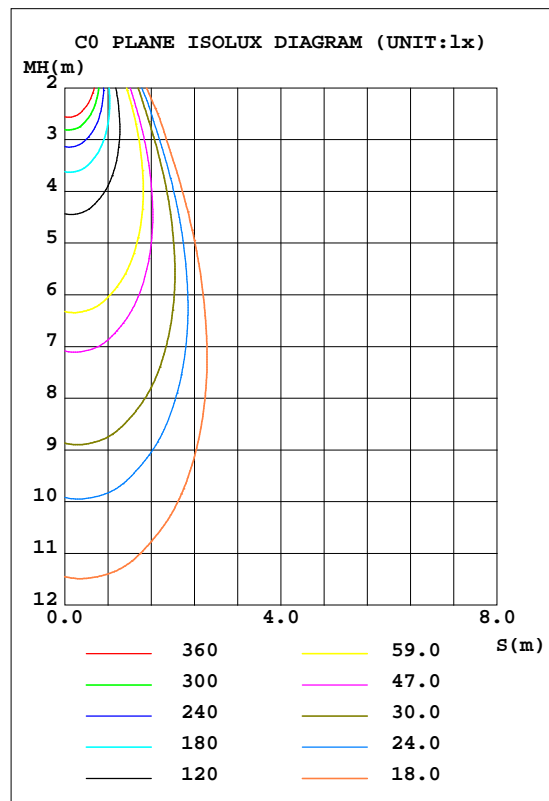
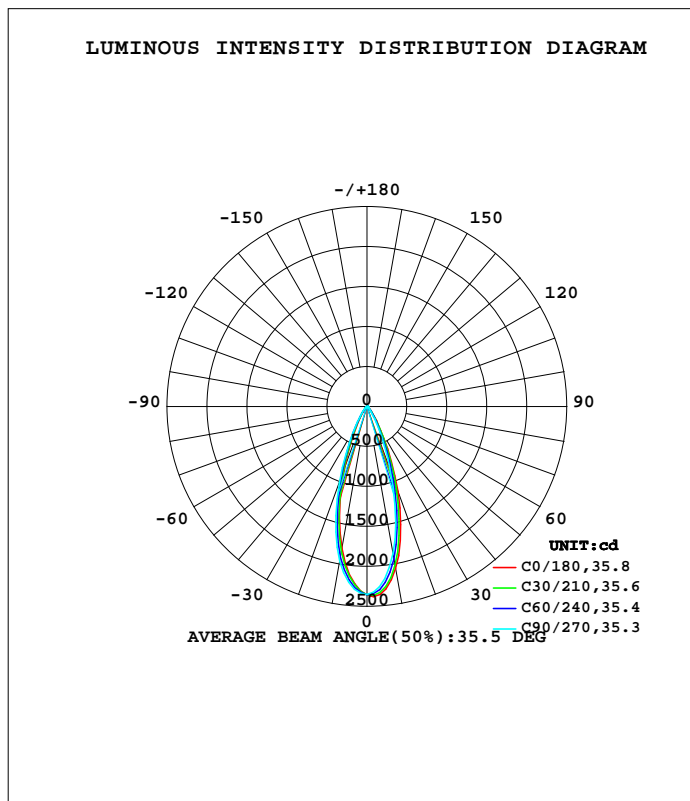


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	1664B-Q5P03	Imax(cd)	2378	S/MH(C0/180)	0.54
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1018.0	h UP, DN(C0-180)	0.0,48.5
NOMINAL FLUX(lm)	508.988	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,51.5
LAMPS INSIDE	2	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	h down(%)	100.0	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 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 LSC6W500LR UNI

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

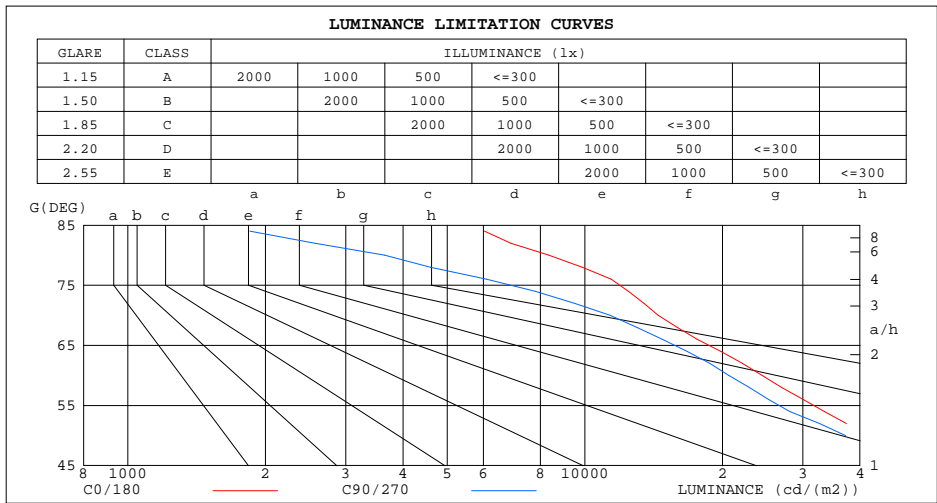
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2058	1981	1872	1791	1806	1876	1966	2033	0- 10	203.6	203.6	20,20
20	1136	1007	865.4	789.7	824.7	910.2	1016	1107	10- 20	397.4	601.1	59,59
30	351.1	299.4	232.8	206.7	220.1	261.0	291.3	336.3	20- 30	253.6	854.6	84,84
40	102.3	89.46	71.91	58.54	60.57	68.37	81.32	98.72	30- 40	96.26	950.9	93.4,93.4
50	34.34	31.10	30.08	25.59	26.10	26.91	30.67	32.15	40- 50	37.19	988.1	97.1,97.1
60	15.35	14.33	12.99	11.40	11.27	12.02	13.31	14.60	50- 60	18.08	1006	98.8,98.8
70	6.218	5.754	4.878	4.024	4.057	4.499	5.301	5.911	60- 70	8.603	1015	99.7,99.7
80	1.819	1.303	0.7952	0.4948	0.4489	0.6051	0.9241	1.272	70- 80	2.804	1018	100,100
90	0.2287	0.1660	0.1328	0.1402	0.1402	0.1475	0.1402	0.1549	80- 90	0.4263	1018	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 July 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 LSC6W500LR UNI

LUMINANCE LIMITATION CURVES

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G( DEG)	C0/180	C90/270
85	7234	2219
80	8338	3646
75	13269	8292
70	14474	11355
65	20576	17373
60	24440	20682
55	34283	28837
50	42540	37258
45	74054	54202

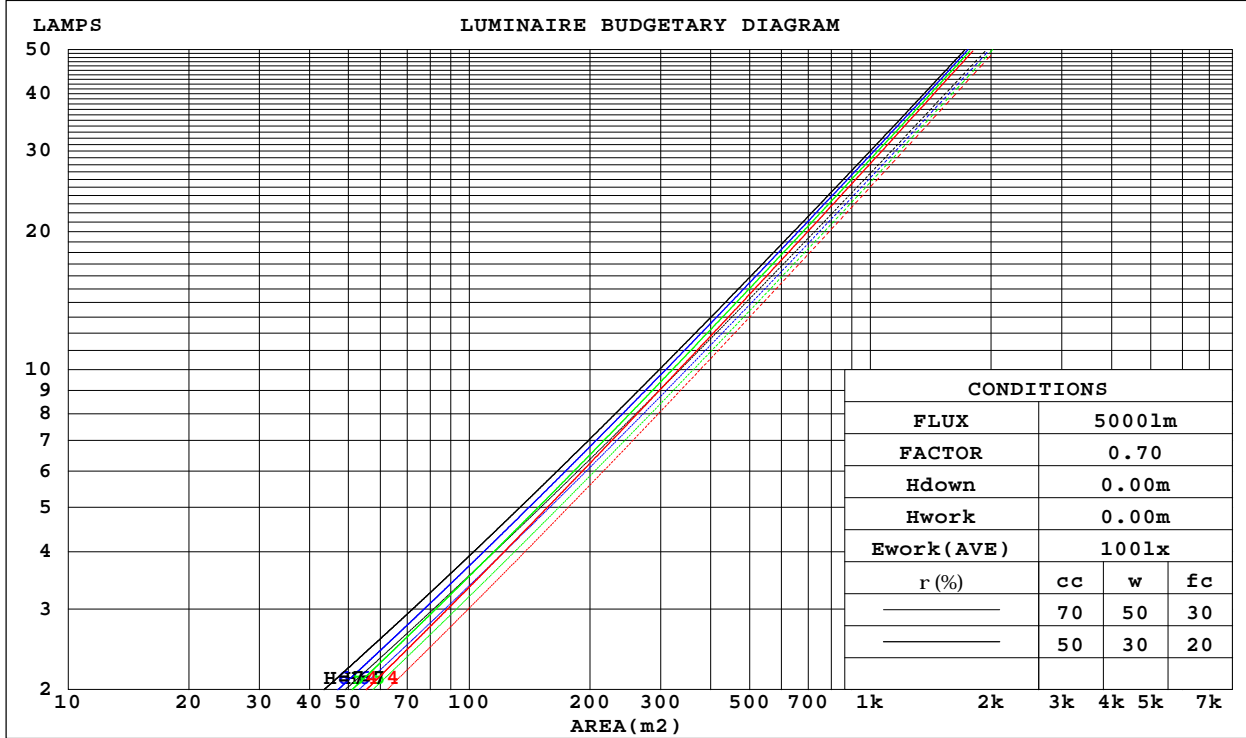
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 2023

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 LSC6W500LR UNI

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

r <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	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	1.12	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95
2.0	1.05	1.01	.98	1.03	.99	.97	.99	.97	.95	.97	.95	.93	.94	.93	.91	.89
3.0	.99	.94	.91	.98	.93	.90	.95	.92	.89	.93	.90	.87	.90	.88	.86	.85
4.0	.94	.89	.85	.92	.88	.84	.90	.87	.84	.88	.85	.83	.87	.84	.82	.80
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.85	.81	.78	.83	.80	.78	.76
6.0	.85	.79	.76	.84	.79	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
7.0	.81	.75	.72	.80	.75	.72	.79	.74	.71	.78	.74	.71	.77	.73	.71	.69
8.0	.77	.72	.68	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66
9.0	.74	.69	.65	.73	.69	.65	.72	.68	.65	.72	.68	.65	.71	.67	.65	.63
10.0	.71	.66	.63	.70	.66	.62	.70	.65	.62	.69	.65	.62	.68	.65	.62	.61



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 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 LSC6W500LR UNI

WEC AND CCEC

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	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	.162	.092	.029	.156	.089	.028	.143	.082	.026	.132	.076	.024	.121	.070	.023	
2.0	.154	.084	.026	.148	.082	.025	.138	.077	.024	.128	.072	.022	.119	.067	.021	
3.0	.145	.077	.023	.140	.075	.023	.131	.071	.022	.123	.068	.021	.116	.064	.020	
4.0	.137	.071	.021	.133	.070	.021	.125	.067	.020	.118	.064	.019	.112	.061	.019	
5.0	.130	.066	.019	.126	.065	.019	.120	.062	.018	.114	.060	.018	.108	.058	.017	
6.0	.123	.062	.018	.120	.061	.017	.115	.059	.017	.109	.057	.017	.104	.055	.016	
7.0	.117	.058	.016	.115	.057	.016	.110	.056	.016	.105	.054	.016	.101	.052	.015	
8.0	.112	.055	.015	.110	.054	.015	.105	.053	.015	.101	.051	.015	.097	.050	.015	
9.0	.107	.052	.014	.105	.051	.014	.101	.050	.014	.097	.049	.014	.094	.048	.014	
10.0	.103	.049	.014	.101	.049	.014	.097	.048	.013	.094	.047	.013	.091	.046	.013	

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	.170	.157	.146	.146	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.099	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.112	.077	.052	.096	.067	.045	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.105	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.099	.063	.038	.085	.054	.033	.059	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.056	.035	.020	.032	.021	.012	.011	.007	.004	
10.0	.089	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 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 LSC6W500LR UNI

UGR(Unified Glare Rating) Table

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm										
NAME: Gunnsy 2x5W LED					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	20.9	21.7	21.1	21.9	22.0	19.5	20.4	19.8	20.5	20.7
3H	21.0	21.7	21.2	21.9	22.1	19.7	20.4	19.9	20.6	20.8
4H	21.0	21.7	21.3	21.9	22.1	19.6	20.4	19.9	20.6	20.8
6H	20.9	21.6	21.2	21.9	22.1	19.6	20.3	19.9	20.5	20.7
8H	20.9	21.6	21.2	21.8	22.1	19.5	20.2	19.8	20.4	20.7
12H	20.9	21.5	21.2	21.8	22.0	19.5	20.1	19.8	20.4	20.7
4H 2H	20.8	21.5	21.1	21.8	22.0	19.6	20.3	19.8	20.5	20.7
3H	21.0	21.6	21.3	21.9	22.1	19.7	20.4	20.1	20.6	20.9
4H	21.0	21.6	21.3	21.9	22.2	19.7	20.3	20.1	20.6	20.9
6H	21.0	21.5	21.3	21.8	22.1	19.7	20.2	20.1	20.5	20.9
8H	20.9	21.4	21.3	21.8	22.1	19.6	20.1	20.0	20.5	20.8
12H	20.9	21.3	21.3	21.7	22.1	19.6	20.0	20.0	20.4	20.8
8H 4H	20.9	21.4	21.3	21.7	22.1	19.7	20.1	20.1	20.5	20.9
6H	20.9	21.3	21.3	21.7	22.1	19.6	20.0	20.0	20.4	20.8
8H	20.9	21.2	21.3	21.6	22.0	19.6	19.9	20.0	20.3	20.8
12H	20.8	21.1	21.3	21.5	22.0	19.5	19.8	20.0	20.3	20.7
12H 4H	20.8	21.3	21.3	21.6	22.0	19.6	20.1	20.0	20.4	20.8
6H	20.8	21.2	21.3	21.6	22.0	19.6	19.9	20.0	20.3	20.8
8H	20.8	21.1	21.3	21.5	22.0	19.5	19.8	20.0	20.3	20.7
Variations with the observer position at spacings:										
S = 1.0H	+ 2.2 / - 2.9					+ 1.5 / - 2.6				
1.5H	+ 3.5 / - 2.4					+ 2.2 / - 1.8				
2.0H	+ 3.3 / - 2.2					+ 2.5 / - 2.0				

CIE Pub.117, 1018 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.1)

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 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 LSC6W500LR UNI

UTILIZATION FACTORS TABLE

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

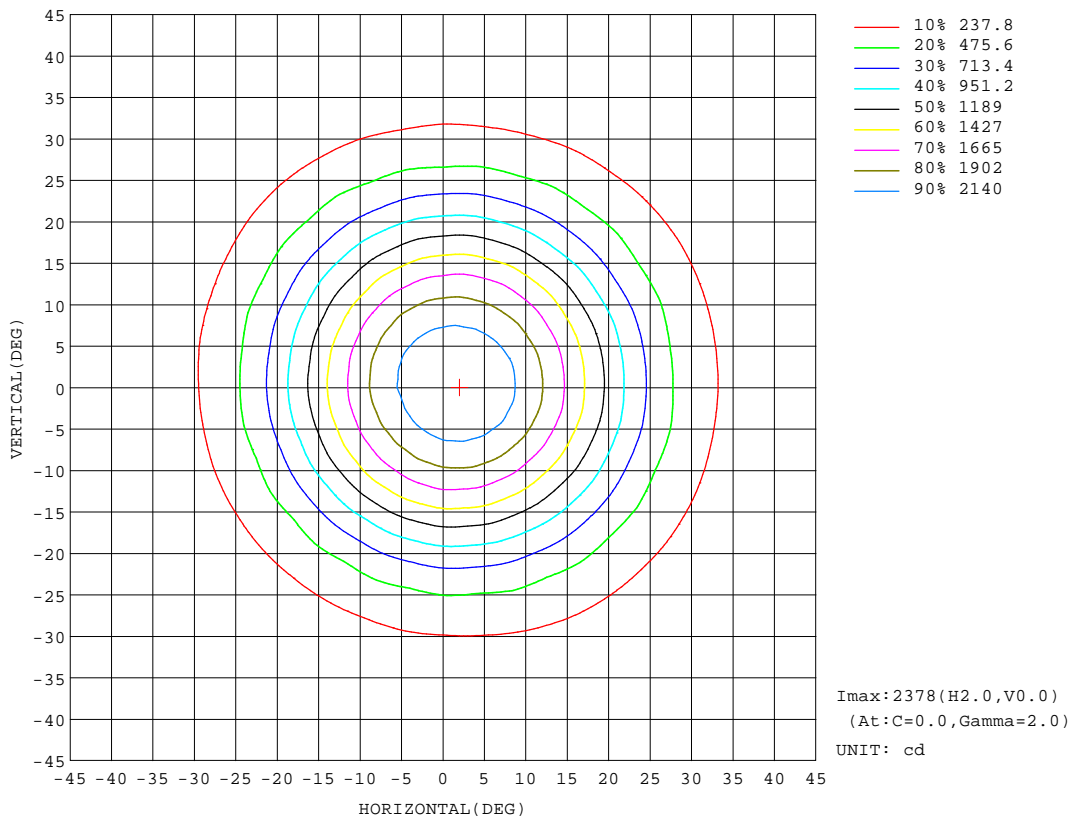
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	87	81	77	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	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:LQL  
 Test Date:03 July 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 LSC6W500LR UNI

ISOCANDELA DIAGRAM

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



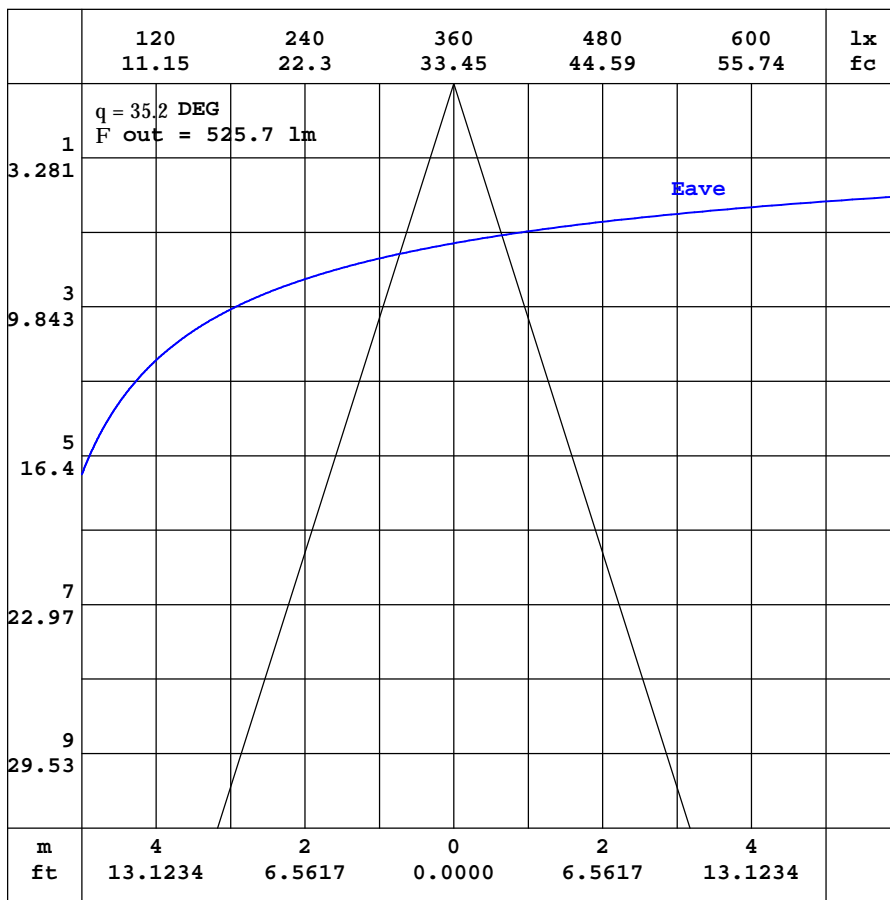
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 2023

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 LSC6W500LR UNI



AAI CURVES

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



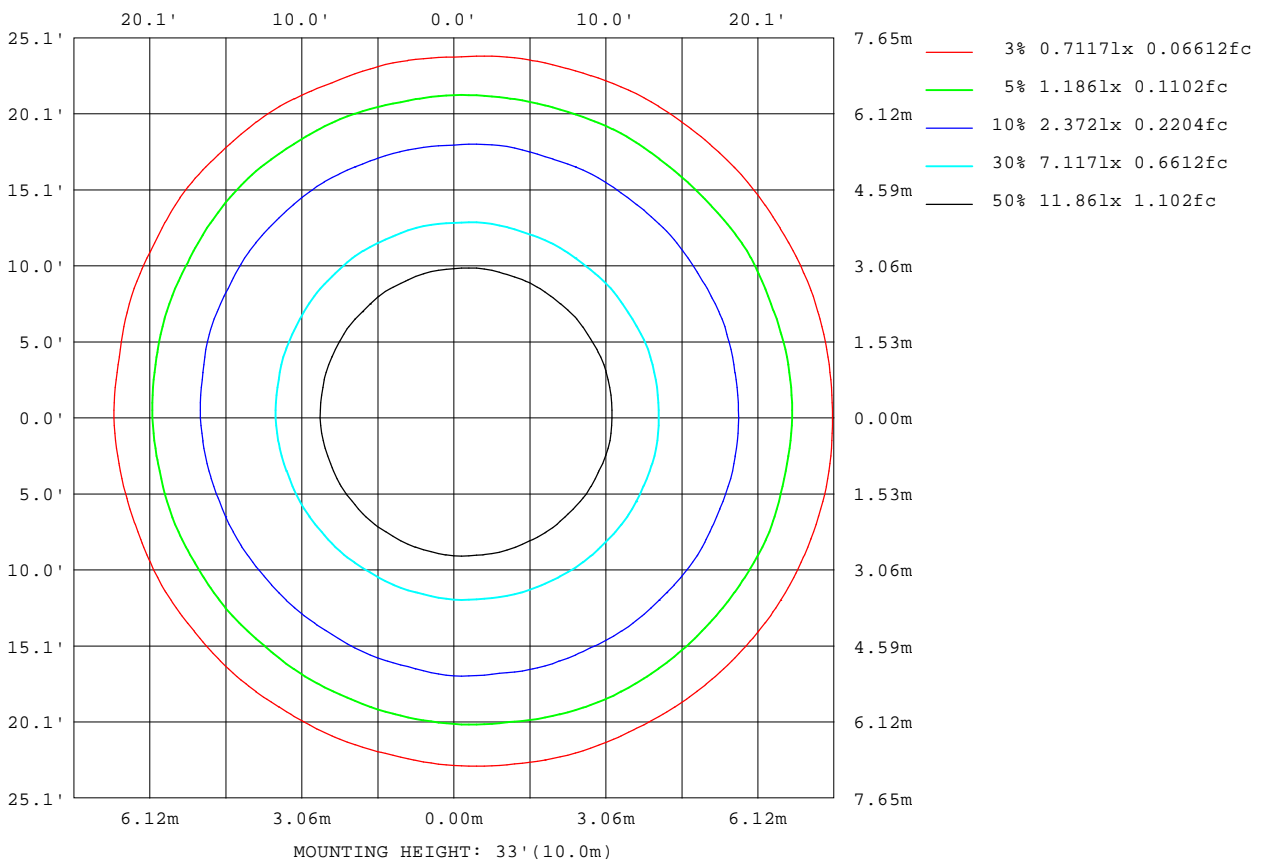
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 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 LSC6W500LR UNI

**ISOLUX DIAGRAM**

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	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 July 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 LSC6W500LR UNI

LED Avg.L Report

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

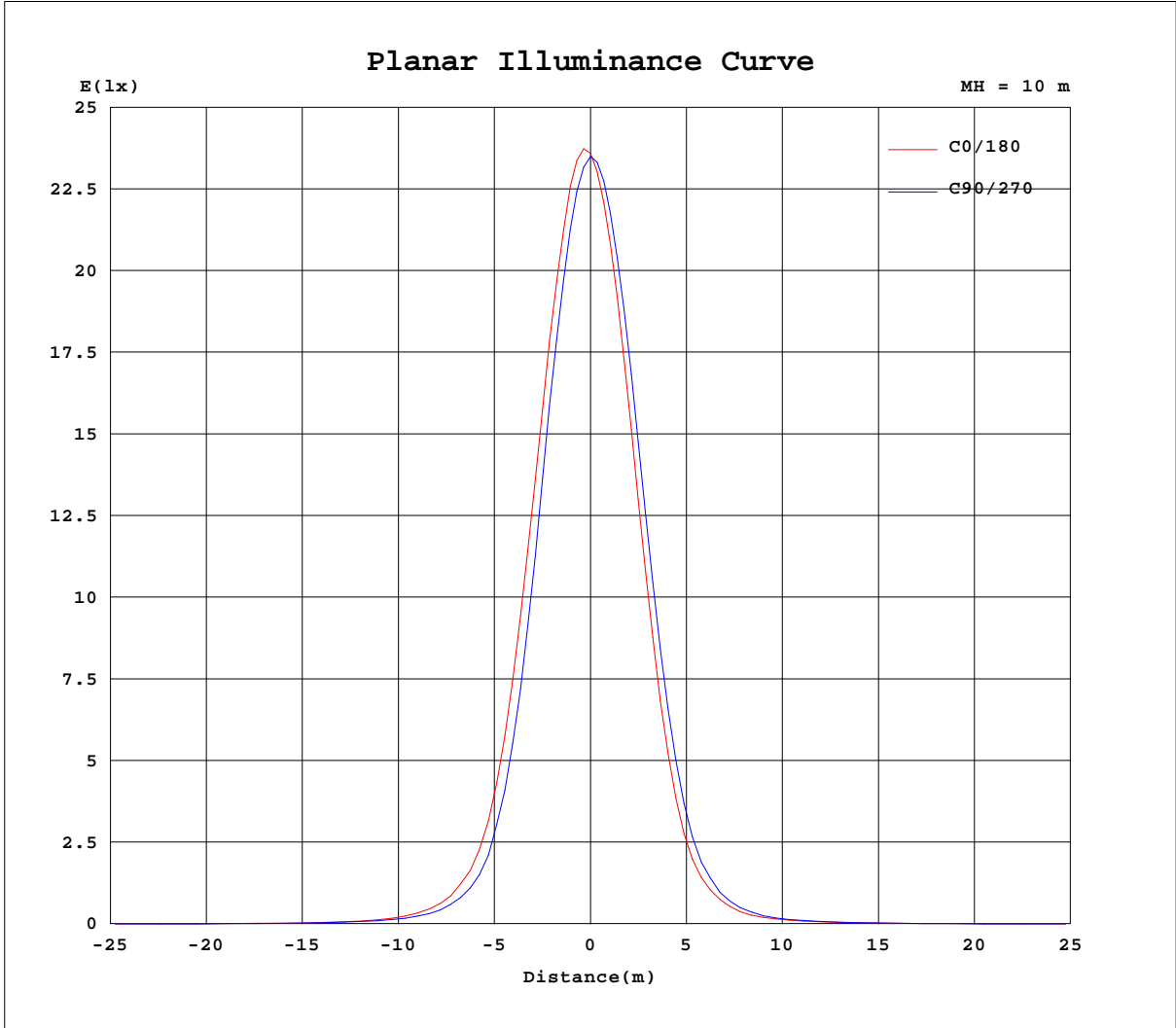
AvgL	cd/m2
L_0~180(65)av	16183
L_0~180(75)av	8375
L_0~180(85)av	3773
L_90~270(65)av	16139
L_90~270(75)av	7381
L_90~270(85)av	2167
L_45(65)av	15944
L_45(75)av	7452
L_45(85)av	2761

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 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 LSC6W500LR UNI

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LQL  
Test Date: 03 July 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 LSC6W500LR UNI

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	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	2359	2357	2357	2355	2355	2352	2353	2353	2350	2350	2354	2352	2350	2354	2350	2352	2350	2350	2359
5	2355	2353	2342	2331	2316	2309	2294	2286	2272	2260	2247	2240	2227	2225	2214	2215	2208	2211	2223
10	2058	2056	2034	2022	1991	1971	1941	1922	1889	1872	1844	1831	1801	1800	1783	1786	1779	1793	1806
15	1727	1722	1689	1665	1625	1602	1562	1548	1507	1494	1458	1444	1417	1419	1399	1406	1396	1412	1423
20	1136	1125	1093	1065	1022	991	950	922	884	865	834	818	796	795	784	791	791	807	825
25	757	751	721	702	670	647	610	589	552	538	508	511	475	489	465	489	475	505	506
30	351	345	332	321	306	293	275	263	245	233	228	212	213	204	210	205	215	214	220
35	216	208	209	197	188	180	168	159	150	143	135	132	128	128	126	127	125	128	132
40	102	102	99.1	95.9	92.2	86.7	82.4	79.7	74.9	71.9	67.9	65.2	60.0	59.6	57.4	58.3	57.8	59.5	60.6
45	65.8	66.2	64.4	63.1	60.6	57.8	54.6	53.3	50.0	48.1	44.3	42.8	41.3	41.2	40.4	40.6	40.4	41.1	41.4
50	34.3	33.5	32.6	32.4	31.2	31.0	30.6	31.9	30.7	30.1	27.4	26.9	26.0	25.9	25.3	25.4	25.9	26.6	26.1
55	24.7	23.9	23.4	23.2	22.8	22.5	22.1	23.3	21.3	20.8	19.6	19.4	19.0	18.8	18.5	18.7	19.6	19.8	20.4
60	15.3	15.1	14.6	14.6	14.4	14.2	13.8	13.7	13.2	13.0	12.2	12.1	11.7	11.6	11.2	11.3	11.3	11.3	11.3
65	10.9	10.7	10.4	10.3	10.1	10.1	9.65	9.89	9.53	9.22	8.56	8.50	8.23	8.09	7.78	7.92	8.01	8.15	7.97
70	6.22	6.19	5.95	5.96	5.79	5.72	5.43	5.42	5.16	4.88	4.50	4.36	4.18	4.10	3.95	3.96	4.03	4.12	4.06
75	4.31	3.82	3.71	3.65	3.53	3.42	3.22	3.12	2.93	2.70	2.48	2.32	2.20	2.10	1.97	1.95	1.99	2.00	1.93
80	1.82	1.50	1.46	1.40	1.35	1.26	1.12	0.97	0.92	0.80	0.70	0.59	0.58	0.48	0.51	0.45	0.50	0.45	0.45
85	0.79	0.61	0.64	0.57	0.59	0.45	0.46	0.36	0.36	0.24	0.27	0.22	0.24	0.18	0.22	0.17	0.23	0.20	0.22
90	0.23	0.20	0.19	0.18	0.18	0.15	0.15	0.15	0.14	0.13	0.14	0.13	0.14	0.13	0.15	0.15	0.15	0.14	0.14

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:03 July 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 LSC6W500LR UNI

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.70V I:0.0576A P:12.200W PF:0.9171 Freq:49.99Hz Lamp Flux:508.988x2 lm		
NAME: Gunnsy 2x5W LED	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	2357	2357	2355	2355	2352	2353	2353	2350	2350	2354	2352	2350	2354	2350	2352	2350	2350		
5	2225	2236	2236	2248	2254	2266	2274	2284	2290	2304	2312	2324	2328	2341	2345	2353	2353		
10	1812	1832	1843	1870	1882	1916	1927	1955	1966	1989	2002	2013	2023	2043	2048	2062	2059		
15	1429	1450	1459	1493	1511	1552	1566	1602	1617	1655	1667	1697	1704	1723	1723	1738	1730		
20	833	858	869	900	920	954	971	1004	1016	1046	1058	1083	1093	1120	1127	1145	1143		
25	515	538	549	572	586	614	623	648	658	681	689	711	719	737	742	764	762		
30	232	236	244	257	265	276	280	287	291	302	309	323	331	342	346	356	353		
35	132	139	143	151	155	162	163	169	170	178	184	193	195	202	214	212	217		
40	58.9	62.1	62.1	67.3	69.4	73.7	73.8	79.7	81.3	86.4	89.4	94.5	96.9	100	101	103	103		
45	40.5	41.3	41.4	43.1	43.5	45.7	46.0	48.5	49.1	50.6	50.7	53.2	56.1	61.3	63.5	65.0	65.2		
50	25.4	25.9	26.0	26.8	27.0	28.0	28.6	31.0	30.7	30.8	30.5	31.5	31.7	32.6	32.9	35.0	34.6		
55	18.6	19.0	19.1	19.6	19.8	20.5	21.0	21.9	22.5	22.5	22.3	22.9	23.1	23.4	23.7	25.7	24.6		
60	11.2	11.5	11.5	12.0	12.0	12.6	12.8	13.2	13.3	13.8	13.8	14.1	14.4	14.8	14.8	15.2	15.3		
65	7.83	8.08	8.11	8.37	8.49	8.87	9.07	9.43	9.55	9.95	9.98	10.3	10.4	10.7	10.6	10.9	10.9		
70	4.02	4.15	4.21	4.43	4.57	4.82	4.98	5.25	5.30	5.49	5.58	5.74	5.84	5.98	6.01	6.22	6.25		
75	1.98	2.04	2.11	2.26	2.43	2.56	2.78	3.11	3.01	3.11	3.22	3.38	3.50	3.62	3.72	3.88	4.30		
80	0.52	0.47	0.56	0.54	0.67	0.67	0.84	0.98	0.92	0.92	1.09	1.14	1.26	1.29	1.41	1.47	1.73		
85	0.24	0.19	0.24	0.22	0.27	0.22	0.34	0.37	0.37	0.36	0.42	0.40	0.52	0.49	0.60	0.59	0.76		
90	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.13	0.14	0.13	0.15	0.15	0.18	0.17	0.23		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
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 Operators:LQL  
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g Range: 0 - 90DEG  
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