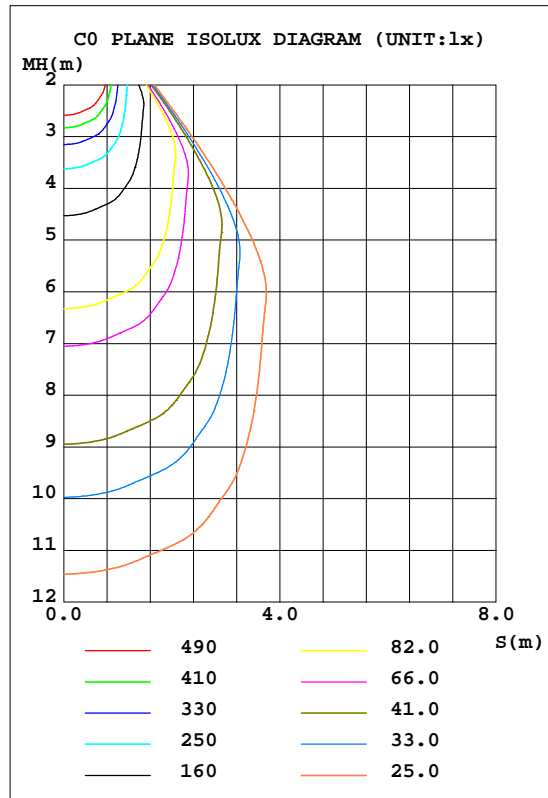
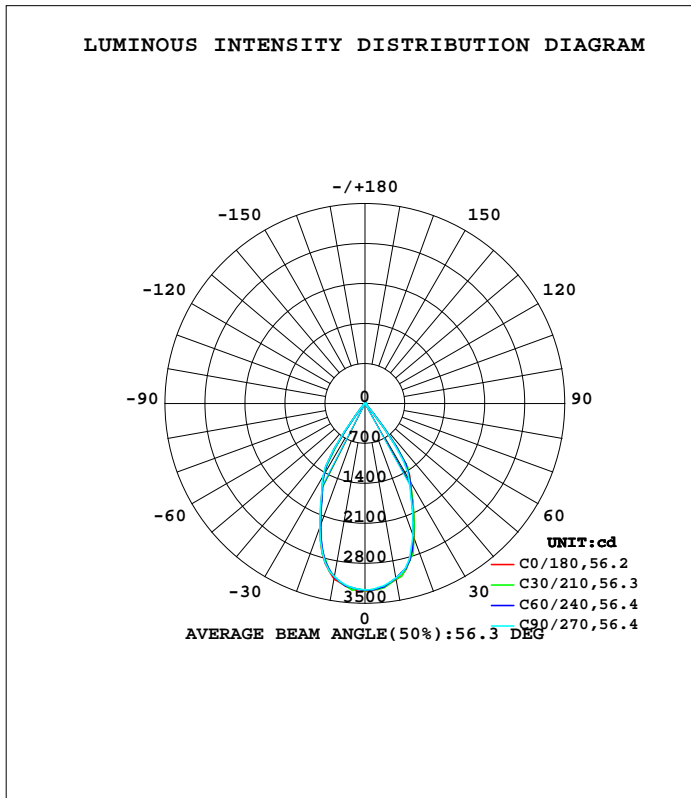


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 50.33 lm/W
MODEL	2058CCT-Q5	I <sub>max</sub> (cd)	3299	S/MH(C0/180)	0.82	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.82	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2597.8	h UP, DN(C0-180)	0.0, 51.3	
NOMINAL FLUX(lm)	2597.76	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 48.7	
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	230	h down(%)	100.0	CIBSE SHR MAX	0.90	



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:19 August 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: ZG6CGD34 HEP G5S40W700LRP

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

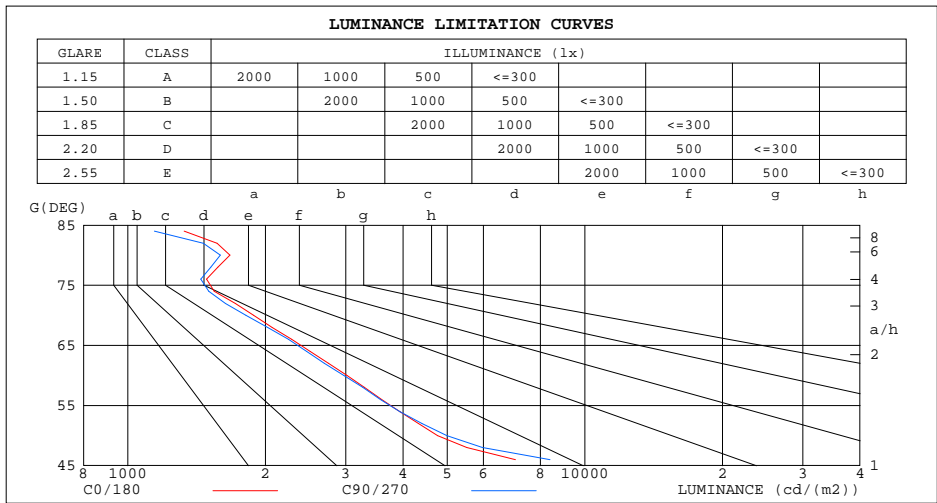
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3132	3106	3104	3078	3125	3074	3080	3096	0- 10	303.8	303.8	11.7,11.7
20	2520	2516	2458	2365	2316	2289	2312	2385	10- 20	785.5	1089	41.9,41.9
30	1593	1613	1553	1482	1446	1417	1471	1547	20- 30	871.9	1961	75.5,75.5
40	213.7	252.8	232.0	209.0	150.7	143.5	206.8	219.1	30- 40	549.4	2511	96.6,96.6
50	28.34	28.99	29.71	27.61	25.76	25.26	25.83	27.23	40- 50	55.88	2567	98.8,98.8
60	13.97	14.06	13.75	13.12	12.69	12.48	12.48	13.25	50- 60	17.30	2584	99.5,99.5
70	5.968	5.985	5.742	5.394	5.227	5.184	5.215	5.560	60- 70	8.863	2593	99.8,99.8
80	2.689	2.530	2.565	2.267	2.065	1.999	2.162	2.485	70- 80	3.966	2597	100,100
90	0.3945	0.3833	0.3945	0.3089	0.2382	0.2307	0.2307	0.2568	80- 90	1.121	2598	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:19 August 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: ZG6CGD34 HEP G5S40W700LRP

LUMINANCE LIMITATION CURVES

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



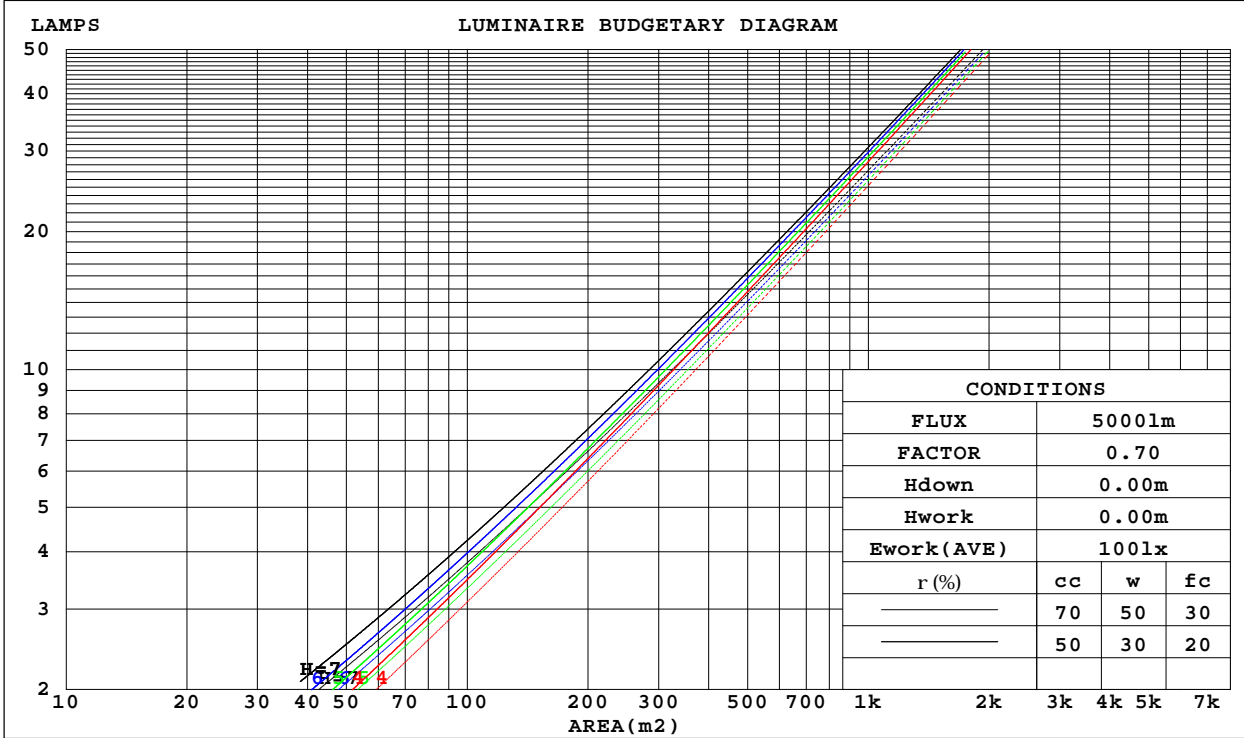
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:19 August 2023

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: ZG6CGD34 HEP G5S40W700LRP

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT 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	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.88	.96	.91	.88	.93	.89	.86	.91	.88	.85	.88	.86	.84	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.79	.84	.81	.78	.77
5.0	.86	.80	.76	.85	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.74	.72
6.0	.81	.75	.71	.80	.74	.70	.78	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.64
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.60
9.0	.68	.62	.58	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.57
10.0	.65	.59	.55	.64	.59	.55	.63	.58	.55	.63	.58	.55	.62	.58	.55	.53



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:19 August 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: ZG6CGD34 HEP G5S40W700LRP

WEC AND CCEC

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W 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	.173	.098	.031	.166	.095	.030	.153	.088	.028	.142	.082	.026	.131	.076	.025	
2.0	.165	.090	.028	.159	.088	.027	.149	.083	.026	.139	.078	.024	.130	.073	.023	
3.0	.157	.083	.025	.152	.081	.025	.143	.078	.024	.135	.074	.023	.127	.070	.022	
4.0	.149	.078	.023	.145	.076	.022	.137	.073	.022	.130	.070	.021	.124	.067	.020	
5.0	.142	.073	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020	.120	.064	.019	
6.0	.136	.068	.020	.133	.067	.019	.127	.065	.019	.122	.063	.019	.116	.061	.018	
7.0	.130	.064	.018	.127	.064	.018	.122	.062	.018	.117	.060	.018	.113	.059	.017	
8.0	.125	.061	.017	.122	.060	.017	.118	.059	.017	.113	.057	.017	.109	.056	.016	
9.0	.120	.058	.016	.118	.057	.016	.113	.056	.016	.109	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.053	.015	.102	.052	.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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.122	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.026	.015	.011	.009	
5.0	.123	.087	.060	.106	.075	.052	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.089	.055	.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:LQL  
 Test Date:19 August 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: ZG6CGD34 HEP G5S40W700LRP

UGR(Unified Glare Rating) Table

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm										
NAME: (KSR)Cody 2x24W 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	17.9	18.8	18.1	18.9	19.1	17.5	18.4	17.7	18.6	18.8
3H	17.7	18.5	18.0	18.7	18.9	17.3	18.2	17.6	18.4	18.6
4H	17.6	18.4	17.9	18.6	18.9	17.3	18.1	17.5	18.3	18.5
6H	17.5	18.3	17.8	18.5	18.8	17.2	17.9	17.5	18.2	18.4
8H	17.5	18.2	17.8	18.5	18.7	17.1	17.9	17.4	18.1	18.4
12H	17.5	18.1	17.8	18.4	18.7	17.1	17.8	17.4	18.0	18.3
4H 2H	17.6	18.4	17.9	18.6	18.8	17.3	18.1	17.5	18.3	18.5
3H	17.5	18.1	17.8	18.4	18.7	17.1	17.8	17.4	18.0	18.3
4H	17.4	18.0	17.7	18.3	18.6	17.0	17.6	17.4	17.9	18.2
6H	17.3	17.8	17.7	18.2	18.5	16.9	17.5	17.3	17.8	18.1
8H	17.2	17.7	17.6	18.1	18.5	16.9	17.4	17.3	17.7	18.1
12H	17.2	17.6	17.6	18.0	18.4	16.8	17.3	17.2	17.7	18.1
8H 4H	17.2	17.7	17.6	18.1	18.4	16.9	17.4	17.3	17.7	18.1
6H	17.1	17.5	17.6	17.9	18.4	16.8	17.2	17.2	17.6	18.0
8H	17.1	17.5	17.5	17.9	18.3	16.7	17.1	17.2	17.5	18.0
12H	17.0	17.3	17.5	17.8	18.3	16.7	17.0	17.1	17.4	17.9
12H 4H	17.2	17.6	17.6	18.0	18.4	16.8	17.3	17.2	17.7	18.0
6H	17.1	17.4	17.5	17.9	18.3	16.7	17.1	17.2	17.5	17.9
8H	17.0	17.3	17.5	17.8	18.3	16.7	17.0	17.1	17.4	17.9
Variations with the observer position at spacings:										
S = 1.0H	+ 5.5 / - 9.3					+ 5.5 / - 9.5				
1.5H	+ 8.2 / - 8.2					+ 8.1 / - 8.5				
2.0H	+ 2.6 / - 1.3					+ 3.7 / - 1.7				

CIE Pub.117, 2598 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.3)

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:19 August 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: ZG6CGD34 HEP G5S40W700LRP

UTILIZATION FACTORS TABLE

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

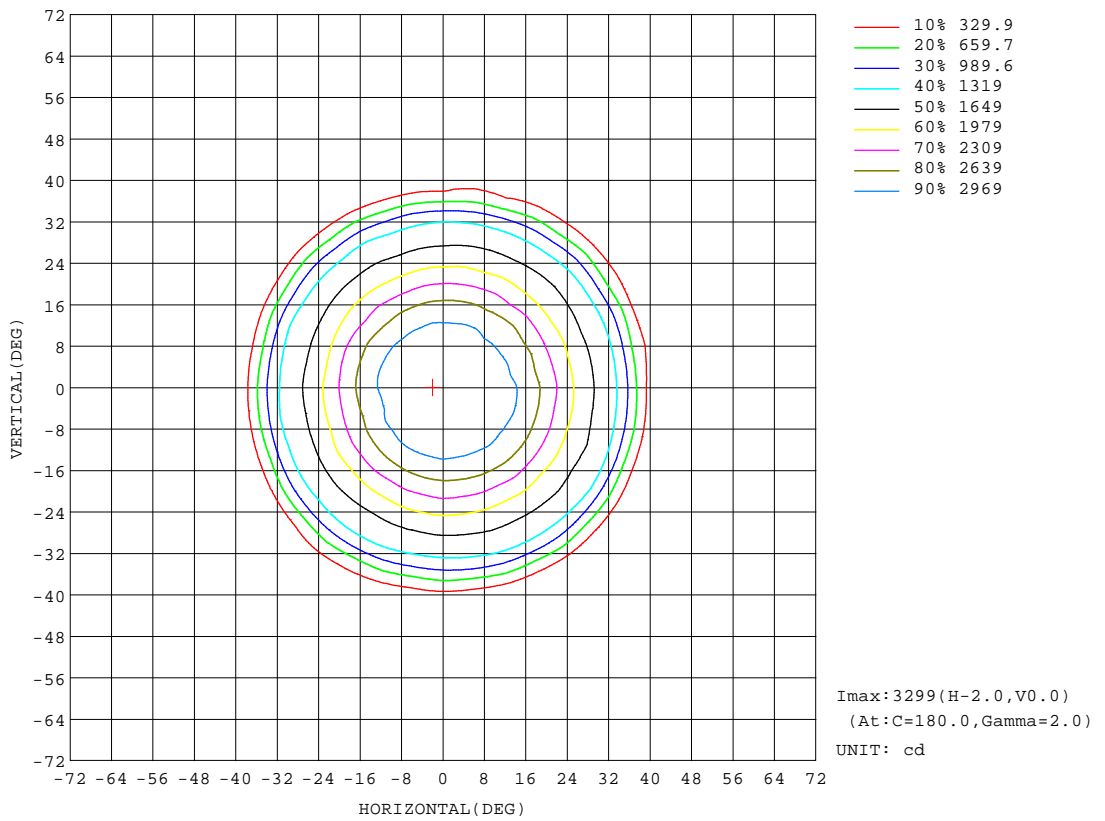
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	100	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	112	110	109	108	107	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:19 August 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: ZG6CGD34 HEP G5S40W700LRP

ISOCANDELA DIAGRAM

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



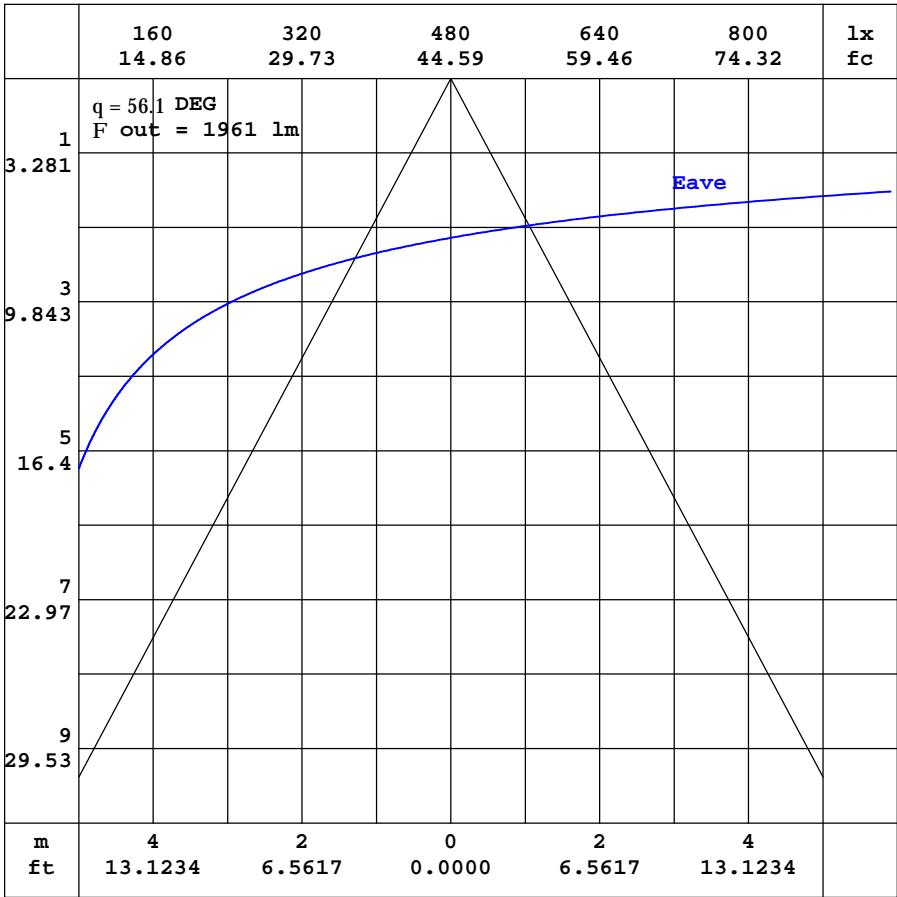
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LQL  
 Test Date: 19 August 2023

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: ZG6CGD34 HEP G5S40W700LRP



AAI CURVES

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



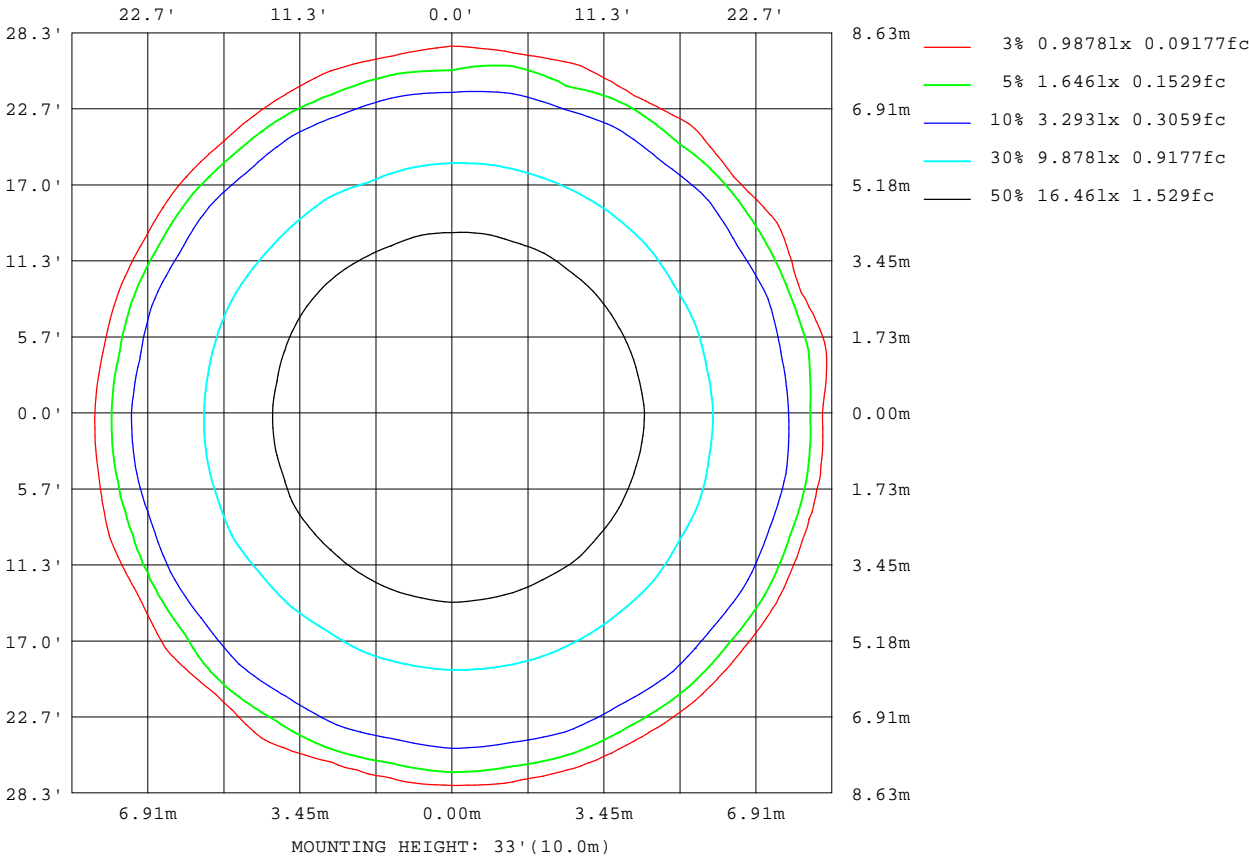
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LQL  
Test Date:19 August 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: ZG6CGD34 HEP G5S40W700LRP

**ISOLUX DIAGRAM**

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W 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:19 August 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: ZG6CGD34 HEP G5S40W700LRP

LED Avg.L Report

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

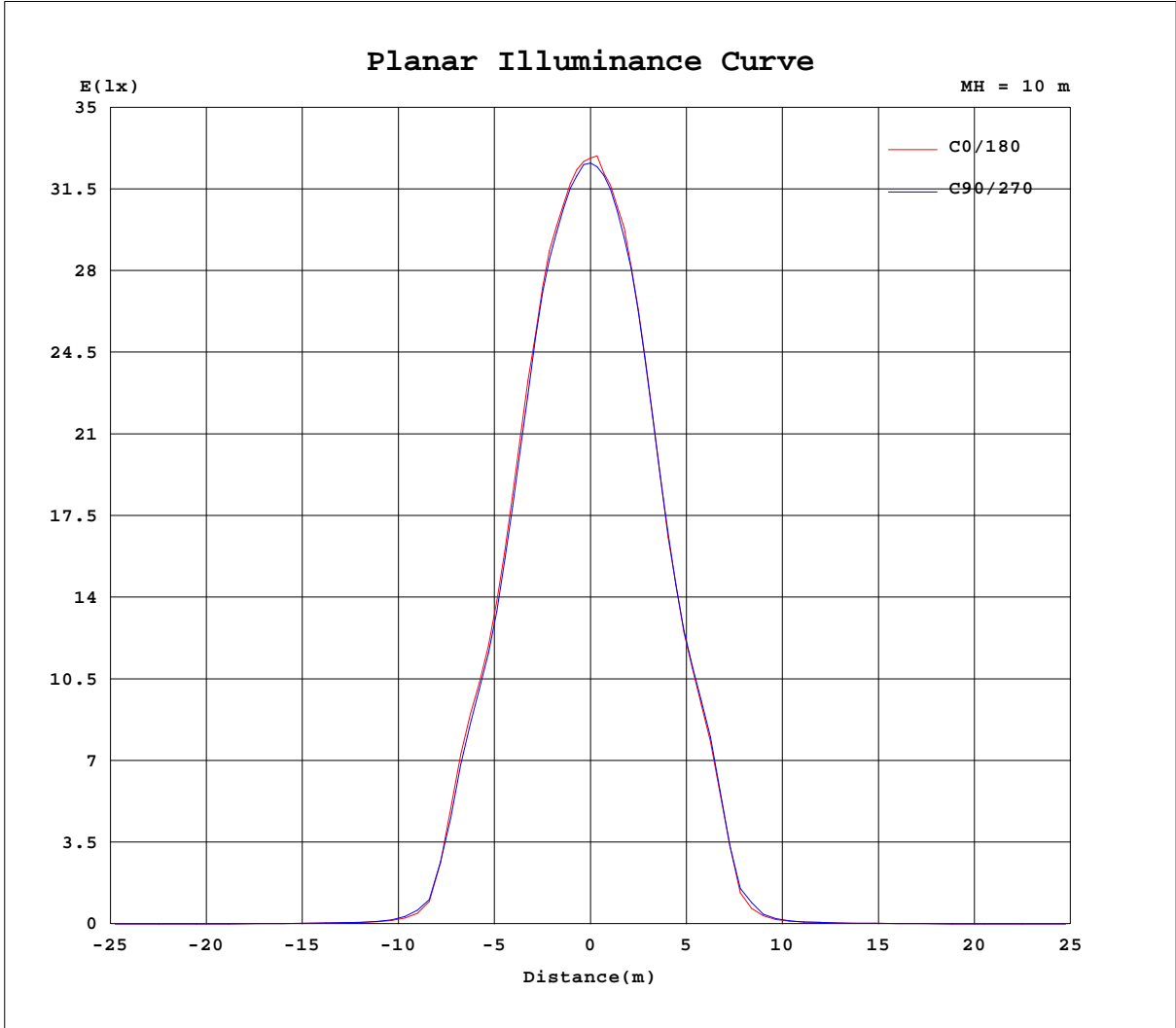
AvgL	cd/m2
L_0~180(65)av	2257
L_0~180(75)av	1517
L_0~180(85)av	1057
L_90~270(65)av	2240
L_90~270(75)av	1523
L_90~270(85)av	1016
L_45(65)av	2246
L_45(75)av	1527
L_45(85)av	1024

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:19 August 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: ZG6CGD34 HEP G5S40W700LRP

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LQL  
Test Date: 19 August 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: ZG6CGD34 HEP G5S40W700LRP

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT 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	3283	3287	3289	3282	3281	3284	3266	3264	3266	3262	3264	3273	3266	3274	3286	3269	3258	3222	3283
5	3258	3266	3258	3266	3278	3258	3248	3254	3236	3230	3235	3215	3207	3236	3240	3224	3247	3241	3241
10	3132	3156	3103	3120	3096	3116	3105	3110	3106	3104	3112	3101	3117	3099	3057	3070	3075	3082	3125
15	2988	2998	2992	2979	2971	2989	2968	2963	2955	2963	2945	2941	2931	2927	2874	2889	2856	2842	2887
20	2520	2504	2523	2503	2520	2512	2477	2465	2440	2458	2406	2393	2360	2382	2348	2347	2321	2299	2316
25	2101	2099	2085	2096	2080	2098	2060	2057	2041	2052	2020	2003	1965	1962	1934	1951	1887	1880	1912
30	1593	1588	1638	1600	1629	1598	1586	1582	1565	1553	1536	1529	1484	1495	1469	1501	1472	1469	1446
35	1276	1297	1321	1338	1298	1284	1272	1267	1232	1201	1158	1169	1147	1113	1070	1045	1013	994	983
40	214	237	235	255	247	258	248	250	235	232	216	211	266	190	228	171	195	155	151
45	68.3	70.5	70.4	73.3	74.1	78.6	80.7	85.8	85.6	88.1	83.3	80.9	74.0	69.9	62.4	60.3	55.6	54.3	53.1
50	28.3	28.7	28.7	28.9	28.8	29.1	29.1	29.5	29.3	29.7	29.3	29.1	28.3	28.0	27.2	26.9	26.1	25.8	25.8
55	21.4	21.7	21.6	21.7	21.5	21.6	21.4	21.5	21.3	21.4	21.1	21.0	20.7	20.5	20.1	20.0	19.6	19.5	19.5
60	14.0	14.2	14.1	14.2	14.0	14.1	13.8	14.0	13.7	13.8	13.5	13.4	13.1	13.2	13.0	12.9	12.6	12.6	12.7
65	10.2	10.4	10.3	10.4	10.2	10.3	10.1	10.2	9.94	10.00	9.74	9.73	9.51	9.55	9.38	9.28	9.11	9.07	9.09
70	5.97	6.08	5.98	6.06	5.94	6.03	5.91	5.89	5.80	5.74	5.62	5.59	5.51	5.44	5.34	5.30	5.20	5.21	5.23
75	3.94	4.04	4.00	4.04	3.94	4.02	3.89	3.91	3.85	3.84	3.72	3.73	3.67	3.73	3.64	3.68	3.64	3.72	3.79
80	2.69	2.74	2.67	2.69	2.56	2.50	2.56	2.54	2.54	2.57	2.51	2.59	2.41	2.36	2.18	2.20	2.15	2.15	2.07
85	1.28	1.31	1.30	1.29	1.23	1.20	1.22	1.17	1.17	1.11	1.12	1.09	1.10	1.03	1.05	1.00	1.02	0.98	0.89
90	0.39	0.39	0.39	0.39	0.38	0.39	0.39	0.37	0.38	0.39	0.35	0.32	0.31	0.31	0.31	0.30	0.32	0.33	0.24

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LQL  
Test Date:19 August 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: ZG6CGD34 HEP G5S40W700LRP

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.51V I:0.2339A P:51.616W PF:0.9570 Freq:49.99Hz Lamp Flux:2597.76x1 lm		
NAME: (KSR)Cody 2x24W double CCT 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	3287	3289	3282	3281	3284	3266	3264	3266	3262	3264	3273	3266	3274	3286	3269	3258	3222		
5	3267	3244	3273	3236	3215	3230	3240	3235	3232	3228	3235	3248	3206	3251	3225	3225	3256		
10	3098	3120	3084	3075	3074	3089	3081	3082	3080	3086	3074	3107	3106	3086	3106	3094	3098		
15	2871	2868	2842	2871	2848	2868	2869	2893	2878	2888	2896	2883	2874	2895	2912	2931	2927		
20	2314	2328	2307	2273	2304	2269	2275	2302	2312	2329	2348	2383	2354	2417	2420	2462	2446		
25	1861	1876	1877	1897	1884	1870	1868	1893	1907	1942	1932	1980	1974	1996	2015	2058	2058		
30	1445	1448	1434	1416	1418	1455	1422	1456	1471	1486	1492	1514	1538	1557	1540	1579	1572		
35	949	944	904	932	900	951	943	995	1003	1042	1065	1101	1116	1198	1175	1249	1266		
40	142	144	137	145	142	157	191	170	207	170	225	176	250	188	272	199	304		
45	49.8	50.7	49.6	52.6	53.1	57.3	58.4	62.3	61.2	65.1	64.9	69.4	68.5	72.1	68.7	69.8	67.2		
50	25.2	25.3	25.1	25.3	25.2	25.8	25.8	26.1	25.8	26.2	26.1	26.8	26.9	27.5	27.5	27.9	27.8		
55	19.1	19.2	19.1	19.3	19.1	19.3	19.2	19.5	19.3	19.6	19.6	20.0	20.0	20.5	20.6	21.0	20.9		
60	12.3	12.5	12.4	12.5	12.4	12.5	12.4	12.6	12.5	12.7	12.7	13.0	13.1	13.4	13.4	13.6	13.6		
65	8.94	8.94	8.95	9.01	8.94	9.03	9.01	9.09	9.08	9.21	9.24	9.51	9.53	9.72	9.76	10.0	9.99		
70	5.15	5.22	5.13	5.21	5.15	5.21	5.18	5.25	5.21	5.33	5.39	5.47	5.54	5.58	5.65	5.78	5.85		
75	3.87	3.94	4.01	4.01	4.04	4.03	4.01	4.00	3.89	3.87	3.78	3.84	3.81	3.87	3.84	3.87	3.90		
80	2.01	2.00	1.98	2.00	2.00	2.04	2.04	2.12	2.16	2.24	2.24	2.35	2.41	2.56	2.56	2.62	2.56		
85	0.90	0.85	0.89	0.84	0.90	0.85	0.91	0.90	0.96	0.96	0.99	0.98	1.03	1.04	1.13	1.14	1.16		
90	0.23	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.25	0.26	0.27	0.27	0.28		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:19 August 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: ZG6CGD34 HEP G5S40W700LRP