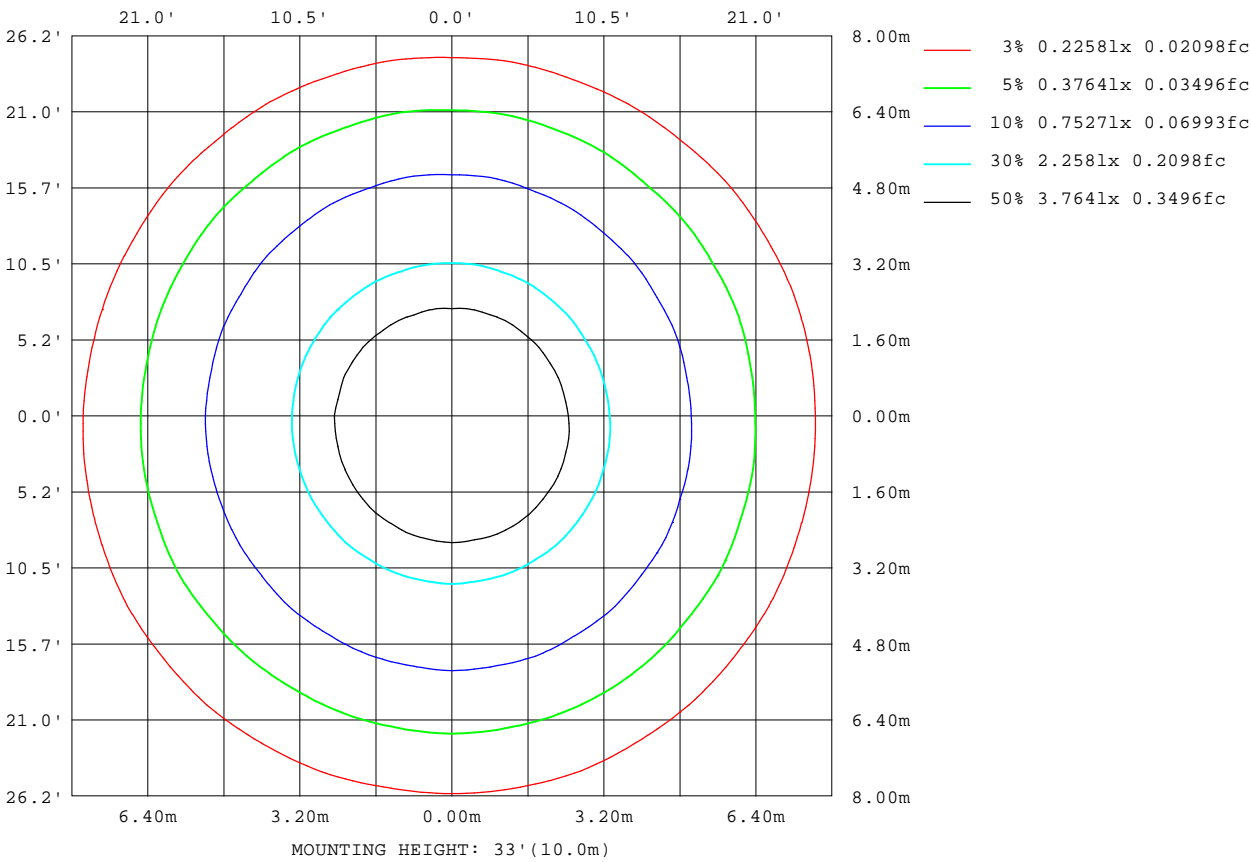
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LQL
Test Date:03 June 2023

Range: 0 - 90DEG
Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
Humidity:65.0%
Test Distance:10.365m [K=1.0000]
Remarks: ZG1BMC MINI-4-350

ISOLUX DIAGRAM

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LQL
 Test Date: 03 June 2023

Page Range: 0 - 90DEG
 Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity: 65.0%
 Test Distance: 10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

LED Avg.L Report

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

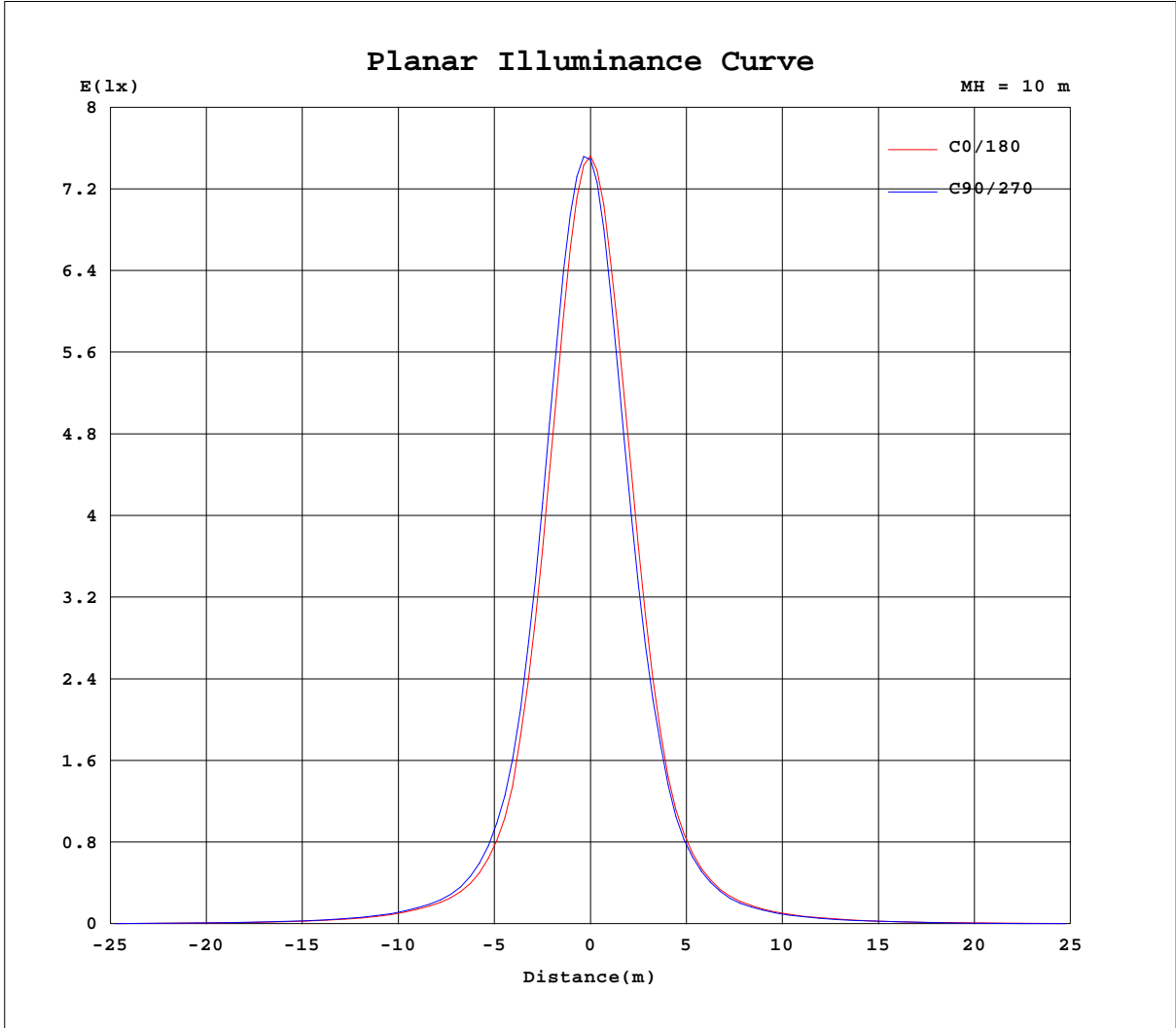
AvgL	cd/m2
L_0~180(65)av	19285
L_0~180(75)av	11374
L_0~180(85)av	1242
L_90~270(65)av	19688
L_90~270(75)av	11696
L_90~270(85)av	1505
L_45(65)av	19545
L_45(75)av	11547
L_45(85)av	1479

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:03 June 2023

g Range: 0 - 90DEG
 g Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LQL
Test Date: 03 June 2023

Page Range: 0 - 90DEG
Page Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.403
Humidity: 65.0%
Test Distance: 10.365m [K=1.0000]
Remarks: ZG1BMC MINI-4-350

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	753	753	752	753	751	751	752	751	751	749	749	749	750	748	750	748	749	749	753
5	716	723	726	731	733	735	736	737	736	738	735	735	729	728	723	718	713	710	709
10	543	556	561	572	576	587	588	595	590	594	588	586	573	575	564	560	549	546	542
15	402	415	419	430	432	443	446	451	445	451	445	444	434	434	424	418	413	407	407
20	222	223	231	235	240	245	247	251	251	253	250	249	246	244	239	237	234	230	228
25	137	141	143	149	153	159	162	163	164	165	162	162	159	158	152	152	149	148	147
30	77.3	79.2	80.5	83.5	85.0	88.1	89.3	91.3	90.6	91.7	90.6	90.1	87.9	87.8	85.9	85.8	83.8	84.2	84.0
35	55.8	56.4	57.3	59.4	59.4	61.3	62.7	63.3	63.3	64.0	63.1	63.1	62.5	62.8	62.4	63.0	61.6	60.9	59.8
40	39.2	39.8	40.3	41.1	41.5	42.1	42.6	43.3	43.1	43.1	43.0	43.6	43.3	43.7	42.8	42.4	41.6	40.7	40.0
45	31.4	32.2	32.4	33.1	33.3	34.1	34.6	35.0	34.8	34.9	34.6	34.7	34.3	34.4	33.6	33.1	32.2	32.0	31.6
50	22.4	22.8	23.0	23.3	23.6	24.1	24.4	24.6	24.6	24.7	24.7	24.6	24.4	24.3	24.0	23.9	23.6	23.3	23.1
55	18.5	18.9	19.0	19.3	19.5	19.9	19.9	20.3	20.2	20.5	20.3	20.4	20.1	20.2	19.9	19.9	19.5	19.4	19.1
60	13.7	14.0	14.1	14.3	14.4	14.7	14.7	15.0	15.0	15.2	15.1	15.1	14.9	15.0	14.6	14.7	14.3	14.2	14.1
65	10.9	11.1	11.1	11.4	11.5	11.7	11.7	12.0	11.9	12.1	12.0	12.0	11.7	11.8	11.6	11.6	11.3	11.2	11.0
70	6.82	7.02	6.99	7.16	7.24	7.43	7.45	7.61	7.49	7.58	7.48	7.55	7.36	7.40	7.16	7.19	6.92	6.91	6.76
75	4.36	4.47	4.53	4.66	4.70	4.80	4.85	4.94	4.88	4.93	4.86	4.84	4.74	4.73	4.60	4.55	4.39	4.32	4.18
80	1.45	1.47	1.53	1.57	1.63	1.69	1.70	1.72	1.70	1.71	1.66	1.62	1.58	1.52	1.47	1.39	1.33	1.27	1.16
85	0.32	0.29	0.36	0.35	0.39	0.37	0.42	0.36	0.42	0.35	0.39	0.33	0.37	0.34	0.31	0.22	0.26	0.18	0.14
90	0.06	0.06	0.06	0.04	0.05	0.05	0.06	0.07	0.07	0.04	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:03 June 2023

g Range: 0 - 90DEG
 Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.72V I:0.0290A P:3.7183W PF:0.5548 Freq:49.99Hz Lamp Flux:316.70lx1 lm		
NAME: Uba outdoor 3.5W LED spike light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	753	752	753	751	751	752	751	751	749	749	749	750	748	750	748	749	749		
5	702	701	697	697	690	690	687	689	685	688	687	692	693	700	701	707	709		
10	527	529	519	515	506	505	499	502	497	501	500	507	509	514	516	529	533		
15	395	395	388	384	375	372	366	368	366	368	368	371	371	377	379	387	392		
20	227	225	223	220	219	216	216	213	214	211	212	210	211	210	211	212	217		
25	144	145	143	143	141	143	141	141	138	138	136	136	134	134	133	135	135		
30	82.6	83.1	82.2	82.4	81.7	82.5	81.1	81.8	79.8	80.0	78.7	78.1	76.6	77.2	75.7	76.6	76.4		
35	58.7	58.4	58.5	59.0	58.4	58.6	57.6	57.9	56.5	56.7	56.2	56.2	54.9	55.8	55.7	56.6	56.1		
40	39.4	39.3	38.5	38.6	38.1	38.0	37.4	37.4	37.1	37.3	36.8	37.2	37.2	37.9	37.7	38.4	38.5		
45	30.9	30.9	30.3	30.2	29.9	29.7	29.1	29.1	28.8	29.1	28.9	29.3	29.2	29.9	29.9	30.5	30.5		
50	22.8	22.8	22.4	22.3	21.9	22.0	21.6	21.6	21.4	21.5	21.4	21.5	21.5	21.7	21.7	22.0	22.0		
55	18.8	18.8	18.6	18.6	18.3	18.3	17.9	18.0	17.8	17.9	17.7	17.9	17.9	18.1	18.0	18.2	18.3		
60	13.8	13.9	13.7	13.8	13.4	13.4	13.2	13.2	13.1	13.2	13.1	13.2	13.2	13.4	13.5	13.7	13.5		
65	10.9	10.8	10.7	10.7	10.5	10.5	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.6	10.6	10.7	10.7		
70	6.59	6.62	6.49	6.53	6.36	6.37	6.25	6.31	6.26	6.34	6.27	6.40	6.36	6.56	6.59	6.68	6.71		
75	4.09	4.05	3.95	3.93	3.86	3.84	3.81	3.82	3.83	3.88	3.91	3.96	3.99	4.07	4.12	4.20	4.26		
80	1.15	1.07	1.07	1.02	1.05	1.02	1.03	1.01	1.04	1.04	1.10	1.11	1.17	1.18	1.26	1.28	1.36		
85	0.21	0.13	0.19	0.12	0.16	0.12	0.17	0.11	0.19	0.13	0.21	0.15	0.22	0.21	0.26	0.21	0.30		
90	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.09	0.09	0.10	0.10	0.09	0.09	0.10	0.10	0.10	0.07		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:03 June 2023

g Range: 0 - 90DEG
 Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
 Humidity:65.0%
 Test Distance:10.365m [K=1.0000]
 Remarks: ZG1BMC MINI-4-350