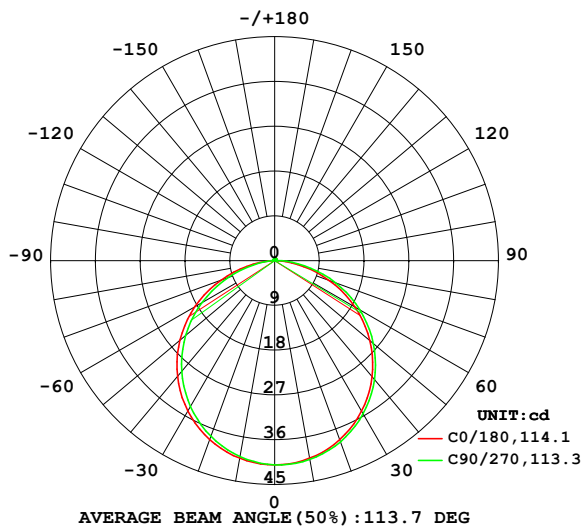


## LUMINAIRE PHOTOMETRIC TEST REPORT

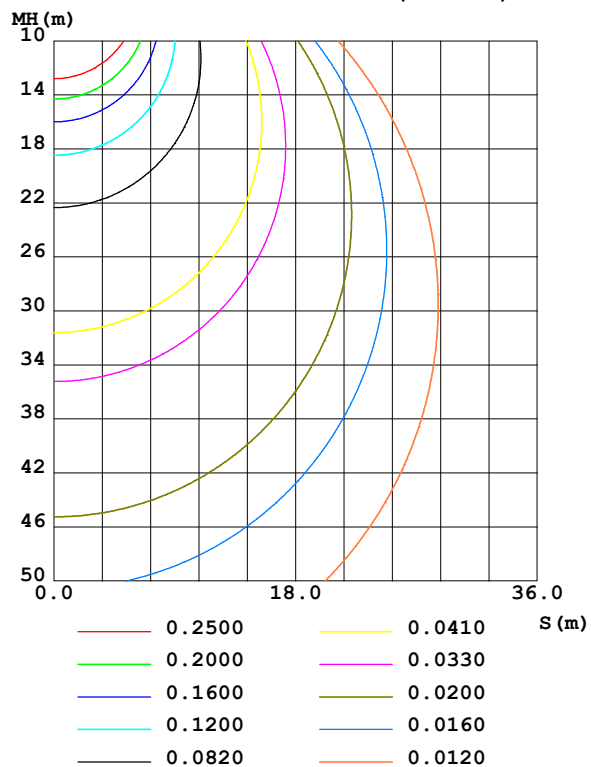
Test:U:23.998V I:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 43.91 lm/W			
MODEL		I <sub>max</sub> (cd)	41.07	S/MH(C0/180)	1.26
NOMINAL POWER(W)	2.5	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	120.97	□ UP,DN(C0-180)	0.9,51.1
NOMINAL FLUX(lm)	1.26009	CIE CLASS	DIRECT	□ UP,DN(C180-360)	0.9,47.1
LAMPS INSIDE	96	□ up (%)	1.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	□ down (%)	98.2	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:2021-07-08

□ 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	40.34	40.47	40.59	40.60	40.34	40.19	40.00	40.06	0- 10	3.883	3.883	3.21,3.21
20	38.29	38.54	38.73	38.74	38.27	37.96	37.56	37.72	10- 20	11.13	15.01	12.4,12.4
30	34.95	35.29	35.55	35.56	34.90	34.42	33.86	34.10	20- 30	16.91	31.92	26.4,26.4
40	30.47	30.90	31.22	31.22	30.38	29.77	29.06	29.36	30- 40	20.45	52.37	43.3,43.3
50	24.99	25.51	25.91	25.87	24.86	24.14	23.34	23.68	40- 50	21.32	73.70	60.9,60.9
60	18.67	19.30	19.79	19.68	18.49	17.71	16.86	17.21	50- 60	19.40	93.09	77,77
70	11.70	12.44	13.03	12.85	11.47	10.70	9.883	10.18	60- 70	14.87	108.0	89.3,89.3
80	4.689	5.448	6.081	5.818	4.408	3.867	3.280	3.451	70- 80	8.460	116.4	96.2,96.2
90	0.3167	0.6024	0.8489	0.6906	0.1878	0.3994	0.4105	0.4492	80- 90	2.329	118.8	98.2,98.2
100	0.0976	0.3140	0.2208	0.2497	0.0882	0.3069	0.3619	0.3804	90-100	0.3446	119.1	98.5,98.5
110	0.1810	0.3449	0.2611	0.2805	0.1550	0.3164	0.3609	0.3730	100-110	0.2949	119.4	98.7,98.7
120	0.2573	0.3853	0.3204	0.3066	0.2312	0.3212	0.3775	0.3757	110-120	0.3063	119.7	99,99
130	0.3335	0.4163	0.3727	0.3542	0.2979	0.3474	0.3965	0.3899	120-130	0.3092	120.0	99.2,99.2
140	0.3907	0.4401	0.4154	0.3994	0.3574	0.3759	0.4131	0.4114	130-140	0.2948	120.3	99.5,99.5
150	0.4407	0.4734	0.4511	0.4161	0.4122	0.4116	0.4250	0.4423	140-150	0.2608	120.6	99.7,99.7
160	0.4884	0.4948	0.4843	0.4731	0.4694	0.4568	0.4654	0.4780	150-160	0.2095	120.8	99.8,99.8
170	0.5360	0.5376	0.5175	0.5206	0.5242	0.5092	0.5081	0.5208	160-170	0.1404	120.9	100,100
180	0.5742	0.5638	0.5603	0.5659	0.5718	0.5662	0.5603	0.5683	170-180	0.0514	121.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 65.242 lm

%lum = 53.9%

%lamp = 53.9%

Conical surface Flux(120deg): 93.093 lm

%lum = 77.0%

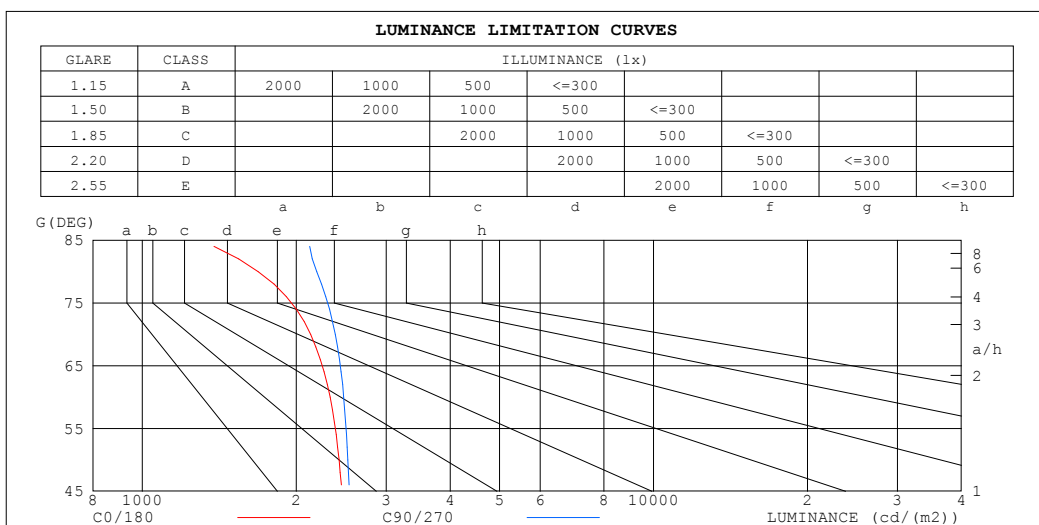
%lamp = 77.0%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-08

□ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1656	2550
80	1684	2192
75	2131	2475
70	2133	2385
65	2353	2540
60	2330	2477
55	2453	2570
50	2425	2523
45	2504	2585

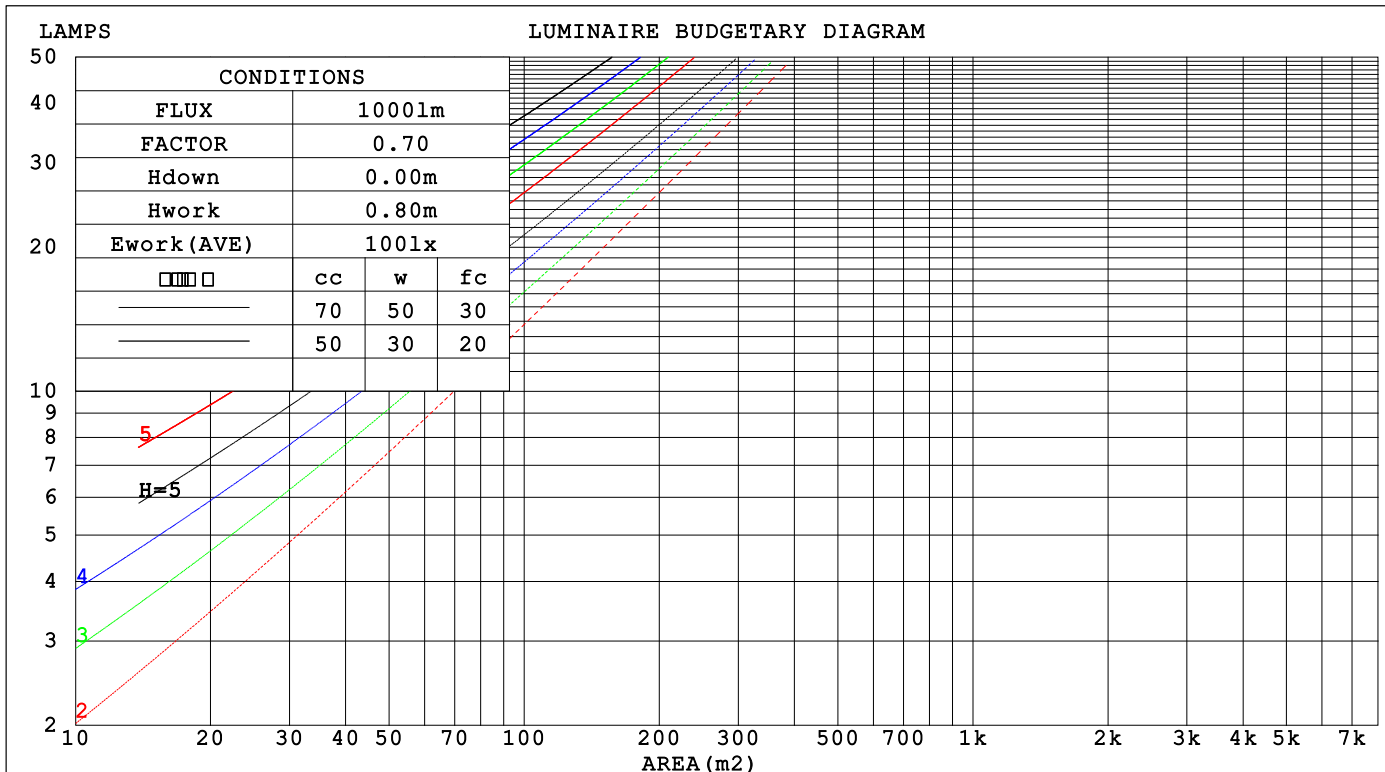
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-08

☐ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.80	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-08

□ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*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	.311 .177 .056	.303 .173 .055	.289 .166 .053	.276 .159 .051	.264 .153 .049	
2.0	.292 .160 .049	.286 .157 .048	.273 .152 .047	.261 .147 .046	.251 .142 .045	
3.0	.270 .144 .043	.265 .142 .043	.253 .137 .042	.243 .133 .041	.233 .129 .040	
4.0	.250 .130 .038	.244 .128 .038	.234 .124 .037	.225 .121 .036	.216 .117 .036	
5.0	.231 .118 .034	.226 .116 .034	.217 .113 .033	.209 .110 .033	.201 .107 .032	
6.0	.214 .107 .031	.210 .106 .030	.202 .103 .030	.194 .101 .030	.187 .099 .029	
7.0	.199 .098 .028	.195 .097 .028	.188 .095 .027	.181 .093 .027	.175 .091 .027	
8.0	.186 .091 .026	.182 .090 .025	.176 .088 .025	.170 .086 .025	.164 .084 .025	
9.0	.174 .084 .024	.171 .083 .023	.165 .082 .023	.160 .080 .023	.154 .078 .023	
10.0	.164 .078 .022	.161 .078 .022	.156 .076 .021	.151 .075 .021	.146 .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	.204 .204 .204	.175 .175 .175	.119 .119 .119	.068 .068 .068	.022 .022 .022	
1.0	.194 .170 .148	.166 .146 .128	.114 .100 .088	.065 .058 .051	.021 .019 .017	
2.0	.186 .146 .112	.160 .126 .097	.109 .087 .068	.063 .051 .040	.020 .016 .013	
3.0	.179 .129 .088	.153 .111 .077	.105 .077 .054	.061 .045 .032	.020 .015 .010	
4.0	.171 .115 .073	.147 .100 .063	.101 .069 .044	.058 .041 .026	.019 .013 .009	
5.0	.164 .105 .061	.141 .091 .053	.097 .063 .038	.056 .037 .022	.018 .012 .007	
6.0	.157 .097 .053	.135 .084 .047	.093 .059 .033	.054 .034 .020	.017 .011 .006	
7.0	.150 .090 .048	.129 .078 .041	.089 .055 .029	.052 .032 .017	.017 .011 .006	
8.0	.143 .084 .043	.123 .073 .038	.085 .051 .027	.050 .030 .016	.016 .010 .005	
9.0	.137 .079 .040	.118 .069 .035	.082 .048 .025	.048 .028 .015	.015 .009 .005	
10.0	.132 .075 .037	.113 .065 .032	.079 .046 .023	.046 .027 .014	.015 .009 .005	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-08

☐ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm											
NAME: NS-T1615-RGBW-10-W					TYPE:			WEIGHT:			
SPEC.:					DIM.: 1000*16*15MM			SERIAL No.:			
MFR.:					SUR.: 0.016*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		23.3	24.8	23.6	25.0	25.3	23.5	25.0	23.8	25.2	25.5
3H		24.8	26.2	25.2	26.5	26.8	25.2	26.6	25.5	26.8	27.1
4H		25.4	26.8	25.8	27.0	27.3	25.9	27.2	26.2	27.5	27.8
6H		25.8	27.1	26.2	27.4	27.7	26.4	27.7	26.8	28.0	28.3
8H		25.9	27.1	26.3	27.5	27.8	26.6	27.8	27.0	28.1	28.5
12H		26.0	27.1	26.4	27.5	27.8	26.8	27.9	27.1	28.2	28.6
4H 2H		24.0	25.3	24.3	25.6	25.9	24.1	25.4	24.5	25.7	26.0
3H		25.7	26.8	26.1	27.2	27.5	26.0	27.1	26.4	27.5	27.8
4H		26.4	27.5	26.8	27.8	28.2	26.8	27.9	27.2	28.2	28.6
6H		26.9	27.9	27.4	28.3	28.7	27.5	28.4	27.9	28.8	29.2
8H		27.1	28.0	27.5	28.4	28.8	27.8	28.6	28.2	29.0	29.5
12H		27.2	28.0	27.6	28.4	28.8	27.9	28.7	28.4	29.2	29.6
8H 4H		26.7	27.6	27.2	28.0	28.4	27.1	28.0	27.5	28.4	28.8
6H		27.4	28.1	27.9	28.6	29.0	27.9	28.7	28.4	29.1	29.6
8H		27.6	28.3	28.1	28.7	29.2	28.3	28.9	28.8	29.4	29.9
12H		27.8	28.3	28.3	28.8	29.3	28.6	29.1	29.1	29.6	30.1
12H 4H		26.8	27.6	27.2	28.0	28.4	27.1	27.9	27.6	28.3	28.8
6H		27.5	28.1	28.0	28.6	29.1	28.0	28.6	28.5	29.1	29.6
8H		27.8	28.3	28.3	28.8	29.3	28.4	28.9	28.9	29.4	29.9
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.2					+ 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, 121.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.3)  
Area: 0.016 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-08

☐ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:

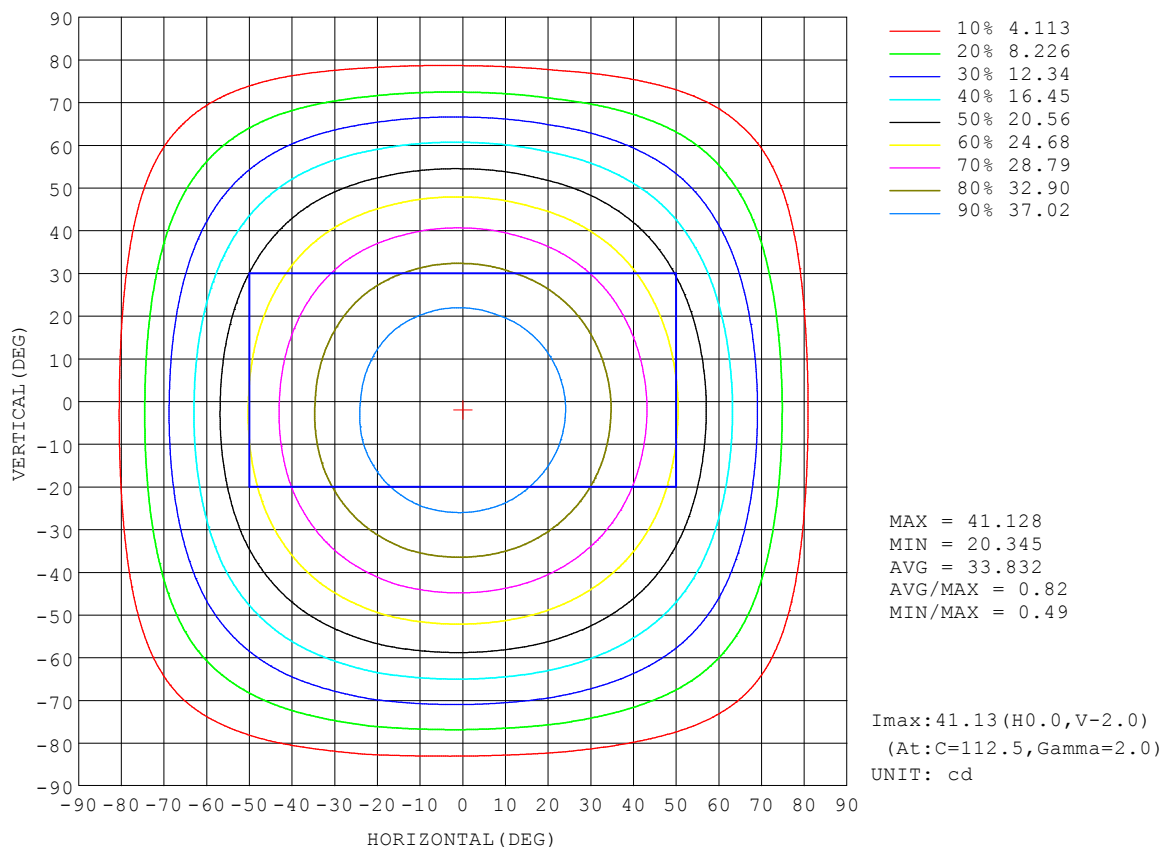
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	57	74	63	56	71	65	56	48
1.25	82	72	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	70	82	74	68	61
2.00	94	86	79	92	84	78	88	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	95	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		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: YSL  
Test Date: 2021-07-08

☐ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:



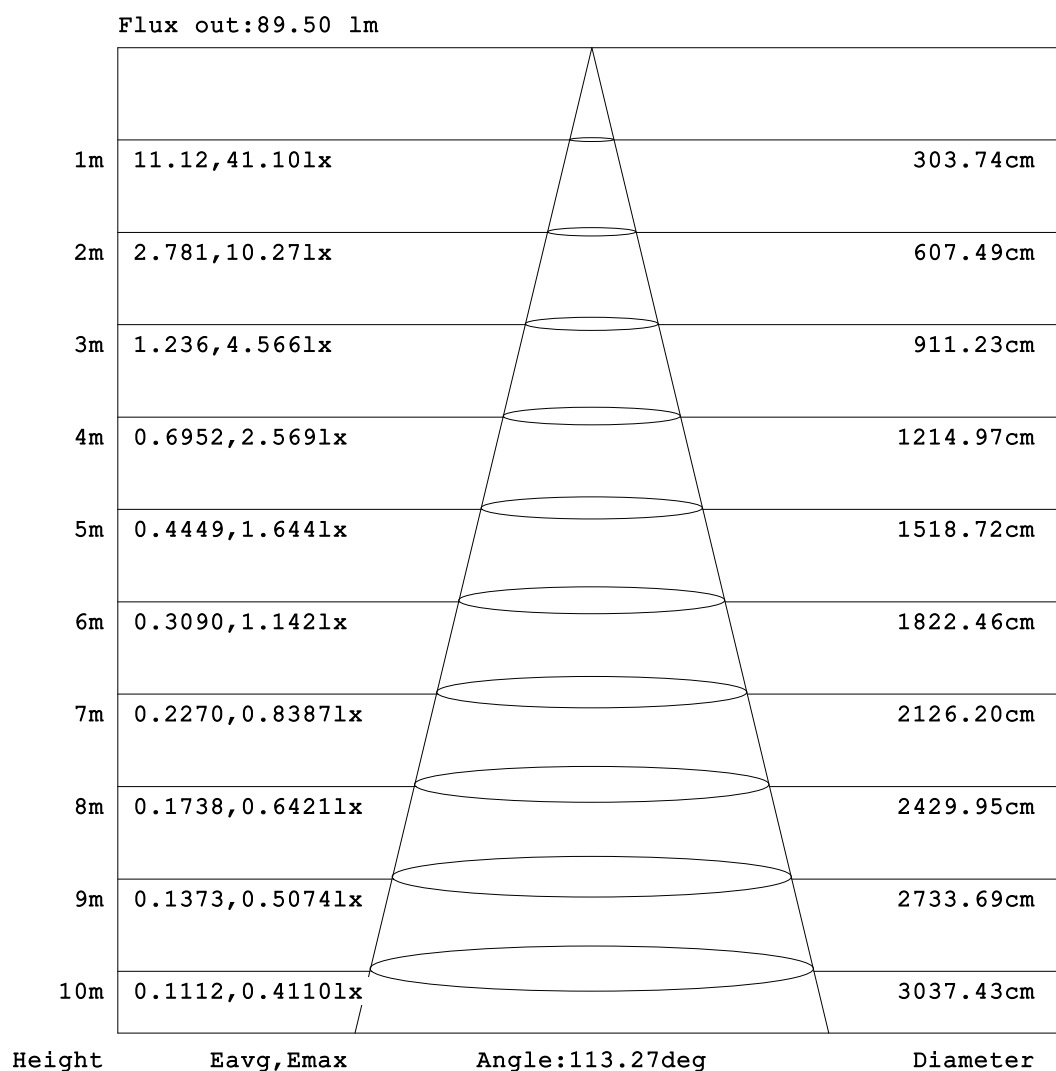
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: YSL  
 Test Date: 2021-07-08

☐ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:



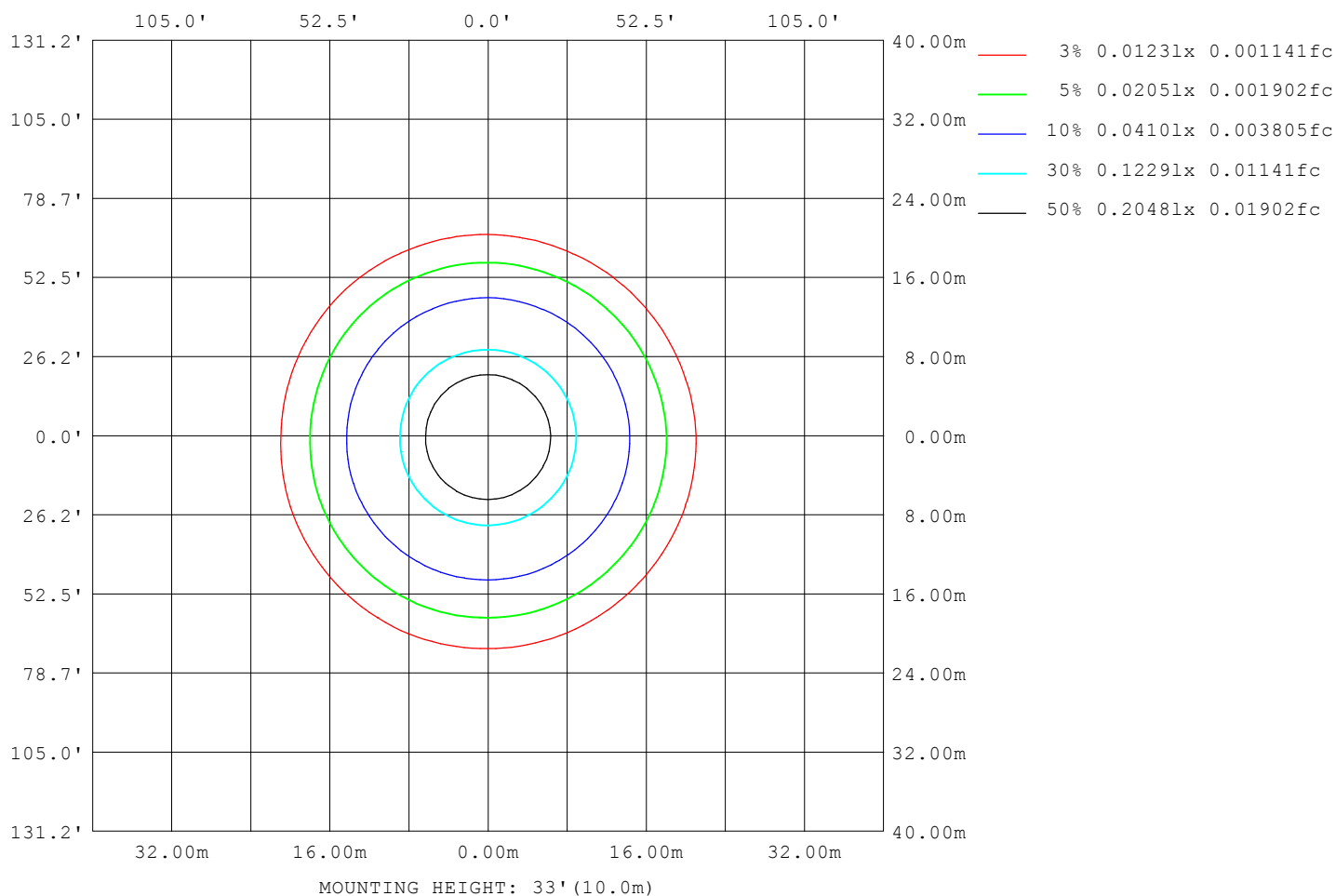
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-08

☐ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-08

☐ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm		
NAME: NS-T1615-RGBW-10-W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1000*16*15MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:

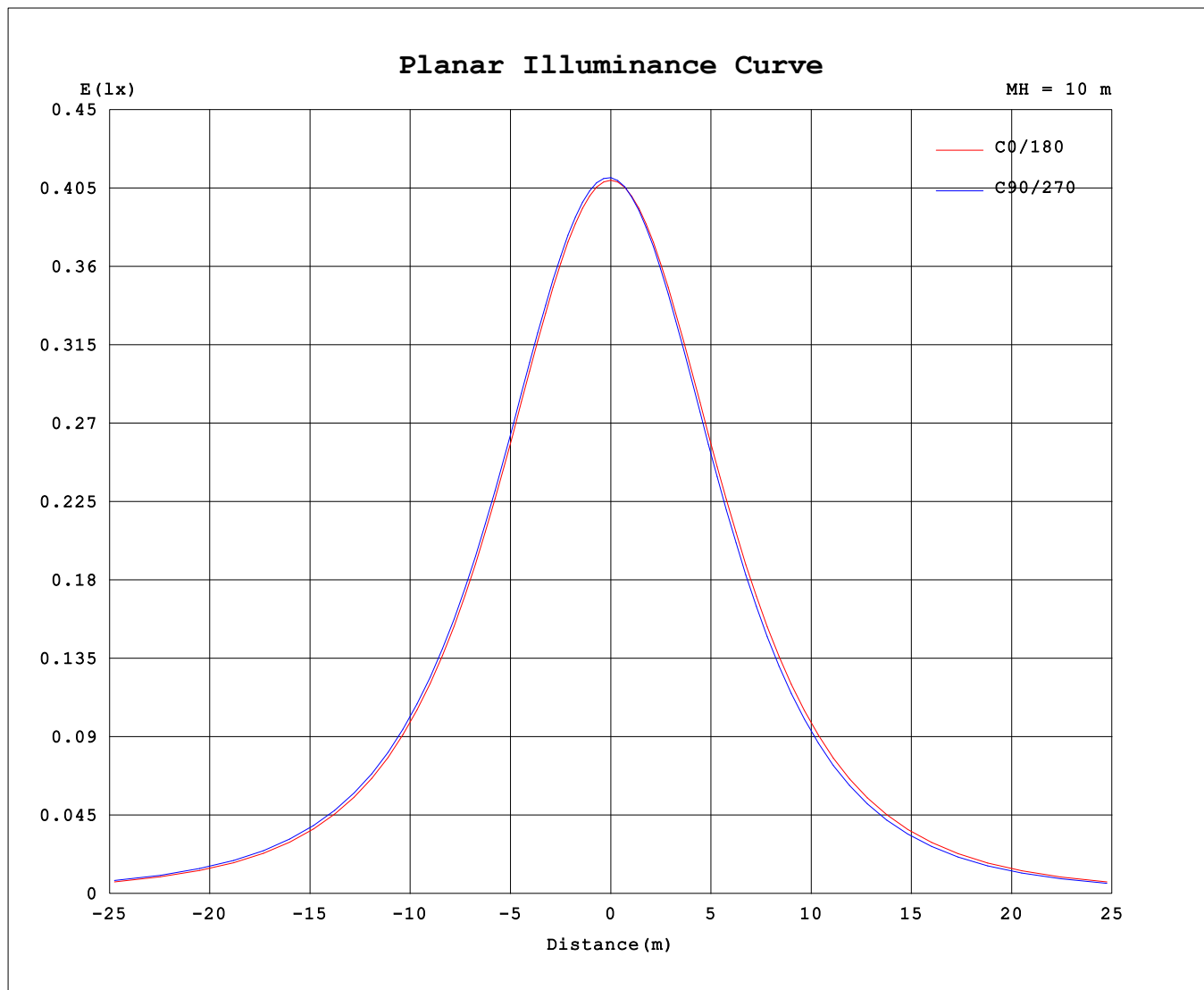
AvgL	cd/m2
L_0~180 (65) av	2239
L_0~180 (75) av	1931
L_0~180 (85) av	1209
L_90~270 (65) av	2209
L_90~270 (75) av	1925
L_90~270 (85) av	1470
L_45 (65) av	2228
L_45 (75) av	1934
L_45 (85) av	1372

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-08

☐ 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: 2021-07-08

☐ 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:0.1148A P:2.7550W PF:1.0000 Freq:0Hz Lamp Flux:1.26009x96 lm																	
NAME: NS-T1615-RGBW-10-W									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1000*16*15MM						SERIAL No.:		
MFR.:									SUR.: 0.016*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	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0			
5	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	40.9	40.9	40.9	40.8	40.8	40.8	40.8	40.9			
10	40.3	40.4	40.5	40.5	40.6	40.6	40.6	40.5	40.3	40.3	40.2	40.1	40.0	40.0	40.1	40.2			
15	39.7	39.8	39.9	40.0	40.0	40.1	40.0	39.9	39.7	39.6	39.5	39.3	39.2	39.1	39.3	39.5			
20	38.3	38.4	38.5	38.7	38.7	38.8	38.7	38.6	38.3	38.1	38.0	37.7	37.6	37.5	37.7	38.0			
25	37.1	37.3	37.4	37.5	37.6	37.7	37.6	37.4	37.1	36.9	36.7	36.4	36.2	36.2	36.4	36.7			
30	35.0	35.2	35.3	35.5	35.6	35.7	35.6	35.3	34.9	34.7	34.4	34.1	33.9	33.8	34.1	34.5			
35	33.3	33.5	33.7	33.9	34.0	34.1	34.0	33.7	33.2	32.9	32.7	32.3	32.1	32.0	32.3	32.7			
40	30.5	30.7	30.9	31.1	31.2	31.4	31.2	30.9	30.4	30.1	29.8	29.3	29.1	29.0	29.4	29.8			
45	28.4	28.7	28.9	29.1	29.2	29.3	29.2	28.9	28.3	27.9	27.6	27.1	26.9	26.8	27.2	27.7			
50	25.0	25.3	25.5	25.8	25.9	26.0	25.9	25.5	24.9	24.5	24.1	23.6	23.3	23.3	23.7	24.2			
55	22.6	22.9	23.1	23.4	23.5	23.7	23.5	23.1	22.4	22.0	21.7	21.1	20.8	20.8	21.2	21.8			
60	18.7	19.1	19.3	19.6	19.8	19.9	19.7	19.2	18.5	18.1	17.7	17.2	16.9	16.8	17.2	17.8			
65	15.9	16.4	16.6	17.0	17.1	17.3	17.0	16.5	15.7	15.3	15.0	14.4	14.1	14.0	14.4	15.1			
70	11.7	12.1	12.4	12.9	13.0	13.1	12.8	12.3	11.5	11.0	10.7	10.2	9.88	9.77	10.2	10.8			
75	8.84	9.27	9.60	10.0	10.2	10.3	10.0	9.43	8.58	8.15	7.87	7.35	7.10	6.98	7.37	7.91			
80	4.69	5.10	5.45	5.90	6.08	6.18	5.82	5.23	4.41	4.05	3.87	3.48	3.28	3.18	3.45	3.87			
85	2.31	2.65	2.98	3.38	3.55	3.64	3.30	2.75	2.05	1.82	1.74	1.54	1.42	1.36	1.48	1.70			
90	0.32	0.48	0.60	0.78	0.85	0.89	0.69	0.44	0.19	0.32	0.40	0.43	0.41	0.44	0.45	0.44			
95	0.06	0.35	0.32	0.28	0.25	0.28	0.27	0.24	0.06	0.25	0.34	0.37	0.37	0.39	0.40	0.38			
100	0.10	0.34	0.31	0.26	0.22	0.24	0.25	0.22	0.09	0.19	0.31	0.36	0.36	0.37	0.38	0.34			
105	0.13	0.35	0.32	0.28	0.23	0.25	0.24	0.24	0.11	0.18	0.30	0.36	0.36	0.37	0.38	0.31			
110	0.18	0.34	0.34	0.30	0.26	0.28	0.28	0.26	0.15	0.20	0.32	0.35	0.36	0.37	0.37	0.29			
115	0.21	0.35	0.36	0.32	0.29	0.29	0.30	0.28	0.19	0.23	0.32	0.36	0.37	0.38	0.37	0.29			
120	0.26	0.36	0.39	0.35	0.32	0.33	0.31	0.30	0.23	0.25	0.32	0.37	0.38	0.38	0.38	0.30			
125	0.29	0.37	0.39	0.37	0.34	0.35	0.32	0.32	0.26	0.27	0.33	0.38	0.39	0.39	0.38	0.29			
130	0.33	0.39	0.42	0.39	0.37	0.36	0.35	0.35	0.30	0.32	0.35	0.37	0.40	0.40	0.39	0.34			
135	0.35	0.40	0.42	0.41	0.39	0.37	0.37	0.36	0.32	0.33	0.36	0.37	0.40	0.41	0.40	0.36			
140	0.39	0.43	0.44	0.43	0.42	0.39	0.40	0.37	0.36	0.36	0.38	0.39	0.41	0.42	0.41	0.39			
145	0.41	0.44	0.45	0.44	0.43	0.41	0.41	0.39	0.38	0.38	0.39	0.40	0.42	0.43	0.42	0.40			
150	0.44	0.46	0.47	0.46	0.45	0.43	0.42	0.42	0.41	0.41	0.41	0.42	0.43	0.44	0.44	0.43			
155	0.46	0.47	0.48	0.47	0.47	0.44	0.44	0.45	0.43	0.43	0.43	0.43	0.44	0.45	0.46	0.45			
160	0.49	0.50	0.49	0.49	0.48	0.47	0.47	0.48	0.47	0.46	0.46	0.45	0.47	0.47	0.48	0.48			
165	0.51	0.52	0.51	0.50	0.51	0.48	0.49	0.50	0.49	0.48	0.48	0.47	0.48	0.48	0.50	0.50			
170	0.54	0.54	0.54	0.53	0.52	0.51	0.52	0.53	0.52	0.51	0.51	0.50	0.51	0.51	0.52	0.53			
175	0.56	0.56	0.55	0.54	0.54	0.54	0.54	0.55	0.55	0.54	0.53	0.53	0.53	0.53	0.54	0.55			
180	0.57	0.57	0.56	0.56	0.56	0.56	0.57	0.58	0.57	0.57	0.57	0.56	0.56	0.56	0.57	0.58			

C Range: 0 - 360DEG  
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