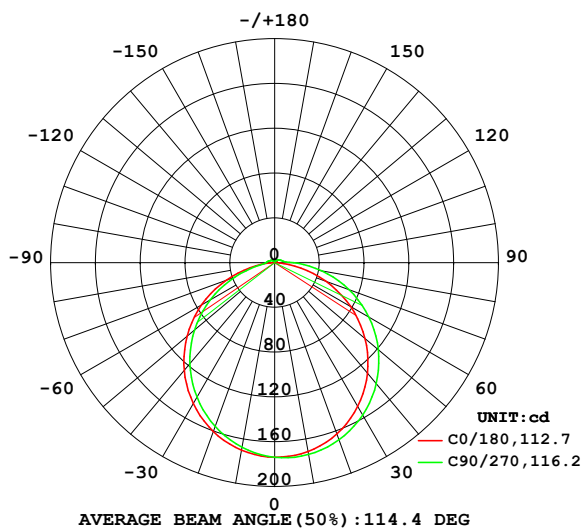


## LUMINAIRE PHOTOMETRIC TEST REPORT

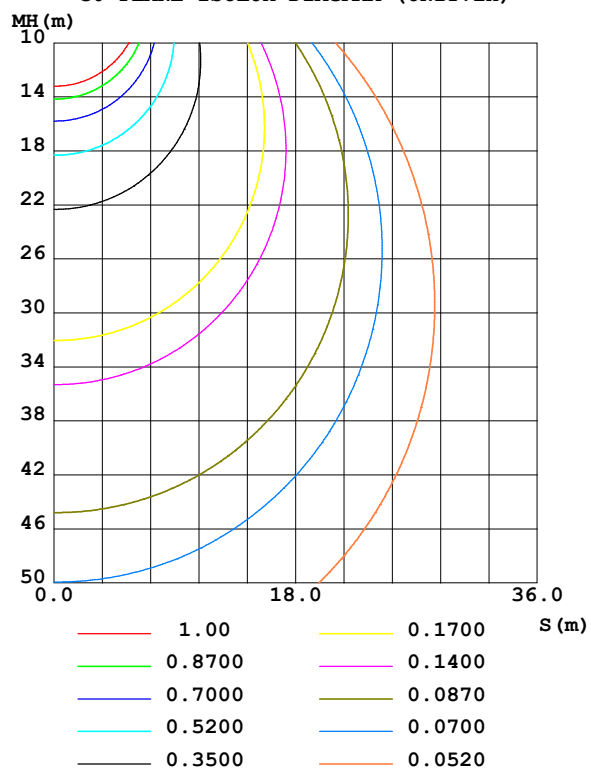
Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.72 lm/W			
MODEL		I <sub>max</sub> (cd)	174.7	S/MH(C0/180)	1.24
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	534.82	<input type="checkbox"/> UP,DN(C0-180)	2.0,53.0
NOMINAL FLUX(lm)	2.2284	CIE CLASS	DIRECT	<input type="checkbox"/> UP,DN(C180-360)	1.7,43.3
LAMPS INSIDE	240	<input type="checkbox"/> up (%)	3.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	<input type="checkbox"/> down (%)	96.3	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:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	zone	total	%lum, lamp
10	171.4	173.1	174.0	173.2	170.1	168.5	167.6	168.4	0- 10	16.45	16.45	3.08,3.08
20	162.7	166.5	168.3	166.5	160.4	157.3	155.6	157.1	10- 20	47.13	63.58	11.9,11.9
30	148.4	154.2	157.3	154.2	145.4	140.9	138.8	140.7	20- 30	71.57	135.1	25.3,25.3
40	129.0	137.0	141.2	137.1	125.7	120.6	117.9	119.7	30- 40	86.67	221.8	41.5,41.5
50	105.4	115.4	120.9	116.0	102.1	96.53	93.51	94.98	40- 50	90.61	312.4	58.4,58.4
60	78.27	90.40	97.19	91.57	75.29	69.68	66.38	67.33	50- 60	82.99	395.4	73.9,73.9
70	48.43	62.68	70.74	64.58	46.13	41.15	37.91	38.08	60- 70	64.80	460.2	86.1,86.1
80	18.54	33.73	42.55	36.29	17.22	14.88	13.84	12.64	70- 80	39.21	499.4	93.4,93.4
90	0.8243	9.766	16.88	11.88	0.6376	5.506	8.081	5.741	80- 90	15.62	515.0	96.3,96.3
100	0.4378	5.021	7.917	5.120	0.3911	3.889	6.504	4.285	90-100	5.823	520.9	97.4,97.4
110	0.7718	3.829	6.253	3.903	0.6966	3.077	5.153	3.314	100-110	4.000	524.9	98.1,98.1
120	1.106	3.008	4.890	2.718	0.9998	2.358	4.108	2.693	110-120	3.006	527.9	98.7,98.7
130	1.409	2.485	3.768	2.171	1.282	1.979	3.154	2.278	120-130	2.248	530.1	99.1,99.1
140	1.669	2.193	2.944	1.956	1.528	1.803	2.605	2.020	130-140	1.680	531.8	99.4,99.4
150	1.887	2.093	2.423	1.867	1.770	1.770	2.142	1.913	140-150	1.262	533.1	99.7,99.7
160	2.086	2.117	2.202	2.003	2.006	1.941	1.991	2.056	150-160	0.9240	534.0	99.8,99.8
170	2.295	2.292	2.259	2.223	2.253	2.193	2.183	2.259	160-170	0.6032	534.6	100,100
180	2.449	2.421	2.404	2.440	2.454	2.423	2.409	2.440	170-180	0.2209	534.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 276.46 lm

%lum = 51.7%

%lamp = 51.7%

Conical surface Flux(120deg): 395.41 lm

%lum = 73.9%

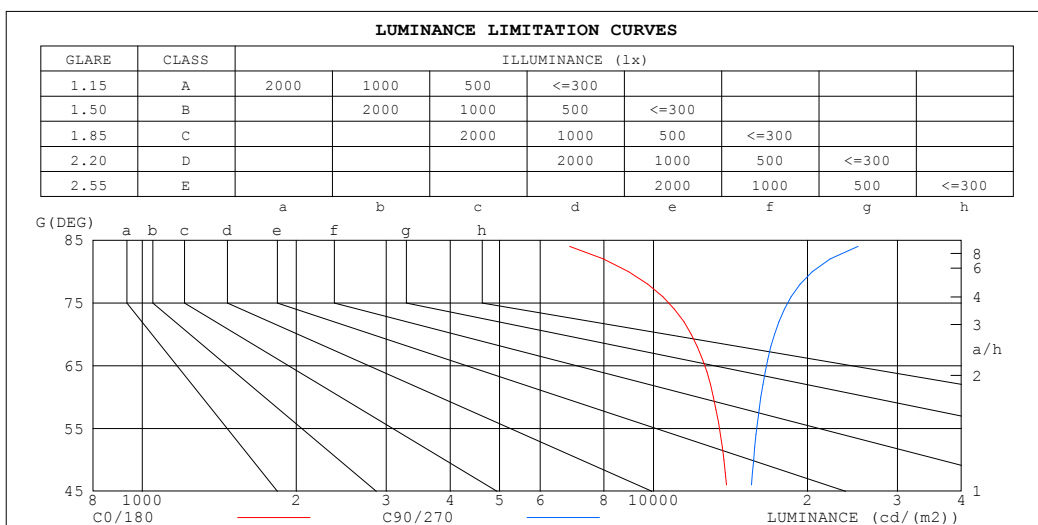
%lamp = 73.9%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:YSL  
 Test Date:2021-07-09

□ Range: 0 - 180DEG  
 □ Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity:65.0%  
 Test Distance:5.749m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8223	30124
80	8933	20443
75	11696	19210
70	11847	17256
65	13190	17154
60	13098	16217
55	13845	16257
50	13726	15691
45	14206	15756

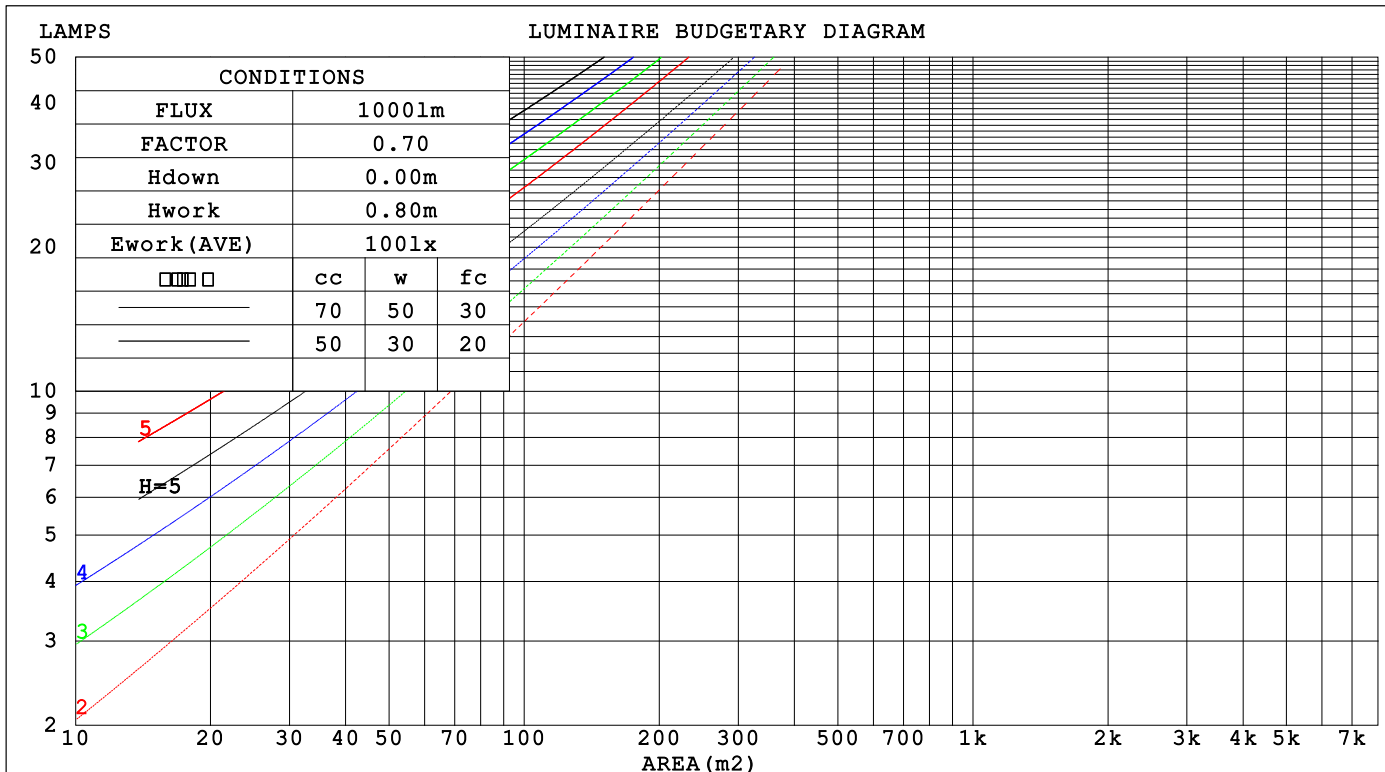
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz		
Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0														
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
□fc	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	1.04	1.04	1.04	.99	.99	.99	.96														
1.0	1.02	.98	.94	.90	.96	.92	.95	.91	.88	.90	.87	.85	.86	.84	.82	.79														
2.0	.89	.82	.76	.87	.80	.75	.82	.77	.72	.79	.74	.70	.75	.71	.68	.66														
3.0	.78	.69	.63	.76	.68	.62	.72	.66	.60	.69	.64	.59	.66	.61	.57	.55														
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.59	.53	.49	.47														
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.43	.40														
6.0	.55	.46	.40	.54	.45	.39	.52	.44	.39	.50	.43	.38	.48	.42	.37	.35														
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.44	.38	.33	.31														
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.41	.35	.30	.40	.34	.30	.28														
9.0	.42	.33	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25														
10.0	.38	.31	.25	.38	.30	.25	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22														



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

□ Range: 0 - 180DEG  
□ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Wall Exitance Coefficients(WEC)
0.0						
1.0	.323 .184 .058	.315 .180 .057	.300 .172 .055	.285 .165 .053	.272 .158 .051	
2.0	.299 .164 .050	.292 .161 .049	.278 .155 .048	.265 .149 .047	.254 .143 .045	
3.0	.275 .146 .044	.268 .144 .043	.256 .139 .042	.245 .134 .041	.234 .130 .040	
4.0	.252 .131 .039	.246 .129 .038	.235 .125 .037	.225 .121 .037	.216 .117 .036	
5.0	.232 .118 .034	.227 .117 .034	.217 .113 .033	.208 .110 .033	.200 .107 .032	
6.0	.215 .108 .031	.210 .106 .031	.202 .103 .030	.193 .101 .030	.186 .098 .029	
7.0	.200 .099 .028	.196 .097 .028	.188 .095 .027	.180 .092 .027	.173 .090 .026	
8.0	.186 .091 .026	.183 .090 .025	.176 .088 .025	.169 .086 .025	.163 .083 .024	
9.0	.174 .084 .024	.171 .083 .023	.165 .081 .023	.159 .079 .023	.153 .078 .022	
10.0	.164 .079 .022	.161 .078 .022	.155 .076 .021	.149 .074 .021	.144 .073 .021	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Ceiling Cavity Exitance Coefficients(CCEC)
0.0	.219 .219 .219	.187 .187 .187	.128 .128 .128	.073 .073 .073	.023 .023 .023	
1.0	.210 .184 .162	.179 .158 .139	.123 .109 .096	.071 .063 .056	.023 .020 .018	
2.0	.202 .160 .126	.173 .138 .109	.118 .096 .076	.068 .056 .044	.022 .018 .014	
3.0	.194 .143 .102	.166 .123 .089	.114 .086 .062	.066 .050 .037	.021 .016 .012	
4.0	.186 .130 .087	.160 .112 .075	.110 .078 .053	.064 .046 .031	.020 .015 .010	
5.0	.179 .120 .076	.154 .104 .066	.106 .072 .047	.061 .042 .028	.020 .014 .009	
6.0	.172 .111 .068	.148 .096 .059	.102 .068 .042	.059 .040 .025	.019 .013 .008	
7.0	.165 .105 .062	.142 .091 .054	.098 .064 .038	.057 .037 .023	.018 .012 .008	
8.0	.158 .099 .058	.136 .086 .050	.094 .060 .036	.055 .035 .021	.018 .012 .007	
9.0	.152 .094 .054	.131 .081 .047	.091 .057 .034	.053 .034 .020	.017 .011 .007	
10.0	.147 .090 .052	.126 .078 .045	.088 .055 .032	.051 .032 .019	.017 .011 .006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm										
NAME: NS-T1212-TW-10					TYPE:			WEIGHT:		
SPEC.:					DIM.: 1*0.012*0.012MM			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	24.2	25.7	24.5	26.0	26.2	25.0	26.5	25.3	26.7	27.0
3H	25.7	27.1	26.1	27.4	27.7	27.0	28.4	27.3	28.7	29.0
4H	26.3	27.6	26.7	28.0	28.3	27.9	29.2	28.3	29.6	29.9
6H	26.7	27.9	27.1	28.3	28.6	28.8	30.0	29.2	30.4	30.7
8H	26.8	28.0	27.2	28.3	28.7	29.2	30.4	29.6	30.8	31.1
12H	26.8	28.0	27.2	28.3	28.7	29.6	30.8	30.0	31.1	31.5
4H 2H	25.0	26.3	25.4	26.6	27.0	25.6	26.9	26.0	27.2	27.6
3H	26.8	27.9	27.2	28.3	28.7	27.8	28.9	28.2	29.3	29.7
4H	27.5	28.5	27.9	28.9	29.3	28.9	29.9	29.3	30.3	30.8
6H	28.0	29.0	28.5	29.4	29.8	30.0	30.9	30.4	31.3	31.8
8H	28.2	29.0	28.6	29.5	29.9	30.5	31.3	30.9	31.8	32.2
12H	28.2	29.0	28.7	29.5	30.0	31.0	31.8	31.5	32.2	32.7
8H 4H	28.0	28.9	28.5	29.3	29.8	29.2	30.1	29.7	30.5	31.0
6H	28.7	29.5	29.2	29.9	30.4	30.5	31.2	31.0	31.7	32.2
8H	29.0	29.6	29.5	30.1	30.7	31.1	31.8	31.6	32.3	32.8
12H	29.2	29.7	29.7	30.2	30.8	31.8	32.4	32.3	32.9	33.4
12H 4H	28.1	28.9	28.6	29.3	29.8	29.2	30.0	29.7	30.5	30.9
6H	28.9	29.6	29.4	30.1	30.6	30.5	31.2	31.1	31.7	32.2
8H	29.3	29.8	29.8	30.3	30.9	31.3	31.8	31.8	32.3	32.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 534.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.2)  
Area: 0.012 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

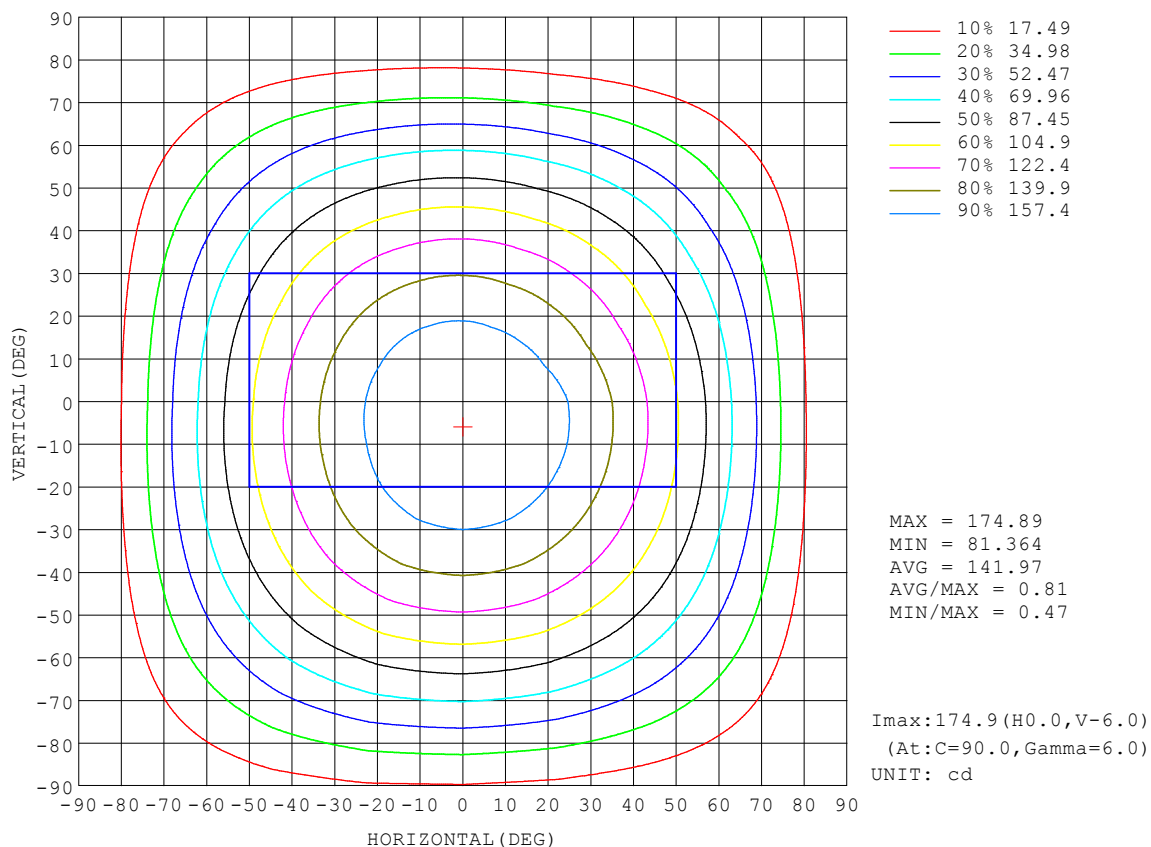
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	62	54	70	63	54	46
1.25	81	70	63	79	69	62	76	67	61	53
1.50	86	76	68	84	74	68	81	72	66	58
2.00	93	84	77	91	82	76	87	80	74	66
2.50	97	89	82	95	87	81	90	84	79	70
3.00	100	93	87	98	91	86	93	88	83	74
4.00	104	98	93	102	96	92	97	92	89	79
5.00	107	102	97	104	99	95	99	95	92	82
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:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

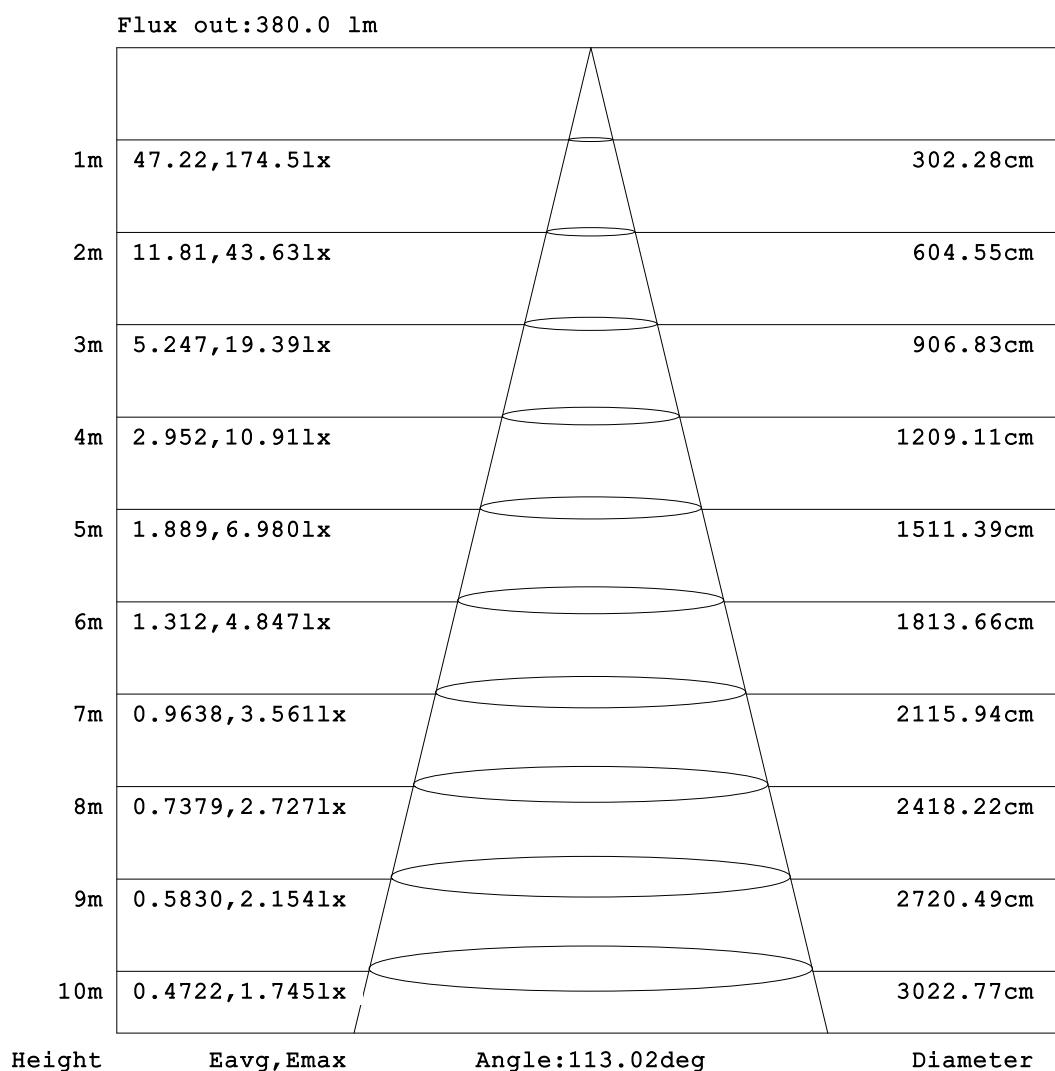


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### AAI Figure

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



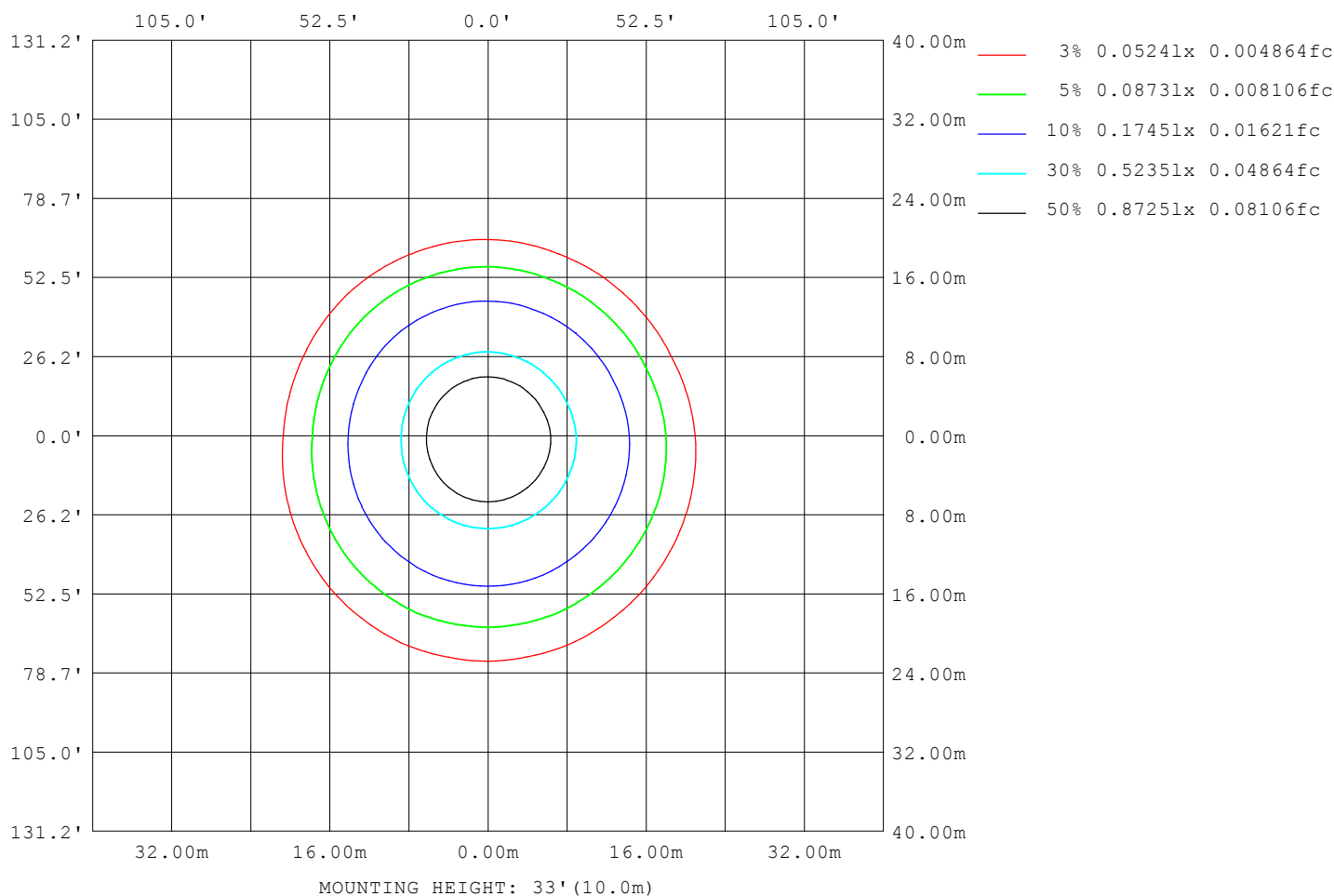
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### LED Avg.L Report

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

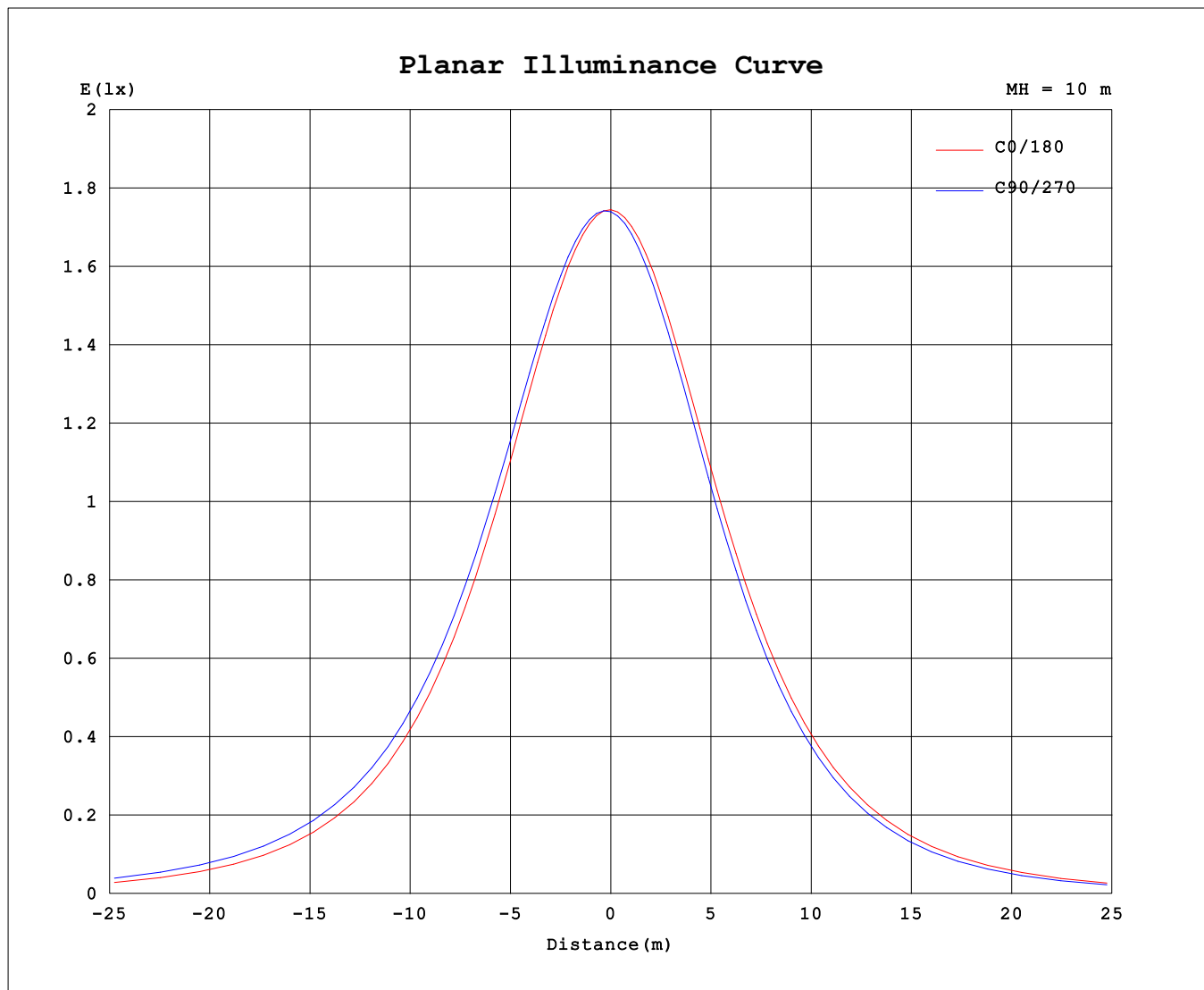
AvgL	cd/m2
L_0~180 (65) av	12279
L_0~180 (75) av	10375
L_0~180 (85) av	5884
L_90~270 (65) av	13445
L_90~270 (75) av	13081
L_90~270 (85) av	18155
L_45 (65) av	12982
L_45 (75) av	12074
L_45 (85) av	13678

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: YSL  
 Test Date: 2021-07-09

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 5.749m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.4394A P:10.545W PF:1.0000 Freq:0Hz Lamp Flux:2.2284x240 lm		
NAME: NS-T1212-TW-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (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	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174			
5	174	174	174	174	175	175	174	174	173	173	172	172	172	172	172	173			
10	171	172	173	174	174	174	173	172	170	169	168	168	168	168	168	170			
15	169	170	171	172	172	172	171	169	167	166	165	164	163	163	165	166			
20	163	165	166	168	168	168	166	164	160	159	157	156	156	156	157	159			
25	158	160	162	164	165	164	162	159	155	153	151	150	149	149	151	154			
30	148	152	154	157	157	157	154	150	145	143	141	139	139	139	141	144			
35	141	145	148	151	151	151	148	143	138	135	133	132	131	131	133	136			
40	129	133	137	140	141	141	137	132	126	122	121	119	118	118	120	123			
45	120	125	129	132	134	133	129	123	117	113	111	109	108	108	110	114			
50	105	111	115	120	121	120	116	110	102	98.3	96.5	94.5	93.5	92.9	95.0	98.7			
55	94.9	101	106	110	112	111	107	99.7	91.7	87.8	86.1	84.0	82.9	82.2	84.2	88.0			
60	78.3	84.6	90.4	95.3	97.2	96.5	91.6	84.0	75.3	71.4	69.7	67.6	66.4	65.5	67.3	71.0			
65	66.6	73.4	79.5	84.8	86.9	86.2	81.0	73.1	63.8	60.0	58.4	56.3	55.0	54.0	55.7	59.3			
70	48.4	55.7	62.7	68.4	70.7	69.9	64.6	56.0	46.1	42.5	41.1	39.1	37.9	36.7	38.1	41.3			
75	36.2	43.8	51.1	57.1	59.6	58.8	53.3	44.4	34.2	31.0	29.9	28.1	27.0	25.8	26.8	29.4			
80	18.5	26.2	33.7	39.9	42.5	41.8	36.3	27.3	17.2	15.0	14.9	14.2	13.8	12.8	12.6	13.6			
85	8.57	15.6	22.8	28.8	31.5	30.8	25.4	16.9	7.73	6.92	8.09	9.10	9.60	8.96	7.54	6.20			
90	0.82	4.49	9.77	14.6	16.9	16.3	11.9	5.49	0.64	2.70	5.51	7.40	8.08	7.47	5.74	3.14			
95	0.28	2.86	6.11	9.04	10.6	9.99	6.90	3.01	0.28	2.19	4.90	6.76	7.43	6.81	5.10	2.56			
100	0.44	2.20	5.02	7.14	7.92	7.33	5.12	2.20	0.39	1.70	3.89	5.88	6.50	5.90	4.28	2.00			
105	0.57	1.94	4.48	6.49	7.22	6.66	4.59	2.00	0.51	1.56	3.56	5.35	5.93	5.36	3.84	1.77			
110	0.77	1.71	3.83	5.60	6.25	5.75	3.90	1.74	0.70	1.39	3.08	4.47	5.15	4.64	3.31	1.54			
115	0.91	1.62	3.46	5.06	5.68	5.15	3.40	1.60	0.82	1.33	2.81	4.05	4.69	4.24	3.04	1.46			
120	1.11	1.57	3.01	4.34	4.89	4.36	2.72	1.51	1.00	1.29	2.36	3.56	4.11	3.72	2.69	1.42			
125	1.23	1.58	2.77	3.92	4.41	3.91	2.42	1.47	1.12	1.29	2.17	3.28	3.71	3.41	2.50	1.41			
130	1.41	1.63	2.49	3.38	3.77	3.22	2.17	1.49	1.28	1.34	1.98	2.76	3.15	3.01	2.28	1.41			
135	1.52	1.67	2.34	3.09	3.40	2.81	2.05	1.51	1.38	1.39	1.89	2.48	2.92	2.78	2.17	1.49			
140	1.67	1.75	2.19	2.72	2.94	2.39	1.96	1.58	1.53	1.51	1.80	2.22	2.60	2.48	2.02	1.63			
145	1.75	1.81	2.13	2.54	2.70	2.24	1.89	1.66	1.63	1.59	1.77	2.09	2.39	2.31	1.94	1.72			
150	1.89	1.93	2.09	2.33	2.42	2.08	1.87	1.81	1.77	1.72	1.77	1.97	2.14	2.07	1.91	1.84			
155	1.97	2.01	2.09	2.23	2.31	2.04	1.89	1.89	1.86	1.81	1.82	1.92	2.02	1.99	1.96	1.93			
160	2.09	2.12	2.12	2.16	2.20	2.03	2.00	2.03	2.01	1.96	1.94	1.96	1.99	2.01	2.06	2.07			
165	2.17	2.20	2.18	2.16	2.20	2.07	2.08	2.12	2.11	2.06	2.03	2.03	2.07	2.07	2.13	2.16			
170	2.29	2.31	2.29	2.25	2.26	2.22	2.22	2.27	2.25	2.22	2.19	2.17	2.18	2.19	2.26	2.29			
175	2.37	2.38	2.36	2.33	2.31	2.30	2.32	2.38	2.34	2.32	2.29	2.27	2.28	2.27	2.34	2.38			
180	2.45	2.44	2.42	2.40	2.40	2.39	2.44	2.48	2.45	2.44	2.42	2.40	2.41	2.39	2.44	2.48			

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C Interval: 22.5DEG  
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