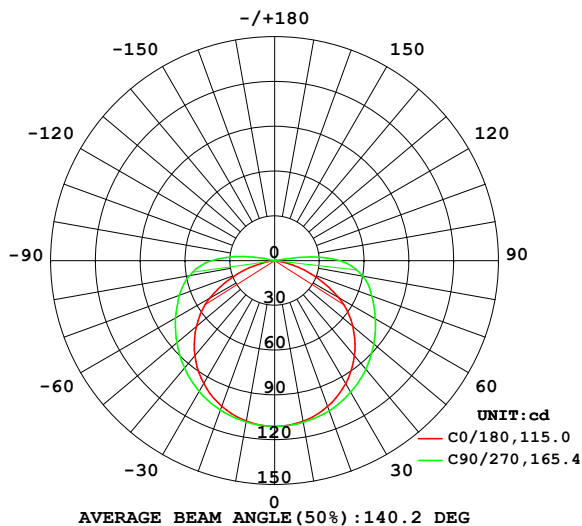


## LUMINAIRE PHOTOMETRIC TEST REPORT

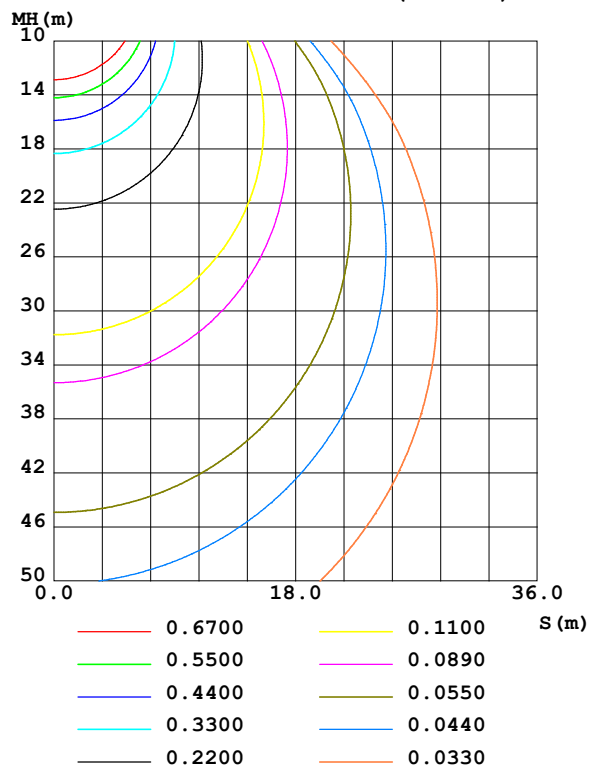
NAME: LY840-CSPRGBW-W24-20W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 76.63 lm/W
MODEL	W 3000K RA90	I <sub>max</sub> (cd)	111.0	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	5	LOR(%)	100.1	S/MH(C90/270)	1.36	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	435.11	η UP,DN(C0-180)	1.9,48.3	
NOMINAL FLUX(lm)	0.517519	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.1,47.7	
LAMPS INSIDE	840	η up (%)	4.1	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	109.3	109.6	110.0	109.6	109.2	109.4	109.7	109.5	0- 10	10.53	10.53	2.42,2.42
20	104.0	105.5	107.0	105.4	103.8	105.1	106.5	105.2	10- 20	30.44	40.97	9.42,9.42
30	95.21	98.79	101.9	98.71	95.09	98.22	101.2	98.31	20- 30	47.14	88.11	20.3,20.3
40	83.22	89.72	95.04	89.70	83.25	89.00	93.98	89.03	30- 40	58.89	147.0	33.8,33.8
50	68.29	78.76	86.73	78.84	68.51	77.92	85.56	77.88	40- 50	64.62	211.6	48.6,48.7
60	49.62	66.66	77.86	66.79	50.41	65.80	76.76	65.77	50- 60	64.12	275.7	63.4,63.4
70	25.93	54.99	69.31	55.06	26.74	54.09	67.99	54.11	60- 70	57.93	333.7	76.7,76.8
80	5.109	44.38	60.01	44.50	5.747	43.28	58.01	43.35	70- 80	48.16	381.8	87.8,87.8
90	0.0736	28.24	43.80	27.69	0.0788	28.18	42.36	27.80	80- 90	35.66	417.5	96,96
100	0.0788	0.2529	7.080	0.2696	0.1051	5.751	14.32	1.022	90-100	15.66	433.2	99.5,99.6
110	0.1103	0.2061	0.2808	0.2021	0.1418	0.2022	0.2336	0.1942	100-110	0.9551	434.1	99.8,99.9
120	0.1549	0.2093	0.2523	0.2079	0.1812	0.2205	0.2388	0.2179	110-120	0.2016	434.3	99.8,99.9
130	0.1943	0.2126	0.2542	0.2152	0.2207	0.2390	0.2493	0.2415	120-130	0.1963	434.5	99.9,100
140	0.2363	0.2336	0.2560	0.2440	0.2574	0.2704	0.2651	0.2599	130-140	0.1854	434.7	99.9,100
150	0.2652	0.2677	0.2676	0.2703	0.2942	0.2914	0.2887	0.2914	140-150	0.1667	434.9	99.9,100
160	0.2941	0.2940	0.2913	0.2966	0.3204	0.3229	0.3175	0.3150	150-160	0.1351	435.0	100,100
170	0.3151	0.3124	0.3123	0.3149	0.3279	0.3297	0.3285	0.3276	160-170	0.0889	435.1	100,100
180	0.3335	0.3282	0.3306	0.3281	0.3309	0.3308	0.3306	0.3307	170-180	0.0310	435.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 185.5 lm

%lum = 42.6%

%lamp = 42.7%

Conical surface Flux(130deg): 311.54 lm

%lum = 71.6%

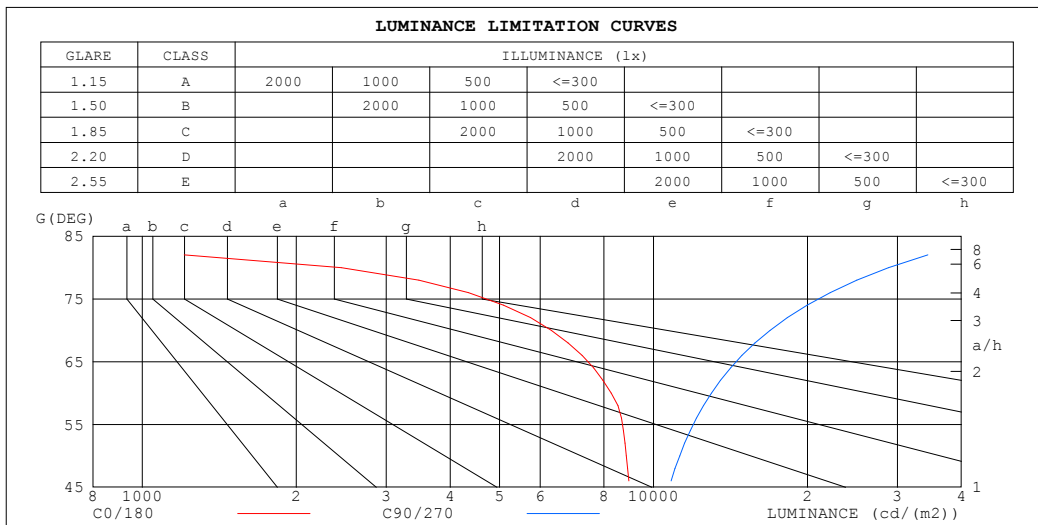
%lamp = 71.7%

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:

## 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	117	52233
80	2450	28807
75	5414	21281
70	6315	16894
65	7915	14675
60	8266	12980
55	8949	12095
50	8848	11248
45	9136	10825

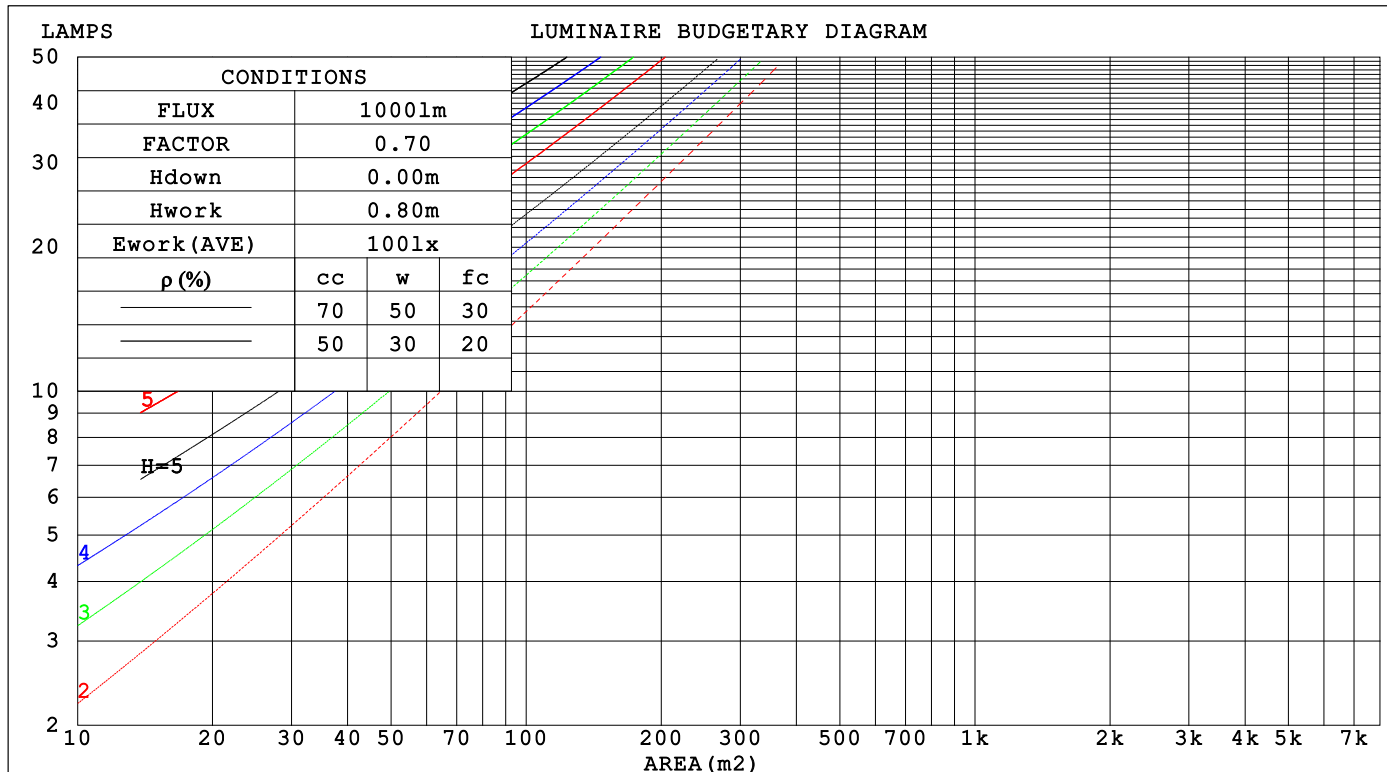
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-18

$\gamma$  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	.95	.90	.86	.90	.86	.82	.86	.82	.79	.81	.78	.76	.73														
2.0	.84	.76	.69	.81	.74	.68	.77	.71	.65	.73	.68	.63	.69	.65	.61	.58														
3.0	.73	.63	.56	.71	.62	.55	.67	.59	.53	.63	.57	.52	.60	.55	.50	.48														
4.0	.64	.54	.46	.62	.53	.46	.59	.51	.45	.56	.49	.44	.53	.47	.43	.40														
5.0	.57	.47	.39	.55	.46	.39	.52	.44	.38	.50	.43	.37	.48	.41	.36	.34														
6.0	.51	.41	.34	.49	.40	.34	.47	.39	.33	.45	.38	.32	.43	.37	.32	.29														
7.0	.46	.36	.30	.45	.36	.30	.43	.35	.29	.41	.34	.28	.39	.33	.28	.26														
8.0	.42	.33	.26	.41	.32	.26	.39	.31	.26	.37	.30	.25	.36	.30	.25	.23														
9.0	.38	.29	.24	.37	.29	.23	.36	.28	.23	.34	.28	.23	.33	.27	.22	.20														
10.0	.35	.27	.21	.34	.26	.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	.402	.228	.072	.393	.224	.071	.377	.216	.069	.362	.209	.067	.349	.202	.065		
2.0	.347	.190	.058	.340	.187	.058	.325	.181	.056	.312	.175	.055	.300	.170	.053		
3.0	.308	.164	.049	.301	.161	.049	.288	.156	.047	.276	.152	.046	.265	.147	.045		
4.0	.277	.144	.042	.271	.142	.042	.259	.137	.041	.249	.133	.040	.239	.130	.039		
5.0	.251	.128	.037	.246	.126	.037	.235	.123	.036	.226	.119	.035	.217	.116	.035		
6.0	.230	.115	.033	.225	.114	.033	.216	.110	.032	.207	.108	.032	.199	.105	.031		
7.0	.211	.105	.030	.207	.103	.029	.199	.101	.029	.191	.098	.029	.184	.096	.028		
8.0	.196	.096	.027	.192	.095	.027	.185	.092	.026	.178	.090	.026	.171	.088	.026		
9.0	.182	.088	.025	.179	.087	.024	.172	.085	.024	.166	.083	.024	.160	.081	.023		
10.0	.171	.082	.023	.167	.081	.023	.161	.079	.022	.156	.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	.222	.222	.222	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.218	.187	.158	.186	.160	.136	.128	.110	.094	.073	.064	.055	.024	.021	.018	
2.0	.211	.163	.123	.181	.140	.106	.124	.097	.074	.071	.057	.043	.023	.018	.014	
3.0	.203	.146	.101	.174	.126	.087	.120	.088	.061	.069	.051	.036	.022	.017	.012	
4.0	.195	.133	.086	.168	.115	.075	.115	.080	.053	.067	.047	.031	.021	.015	.010	
5.0	.187	.123	.076	.161	.107	.066	.111	.074	.047	.064	.044	.028	.021	.014	.009	
6.0	.180	.115	.069	.154	.100	.060	.106	.070	.042	.062	.041	.025	.020	.013	.008	
7.0	.172	.108	.063	.148	.094	.055	.102	.066	.039	.059	.039	.023	.019	.013	.008	
8.0	.165	.103	.059	.142	.089	.052	.098	.062	.037	.057	.037	.022	.019	.012	.007	
9.0	.159	.098	.056	.137	.085	.049	.095	.060	.035	.055	.035	.021	.018	.012	.007	
10.0	.153	.093	.054	.132	.081	.047	.091	.057	.033	.053	.034	.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					22.7	24.3	23.1	24.6	24.9	24.5	26.1	24.8	26.4	26.7
3H					24.2	25.7	24.5	26.0	26.3	27.2	28.7	27.6	29.0	29.4
4H					24.6	26.1	25.0	26.4	26.8	28.8	30.2	29.1	30.5	30.9
6H					24.9	26.2	25.3	26.6	27.0	30.4	31.8	30.8	32.1	32.5
8H					24.9	26.2	25.3	26.6	26.9	31.4	32.7	31.8	33.0	33.4
12H					24.8	26.1	25.3	26.5	26.9	32.4	33.6	32.8	34.0	34.4
4H 2H					23.9	25.3	24.2	25.6	26.0	25.1	26.5	25.5	26.9	27.2
3H					25.6	26.9	26.1	27.3	27.7	28.1	29.4	28.5	29.8	30.2
4H					26.4	27.5	26.8	27.9	28.4	29.9	31.0	30.3	31.4	31.9
6H					26.9	27.9	27.4	28.4	28.8	31.8	32.8	32.2	33.3	33.7
8H					27.0	28.0	27.5	28.4	28.9	32.8	33.8	33.3	34.2	34.7
12H					27.1	28.0	27.6	28.4	28.9	34.0	34.9	34.4	35.3	35.8
8H 4H					27.5	28.5	28.0	29.0	29.5	30.3	31.2	30.7	31.7	32.2
6H					28.5	29.4	29.0	29.8	30.4	32.5	33.3	33.0	33.8	34.3
8H					28.9	29.7	29.4	30.2	30.7	33.7	34.5	34.3	35.0	35.5
12H					29.2	29.9	29.8	30.4	31.0	35.1	35.8	35.7	36.3	36.9
12H 4H					27.9	28.8	28.4	29.3	29.8	30.3	31.2	30.8	31.7	32.2
6H					29.2	29.9	29.7	30.4	31.0	32.6	33.4	33.2	33.9	34.4
8H					29.8	30.4	30.3	31.0	31.5	34.0	34.7	34.5	35.2	35.7
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, 434.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.9)  
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:

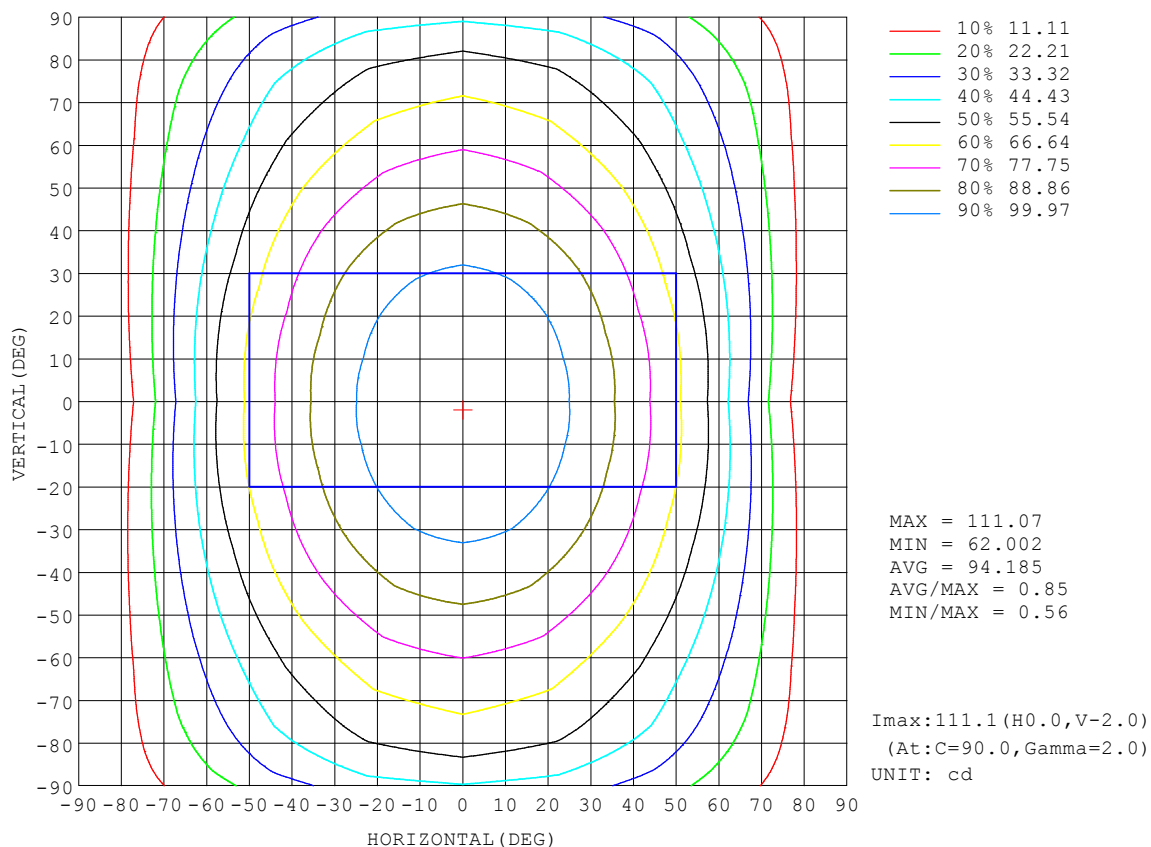
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	51	39	31	51	39	31	49	38	31	24
0.80	61	48	40	60	47	40	58	47	39	32
1.00	69	56	48	67	55	47	65	57	47	39
1.25	76	63	55	74	62	54	71	61	54	45
1.50	81	69	60	79	68	60	75	66	59	50
2.00	88	77	69	86	76	68	82	73	67	57
2.50	92	82	75	90	81	74	85	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	95	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:



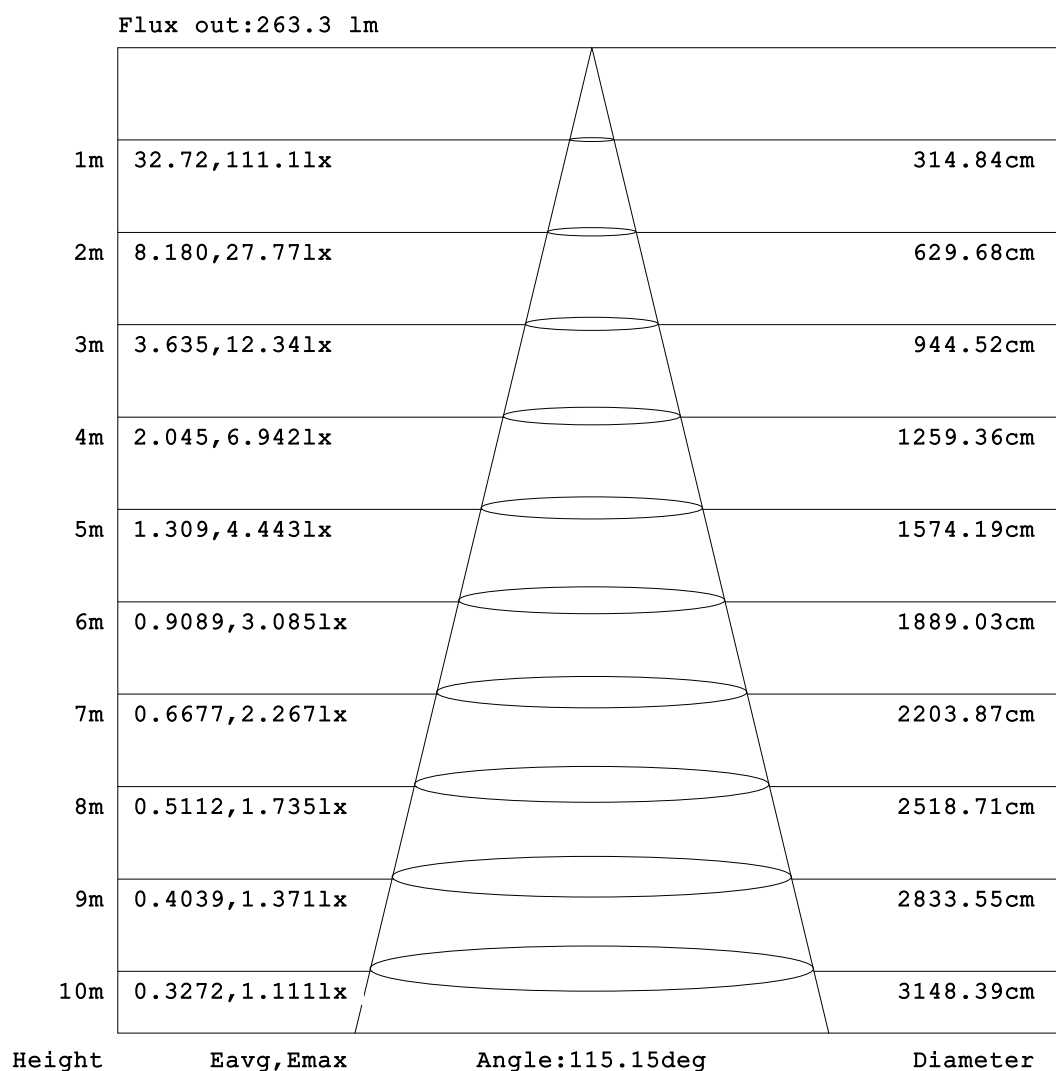
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-08-18

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:



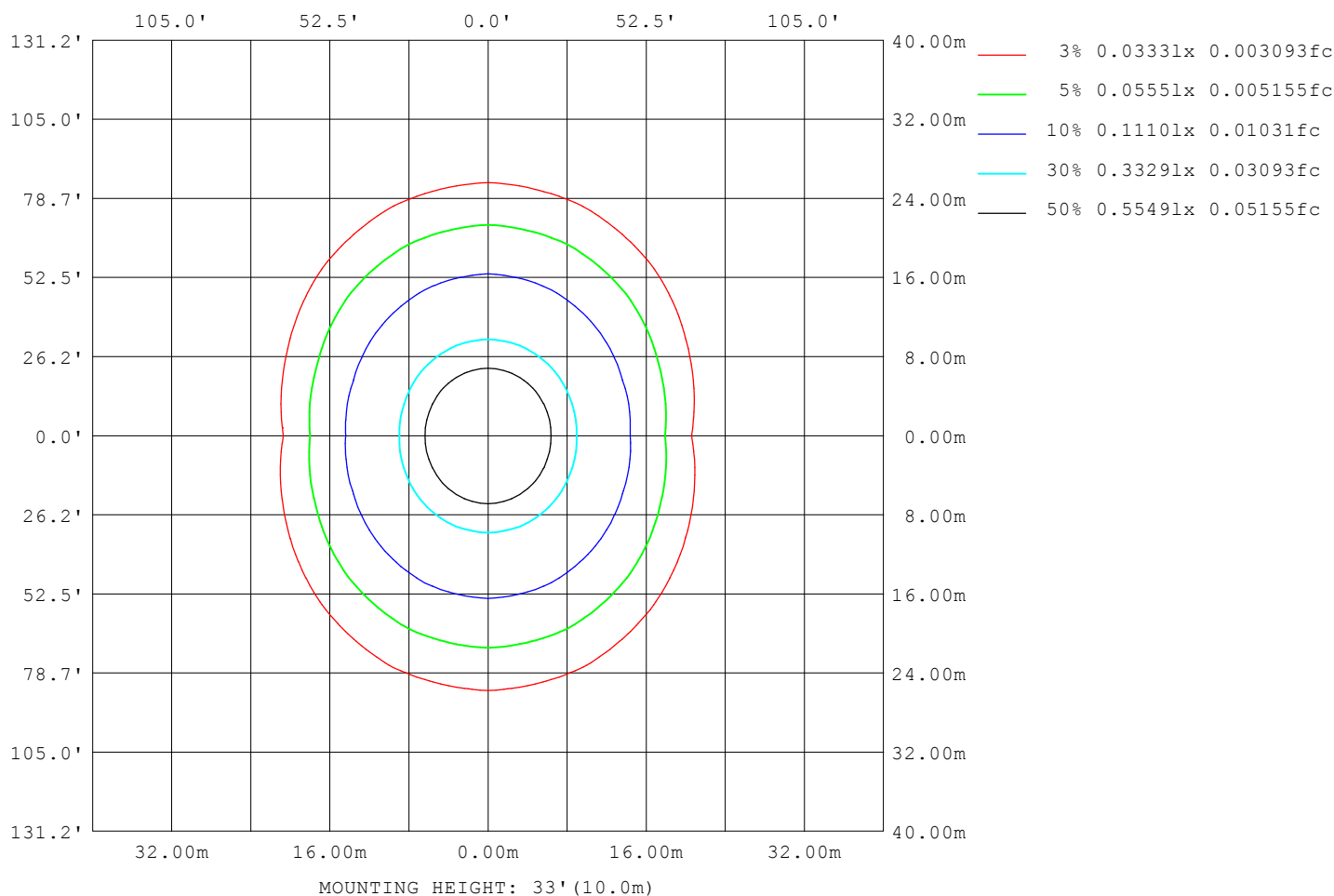
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:

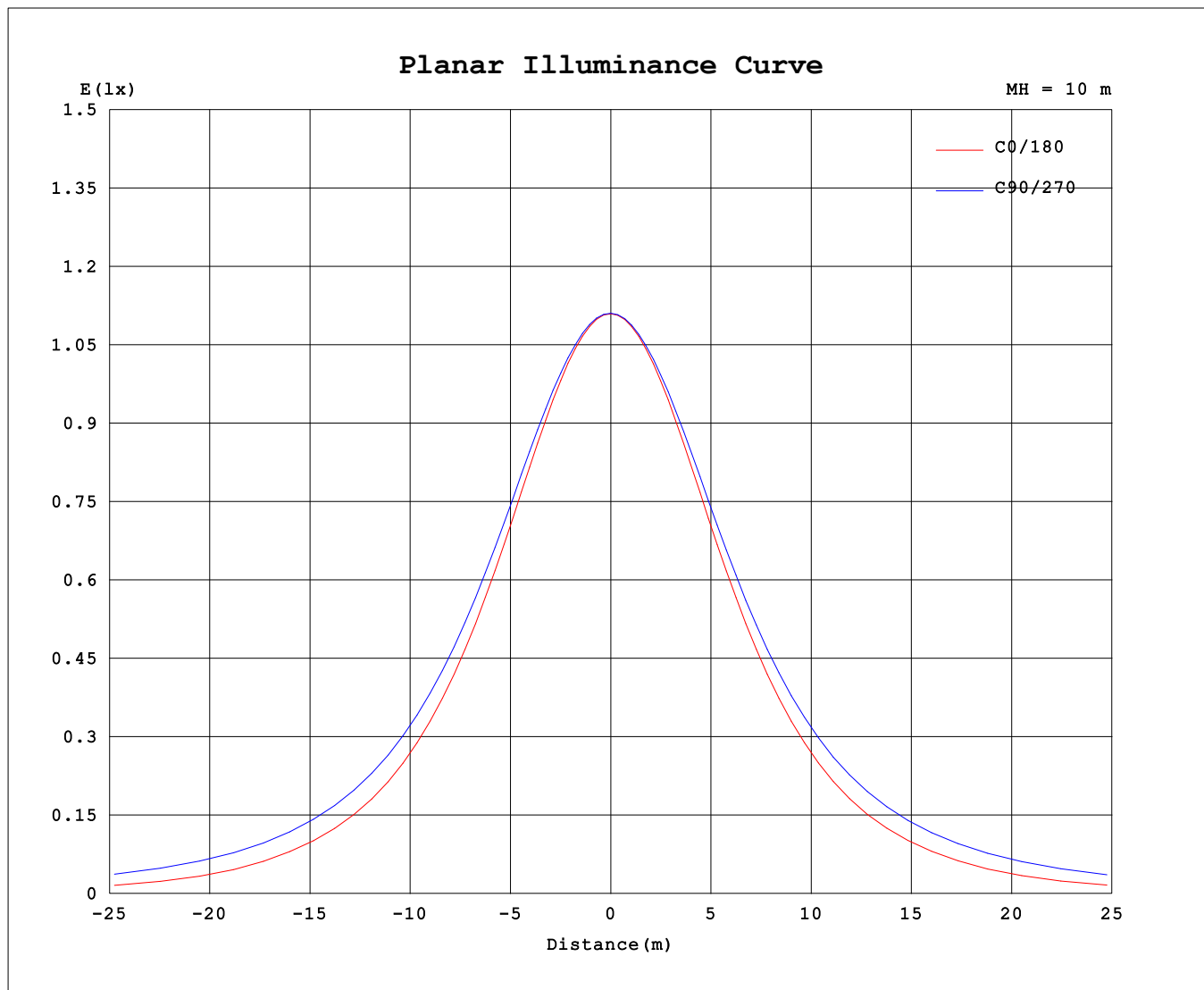
AvgL	cd/m2
L_0~180 (65) av	7529
L_0~180 (75) av	4854
L_0~180 (85) av	0
L_90~270 (65) av	14365
L_90~270 (75) av	20696
L_90~270 (85) av	49912
L_45 (65) av	11889
L_45 (75) av	15853
L_45 (85) av	35395

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	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111			
5	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111			
10	109	109	110	110	110	110	110	109	109	109	109	110	110	110	109	109			
15	108	108	108	109	109	109	108	108	107	108	108	108	109	108	108	108			
20	104	104	105	107	107	107	105	104	104	104	105	106	107	106	105	104			
25	101	102	103	105	105	105	103	101	101	101	103	104	105	104	103	101			
30	95.2	96.4	98.8	101	102	101	98.7	96.2	95.1	95.7	98.2	100	101	100	98.3	95.9			
35	90.8	92.3	95.4	98.4	99.4	98.3	95.3	92.2	90.7	91.7	94.8	97.4	98.5	97.4	94.9	91.8			
40	83.2	85.5	89.7	93.7	95.0	93.6	89.7	85.4	83.2	84.8	89.0	92.5	94.0	92.5	89.0	84.8			
45	77.6	80.3	85.5	90.2	91.8	90.2	85.5	80.4	77.7	79.7	84.8	88.9	90.7	88.9	84.8	79.7			
50	68.3	72.1	78.8	84.6	86.7	84.7	78.8	72.1	68.5	71.3	77.9	83.3	85.6	83.3	77.9	71.3			
55	61.6	66.1	74.0	80.8	83.2	80.9	74.1	66.2	61.9	65.4	73.1	79.5	82.1	79.4	73.1	65.3			
60	49.6	56.8	66.7	75.0	77.9	75.0	66.8	57.0	50.4	55.9	65.8	73.7	76.8	73.6	65.8	55.8			
65	40.2	50.3	61.8	71.2	74.4	71.2	62.0	50.5	41.0	49.5	61.0	69.8	73.1	69.7	61.0	49.4			
70	25.9	40.7	55.0	65.6	69.3	65.7	55.1	40.9	26.7	39.8	54.1	64.3	68.0	64.2	54.1	39.8			
75	16.8	34.6	50.7	62.1	66.1	62.2	50.8	34.8	17.6	33.8	49.7	60.5	64.3	60.4	49.9	34.0			
80	5.11	26.4	44.4	56.0	60.0	56.2	44.5	26.6	5.75	25.9	43.3	54.2	58.0	54.0	43.3	26.2			
85	0.12	21.5	38.8	50.5	54.6	50.7	39.1	21.7	0.20	21.2	38.1	48.9	52.8	48.8	38.0	21.4			
90	0.07	12.3	28.2	39.8	43.8	40.4	27.7	12.4	0.08	12.5	28.2	38.6	42.4	38.2	27.8	12.1			
95	0.07	1.36	16.7	28.4	32.2	29.3	17.5	7.14	0.09	4.03	18.9	28.6	32.3	28.1	18.2	3.24			
100	0.08	0.13	0.25	3.69	7.08	4.79	0.27	1.89	0.11	0.15	5.75	10.6	14.3	9.82	1.02	0.14			
105	0.09	0.14	0.21	0.27	0.34	0.25	0.20	0.14	0.12	0.15	2.98	0.45	1.74	0.44	0.69	0.14			
110	0.11	0.16	0.21	0.25	0.28	0.25	0.20	0.16	0.14	0.16	0.20	0.24	0.23	0.23	0.19	0.15			
115	0.13	0.17	0.21	0.24	0.26	0.25	0.20	0.17	0.16	0.16	0.21	0.24	0.24	0.23	0.20	0.15			
120	0.15	0.19	0.21	0.24	0.25	0.25	0.21	0.19	0.18	0.17	0.22	0.24	0.24	0.23	0.22	0.17			
125	0.17	0.20	0.21	0.24	0.25	0.24	0.21	0.21	0.20	0.18	0.23	0.24	0.24	0.23	0.23	0.19			
130	0.19	0.23	0.21	0.25	0.25	0.25	0.22	0.23	0.22	0.20	0.24	0.24	0.25	0.23	0.24	0.20			
135	0.21	0.24	0.22	0.25	0.25	0.26	0.22	0.24	0.23	0.22	0.25	0.24	0.26	0.23	0.25	0.21			
140	0.24	0.26	0.23	0.27	0.26	0.27	0.24	0.26	0.26	0.23	0.27	0.25	0.27	0.24	0.26	0.24			
145	0.25	0.27	0.25	0.28	0.26	0.28	0.26	0.28	0.27	0.25	0.28	0.26	0.28	0.25	0.28	0.25			
150	0.27	0.29	0.27	0.29	0.27	0.30	0.27	0.29	0.29	0.27	0.29	0.27	0.29	0.26	0.29	0.27			
155	0.28	0.30	0.28	0.30	0.28	0.31	0.28	0.31	0.30	0.27	0.30	0.28	0.30	0.27	0.30	0.28			
160	0.29	0.32	0.29	0.31	0.29	0.32	0.30	0.32	0.32	0.29	0.32	0.29	0.32	0.28	0.31	0.29			
165	0.30	0.33	0.30	0.33	0.30	0.33	0.30	0.32	0.32	0.31	0.33	0.30	0.33	0.30	0.32	0.30			
170	0.32	0.33	0.31	0.33	0.31	0.33	0.31	0.33	0.33	0.31	0.33	0.31	0.33	0.31	0.33	0.31			
175	0.32	0.33	0.32	0.33	0.32	0.33	0.32	0.33	0.33	0.32	0.33	0.32	0.33	0.32	0.33	0.32			
180	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33			

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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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Remarks: