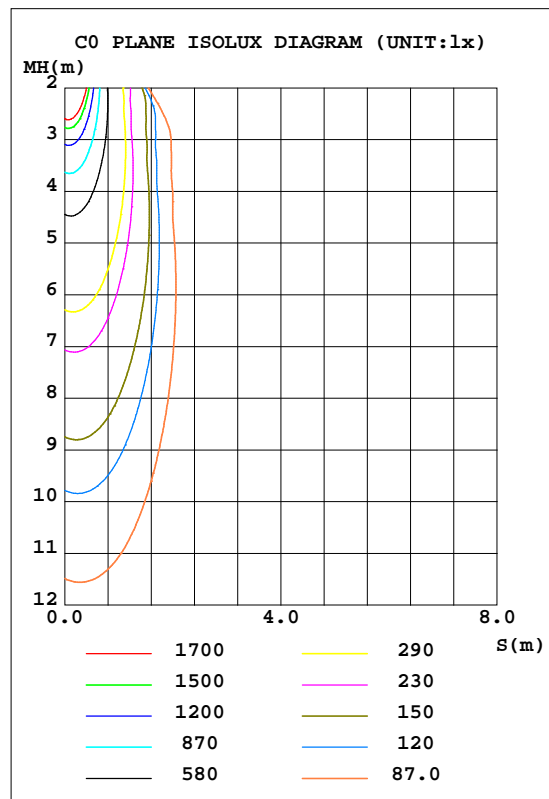
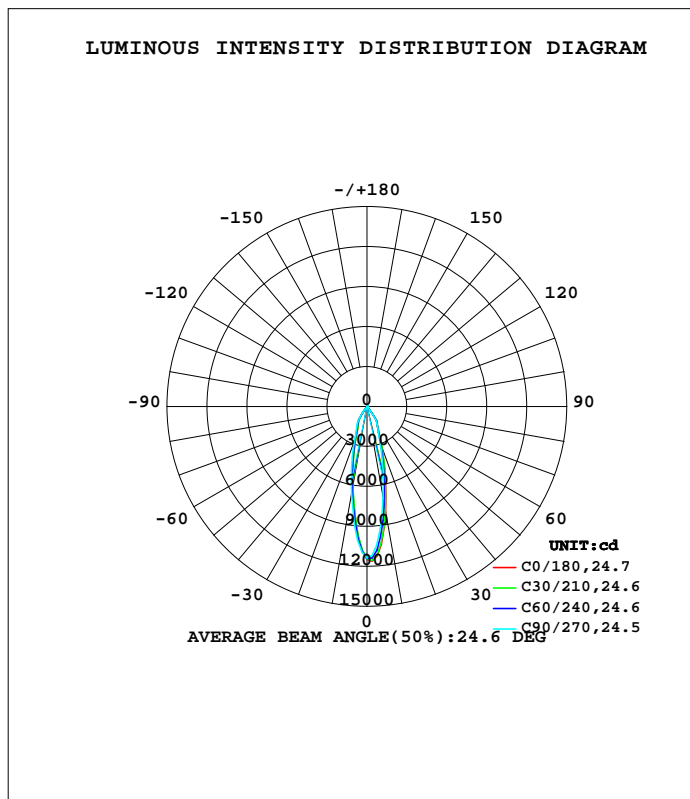


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.35 lm/W			
MODEL	1980CCT-Q5	I _{max} (cd)	11616	S/MH(C0/180)	0.37
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3570.4	h UP, DN(C0-180)	0.0,51.4
NOMINAL FLUX(lm)	3570.36	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,48.6
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	h down(%)	100.0	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 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: ZG6CGD RS-38-900

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

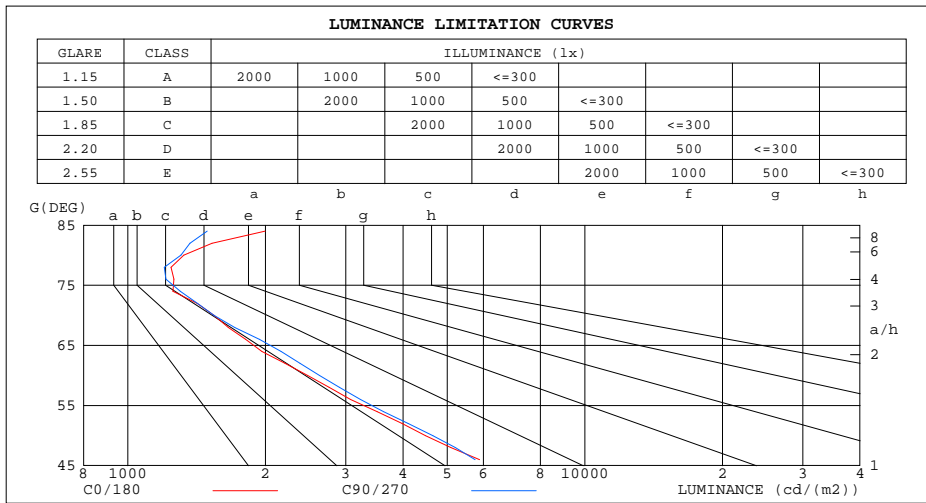
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	802.7	773.9	701.7	640.7	617.4	624.6	664.4	737.6	0- 10	844.3	844.3	23.6,23.6
20	334.5	320.8	292.4	263.1	243.2	251.5	277.8	308.4	10- 20	1267	2112	59.1,59.1
30	157.0	157.0	153.5	138.1	126.4	130.5	145.5	154.8	20- 30	903.0	3015	84.4,84.4
40	25.76	19.75	7.834	5.788	4.806	5.059	6.684	19.79	30- 40	493.8	3508	98.3,98.3
50	2.667	2.803	2.767	2.333	2.037	2.170	2.564	2.732	40- 50	35.22	3544	99.3,99.3
60	1.147	1.211	1.217	1.031	0.8631	0.9382	1.103	1.177	50- 60	15.12	3559	99.7,99.7
70	0.4888	0.5101	0.4887	0.4230	0.3560	0.3799	0.4548	0.4809	60- 70	7.143	3566	99.9,99.9
80	0.2133	0.2110	0.2101	0.1789	0.1688	0.1590	0.1757	0.2028	70- 80	3.103	3569	100,100
90	0.0479	0.0498	0.0406	0.0332	0.0288	0.0280	0.0288	0.0361	80- 90	1.288	3570	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:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 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: ZG6CGD RS-38-900

LUMINANCE LIMITATION CURVES

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



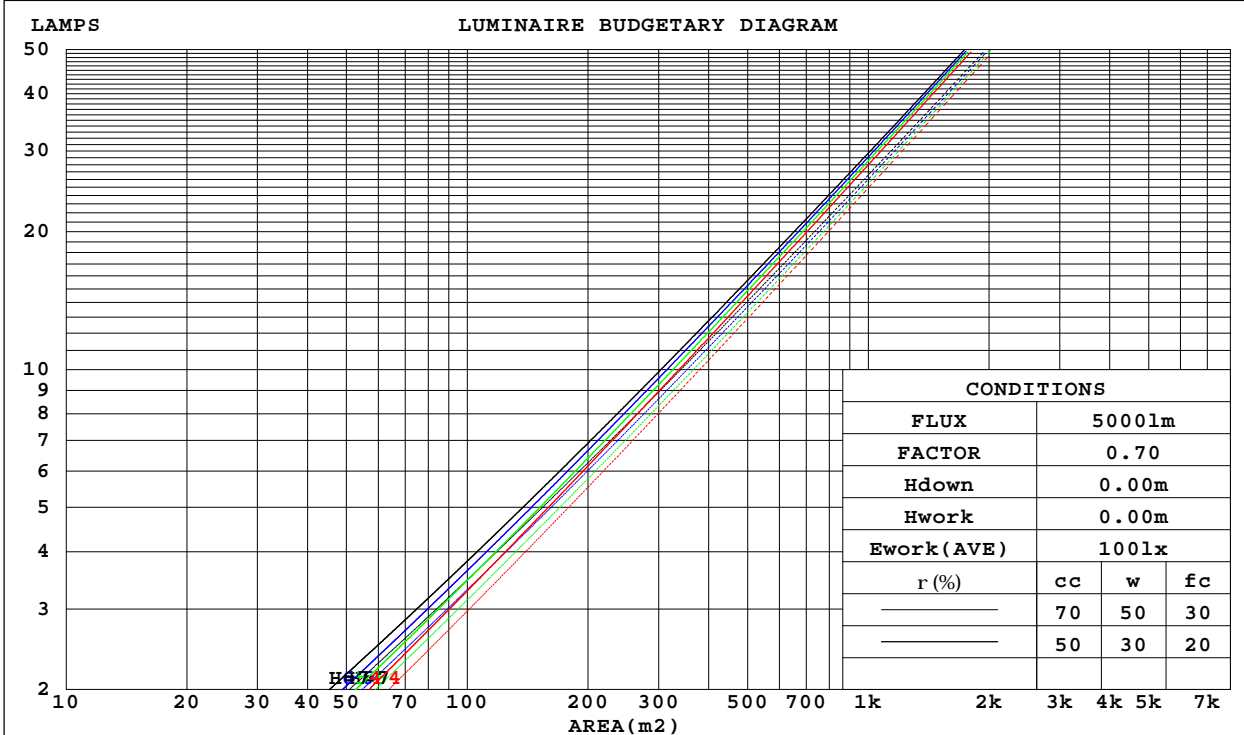
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 June 2023

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: ZG6CGD RS-38-900

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	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	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.91
3.0	.00	.96	.92	.99	.95	.92	.96	.93	.90	.94	.91	.89	.92	.89	.87	.86
4.0	.95	.90	.87	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.76	.75
7.0	.82	.77	.74	.82	.77	.74	.81	.76	.73	.79	.76	.73	.78	.75	.73	.71
8.0	.79	.74	.70	.78	.74	.70	.77	.73	.70	.76	.73	.70	.75	.72	.70	.68
9.0	.76	.71	.67	.75	.71	.67	.74	.70	.67	.74	.70	.67	.73	.69	.67	.66
10.0	.73	.68	.65	.72	.68	.65	.72	.67	.64	.71	.67	.64	.70	.67	.64	.63



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 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: ZG6CGD RS-38-900

WEC AND CCEC

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT 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	.155	.088	.028	.149	.085	.027	.136	.078	.025	.125	.072	.023	.114	.066	.021	
2.0	.146	.080	.025	.141	.078	.024	.130	.073	.023	.121	.068	.021	.112	.063	.020	
3.0	.138	.073	.022	.133	.071	.022	.125	.068	.021	.117	.064	.020	.109	.060	.019	
4.0	.131	.068	.020	.127	.066	.020	.119	.063	.019	.112	.060	.018	.106	.058	.018	
5.0	.124	.063	.018	.121	.062	.018	.114	.059	.018	.108	.057	.017	.103	.055	.016	
6.0	.118	.059	.017	.115	.058	.017	.110	.056	.016	.104	.054	.016	.099	.052	.016	
7.0	.113	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	.096	.050	.015	
8.0	.108	.053	.015	.106	.052	.015	.101	.051	.014	.097	.049	.014	.093	.048	.014	
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.013	.090	.046	.013	
10.0	.099	.048	.013	.097	.047	.013	.094	.046	.013	.091	.045	.013	.087	.044	.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	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.075	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.094	.066	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.017	.011	.008	.005	
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.092	.057	.034	.079	.049	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 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: ZG6CGD RS-38-900

UGR(Unified Glare Rating) Table

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm										
NAME: Cody Ddown 30W double CCT 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	15.4	16.2	15.7	16.4	16.5	15.0	15.7	15.2	15.9	16.1
3H	15.3	16.0	15.5	16.2	16.4	14.8	15.5	15.1	15.7	15.9
4H	15.2	15.9	15.5	16.1	16.3	14.7	15.4	15.0	15.6	15.8
6H	15.1	15.8	15.4	16.0	16.3	14.6	15.3	14.9	15.5	15.8
8H	15.1	15.7	15.4	16.0	16.2	14.6	15.2	14.9	15.5	15.7
12H	15.0	15.6	15.4	15.9	16.2	14.6	15.2	14.9	15.4	15.7
4H 2H	15.2	15.9	15.5	16.1	16.3	14.7	15.4	15.0	15.6	15.8
3H	15.0	15.6	15.4	15.9	16.2	14.6	15.2	14.9	15.4	15.7
4H	15.0	15.5	15.3	15.8	16.1	14.5	15.0	14.8	15.3	15.6
6H	14.9	15.3	15.2	15.7	16.0	14.4	14.9	14.8	15.2	15.5
8H	14.8	15.3	15.2	15.6	16.0	14.3	14.8	14.7	15.1	15.5
12H	14.8	15.2	15.2	15.5	15.9	14.3	14.7	14.7	15.1	15.5
8H 4H	14.8	15.3	15.2	15.6	16.0	14.3	14.8	14.7	15.1	15.5
6H	14.7	15.1	15.1	15.5	15.9	14.2	14.6	14.7	15.0	15.4
8H	14.7	15.0	15.1	15.4	15.8	14.2	14.5	14.6	14.9	15.4
12H	14.6	14.9	15.1	15.3	15.8	14.1	14.4	14.6	14.9	15.3
12H 4H	14.8	15.2	15.2	15.5	15.9	14.3	14.7	14.7	15.1	15.4
6H	14.7	15.0	15.1	15.4	15.8	14.2	14.5	14.6	14.9	15.4
8H	14.6	14.9	15.1	15.3	15.8	14.1	14.4	14.6	14.8	15.3
Variations with the observer position at spacings:										
S = 1.0H	+ 5.6 / -11.5					+ 6.1 / - 8.5				
1.5H	+ 8.3 / -10.2					+ 8.8 / - 7.3				
2.0H	+ 2.3 / - 1.5					+ 2.1 / - 1.6				

CIE Pub.117, 3570 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.4)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 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: ZG6CGD RS-38-900

UTILIZATION FACTORS TABLE

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

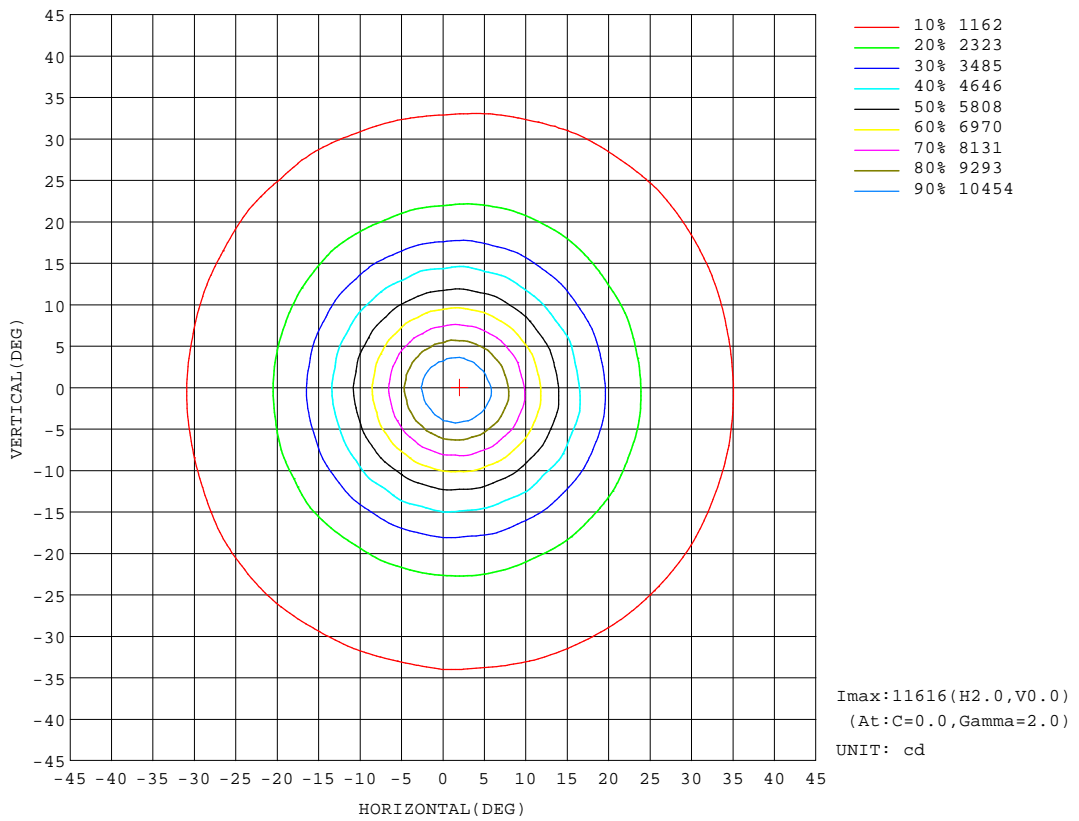
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	91	85	81	90	85	81	89	84	81	78
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	107	103	100	106	102	100	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	107	104	102	96
3.00	113	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	114	112	113	112	110	110	108	107	100
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:30 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: ZG6CGD RS-38-900

ISOCANDELA DIAGRAM

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

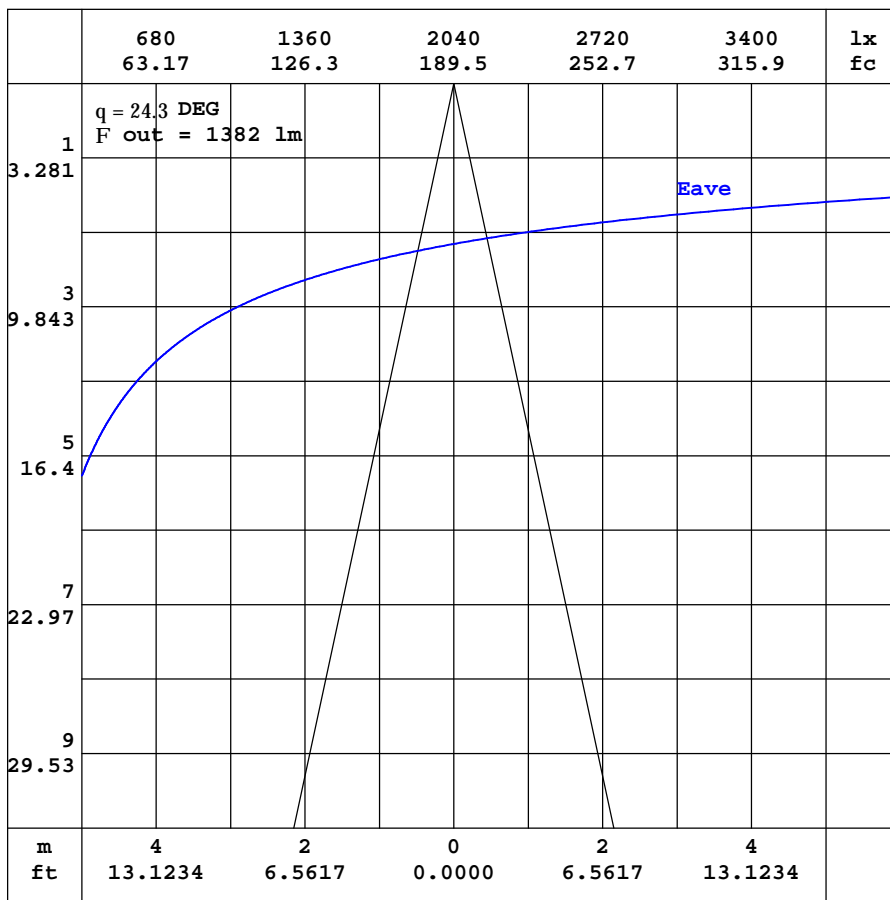


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 June 2023

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: ZG6CGD RS-38-900

AAI CURVES

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



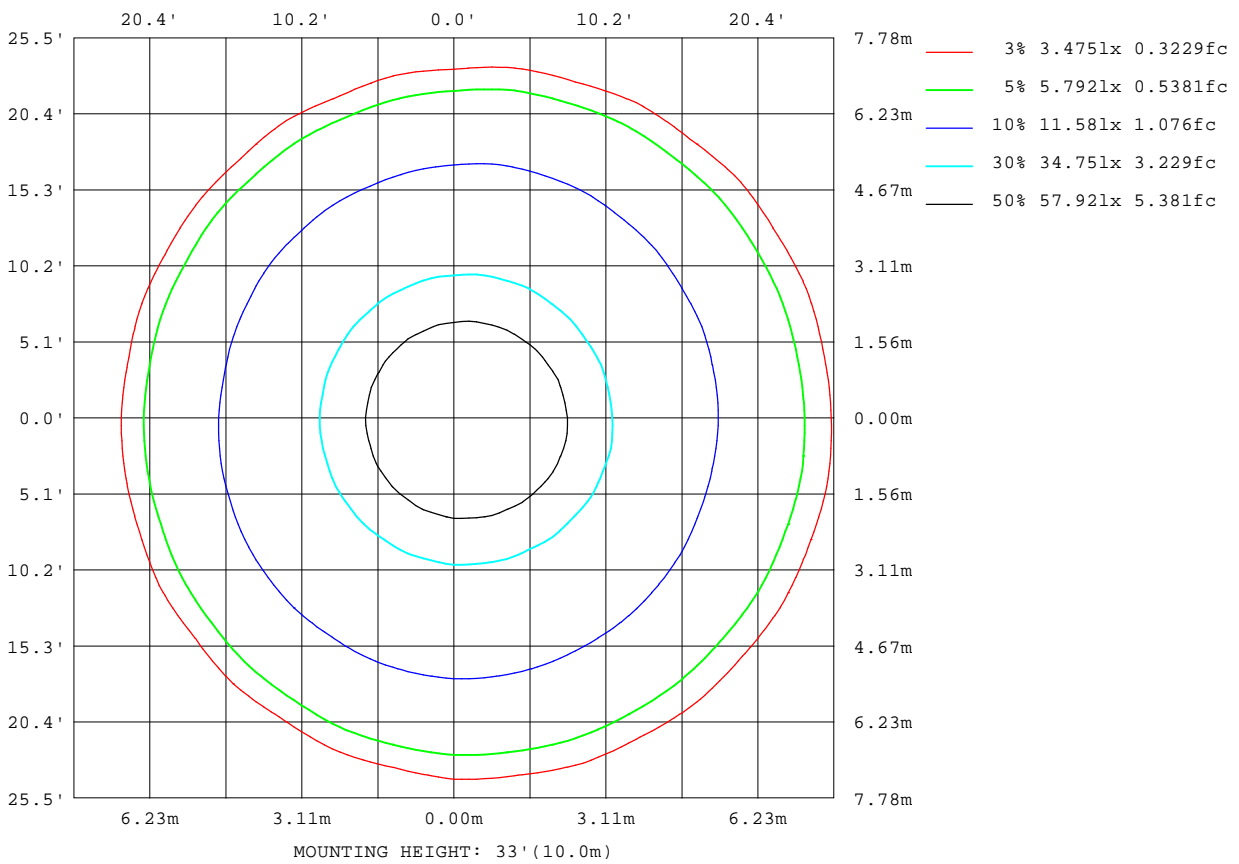
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 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: ZG6CGD RS-38-900

ISOLUX DIAGRAM

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT 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: 30 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: ZG6CGD RS-38-900

LED Avg.L Report

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

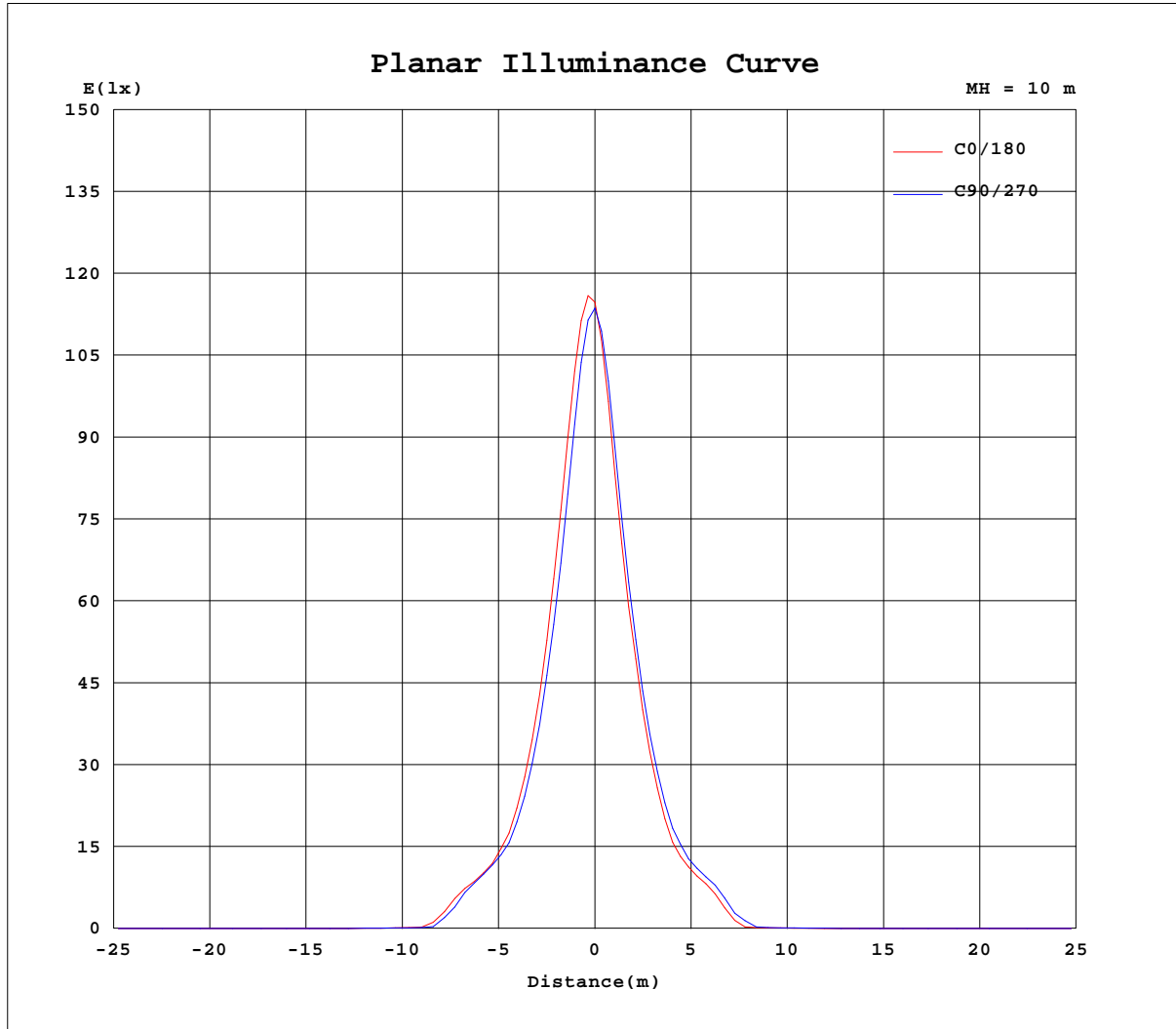
AvgL	cd/m2
L_0~180(65)av	1668
L_0~180(75)av	1108
L_0~180(85)av	1604
L_90~270(65)av	1927
L_90~270(75)av	1217
L_90~270(85)av	1472
L_45(65)av	1782
L_45(75)av	1156
L_45(85)av	1579

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 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: ZG6CGD RS-38-900

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LQL
 Test Date: 30 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: ZG6CGD RS-38-900

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) g (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1148	1143	1145	1143	1143	1141	1141	1138	1139	1136	1137	1136	1135	1136	1135	1137	1135	1139	1148
5	1122	1126	1119	1114	1102	1097	1081	1074	1053	1045	1027	1019	998	999	982	981	967	972	973
10	803	812	801	798	777	771	745	737	712	702	682	674	652	648	634	631	618	619	617
15	578	587	577	575	557	551	532	527	507	508	486	488	465	468	451	448	438	440	438
20	334	338	333	331	323	319	309	306	296	292	284	279	271	267	259	254	247	245	243
25	230	232	228	229	224	223	216	214	217	207	210	199	194	191	186	182	178	176	174
30	157	156	156	158	157	157	156	156	154	154	150	147	143	140	136	133	129	127	126
35	129	128	128	128	127	127	126	125	119	116	108	103	93.1	88.0	79.5	75.7	69.4	67.6	66.5
40	25.8	27.7	25.5	24.9	20.7	18.8	28.1	12.0	21.6	7.83	7.10	6.73	6.38	5.97	5.61	5.29	5.05	4.95	4.81
45	4.77	4.89	4.88	4.91	4.67	4.65	4.44	4.44	4.34	4.27	4.14	4.02	3.87	3.74	3.58	3.49	3.39	3.34	3.30
50	2.67	2.72	2.72	2.78	2.79	2.82	2.80	2.82	2.77	2.77	2.67	2.62	2.49	2.40	2.27	2.21	2.11	2.07	2.04
55	1.91	1.93	1.94	1.97	2.00	2.01	1.99	2.01	1.97	1.98	1.92	1.87	1.78	1.72	1.63	1.58	1.51	1.47	1.45
60	1.15	1.15	1.16	1.19	1.20	1.22	1.20	1.22	1.21	1.22	1.16	1.14	1.09	1.06	1.00	0.97	0.91	0.89	0.86
65	0.80	0.81	0.80	0.83	0.83	0.85	0.85	0.87	0.87	0.88	0.84	0.82	0.76	0.73	0.70	0.67	0.66	0.64	0.63
70	0.49	0.49	0.49	0.50	0.51	0.51	0.51	0.51	0.49	0.49	0.48	0.47	0.45	0.43	0.41	0.40	0.38	0.37	0.36
75	0.32	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.33	0.33	0.32	0.29	0.28	0.28	0.27	0.28	0.26	0.26
80	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.21	0.22	0.20	0.19	0.18	0.18	0.17	0.17	0.17	0.17
85	0.19	0.19	0.20	0.20	0.20	0.19	0.18	0.17	0.16	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.12	0.10
90	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LQL
 Test Date:30 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: ZG6CGD RS-38-900



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.62V I:0.1555A P:34.546W PF:0.9630 Freq:49.99Hz Lamp Flux:3570.36x1 lm		
NAME: Cody Ddown 30W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

C(DEG) g (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1143	1145	1143	1143	1141	1141	1138	1139	1136	1137	1136	1135	1136	1135	1137	1135	1139		
5	962	972	967	978	976	991	990	1008	1010	1029	1036	1056	1064	1080	1087	1103	1107		
10	612	617	615	624	625	639	639	657	664	684	694	715	726	749	760	781	782		
15	433	438	436	444	445	456	456	478	477	499	497	521	522	537	543	562	565		
20	240	243	243	251	252	261	264	272	278	289	294	302	305	312	315	326	328		
25	172	174	176	180	182	185	187	192	203	203	214	210	220	217	219	226	226		
30	125	125	127	129	132	135	138	142	145	150	152	154	154	156	156	157	156		
35	63.0	66.0	65.2	70.2	71.7	79.8	83.2	92.5	97.8	109	113	120	122	127	127	128	128		
40	4.55	4.65	4.63	4.95	5.17	5.63	5.84	6.32	6.68	7.10	7.49	9.19	23.9	15.7	30.0	22.4	23.0		
45	3.24	3.31	3.32	3.41	3.47	3.61	3.69	3.87	3.92	4.06	4.11	4.30	4.46	4.64	4.57	4.77	4.65		
50	2.02	2.06	2.08	2.15	2.19	2.29	2.35	2.50	2.56	2.66	2.68	2.74	2.72	2.74	2.70	2.71	2.65		
55	1.43	1.45	1.47	1.53	1.57	1.64	1.69	1.77	1.82	1.90	1.93	1.96	1.93	1.95	1.92	1.93	1.91		
60	0.84	0.87	0.87	0.93	0.95	1.01	1.03	1.08	1.10	1.15	1.16	1.19	1.17	1.18	1.16	1.17	1.15		
65	0.63	0.63	0.64	0.65	0.67	0.69	0.72	0.75	0.77	0.81	0.82	0.84	0.83	0.83	0.82	0.82	0.80		
70	0.36	0.36	0.37	0.38	0.38	0.41	0.43	0.44	0.45	0.46	0.47	0.47	0.47	0.49	0.49	0.50	0.49		
75	0.26	0.26	0.27	0.26	0.27	0.26	0.27	0.29	0.31	0.32	0.34	0.33	0.33	0.32	0.33	0.33	0.32		
80	0.17	0.16	0.17	0.16	0.16	0.16	0.18	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.20	0.21		
85	0.11	0.10	0.10	0.11	0.11	0.11	0.12	0.11	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.17	0.18		
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	0.04	0.04	0.04	0.04	0.04		

C Range: 0 - 360DEG	g Range: 0 - 90DEG
C Interval: 10.0DEG	g Interval: 2.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.403
Temperature:25.3DEG	Humidity:65.0%
Operators:LQL	Test Distance:10.365m [K=1.0000]
Test Date:30 June 2023	Remarks: ZG6CGD RS-38-900