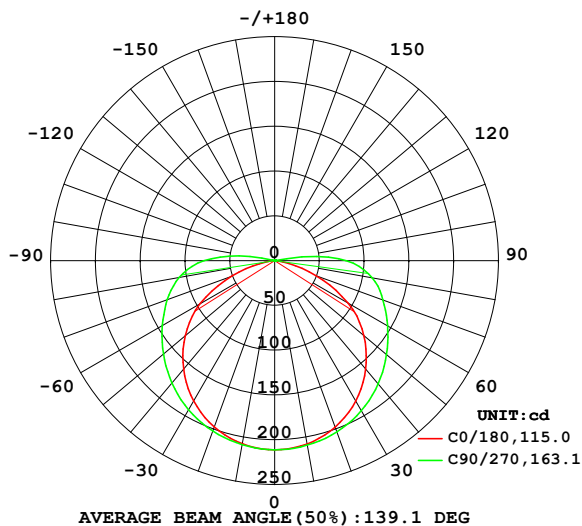


## LUMINAIRE PHOTOMETRIC TEST REPORT

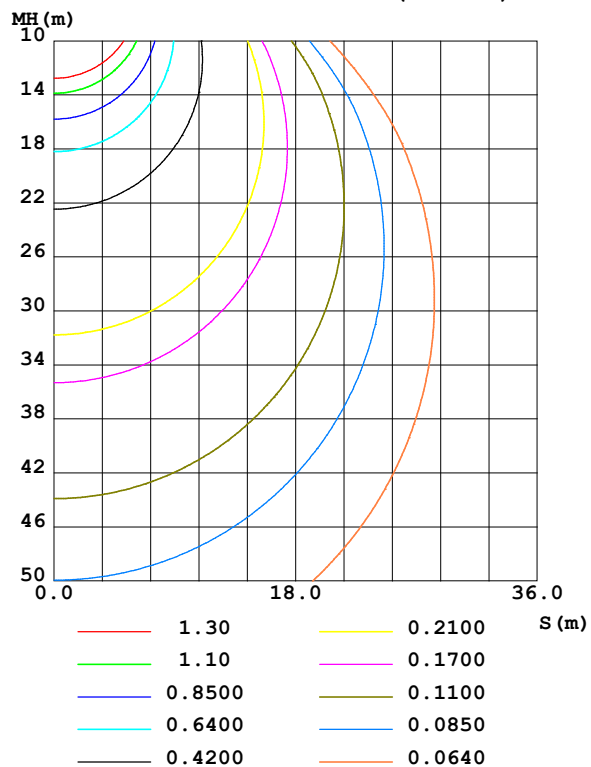
NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 40.34 lm/W
MODEL	RGBW	I <sub>max</sub> (cd)	211.2	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.36	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	821.16	η UP,DN(C0-180)	1.9,48.2	
NOMINAL FLUX(lm)	0.977465	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.1,47.8	
LAMPS INSIDE	840	η up(%)	4.0	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	24	η down(%)	96.0	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-18

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	207.9	208.6	209.2	208.4	207.7	208.1	208.6	208.1	0- 10	20.02	20.02	2.44,2.44
20	197.7	200.7	203.5	200.5	197.5	199.8	202.5	200.0	10- 20	57.90	77.92	9.49,9.49
30	181.1	187.9	193.5	187.7	180.9	186.7	192.2	186.9	20- 30	89.63	167.6	20.4,20.4
40	158.3	170.3	179.8	170.2	158.3	169.1	178.4	169.2	30- 40	111.9	279.5	34,34
50	130.0	149.0	163.2	149.0	130.3	147.9	162.2	147.8	40- 50	122.6	402.0	49,49
60	94.28	125.6	145.6	125.5	96.17	124.5	145.0	124.6	50- 60	121.3	523.3	63.7,63.7
70	49.35	102.9	128.7	102.6	51.07	101.8	127.7	102.1	60- 70	109.1	632.4	77,77
80	9.760	81.98	110.6	82.11	11.05	80.69	108.2	81.11	70- 80	89.99	722.4	88,88
90	0.1516	52.27	79.85	51.34	0.1700	52.40	79.07	51.99	80- 90	66.03	788.4	96,96
100	0.1803	0.4792	14.03	0.5509	0.2119	3.239	28.13	2.127	90-100	29.13	817.5	99.6,99.6
110	0.2457	0.3960	0.5334	0.3920	0.2798	0.3960	1.731	0.3736	100-110	1.620	819.2	99.8,99.8
120	0.3293	0.3960	0.4860	0.3998	0.3531	0.4275	0.4676	0.4288	110-120	0.4097	819.6	99.8,99.8
130	0.4052	0.4353	0.4904	0.4419	0.4263	0.4747	0.4887	0.4683	120-130	0.3872	819.9	99.9,99.9
140	0.4810	0.4877	0.5017	0.4971	0.5021	0.5245	0.5228	0.5131	130-140	0.3691	820.3	99.9,99.9
150	0.5438	0.5375	0.5438	0.5524	0.5700	0.5744	0.5649	0.5657	140-150	0.3320	820.7	99.9,99.9
160	0.5961	0.5952	0.5963	0.5997	0.6197	0.6189	0.6148	0.6156	150-160	0.2686	820.9	100,100
170	0.6405	0.6372	0.6357	0.6340	0.6615	0.6583	0.6594	0.6524	160-170	0.1772	821.1	100,100
180	0.6667	0.6608	0.6620	0.6629	0.6641	0.6661	0.6699	0.6629	170-180	0.0623	821.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 352.5 lm

%lum = 42.9%

%lamp = 42.9%

Conical surface Flux(130deg): 590.78 lm

%lum = 71.9%

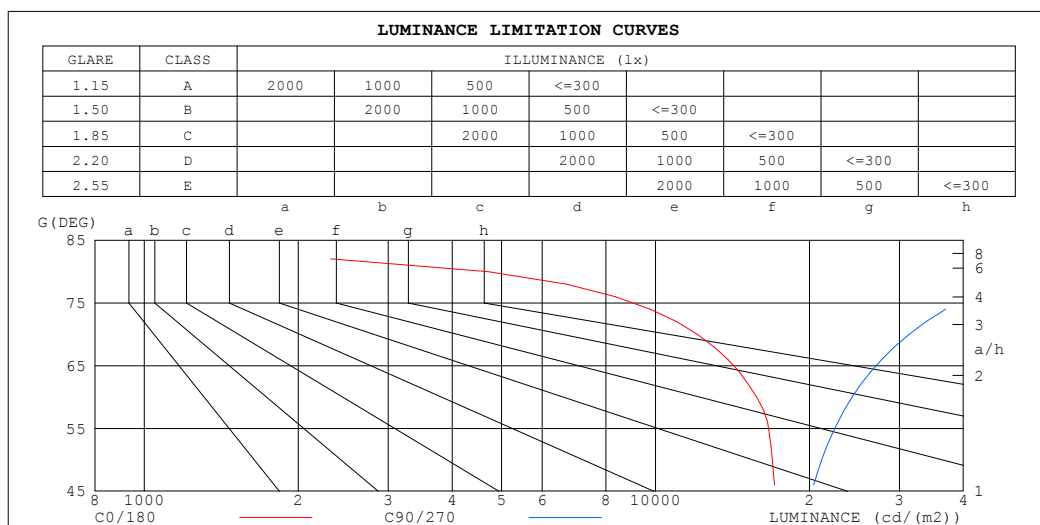
%lamp = 72.0%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	220	95945
80	4702	53019
75	10394	39365
70	12071	31340
65	15129	27330
60	15775	24243
55	17108	22679
50	16921	21137
45	17457	20413

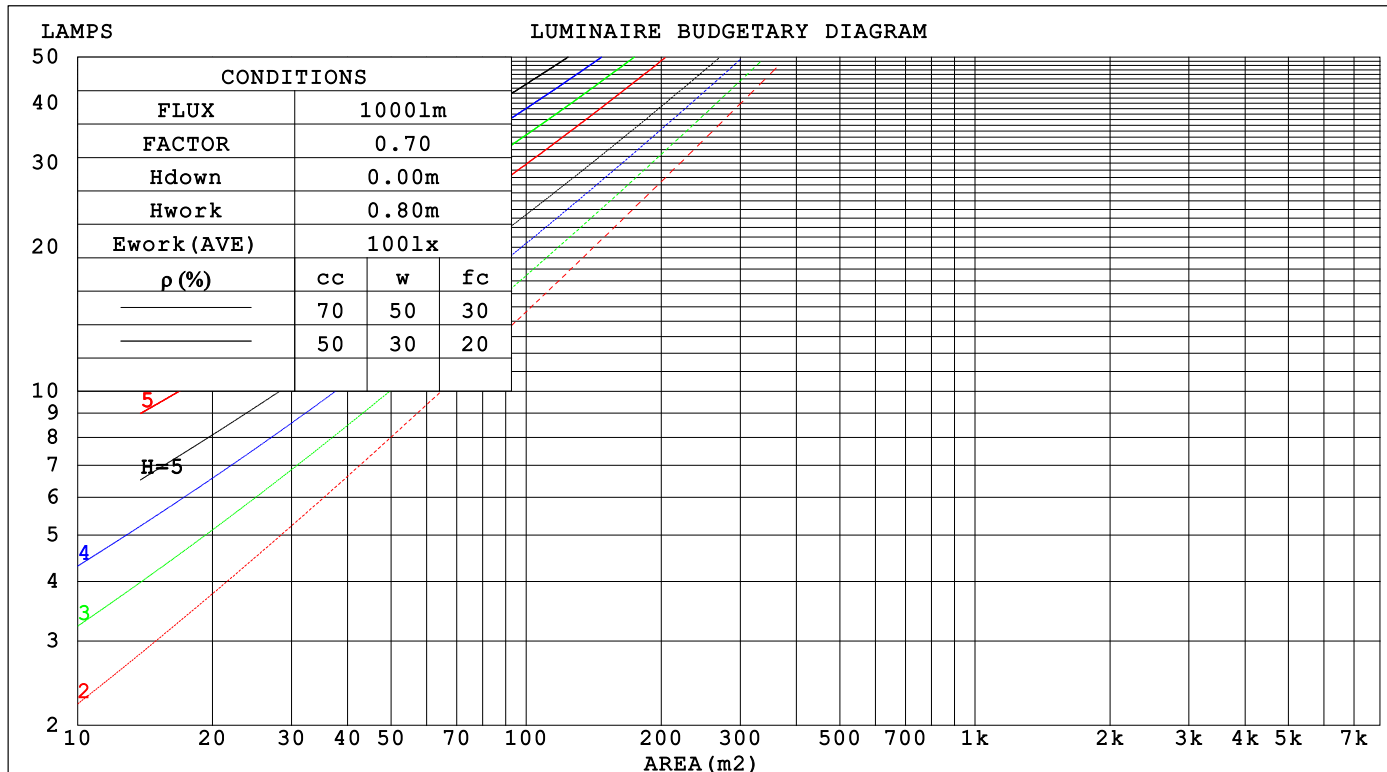
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	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                      Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96
1.0	.98	.93	.88	.96	.90	.86	.90	.86	.82	.86	.82	.79	.81	.79	.76	.73
2.0	.84	.76	.69	.82	.74	.68	.77	.71	.65	.73	.68	.63	.69	.65	.61	.59
3.0	.73	.63	.56	.71	.62	.55	.67	.60	.54	.64	.57	.52	.60	.55	.51	.48
4.0	.64	.54	.47	.62	.53	.46	.59	.51	.45	.56	.49	.44	.53	.48	.43	.40
5.0	.57	.47	.40	.55	.46	.39	.53	.44	.38	.50	.43	.37	.48	.42	.37	.34
6.0	.51	.41	.34	.50	.40	.34	.47	.39	.33	.45	.38	.33	.43	.37	.32	.30
7.0	.46	.36	.30	.45	.36	.30	.43	.35	.29	.41	.34	.29	.39	.33	.28	.26
8.0	.42	.33	.26	.41	.32	.26	.39	.31	.26	.37	.31	.25	.36	.30	.25	.23
9.0	.38	.30	.24	.37	.29	.24	.36	.28	.23	.34	.28	.23	.33	.27	.22	.21
10.0	.35	.27	.21	.34	.27	.21	.33	.26	.21	.32	.25	.21	.31	.25	.20	.18



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-18

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

### WEC AND CCEC

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	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	.399	.227	.072	.390	.223	.071	.374	.215	.069	.360	.208	.067	.346	.201	.065		
2.0	.346	.189	.058	.338	.186	.057	.324	.180	.056	.311	.174	.055	.298	.169	.053		
3.0	.307	.163	.049	.300	.161	.048	.287	.156	.047	.275	.151	.046	.264	.146	.045		
4.0	.276	.143	.042	.270	.141	.042	.258	.137	.041	.248	.133	.040	.238	.129	.039		
5.0	.250	.128	.037	.245	.126	.037	.235	.122	.036	.225	.119	.035	.216	.116	.035		
6.0	.229	.115	.033	.224	.113	.033	.215	.110	.032	.207	.107	.032	.199	.105	.031		
7.0	.211	.104	.030	.207	.103	.029	.198	.100	.029	.191	.098	.028	.184	.095	.028		
8.0	.195	.096	.027	.192	.094	.027	.184	.092	.026	.177	.090	.026	.171	.088	.026		
9.0	.182	.088	.025	.179	.087	.024	.172	.085	.024	.166	.083	.024	.160	.081	.023		
10.0	.170	.082	.023	.167	.081	.023	.161	.079	.022	.155	.077	.022	.150	.075	.022		

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	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.217	.186	.158	.186	.160	.136	.127	.110	.094	.073	.064	.055	.023	.020	.018	
2.0	.210	.163	.122	.180	.140	.106	.123	.097	.074	.071	.056	.043	.023	.018	.014	
3.0	.203	.146	.100	.174	.126	.087	.119	.087	.061	.069	.051	.036	.022	.017	.012	
4.0	.195	.133	.086	.167	.115	.074	.115	.080	.052	.066	.047	.031	.021	.015	.010	
5.0	.187	.123	.075	.160	.106	.066	.110	.074	.046	.064	.044	.028	.021	.014	.009	
6.0	.179	.114	.068	.154	.099	.059	.106	.069	.042	.062	.041	.025	.020	.013	.008	
7.0	.171	.108	.063	.147	.093	.055	.102	.065	.039	.059	.039	.023	.019	.013	.008	
8.0	.165	.102	.059	.142	.088	.051	.098	.062	.036	.057	.037	.022	.018	.012	.007	
9.0	.158	.097	.056	.136	.084	.049	.094	.059	.035	.055	.035	.021	.018	.011	.007	
10.0	.152	.093	.053	.131	.081	.047	.091	.057	.033	.053	.033	.020	.017	.011	.007	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-18

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

NAME: LY840-CSPRGBW-W24-20W-12MM					TYPE:					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.:					SUR.: 0.012*1					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					22.8	24.4	23.1	24.7	25.0	24.4	26.0	24.8	26.3	26.6
3H					24.2	25.7	24.6	26.0	26.4	27.1	28.6	27.5	28.9	29.3
4H					24.7	26.1	25.1	26.5	26.8	28.7	30.1	29.0	30.4	30.8
6H					24.9	26.3	25.3	26.6	27.0	30.3	31.7	30.7	32.0	32.4
8H					24.9	26.2	25.3	26.6	27.0	31.2	32.5	31.6	32.9	33.3
12H					24.9	26.2	25.3	26.5	26.9	32.2	33.5	32.6	33.9	34.3
4H 2H					23.9	25.3	24.3	25.6	26.0	25.1	26.5	25.5	26.8	27.2
3H					25.7	26.9	26.1	27.3	27.7	28.0	29.3	28.5	29.7	30.1
4H					26.4	27.6	26.8	28.0	28.4	29.8	30.9	30.2	31.3	31.8
6H					26.9	28.0	27.4	28.4	28.9	31.7	32.7	32.1	33.1	33.6
8H					27.0	28.0	27.5	28.5	28.9	32.7	33.7	33.2	34.1	34.6
12H					27.1	28.0	27.6	28.5	29.0	33.8	34.7	34.3	35.2	35.7
8H 4H					27.5	28.5	28.0	29.0	29.4	30.2	31.2	30.7	31.6	32.1
6H					28.5	29.3	29.0	29.8	30.3	32.4	33.2	32.9	33.7	34.2
8H					28.9	29.7	29.4	30.2	30.7	33.6	34.4	34.1	34.9	35.4
12H					29.2	29.9	29.7	30.4	30.9	35.0	35.7	35.5	36.2	36.8
12H 4H					27.9	28.8	28.4	29.3	29.8	30.2	31.1	30.7	31.6	32.1
6H					29.1	29.9	29.6	30.4	30.9	32.5	33.3	33.0	33.8	34.3
8H					29.7	30.4	30.3	30.9	31.5	33.9	34.5	34.4	35.0	35.6
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H					+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H					+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H					+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 821.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)  
Area: 0.012 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-18

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

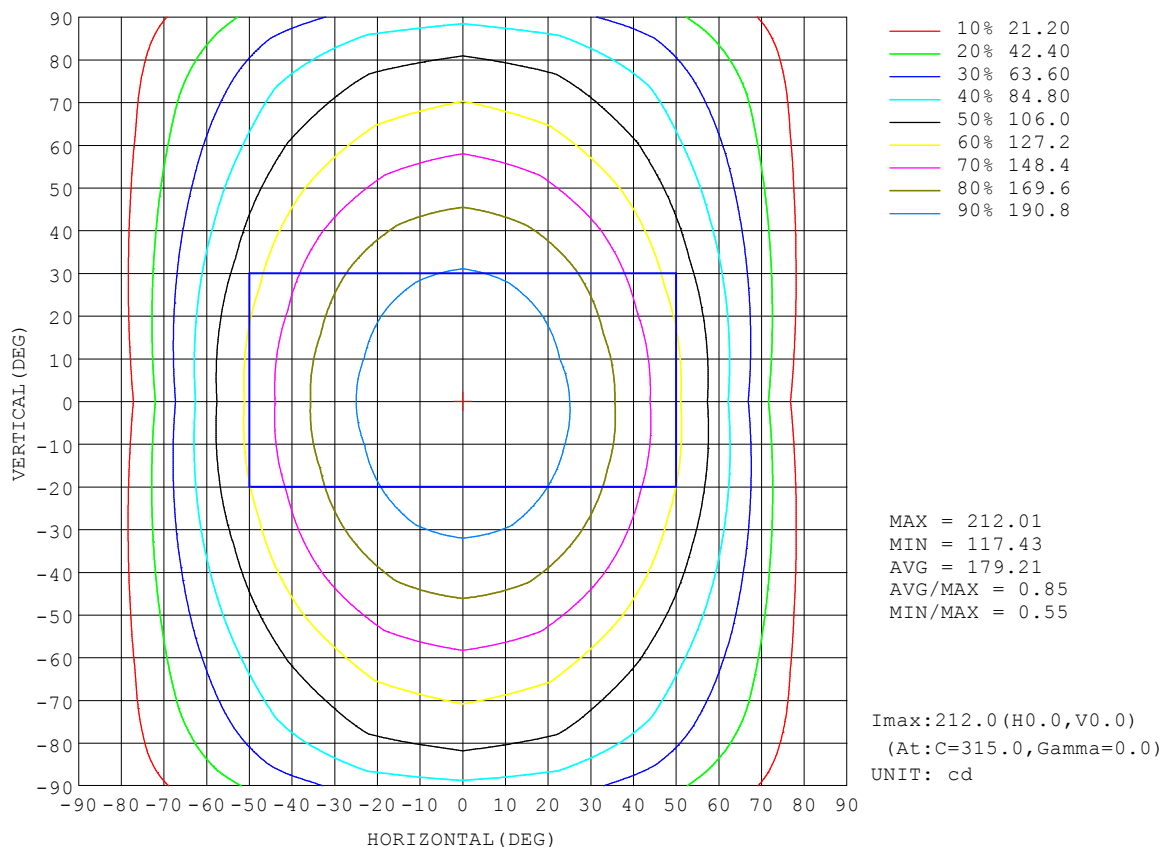
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	39	32	51	39	32	49	38	31	25
0.80	61	48	40	60	48	40	58	47	39	32
1.00	69	56	48	67	55	48	65	57	47	39
1.25	76	63	55	74	63	55	71	61	54	45
1.50	81	69	61	79	68	60	75	66	59	50
2.00	88	77	69	86	76	69	82	73	67	58
2.50	92	83	75	90	81	74	86	78	72	62
3.00	96	87	80	94	85	79	89	82	76	66
4.00	101	93	87	98	91	85	93	87	82	72
5.00	104	97	91	101	95	90	96	91	86	75
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



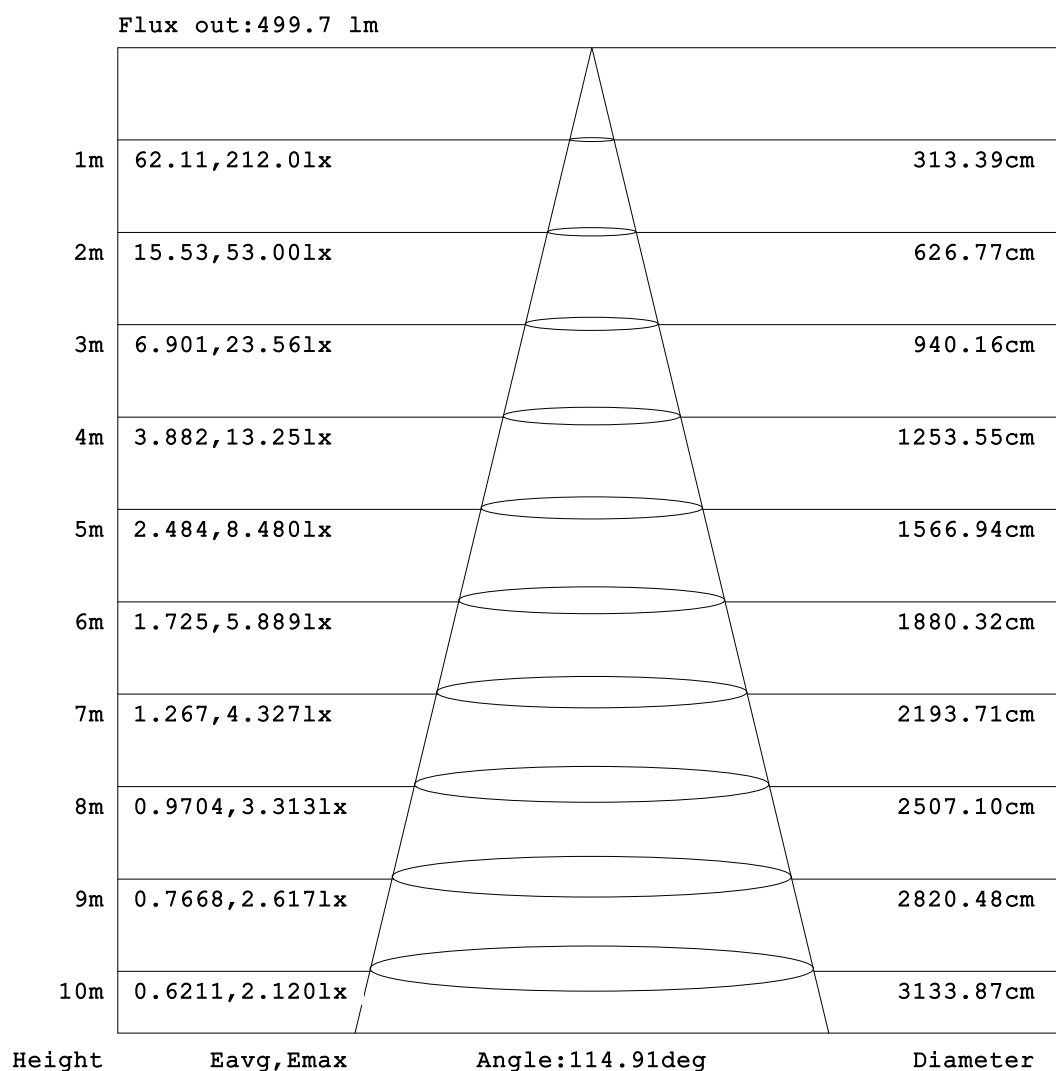
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-18

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:



### AAI Figure

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



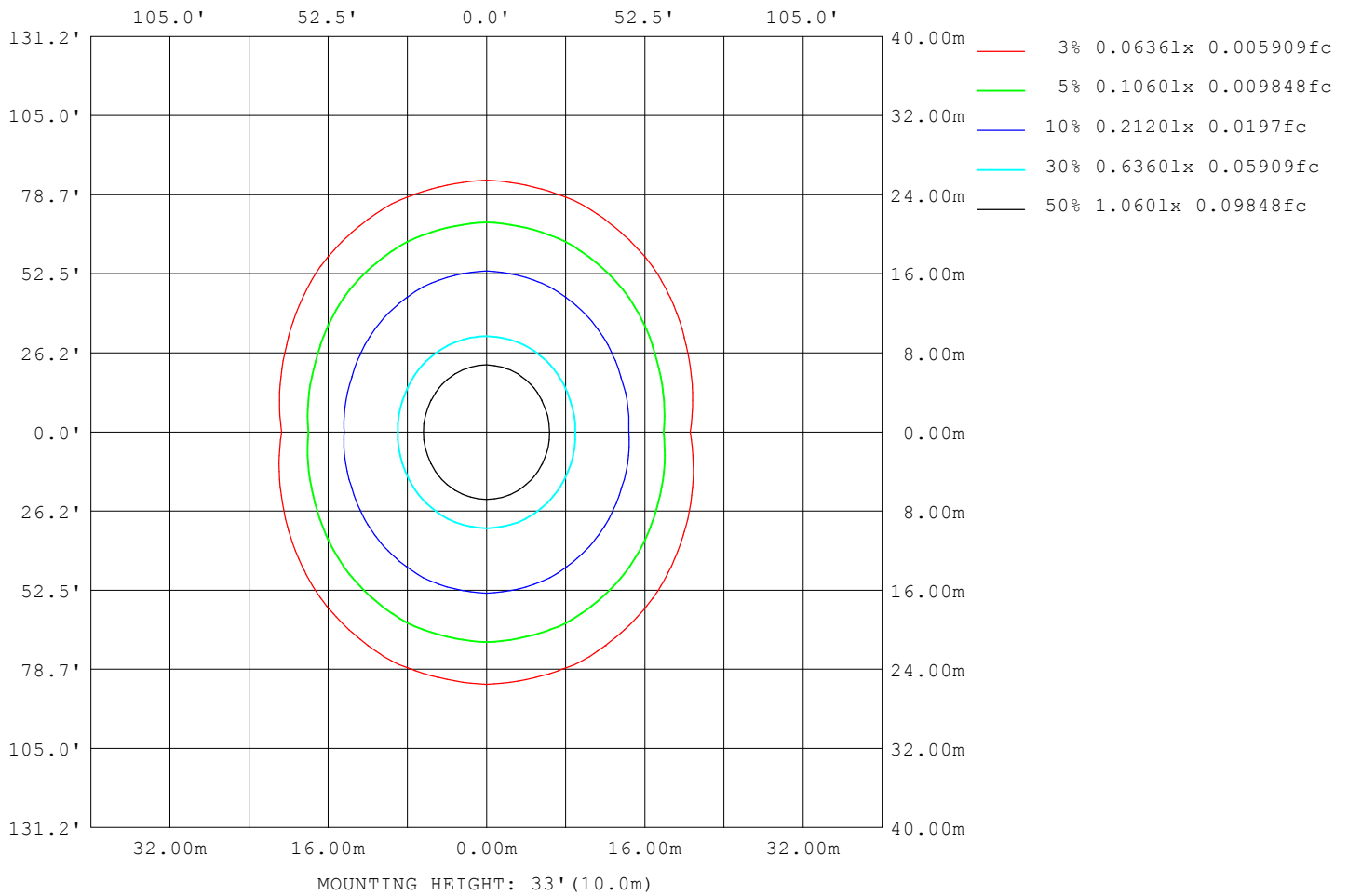
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-08-18

γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity:65.0%  
 Test Distance:6.040m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

### LED Avg.L Report

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

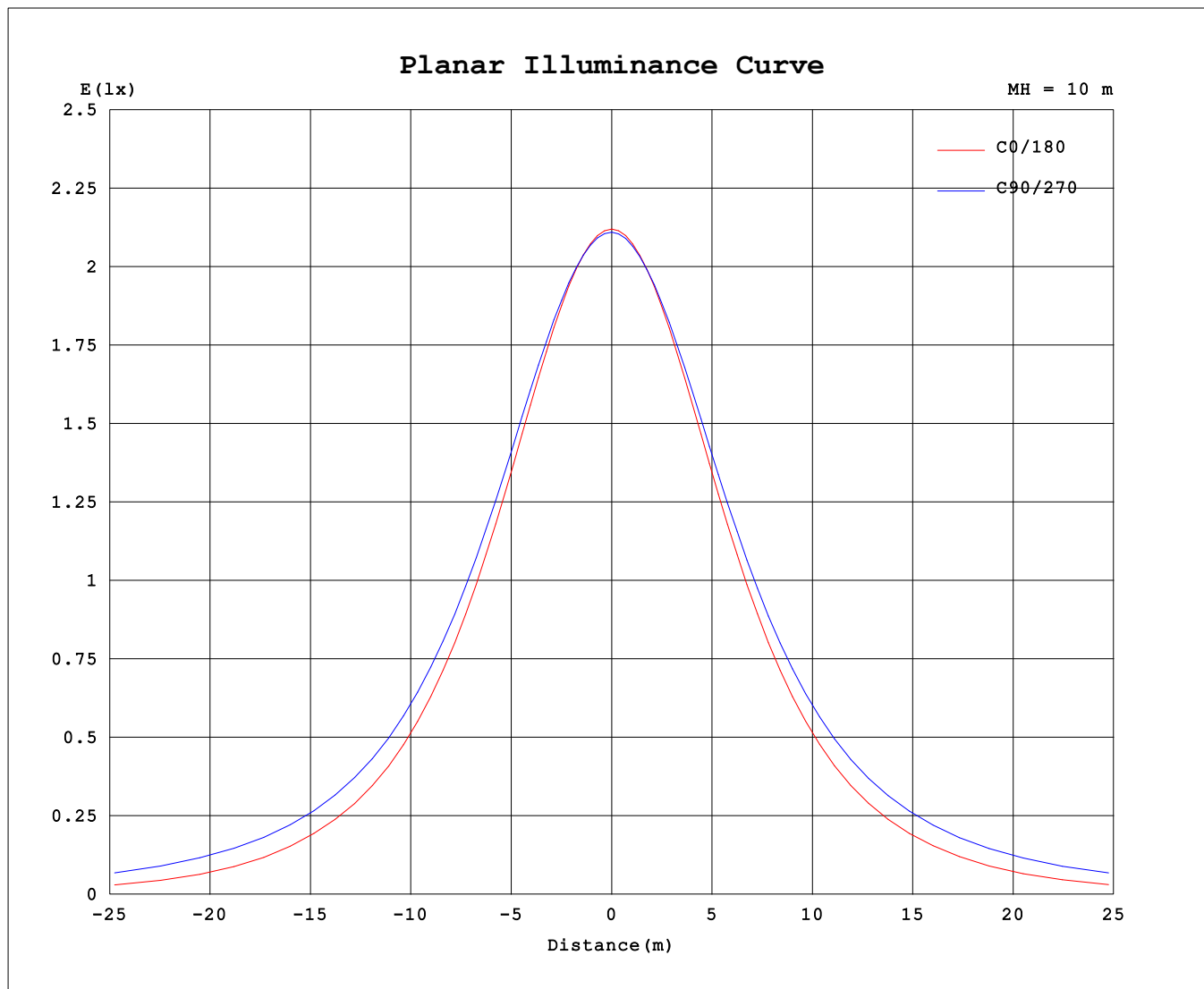
AvgL	cd/m2
L_0~180 (65) av	14348
L_0~180 (75) av	9272
L_0~180 (85) av	41
L_90~270 (65) av	26914
L_90~270 (75) av	38526
L_90~270 (85) av	92317
L_45 (65) av	22388
L_45 (75) av	29627
L_45 (85) av	65519

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-18

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211			
5	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211			
10	208	208	209	209	209	209	208	208	208	208	208	208	209	208	208	208			
15	205	205	206	207	207	207	206	205	204	204	205	206	207	206	205	205			
20	198	199	201	203	204	203	200	198	197	198	200	202	202	202	200	198			
25	192	193	196	199	200	199	196	193	192	192	195	198	199	198	195	192			
30	181	183	188	192	193	192	188	183	181	182	187	190	192	191	187	182			
35	173	176	181	187	188	187	181	175	173	174	180	185	187	185	180	175			
40	158	163	170	177	180	177	170	162	158	161	169	176	178	176	169	161			
45	148	153	162	171	173	171	162	153	148	151	161	169	172	169	161	152			
50	130	137	149	160	163	160	149	137	130	135	148	158	162	158	148	135			
55	117	126	140	152	156	152	140	126	118	124	139	150	155	150	139	124			
60	94.3	108	126	141	146	141	126	108	96.2	106	125	139	145	139	125	106			
65	76.4	95.4	116	133	139	133	116	95.5	78.2	93.7	115	132	138	132	116	93.8			
70	49.3	76.9	103	122	129	122	103	76.9	51.1	75.2	102	121	128	121	102	75.5			
75	32.2	65.2	94.5	115	122	115	94.3	65.2	33.7	63.7	93.3	113	121	113	93.9	64.3			
80	9.76	49.5	82.0	104	111	104	82.1	49.5	11.0	48.5	80.7	101	108	101	81.1	49.3			
85	0.23	40.0	71.8	93.2	100	93.3	72.0	40.0	0.48	39.3	70.7	90.8	98.3	90.8	70.9	40.0			
90	0.15	22.9	52.3	73.6	79.9	74.2	51.3	22.7	0.17	23.0	52.4	71.8	79.1	71.4	52.0	22.7			
95	0.16	2.61	31.7	53.3	60.3	54.6	32.7	5.59	0.18	7.78	35.8	54.2	61.2	53.4	34.7	6.41			
100	0.18	0.26	0.48	7.20	14.0	9.43	0.55	0.27	0.21	0.29	3.24	21.0	28.1	19.5	2.13	0.28			
105	0.21	0.28	0.40	0.52	0.64	0.52	0.40	0.28	0.24	0.30	0.39	0.91	3.64	0.88	0.37	0.28			
110	0.25	0.31	0.40	0.49	0.53	0.48	0.39	0.31	0.28	0.30	0.40	0.45	1.73	0.44	0.37	0.29			
115	0.28	0.34	0.40	0.48	0.50	0.47	0.40	0.34	0.31	0.31	0.41	0.46	0.46	0.43	0.39	0.32			
120	0.33	0.38	0.40	0.46	0.49	0.47	0.40	0.37	0.35	0.35	0.43	0.46	0.47	0.44	0.43	0.36			
125	0.36	0.40	0.41	0.47	0.49	0.48	0.41	0.40	0.38	0.38	0.45	0.46	0.48	0.44	0.44	0.39			
130	0.41	0.44	0.44	0.48	0.49	0.50	0.44	0.45	0.43	0.41	0.47	0.47	0.49	0.45	0.47	0.42			
135	0.43	0.47	0.45	0.50	0.49	0.50	0.46	0.47	0.46	0.44	0.50	0.49	0.50	0.47	0.48	0.45			
140	0.48	0.51	0.49	0.52	0.50	0.53	0.50	0.51	0.50	0.48	0.52	0.51	0.52	0.49	0.51	0.48			
145	0.51	0.53	0.51	0.54	0.52	0.55	0.52	0.53	0.53	0.51	0.54	0.52	0.54	0.50	0.54	0.51			
150	0.54	0.57	0.54	0.56	0.54	0.58	0.55	0.57	0.57	0.54	0.57	0.55	0.56	0.53	0.57	0.54			
155	0.56	0.59	0.56	0.59	0.56	0.59	0.57	0.60	0.59	0.56	0.59	0.57	0.59	0.55	0.59	0.56			
160	0.60	0.62	0.60	0.61	0.60	0.63	0.60	0.63	0.62	0.59	0.62	0.60	0.61	0.58	0.62	0.59			
165	0.62	0.64	0.61	0.63	0.61	0.64	0.62	0.64	0.64	0.61	0.63	0.61	0.64	0.60	0.63	0.61			
170	0.64	0.66	0.64	0.66	0.64	0.66	0.63	0.66	0.66	0.63	0.66	0.63	0.66	0.63	0.65	0.63			
175	0.65	0.67	0.64	0.66	0.65	0.66	0.64	0.66	0.66	0.64	0.67	0.64	0.67	0.64	0.66	0.64			
180	0.67	0.67	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.67	0.67	0.66	0.67	0.66	0.66	0.66			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
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γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
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