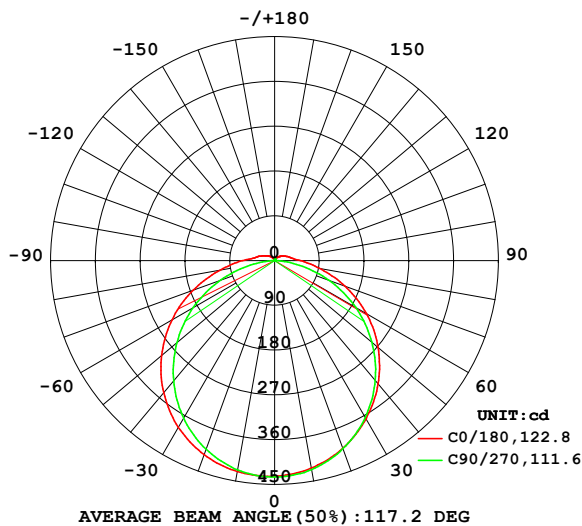


LUMINAIRE PHOTOMETRIC TEST REPORT

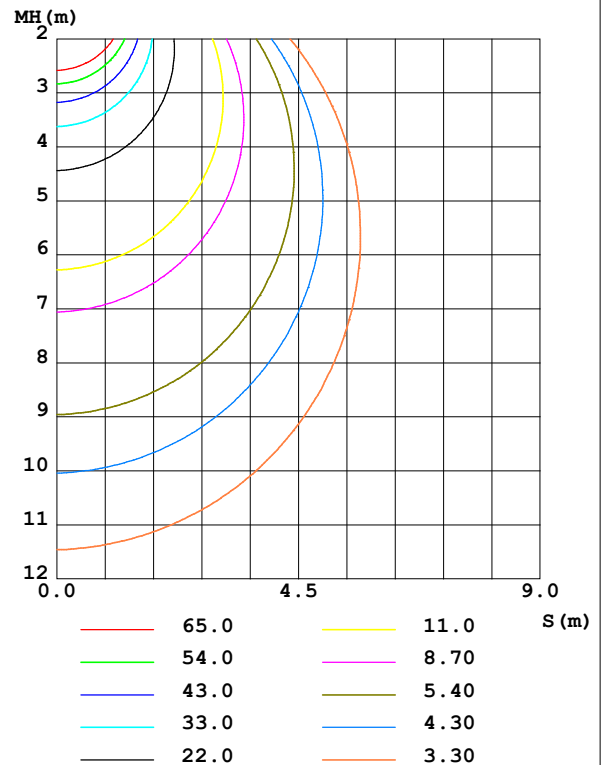
Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.29 lm/W			
MODEL	VO-T5FIXW13FT3-120-3WAY-S-D	I _{max} (cd)	435.2	S/MH(C0/180)	1.33
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1419.9	η UP,DN(C0-180)	2.4,47.3
NOMINAL FLUX(lm)	1419.85	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.5,47.8
LAMPS INSIDE	1	η up (%)	4.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down (%)	95.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CJ
Test Date: 2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity: 55%
Test Distance: 9.460m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

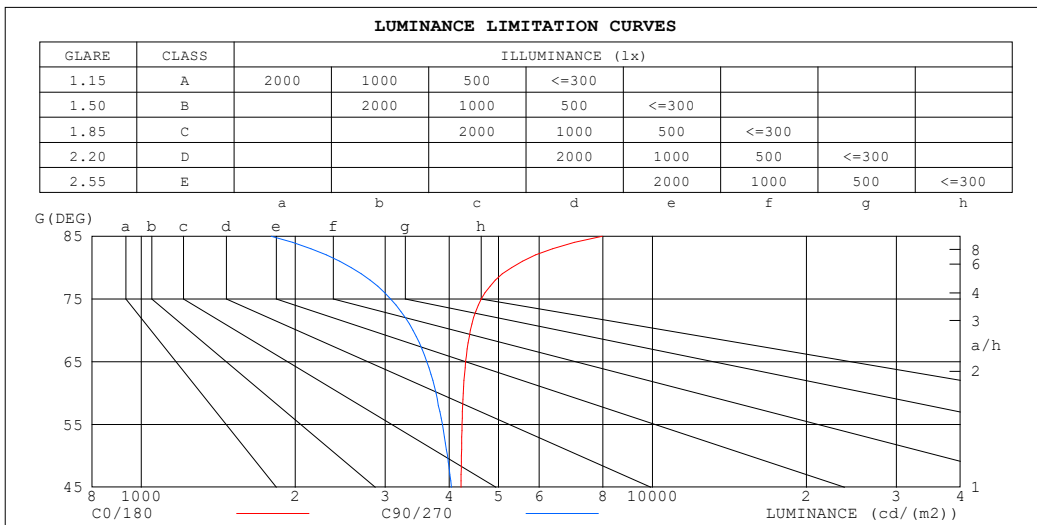
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	423.4	424.7	426.6	429.1	430.5	429.9	427.3	423.8	0- 10	41.09	41.09	2.89,2.89
20	401.5	401.2	402.1	409.5	414.8	411.0	403.2	400.8	10- 20	118.0	159.1	11.2,11.2
30	367.9	364.8	364.3	376.8	387.1	379.4	365.7	365.6	20- 30	179.8	338.9	23.9,23.9
40	323.5	318.7	314.6	332.9	346.9	334.9	315.9	319.1	30- 40	219.0	557.9	39.3,39.3
50	271.9	263.6	255.3	279.3	296.4	281.0	256.1	263.9	40- 50	231.1	788.9	55.6,55.6
60	213.3	201.7	188.6	218.1	238.1	219.3	188.6	201.6	50- 60	215.2	1004	70.7,70.7
70	150.6	136.1	116.3	152.4	174.4	152.2	115.6	135.4	60- 70	174.0	1178	83,83
80	92.02	73.25	44.68	87.16	111.4	86.75	43.62	72.47	70- 80	114.8	1293	91.1,91.1
90	52.68	33.93	0.6609	40.95	64.38	40.74	0.7042	33.56	80- 90	57.39	1350	95.1,95.1
100	33.92	16.10	0.7366	18.32	38.81	18.94	0.8820	16.61	90-100	25.23	1376	96.9,96.9
110	25.71	13.06	1.046	14.16	27.79	15.40	1.185	13.56	100-110	16.93	1392	98.1,98.1
120	18.83	9.003	1.355	11.12	20.22	11.24	1.520	9.215	110-120	11.79	1404	98.9,98.9
130	13.45	5.774	1.671	8.196	14.48	7.926	1.770	5.578	120-130	7.560	1412	99.4,99.4
140	9.203	1.980	1.987	2.006	9.923	2.020	2.033	2.040	130-140	4.267	1416	99.7,99.7
150	2.224	2.197	2.237	2.257	2.204	2.224	2.277	2.323	140-150	1.732	1418	99.9,99.9
160	2.408	2.415	2.474	2.493	2.408	2.422	2.481	2.559	150-160	1.087	1419	99.9,99.9
170	2.645	2.599	2.698	2.698	2.672	2.599	2.704	2.672	160-170	0.7211	1420	100,100
180	2.744	2.737	2.823	2.816	2.777	2.724	2.783	2.763	170-180	0.2581	1420	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CJ
Test Date:2024-03-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity:55%
Test Distance:9.460m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	Shielding Angle:



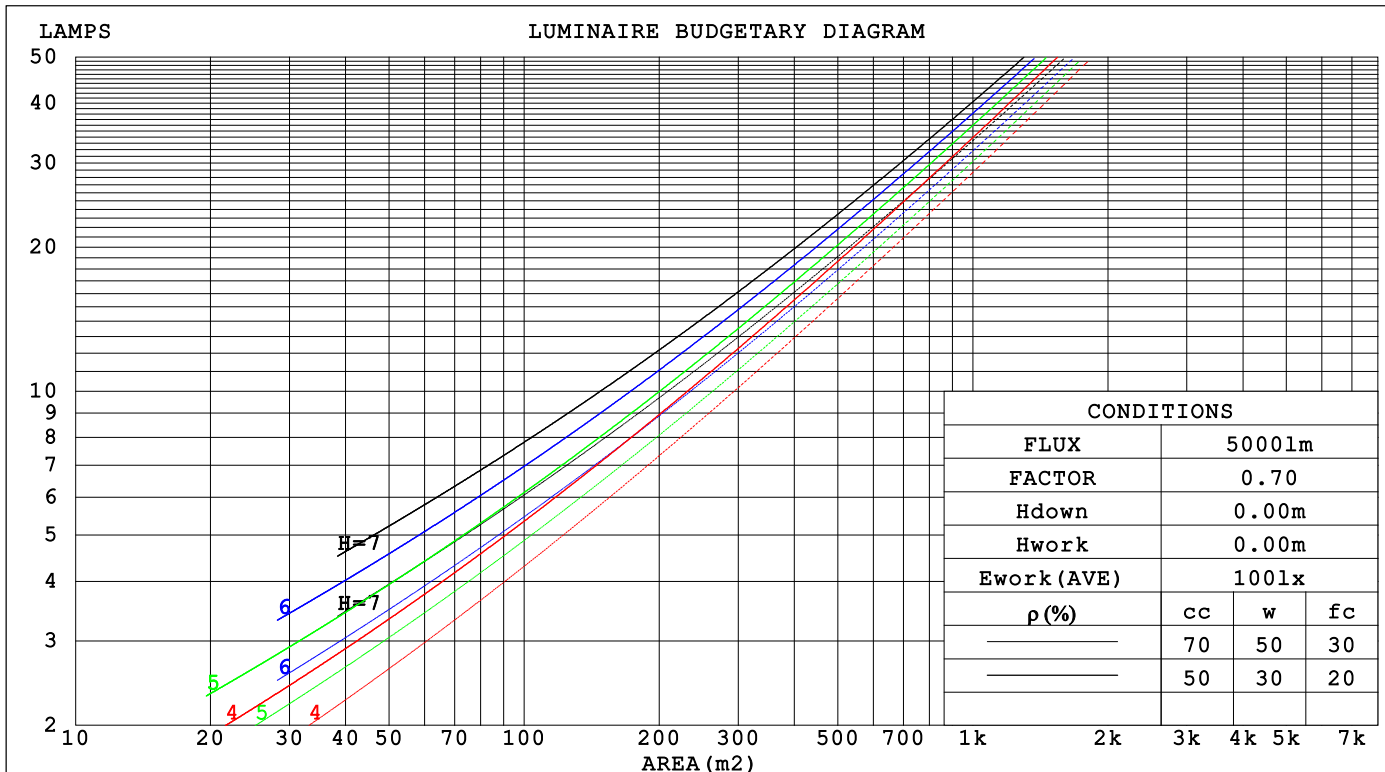
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CJ
Test Date: 2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity: 55%
Test Distance: 9.460m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	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	1.08	1.08	1.08	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.01	.96	.92	.98	.94	.90	.93	.90	.86	.88	.86	.83	.84	.82	.80	.77
2.0	.87	.80	.74	.85	.78	.73	.81	.75	.70	.77	.72	.68	.73	.69	.66	.63
3.0	.76	.68	.61	.74	.67	.60	.71	.64	.58	.67	.62	.57	.64	.59	.55	.53
4.0	.67	.58	.51	.66	.57	.51	.63	.55	.49	.60	.53	.48	.57	.52	.47	.45
5.0	.60	.51	.44	.59	.50	.44	.56	.48	.43	.53	.47	.42	.51	.45	.41	.38
6.0	.54	.45	.38	.53	.44	.38	.50	.43	.37	.48	.42	.36	.46	.40	.36	.33
7.0	.49	.40	.34	.48	.39	.33	.46	.38	.33	.44	.37	.32	.42	.36	.32	.29
8.0	.45	.36	.30	.44	.35	.30	.42	.34	.29	.40	.34	.29	.39	.33	.28	.26
9.0	.41	.32	.27	.40	.32	.27	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24
10.0	.38	.30	.24	.37	.29	.24	.36	.29	.24	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CJ
Test Date:2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity:55%
Test Distance:9.460m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	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	.340	.193	.061	.331	.189	.060	.315	.181	.058	.300	.173	.056	.286	.166	.053		
2.0	.309	.169	.052	.301	.166	.051	.287	.159	.050	.273	.153	.048	.261	.148	.047		
3.0	.281	.150	.045	.274	.147	.044	.261	.142	.043	.250	.137	.042	.238	.132	.041		
4.0	.257	.134	.039	.251	.131	.039	.239	.127	.038	.229	.123	.037	.219	.119	.036		
5.0	.236	.120	.035	.230	.118	.034	.220	.115	.034	.211	.111	.033	.202	.108	.032		
6.0	.218	.109	.031	.213	.108	.031	.204	.104	.030	.195	.101	.030	.187	.098	.029		
7.0	.202	.100	.028	.198	.098	.028	.189	.096	.028	.181	.093	.027	.174	.090	.027		
8.0	.188	.092	.026	.184	.091	.026	.177	.088	.025	.169	.086	.025	.163	.084	.024		
9.0	.176	.085	.024	.172	.084	.024	.165	.082	.023	.159	.080	.023	.153	.078	.022		
10.0	.165	.079	.022	.162	.078	.022	.155	.076	.021	.150	.074	.021	.144	.072	.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	.228	.228	.228	.195	.195	.195	.133	.133	.133	.076	.076	.076	.024	.024	.024		
1.0	.220	.194	.170	.188	.166	.146	.129	.114	.101	.074	.066	.059	.024	.021	.019		
2.0	.212	.170	.134	.182	.146	.116	.125	.101	.081	.072	.059	.047	.023	.019	.015		
3.0	.205	.152	.111	.176	.132	.096	.121	.091	.067	.070	.053	.040	.022	.017	.013		
4.0	.197	.139	.095	.169	.120	.083	.116	.084	.058	.067	.049	.035	.022	.016	.011		
5.0	.189	.129	.085	.163	.112	.074	.112	.078	.052	.065	.046	.031	.021	.015	.010		
6.0	.182	.121	.077	.157	.105	.067	.108	.073	.047	.063	.043	.028	.020	.014	.009		
7.0	.175	.114	.071	.151	.099	.062	.104	.069	.044	.060	.041	.026	.020	.013	.009		
8.0	.169	.108	.067	.145	.094	.058	.100	.066	.041	.058	.039	.025	.019	.013	.008		
9.0	.162	.104	.064	.140	.090	.056	.097	.063	.039	.056	.037	.024	.018	.012	.008		
10.0	.157	.099	.061	.135	.086	.053	.094	.061	.038	.055	.036	.023	.018	.012	.007		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CJ
Test Date:2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity:55%
Test Distance:9.460m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm										
NAME: VO-T5FIXW13FT3-120-3WAY-S-D					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 240312-020		
MFR.: EVERFINE					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	16.4	17.9	16.7	18.2	18.5	15.9	17.4	16.2	17.7	18.0
3H	18.2	19.6	18.6	19.9	20.3	17.4	18.8	17.8	19.1	19.4
4H	19.1	20.4	19.5	20.8	21.1	18.0	19.3	18.4	19.6	20.0
6H	20.0	21.2	20.4	21.6	22.0	18.4	19.6	18.8	20.0	20.3
8H	20.4	21.6	20.8	22.0	22.4	18.4	19.6	18.9	20.0	20.4
12H	20.9	22.1	21.3	22.4	22.9	18.5	19.6	18.9	20.0	20.4
4H 2H	17.0	18.3	17.4	18.6	19.0	16.6	17.9	17.0	18.2	18.6
3H	19.0	20.2	19.5	20.6	21.0	18.3	19.4	18.7	19.8	20.2
4H	20.1	21.1	20.5	21.5	22.0	19.0	20.1	19.5	20.5	20.9
6H	21.1	22.1	21.6	22.5	23.0	19.5	20.5	20.0	20.9	21.4
8H	21.7	22.5	22.1	23.0	23.5	19.7	20.6	20.2	21.0	21.5
12H	22.3	23.1	22.8	23.5	24.1	19.8	20.6	20.3	21.1	21.6
8H 4H	20.4	21.2	20.9	21.7	22.2	19.4	20.3	19.9	20.8	21.3
6H	21.6	22.4	22.1	22.9	23.4	20.2	20.9	20.7	21.4	21.9
8H	22.3	23.0	22.9	23.5	24.1	20.4	21.1	21.0	21.6	22.1
12H	23.1	23.7	23.7	24.2	24.8	20.6	21.2	21.2	21.7	22.3
12H 4H	20.4	21.2	20.9	21.7	22.2	19.5	20.3	20.0	20.8	21.3
6H	21.7	22.4	22.2	22.9	23.4	20.3	21.0	20.9	21.5	22.1
8H	22.5	23.1	23.0	23.6	24.2	20.7	21.2	21.2	21.8	22.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 1420 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.2)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CJ
Test Date:2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity:55%
Test Distance:9.460m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	Shielding Angle:

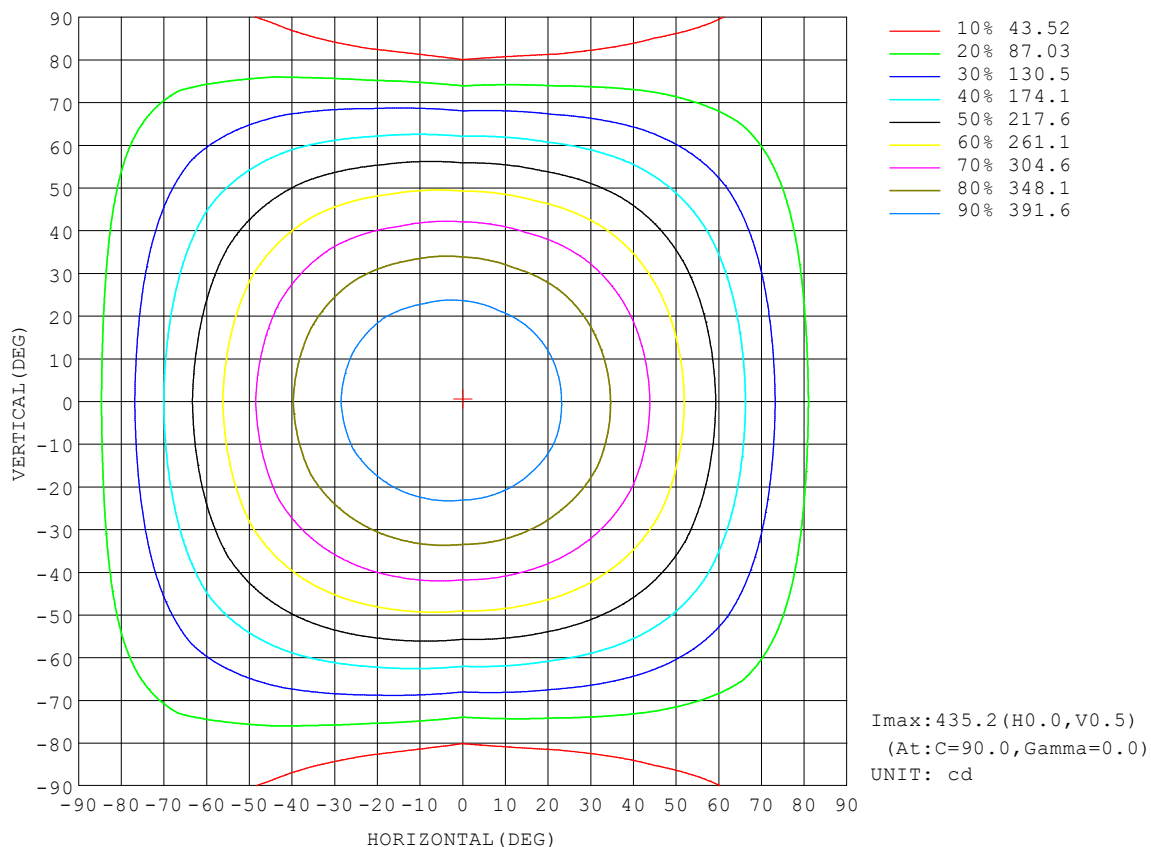
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	44	36
1.00	72	60	53	71	60	52	68	61	52	44
1.25	79	68	60	78	67	60	74	65	59	51
1.50	84	74	66	82	73	65	79	70	64	56
2.00	91	82	75	89	80	74	85	78	72	63
2.50	95	87	80	93	85	79	89	82	77	67
3.00	99	91	85	96	89	84	92	86	81	71
4.00	103	97	91	100	95	90	95	91	87	76
5.00	106	100	96	103	98	94	98	94	90	79
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: 25.3 °C
Operators: CJ
Test Date: 2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity: 55%
Test Distance: 9.460m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	Shielding Angle:

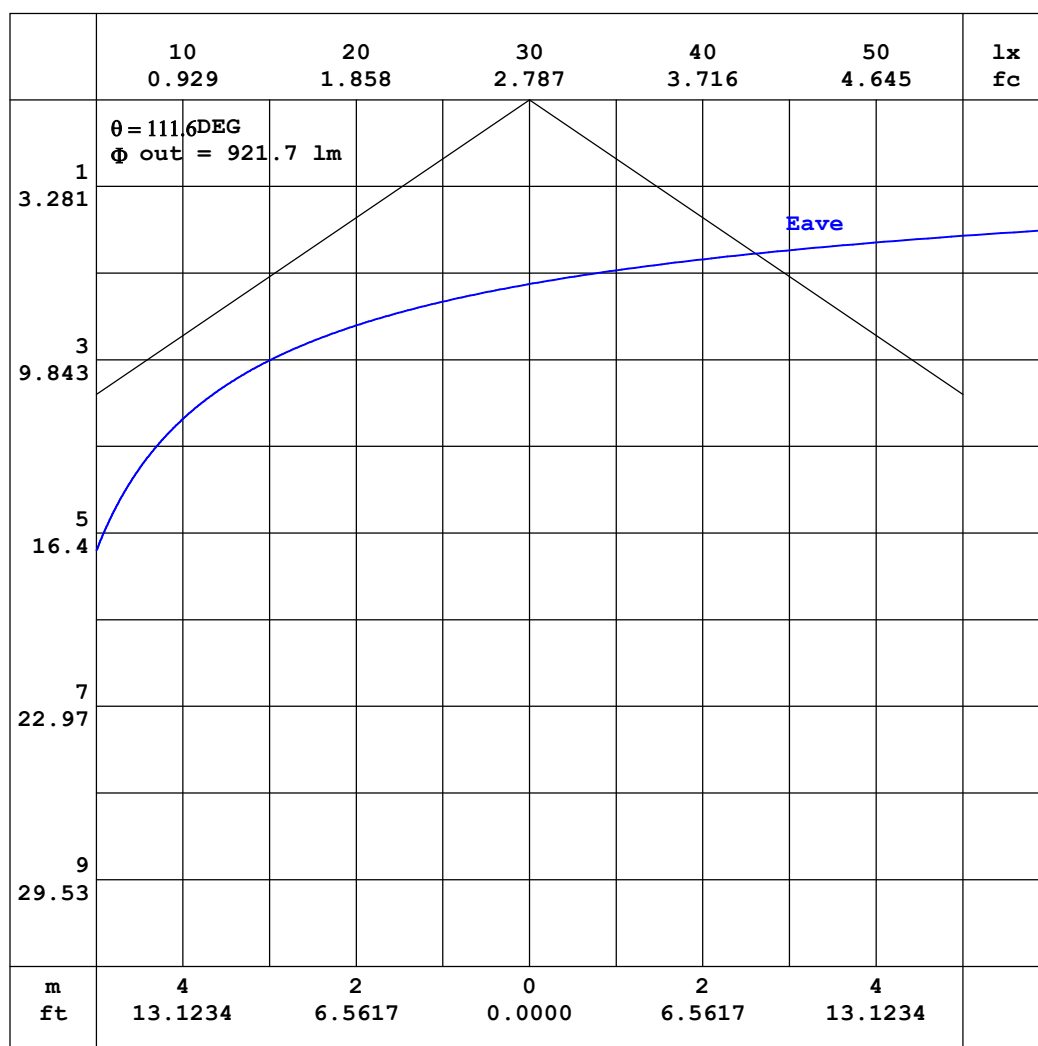


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CJ
Test Date:2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity:55%
Test Distance:9.460m [K=1.0000]
Remarks:

AAI CURVES

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	Shielding Angle:



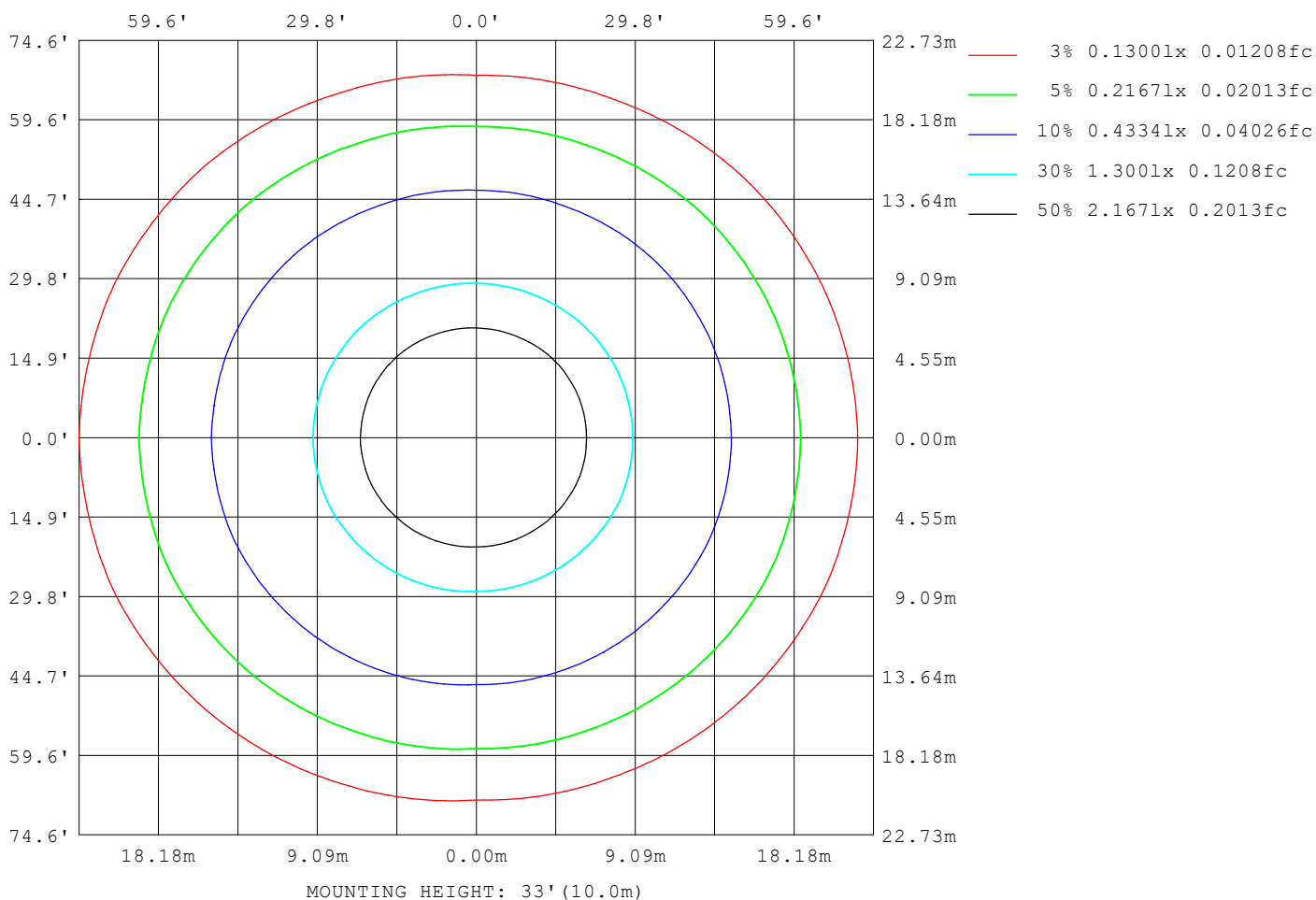
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CJ
Test Date: 2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity: 55%
Test Distance: 9.460m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CJ
Test Date:2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity:55%
Test Distance:9.460m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm		
NAME: VO-T5FIXW13FT3-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 240312-020
MFR.: EVERFINE	SUR.:	Shielding Angle:

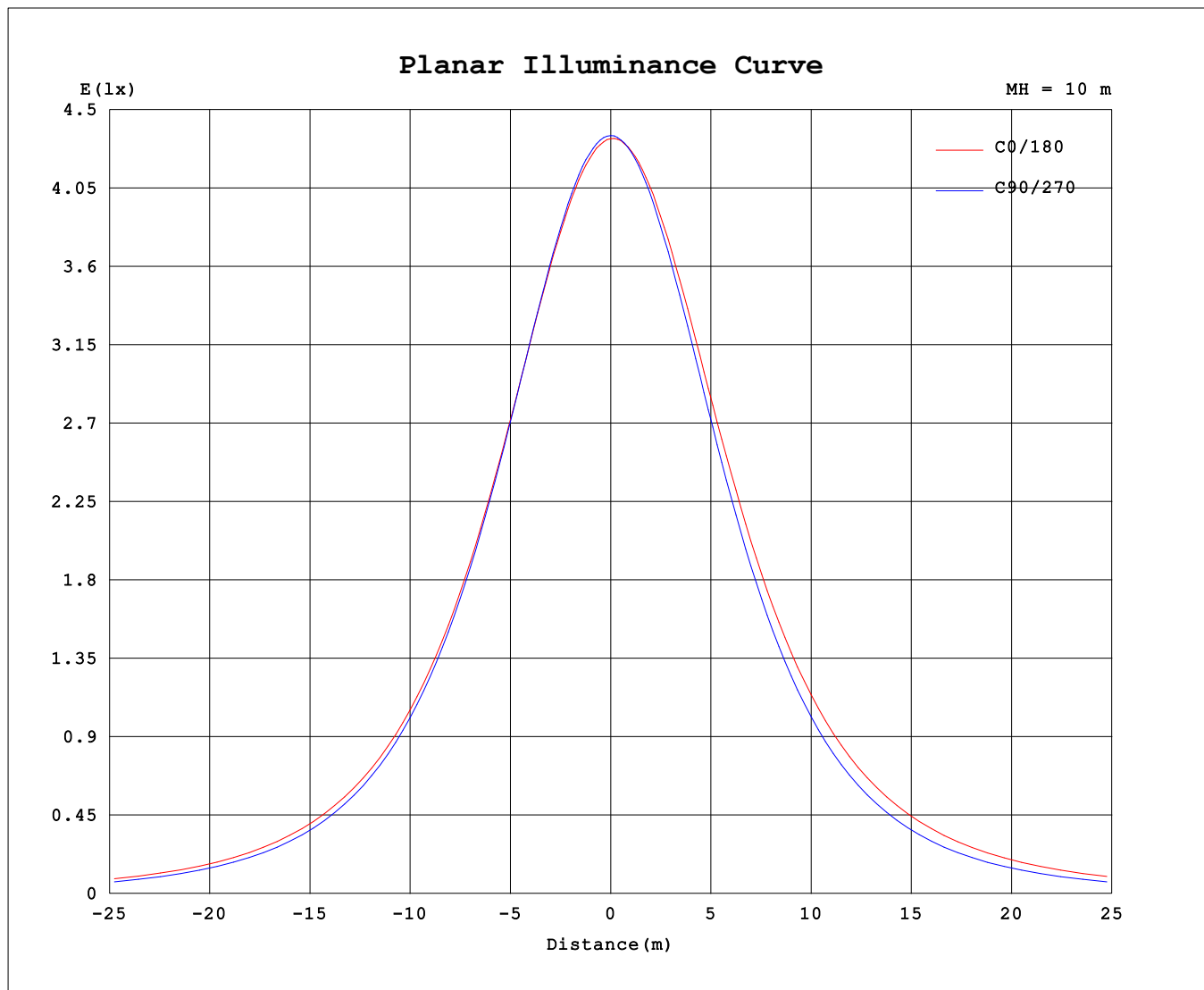
AvgL	cd/m2
L_0~180 (65) av	4601
L_0~180 (75) av	5055
L_0~180 (85) av	8877
L_90~270 (65) av	3615
L_90~270 (75) av	3056
L_90~270 (85) av	1745
L_45 (65) av	4202
L_45 (75) av	4283
L_45 (85) av	6262

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CJ
Test Date:2024-03-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity:55%
Test Distance:9.460m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators: CJ
 Test Date: 2024-03-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.460
 Humidity: 55%
 Test Distance: 9.460m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.90V I:0.1437A P:13.233W PF:0.7682 Freq:60.02Hz Lamp Flux:1419.85x1 lm																	
NAME: VO-T5FIXW13FT3-120-3WAY-S-D									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.: 240312-020		
MFR.: EVERFINE									SUR.:						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	433	434	435	434	435	434	434	433	433	434	435	434	435	434	434	433			
5	430	431	431	432	433	433	433	433	434	434	434	434	433	431	430	429			
10	423	424	425	426	427	428	429	430	430	431	430	428	427	425	424	424			
15	414	415	415	415	416	418	421	423	424	425	422	419	417	415	414	414			
20	402	402	401	401	402	405	410	413	415	415	411	406	403	401	401	401			
25	386	387	384	384	385	389	395	400	402	401	397	390	386	383	385	385			
30	368	368	365	364	364	370	377	384	387	385	379	371	366	363	366	367			
35	347	347	343	341	341	348	356	365	368	365	358	348	342	340	344	345			
40	323	324	319	315	315	323	333	344	347	343	335	323	316	314	319	322			
45	299	298	292	288	286	296	307	319	323	319	309	295	287	286	292	296			
50	272	271	264	258	255	266	279	292	296	292	281	265	256	256	264	269			
55	243	241	234	226	223	235	249	264	268	263	251	234	223	225	234	240			
60	213	211	202	193	189	202	218	233	238	233	219	200	189	192	202	208			
65	182	179	170	159	153	168	186	201	207	200	186	166	153	157	169	177			
70	151	147	136	124	116	133	152	169	174	168	152	131	116	122	135	145			
75	120	116	103	89.2	79.6	97.6	119	136	142	135	118	95.7	78.6	87.2	103	114			
80	92.0	87.4	73.3	56.6	44.7	64.1	87.2	105	111	104	86.7	62.4	43.6	54.7	72.5	85.9			
85	69.5	64.6	49.5	30.2	15.7	35.8	60.1	79.0	85.2	78.2	59.7	34.4	14.8	28.8	48.9	63.5			
90	52.7	48.0	33.9	15.5	0.66	18.1	41.0	58.6	64.4	58.0	40.7	17.6	0.70	14.9	33.6	47.3			
95	39.6	32.4	17.0	7.59	0.63	8.64	20.6	38.2	47.1	38.4	20.4	8.64	0.79	7.76	17.5	32.4			
100	33.9	27.0	16.1	5.90	0.74	5.85	18.3	30.4	38.8	31.0	18.9	6.86	0.88	6.15	16.6	27.3			
105	29.8	24.7	15.1	5.36	0.89	5.54	16.0	27.8	33.8	28.0	17.6	6.27	1.03	5.33	15.2	24.9			
110	25.7	21.8	13.1	4.64	1.05	5.05	14.2	23.3	27.8	23.7	15.4	5.48	1.18	4.71	13.6	21.9			
115	22.0	18.1	11.5	3.65	1.21	4.02	12.6	20.4	23.7	20.5	13.1	4.12	1.35	3.91	11.7	18.7			
120	18.8	15.9	9.00	1.60	1.36	1.40	11.1	17.7	20.2	17.7	11.2	1.45	1.52	1.80	9.22	16.4			
125	16.0	13.6	7.31	1.54	1.52	1.53	9.72	15.1	17.2	15.1	9.64	1.60	1.63	1.62	7.29	13.6			
130	13.5	11.2	5.77	1.68	1.67	1.70	8.20	12.7	14.5	12.6	7.93	1.74	1.77	1.77	5.58	11.3			
135	11.1	8.68	4.46	1.81	1.82	1.84	2.03	10.8	12.1	10.6	1.90	1.89	1.90	1.91	3.95	8.67			
140	9.20	6.19	1.98	1.94	1.99	1.99	2.01	6.87	9.92	5.97	2.02	2.01	2.03	2.05	2.04	6.77			
145	6.26	2.17	2.09	2.07	2.11	2.12	2.14	2.12	2.37	2.06	2.11	2.16	2.16	2.17	2.16	2.73			
150	2.22	2.22	2.20	2.20	2.24	2.26	2.26	2.23	2.20	2.18	2.22	2.28	2.28	2.31	2.32	2.34			
155	2.32	2.33	2.31	2.32	2.35	2.38	2.37	2.34	2.30	2.30	2.34	2.36	2.39	2.41	2.42	2.44			
160	2.41	2.43	2.41	2.43	2.47	2.45	2.49	2.45	2.41	2.39	2.42	2.47	2.48	2.49	2.56	2.55			
165	2.53	2.53	2.49	2.54	2.59	2.57	2.58	2.55	2.52	2.49	2.51	2.57	2.60	2.57	2.57	2.63			
170	2.64	2.59	2.60	2.63	2.70	2.70	2.70	2.66	2.67	2.58	2.60	2.66	2.70	2.66	2.67	2.71			
175	2.70	2.66	2.70	2.68	2.77	2.76	2.73	2.74	2.78	2.64	2.68	2.72	2.80	2.74	2.74	2.80			
180	2.74	2.72	2.74	2.74	2.82	2.79	2.82	2.88	2.78	2.70	2.72	2.77	2.78	2.85	2.76	2.81			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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