

## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

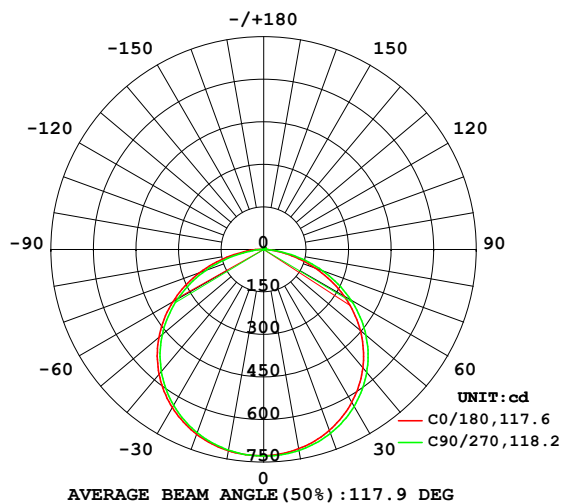
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## LUMINAIRE PHOTOMETRIC TEST REPORT

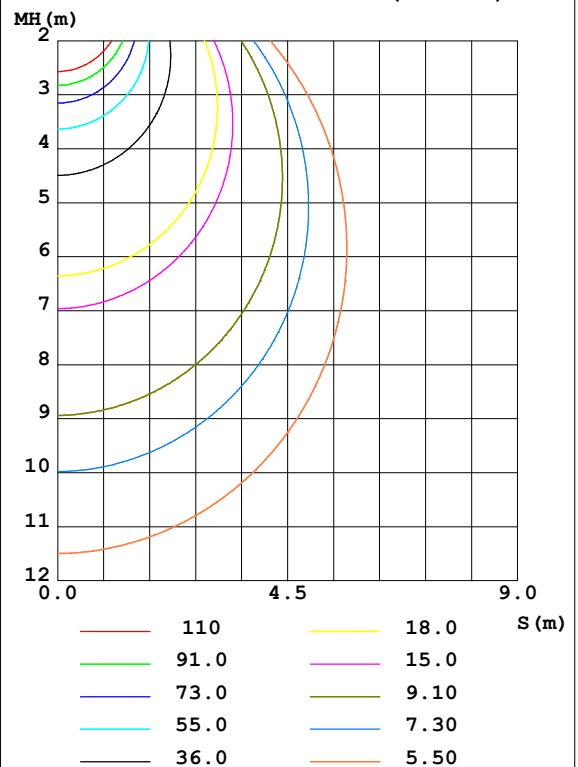
Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
NAME: S2835160V24NW40K8IP20-10	TYPE:S2835160V24NW40K8IP20-10	WEIGHT:
SPEC.:1000*10*1.4	DIM.: 1000*10*1.4	SERIAL No.:
MFR.: BLUEVISION		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 154.73 lm/W			
MODEL	S2835160V24NW40K8IP20-10	I <sub>max</sub> (cd)	728.6	S/MH (C0/180)	1.32
NOMINAL POWER (W)	14.4	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	2228.0	η UP, DN (C0-180)	0.8, 49.2
NOMINAL FLUX (lm)	2228.05	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 49.3
LAMPS INSIDE	1	η up (%)	1.4	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	η down (%)	98.6	CIBSE SHR MAX	1.50

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: KEVIN  
 Test Date: 2018-10-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity: 65.0%  
 Test Distance: 7.303m [K=1.0000]  
 Remarks:

## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	713.4	716.2	719.4	718.1	720.6	719.8	718.2	713.1	0- 10	68.96	68.96	3.1,3.1
20	678.5	683.5	689.5	690.2	693.0	690.9	687.2	680.0	10- 20	199.0	268.0	12,12
30	622.1	629.0	638.4	641.2	644.3	640.8	635.3	625.8	20- 30	305.9	573.9	25.8,25.8
40	544.4	553.1	565.5	570.8	574.2	569.3	561.8	550.2	30- 40	375.8	949.7	42.6,42.6
50	445.2	453.6	470.6	478.7	482.7	476.3	466.6	453.1	40- 50	398.0	1348	60.5,60.5
60	326.3	334.9	354.8	365.7	370.6	362.6	350.9	335.8	50- 60	365.7	1713	76.9,76.9
70	193.8	202.3	221.5	235.0	241.4	231.3	217.8	203.5	60- 70	281.3	1995	89.5,89.5
80	69.62	73.13	85.88	100.9	107.1	96.80	73.94	76.47	70- 80	158.1	2153	96.6,96.6
90	7.137	6.395	3.216	15.66	18.25	11.76	2.064	6.419	80- 90	43.11	2196	98.6,98.6
100	3.405	3.611	3.431	3.802	3.029	2.755	2.744	2.794	90-100	5.172	2201	98.8,98.8
110	3.984	4.407	3.915	4.207	3.232	3.363	3.521	3.501	100-110	3.677	2205	99,99
120	4.787	4.714	4.645	4.879	3.947	4.085	4.293	4.255	110-120	4.080	2209	99.1,99.1
130	5.647	5.525	5.490	5.628	4.739	4.916	5.100	5.050	120-130	4.361	2213	99.3,99.3
140	6.466	6.408	6.537	6.355	5.596	5.765	5.926	5.903	130-140	4.405	2218	99.5,99.5
150	7.162	7.119	7.362	7.054	6.468	6.591	6.710	6.675	140-150	4.091	2222	99.7,99.7
160	7.773	7.835	7.831	7.681	7.267	7.321	7.386	7.386	150-160	3.343	2225	99.9,99.9
170	8.203	8.165	8.134	8.115	7.931	7.916	7.920	7.935	160-170	2.210	2227	100,100
180	8.350	8.292	8.250	8.300	8.327	8.296	8.246	8.277	170-180	0.7771	2228	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:KEVIN  
 Test Date:2018-10-16

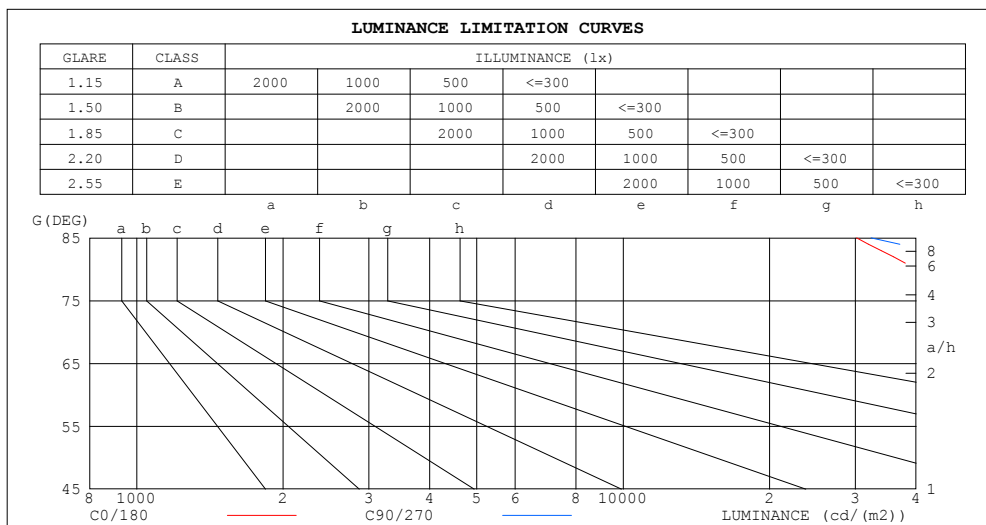
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.303m [K=1.0000]  
 Remarks:

## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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## LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
NAME: S2835160V24NW40K8IP20-10	TYPE:S2835160V24NW40K8IP20-10	WEIGHT:
SPEC.:1000*10*1.4	DIM.: 1000*10*1.4	SERIAL No.:
MFR.: BLUEVISION		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	30197	32328
80	40094	49456
75	49387	58797
70	56667	64765
65	61789	68589
60	65265	70953
55	67658	72412
50	69263	73212
45	70329	73647

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVIN  
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.303m [K=1.0000]  
Remarks:

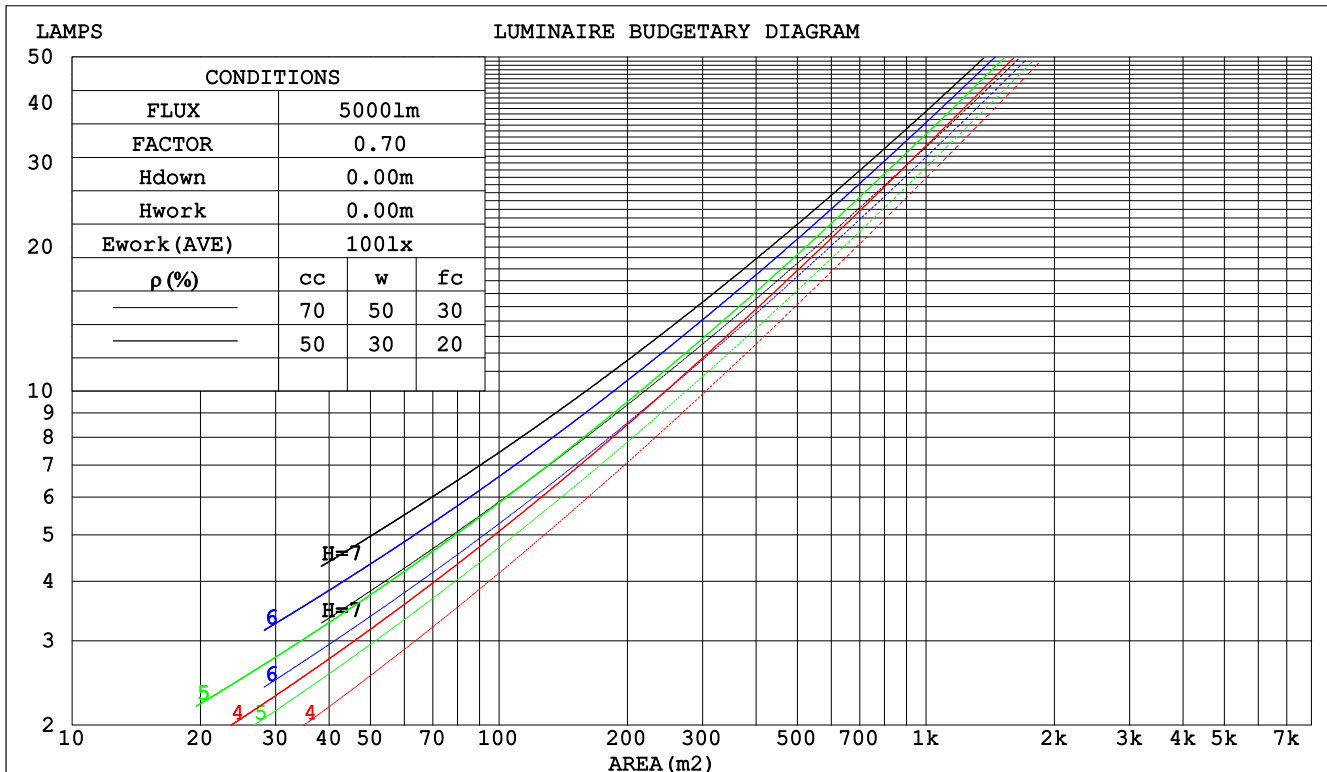
## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
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SPEC.:1000*10*1.4	DIM.: 1000*10*1.4	SERIAL No.:
MFR.: BLUEVISION		

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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.80	.76	.72	.77	.74	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.51	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:KEVIN  
 Test Date:2018-10-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.303m [K=1.0000]  
 Remarks:

## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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## WEC AND CCEC

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
NAME: S2835160V24NW40K8IP20-10	TYPE:S2835160V24NW40K8IP20-10	WEIGHT:
SPEC.:1000*10*1.4	DIM.: 1000*10*1.4	SERIAL No.:
MFR.: BLUEVISION		

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	.313	.178	.056	.306	.174	.055	.292	.167	.053	.279	.161	.052	.267	.155	.050		
2.0	.295	.161	.050	.288	.159	.049	.275	.153	.048	.264	.148	.046	.253	.143	.045		
3.0	.272	.145	.043	.267	.143	.043	.256	.138	.042	.245	.134	.041	.236	.131	.040		
4.0	.251	.131	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.203	.108	.033		
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.196	.102	.030	.189	.099	.030		
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.091	.026	.184	.090	.026	.177	.089	.025	.171	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021		

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	.201	.201	.201	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022		
1.0	.192	.167	.145	.164	.143	.125	.112	.099	.086	.065	.057	.050	.021	.018	.016		
2.0	.184	.143	.109	.157	.123	.094	.108	.085	.066	.062	.050	.038	.020	.016	.013		
3.0	.176	.126	.085	.151	.108	.074	.104	.075	.052	.060	.044	.031	.019	.014	.010		
4.0	.169	.112	.069	.145	.097	.060	.100	.068	.042	.058	.040	.025	.019	.013	.008		
5.0	.161	.102	.058	.138	.088	.051	.095	.062	.036	.055	.036	.021	.018	.012	.007		
6.0	.154	.094	.050	.132	.081	.044	.091	.057	.031	.053	.033	.018	.017	.011	.006		
7.0	.147	.087	.044	.127	.075	.039	.088	.053	.027	.051	.031	.016	.016	.010	.005		
8.0	.141	.081	.040	.121	.070	.035	.084	.049	.025	.049	.029	.015	.016	.010	.005		
9.0	.135	.076	.036	.116	.066	.032	.080	.046	.023	.047	.027	.013	.015	.009	.004		
10.0	.129	.072	.034	.111	.062	.029	.077	.044	.021	.045	.026	.012	.015	.009	.004		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVIN  
Test Date:2018-10-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.303m [K=1.0000]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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## UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm										
NAME: S2835160V24NW40K8IP20-10					TYPE:S2835160V24NW40K8IP20-10WEIGHT:					
SPEC.:1000*10*1.4					DIM.: 1000*10*1.4			SERIAL No.:		
MFR.: BLUEVISION										
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	24.6	26.1	24.9	26.3	26.6	24.9	26.4	25.2	26.7	26.9
3H	26.0	27.4	26.3	27.7	27.9	26.5	27.9	26.8	28.1	28.4
4H	26.5	27.8	26.8	28.1	28.4	27.0	28.4	27.4	28.6	28.9
6H	26.8	28.0	27.1	28.3	28.7	27.4	28.7	27.8	29.0	29.3
8H	26.9	28.1	27.2	28.4	28.7	27.5	28.7	27.9	29.0	29.4
12H	26.9	28.1	27.3	28.4	28.7	27.5	28.7	27.9	29.0	29.4
4H 2H	25.2	26.5	25.5	26.8	27.1	25.5	26.8	25.8	27.1	27.4
3H	26.8	27.9	27.2	28.3	28.6	27.2	28.3	27.5	28.7	29.0
4H	27.4	28.5	27.8	28.8	29.2	27.9	28.9	28.3	29.3	29.6
6H	27.8	28.7	28.2	29.1	29.5	28.3	29.3	28.8	29.7	30.1
8H	27.9	28.8	28.3	29.2	29.6	28.5	29.4	28.9	29.8	30.2
12H	28.0	28.8	28.4	29.2	29.6	28.6	29.4	29.0	29.8	30.2
8H 4H	27.6	28.5	28.1	28.9	29.3	28.0	28.9	28.5	29.3	29.7
6H	28.1	28.9	28.6	29.3	29.8	28.7	29.4	29.1	29.8	30.3
8H	28.3	29.0	28.8	29.4	29.9	28.9	29.5	29.3	30.0	30.4
12H	28.4	29.0	28.9	29.5	30.0	29.0	29.5	29.5	30.0	30.5
12H 4H	27.6	28.4	28.1	28.9	29.3	28.0	28.8	28.5	29.3	29.7
6H	28.2	28.8	28.7	29.3	29.8	28.7	29.3	29.2	29.8	30.3
8H	28.4	28.9	28.9	29.4	29.9	28.9	29.5	29.4	29.9	30.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 2228 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 2.8$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVIN  
Test Date:2018-10-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.303m [K=1.0000]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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## UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
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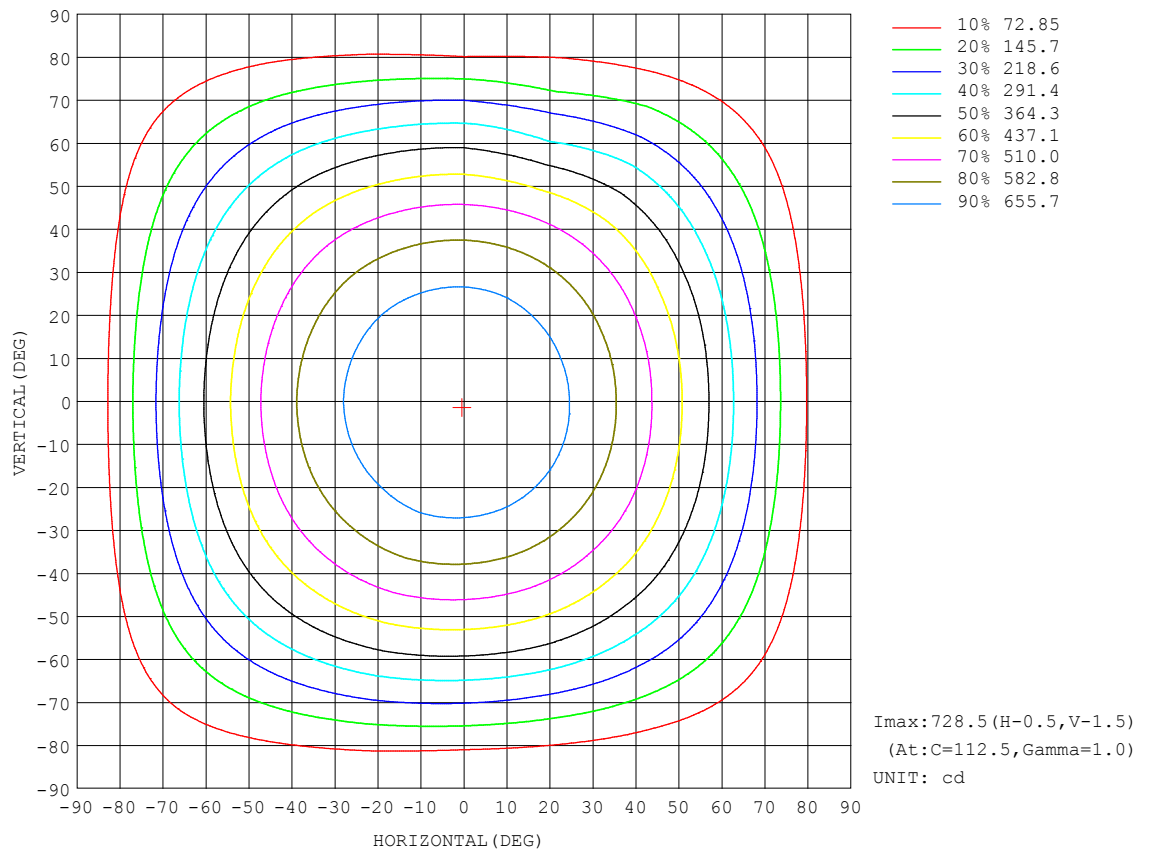
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	37	55	44	37	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	94	89	99	93	88	95	90	85	76
4.00	106	100	95	103	98	94	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:KEVIN  
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$\gamma$  Range: 0 - 180DEG  
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 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
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## ISOCANDELA DIAGRAM

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
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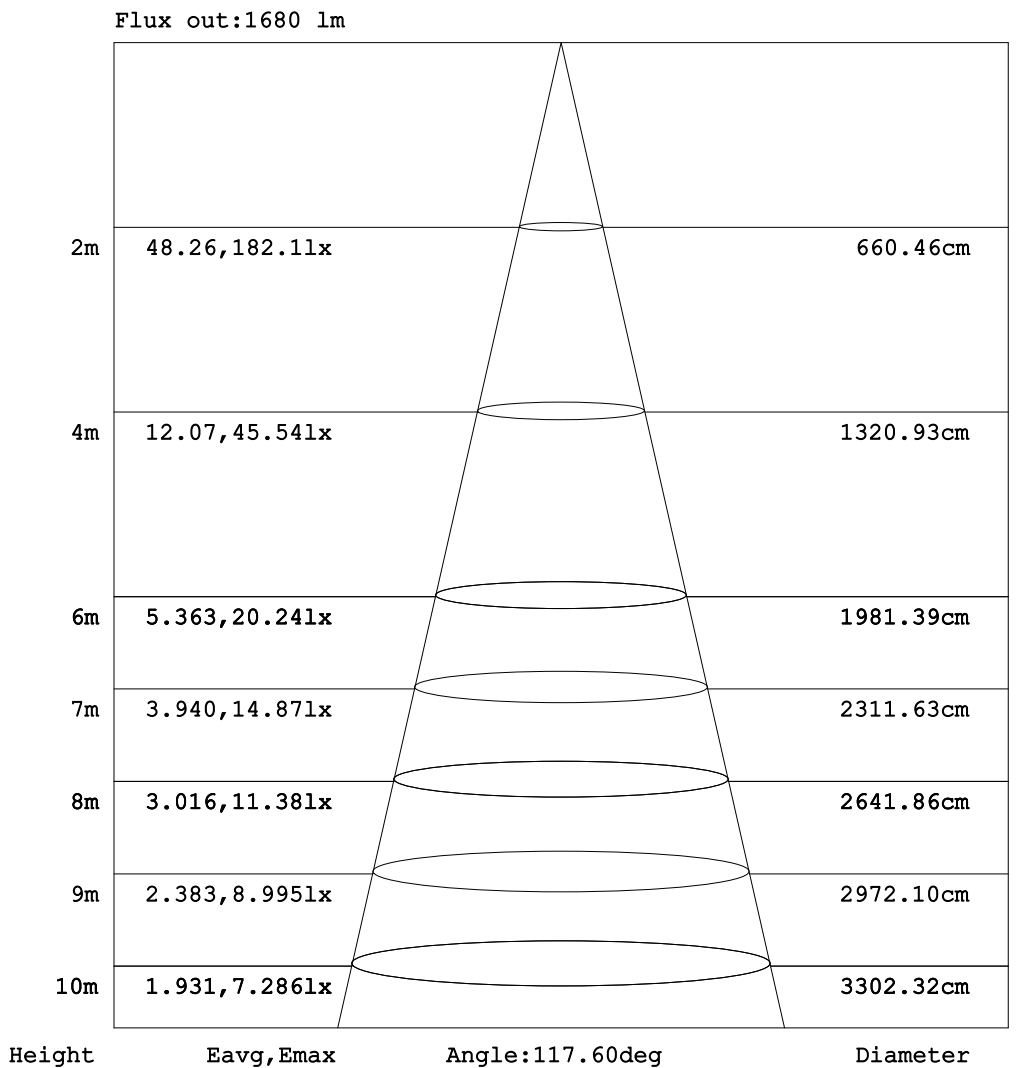
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## AAI Figure

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
NAME: S2835160V24NW40K8IP20-10	TYPE:S2835160V24NW40K8IP20-10	WEIGHT:
SPEC.:1000*10*1.4	DIM.: 1000*10*1.4	SERIAL No.:
MFR.: BLUEVISION		



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

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C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVIN  
Test Date:2018-10-16

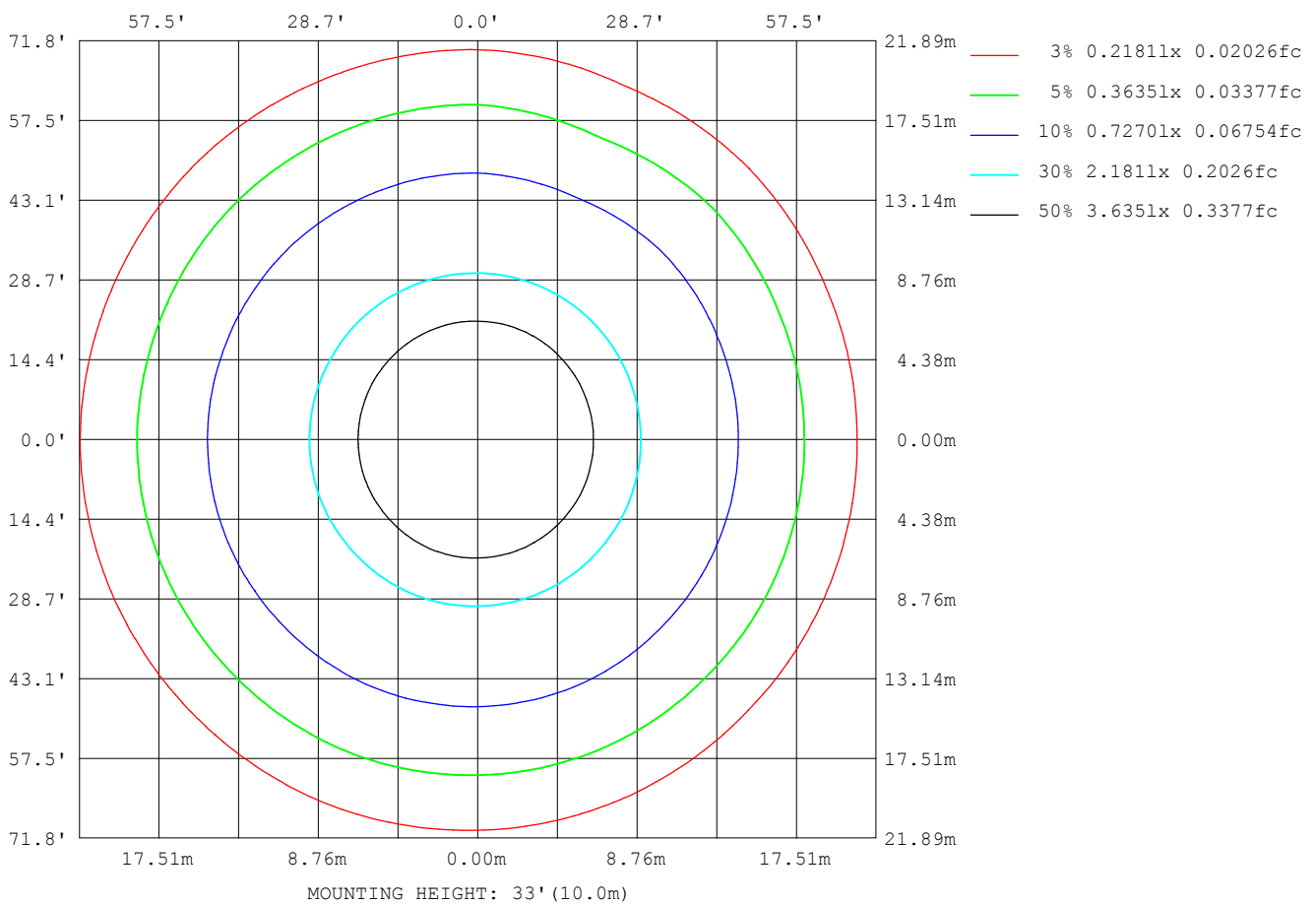
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.303m [K=1.0000]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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## ISOLUX DIAGRAM

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
NAME: S2835160V24NW40K8IP20-10	TYPE:S2835160V24NW40K8IP20-10	WEIGHT:
SPEC.:1000*10*1.4	DIM.: 1000*10*1.4	SERIAL No.:
MFR.: BLUEVISION		



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:KEVIN  
 Test Date:2018-10-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.303m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
NAME: S2835160V24NW40K8IP20-10	TYPE:S2835160V24NW40K8IP20-10	WEIGHT:
SPEC.:1000*10*1.4	DIM.: 1000*10*1.4	SERIAL No.:
MFR.: BLUEVISION		

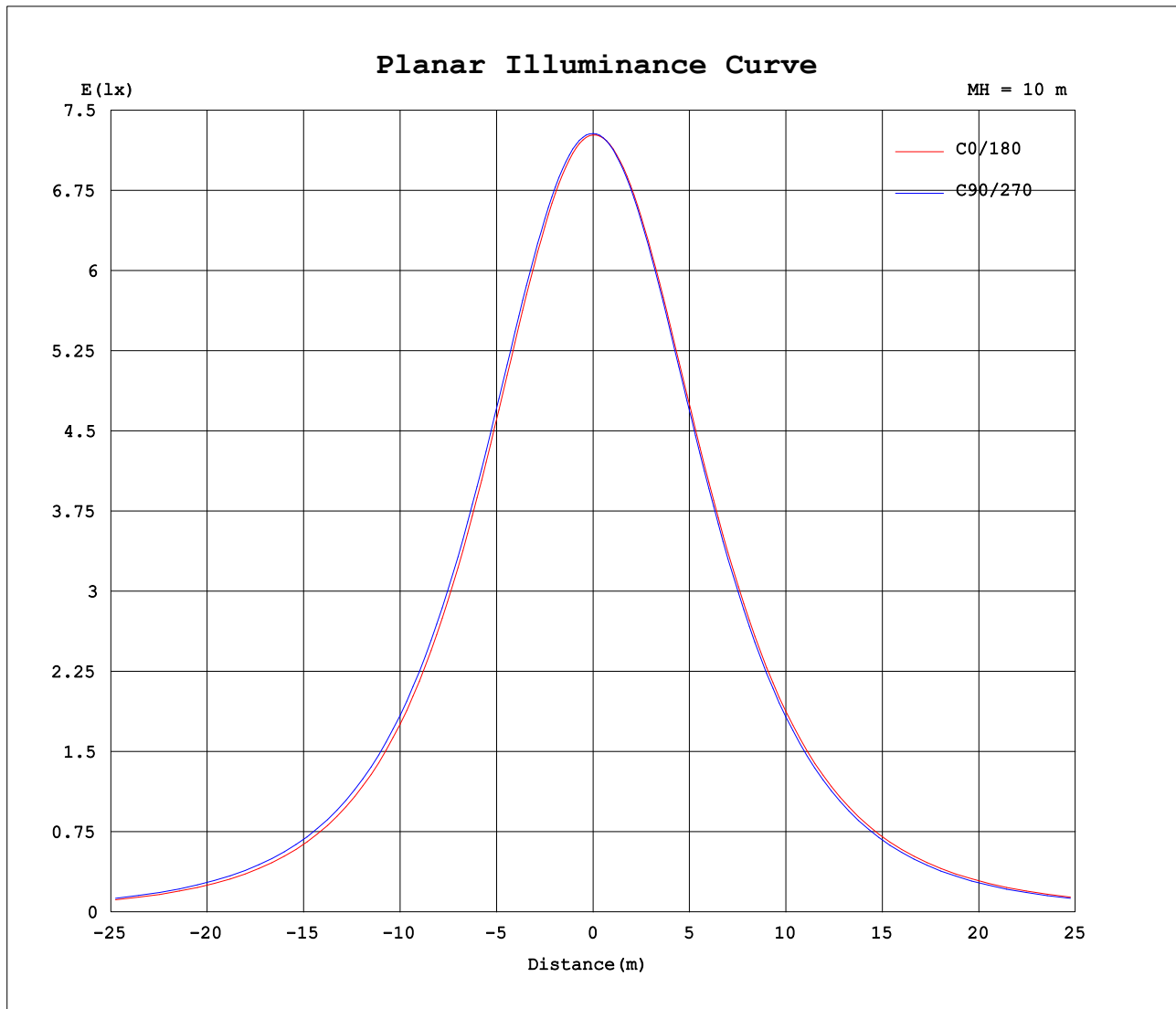
AvgL	cd/m2
L_0~180 (65) av	67303
L_0~180 (75) av	58048
L_0~180 (85) av	44511
L_90~270 (65) av	68159
L_90~270 (75) av	57312
L_90~270 (85) av	28927
L_45 (65) av	67545
L_45 (75) av	58052
L_45 (85) av	42114

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:KEVIN  
 Test Date:2018-10-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.303m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: KEVIN  
Test Date: 2018-10-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.303m [K=1.0000]  
Remarks:

## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.6000A P:14.400W PF:1.0000 Freq:0Hz Lamp Flux:2228.05x1 lm		
NAME: S2835160V24NW40K8IP20-10	TYPE:S2835160V24NW40K8IP20-10	WEIGHT:
SPEC.:1000*10*1.4	DIM.: 1000*10*1.4	SERIAL No.:
MFR.: BLUEVISION		

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	727	727	728	728	728	729	725	725	727	727	728	728	728	729	725	725			
5	723	724	725	726	726	727	724	725	726	726	726	726	726	725	722	721			
10	713	715	716	718	719	721	718	719	721	720	720	719	718	717	713	712			
15	699	701	703	705	707	709	707	708	709	708	708	706	705	704	699	698			
20	679	681	683	687	690	692	690	691	693	692	691	689	687	685	680	678			
25	653	656	659	663	667	670	668	670	671	670	668	666	664	661	656	653			
30	622	625	629	634	638	642	641	643	644	642	641	638	635	631	626	622			
35	586	589	594	600	605	610	609	611	612	609	608	604	601	597	591	586			
40	544	548	553	560	565	571	571	573	574	571	569	565	562	556	550	545			
45	497	502	506	515	521	527	527	530	531	528	526	521	517	511	504	497			
50	445	448	454	464	471	478	479	482	483	479	476	471	467	457	453	445			
55	388	391	397	408	415	423	425	428	429	425	422	416	411	389	397	388			
60	326	330	335	347	355	364	366	369	371	366	363	356	351	322	336	327			
65	261	265	270	281	290	299	302	306	308	302	299	291	286	275	271	263			
70	194	197	202	211	222	231	235	240	241	235	231	223	218	190	204	196			
75	128	131	135	143	152	162	166	171	173	167	162	154	144	129	137	130			
80	69.6	71.3	73.1	79.2	85.9	95.5	101	106	107	102	96.8	88.4	73.9	79.6	76.5	71.4			
85	26.3	26.6	27.0	30.4	28.2	42.1	46.5	50.7	51.3	46.6	42.5	36.8	22.2	31.4	30.8	28.7			
90	7.14	7.16	6.39	6.36	3.22	11.7	15.7	18.3	18.3	15.1	11.8	7.53	2.06	5.23	6.42	7.39			
95	3.55	3.78	3.79	3.63	3.34	4.79	6.17	7.00	6.29	5.10	3.96	2.76	2.38	2.53	2.76	3.14			
100	3.40	3.57	3.61	3.91	3.43	3.87	3.80	3.70	3.03	2.87	2.76	2.79	2.74	2.81	2.79	2.90			
105	3.62	3.86	4.06	4.17	3.74	4.10	3.88	3.65	2.89	2.90	3.02	3.13	3.14	3.16	3.14	3.13			
110	3.98	4.24	4.41	4.17	3.91	4.29	4.21	3.97	3.23	3.24	3.36	3.43	3.52	3.49	3.50	3.48			
115	4.37	4.63	4.58	4.31	4.24	4.57	4.55	4.30	3.57	3.58	3.72	3.80	3.90	3.88	3.87	3.85			
120	4.79	5.02	4.71	4.73	4.64	4.88	4.88	4.68	3.95	3.96	4.09	4.20	4.29	4.26	4.25	4.23			
125	5.21	5.41	5.09	5.10	5.06	5.22	5.23	5.08	4.33	4.34	4.49	4.60	4.68	4.67	4.66	4.64			
130	5.65	5.83	5.52	5.59	5.49	5.63	5.63	5.46	4.74	4.76	4.92	5.02	5.10	5.08	5.05	5.05			
135	6.07	6.22	5.96	5.99	5.92	6.10	6.00	5.88	5.17	5.18	5.33	5.43	5.50	5.49	5.47	5.46			
140	6.47	6.57	6.41	6.36	6.54	6.54	6.35	6.27	5.60	5.63	5.76	5.86	5.93	5.91	5.90	5.87			
145	6.82	6.86	6.77	7.03	7.08	6.95	6.69	6.62	6.03	6.07	6.18	6.25	6.33	6.31	6.31	6.30			
150	7.16	7.18	7.12	7.38	7.36	7.28	7.05	6.96	6.47	6.49	6.59	6.64	6.71	6.69	6.68	6.70			
155	7.48	7.50	7.61	7.64	7.62	7.59	7.38	7.30	6.86	6.88	6.96	7.00	7.06	7.04	7.03	7.07			
160	7.77	7.84	7.83	7.86	7.83	7.83	7.68	7.62	7.27	7.26	7.32	7.33	7.39	7.37	7.39	7.38			
165	8.03	8.08	8.03	8.05	8.02	8.04	7.92	7.90	7.63	7.61	7.65	7.64	7.68	7.67	7.70	7.70			
170	8.20	8.23	8.17	8.18	8.13	8.17	8.11	8.11	7.93	7.91	7.92	7.88	7.92	7.91	7.94	7.95			
175	8.30	8.31	8.23	8.25	8.22	8.25	8.20	8.25	8.15	8.13	8.13	8.09	8.11	8.11	8.14	8.14			
180	8.35	8.34	8.29	8.24	8.25	8.29	8.30	8.31	8.33	8.33	8.30	8.24	8.25	8.27	8.28	8.31			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:KEVIN  
Test Date:2018-10-16

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