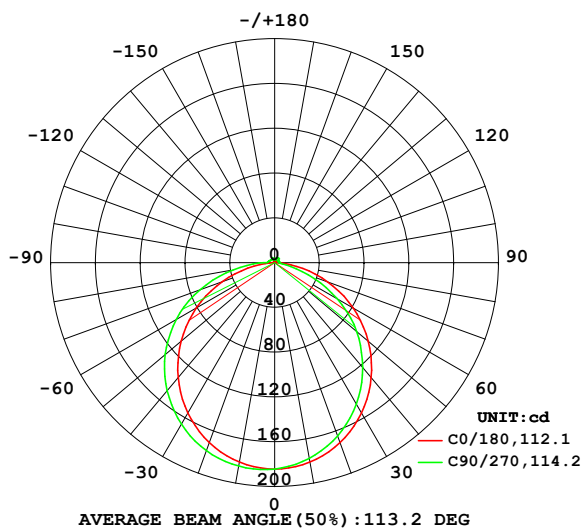


LUMINAIRE PHOTOMETRIC TEST REPORT

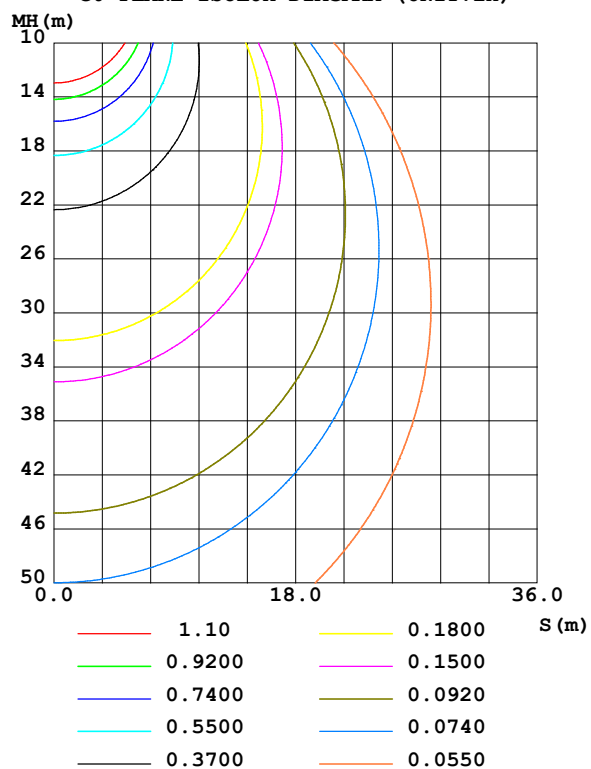
Test:U:23.998V I:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.59621x120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.13 lm/W			
MODEL		I _{max} (cd)	185.2	S/MH(C0/180)	1.25
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	551.55	□ UP,DN(C0-180)	1.8,43.3
NOMINAL FLUX(lm)	4.59621	CIE CLASS	DIRECT	□ UP,DN(C180-360)	2.0,52.9
LAMPS INSIDE	120	□ up (%)	3.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	□ down (%)	96.2	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:2021-07-12

□ 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	181.0	178.3	177.6	179.0	180.9	183.8	184.5	183.1	0- 10	17.44	17.44	3.16,3.16
20	171.0	165.9	164.6	167.3	171.0	176.8	178.7	175.7	10- 20	49.95	67.38	12.2,12.2
30	155.1	147.7	146.0	149.7	155.1	163.8	166.6	162.2	20- 30	75.71	143.1	25.9,25.9
40	134.2	124.7	122.3	127.2	134.1	145.2	149.4	143.1	30- 40	91.30	234.4	42.5,42.5
50	109.1	97.70	95.63	100.6	109.0	122.5	127.6	120.4	40- 50	94.92	329.3	59.7,59.7
60	80.91	68.12	64.37	71.40	80.50	96.02	101.5	93.58	50- 60	86.22	415.5	75.3,75.3
70	50.47	35.69	32.08	38.82	49.62	65.68	70.82	62.96	60- 70	65.80	481.3	87.3,87.3
80	20.12	8.498	7.154	10.32	18.88	32.91	37.85	30.47	70- 80	37.19	518.5	94,94
90	1.599	3.399	4.142	3.087	0.8571	6.760	10.04	5.943	80- 90	12.01	530.5	96.2,96.2
100	0.4857	3.611	4.181	3.387	0.4837	4.191	5.864	4.726	90-100	3.976	534.5	96.9,96.9
110	0.8293	3.572	3.565	3.082	0.7423	3.912	5.486	4.318	100-110	3.589	538.1	97.6,97.6
120	1.182	3.575	3.888	2.964	1.093	3.372	4.499	4.063	110-120	3.182	541.3	98.1,98.1
130	1.510	3.883	4.671	3.077	1.430	2.945	4.106	3.730	120-130	2.874	544.2	98.7,98.7
140	1.794	4.336	5.105	3.466	1.724	2.840	4.150	3.664	130-140	2.589	546.8	99.1,99.1
150	2.050	4.199	4.844	3.378	2.003	2.949	4.549	3.870	140-150	2.161	548.9	99.5,99.5
160	2.328	3.405	4.243	3.042	2.342	2.754	4.032	3.458	150-160	1.535	550.4	99.8,99.8
170	2.621	3.102	2.915	3.011	2.639	2.478	2.489	2.610	160-170	0.8369	551.3	100,100
180	2.835	2.814	2.692	2.920	2.842	2.816	2.692	2.911	170-180	0.2592	551.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 291.7 lm

%lum = 52.9%

%lamp = 52.9%

Conical surface Flux(120deg): 415.54 lm

%lum = 75.3%

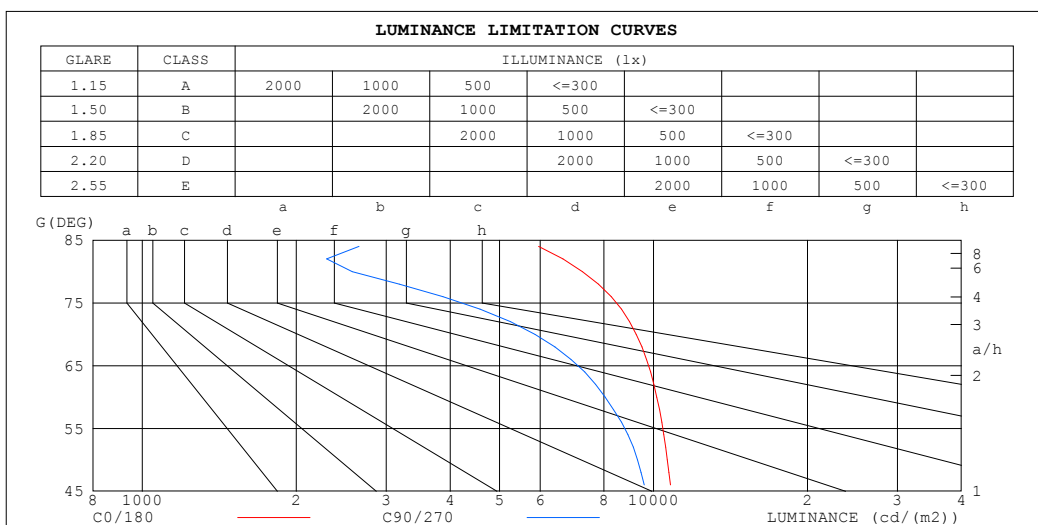
%lamp = 75.3%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

□ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.59621x120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7141	3182
80	7264	2575
75	9213	4874
70	9252	5863
65	10238	7606
60	10146	8047
55	10731	9130
50	10645	9299
45	11047	9884

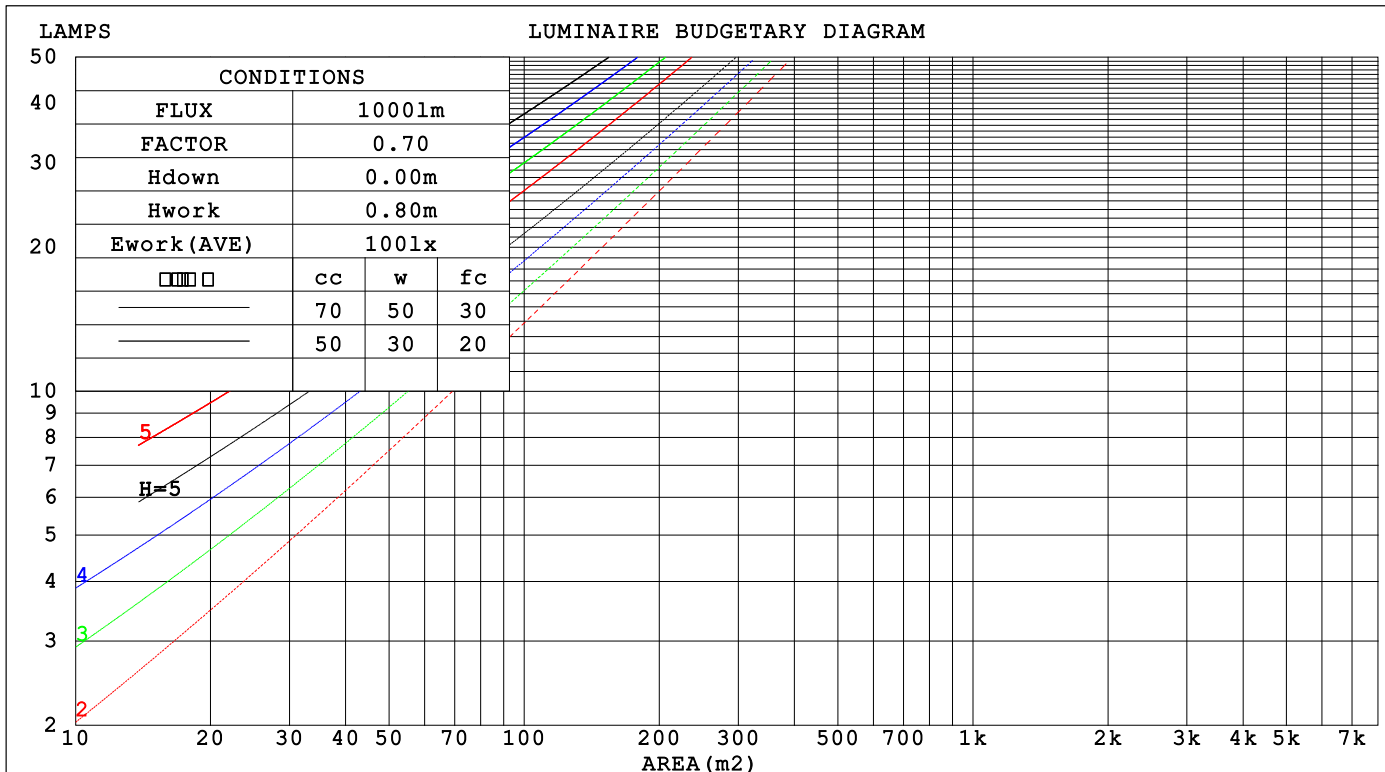
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YSL
 Test Date:2021-07-12

☐ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.5962lx120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	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	1.18	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	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.86	.84	.82	.80														
2.0	.89	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67														
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56														
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.48														
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41														
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36														
7.0	.50	.42	.36	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32														
8.0	.46	.38	.32	.45	.37	.31	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28														
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25														
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23														



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

□ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.59621x120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	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	.312 .177 .056	.304 .173 .055	.288 .165 .053	.274 .158 .051	.261 .151 .049	
2.0	.292 .160 .049	.285 .157 .048	.271 .151 .047	.258 .145 .045	.247 .140 .044	
3.0	.270 .144 .043	.263 .141 .042	.251 .136 .041	.240 .131 .040	.229 .127 .039	
4.0	.249 .129 .038	.243 .127 .038	.232 .123 .037	.222 .119 .036	.212 .115 .035	
5.0	.230 .117 .034	.225 .115 .034	.215 .112 .033	.206 .109 .032	.197 .105 .032	
6.0	.213 .107 .031	.208 .105 .030	.200 .102 .030	.191 .099 .029	.184 .097 .029	
7.0	.198 .098 .028	.194 .097 .028	.186 .094 .027	.179 .092 .027	.172 .089 .026	
8.0	.185 .090 .025	.181 .089 .025	.174 .087 .025	.167 .085 .024	.161 .083 .024	
9.0	.173 .084 .023	.170 .083 .023	.163 .081 .023	.157 .079 .023	.152 .077 .022	
10.0	.163 .078 .022	.160 .077 .022	.154 .075 .021	.148 .074 .021	.143 .072 .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	.188 .188 .188	.128 .128 .128	.074 .074 .074	.024 .024 .024	
1.0	.210 .185 .163	.179 .159 .141	.123 .109 .097	.071 .063 .057	.023 .020 .018	
2.0	.202 .161 .127	.173 .139 .110	.118 .096 .077	.068 .056 .045	.022 .018 .015	
3.0	.194 .144 .104	.166 .124 .090	.114 .086 .063	.066 .050 .037	.021 .016 .012	
4.0	.186 .131 .088	.160 .113 .077	.110 .079 .054	.064 .046 .032	.020 .015 .010	
5.0	.179 .120 .077	.154 .104 .067	.106 .073 .047	.061 .043 .028	.020 .014 .009	
6.0	.172 .112 .069	.148 .097 .060	.102 .068 .043	.059 .040 .025	.019 .013 .008	
7.0	.165 .105 .063	.142 .091 .055	.098 .064 .039	.057 .038 .023	.018 .012 .008	
8.0	.159 .100 .059	.137 .086 .051	.095 .061 .036	.055 .036 .022	.018 .012 .007	
9.0	.153 .095 .055	.132 .082 .048	.091 .058 .034	.053 .034 .020	.017 .011 .007	
10.0	.147 .090 .053	.127 .078 .046	.088 .055 .033	.051 .033 .019	.017 .011 .006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.5962lx120 lm										
NAME: NS-TS1615-W40-10					TYPE:			WEIGHT:		
SPEC.:					DIM.: 1*0.016*0.015MM			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	22.5	23.9	22.8	24.2	24.5	21.6	23.1	21.9	23.4	23.6
3H	23.9	25.3	24.3	25.6	25.9	22.6	24.0	23.0	24.3	24.6
4H	24.5	25.8	24.9	26.1	26.5	22.8	24.1	23.2	24.5	24.8
6H	24.9	26.1	25.3	26.4	26.8	22.9	24.1	23.3	24.4	24.8
8H	25.0	26.2	25.4	26.5	26.9	22.9	24.0	23.2	24.4	24.7
12H	25.0	26.1	25.4	26.5	26.9	22.8	24.0	23.2	24.3	24.7
4H 2H	22.8	24.1	23.2	24.4	24.8	22.2	23.5	22.5	23.8	24.1
3H	24.5	25.6	24.9	25.9	26.3	23.3	24.4	23.7	24.8	25.2
4H	25.1	26.1	25.5	26.5	26.9	23.6	24.6	24.0	25.0	25.4
6H	25.6	26.5	26.0	26.9	27.3	23.6	24.5	24.1	25.0	25.4
8H	25.7	26.5	26.2	27.0	27.4	23.6	24.5	24.1	24.9	25.4
12H	25.8	26.5	26.2	27.0	27.5	23.6	24.4	24.1	24.9	25.4
8H 4H	25.1	26.0	25.6	26.4	26.9	23.7	24.5	24.2	25.0	25.4
6H	25.7	26.4	26.2	26.8	27.3	23.8	24.5	24.3	25.0	25.5
8H	25.8	26.4	26.3	26.9	27.5	23.8	24.5	24.4	25.0	25.5
12H	25.9	26.5	26.5	27.0	27.5	23.9	24.4	24.4	24.9	25.5
12H 4H	25.1	25.9	25.6	26.3	26.8	23.7	24.5	24.2	24.9	25.4
6H	25.6	26.2	26.1	26.7	27.3	23.8	24.4	24.3	24.9	25.5
8H	25.8	26.3	26.3	26.9	27.4	23.9	24.4	24.4	24.9	25.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.3 / - 0.3				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.4				
2.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.4				

CIE Pub.117, 551.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.1)
Area: 0.016 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.59621x120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:

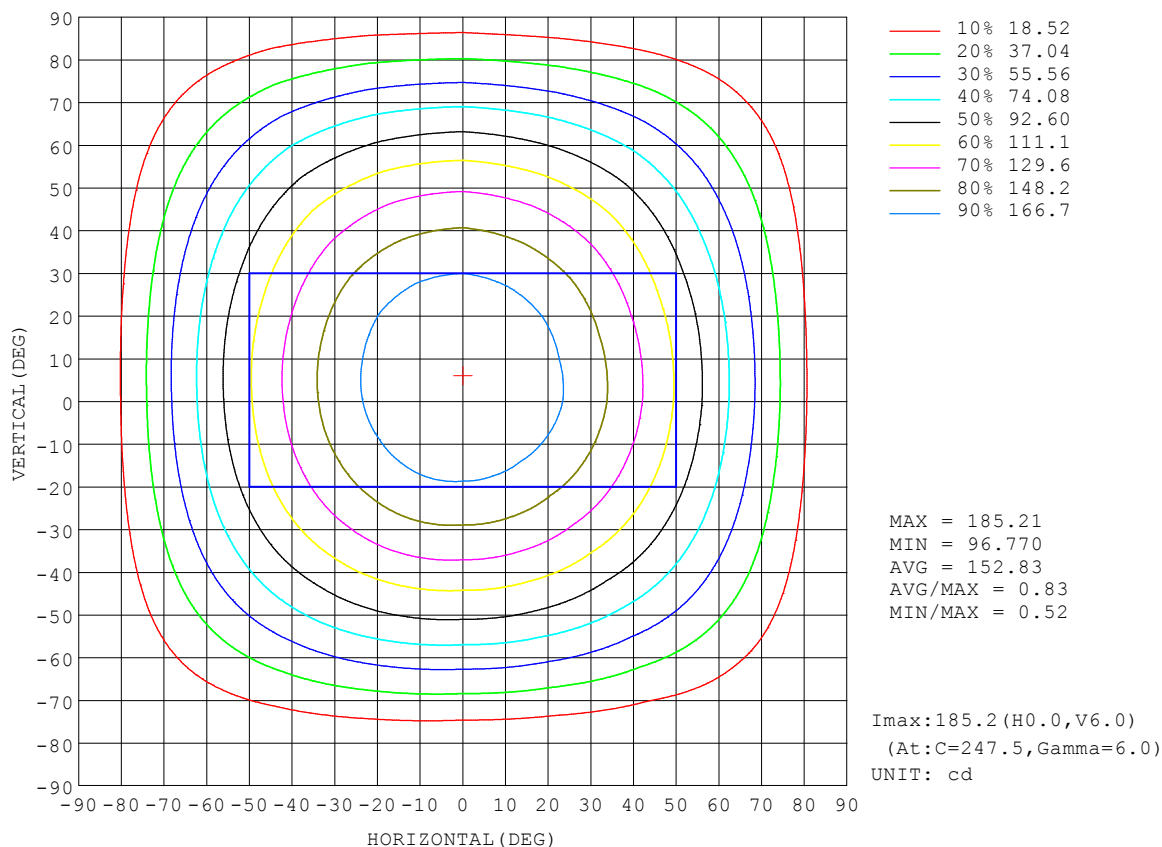
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	63	55	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	81	73	67	59
2.00	94	85	78	91	83	77	87	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	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:2021-07-12

☐ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.59621x120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:

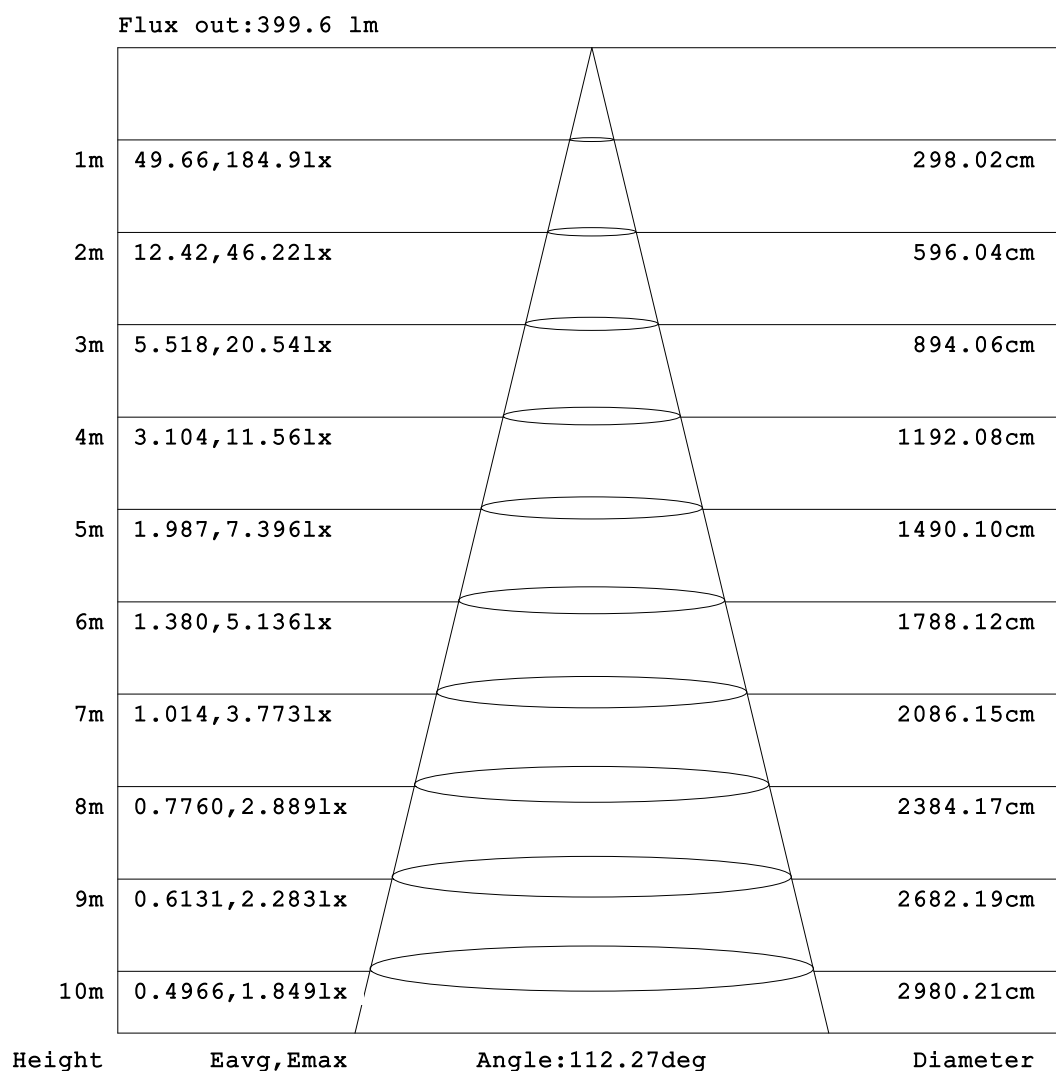


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.59621x120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:



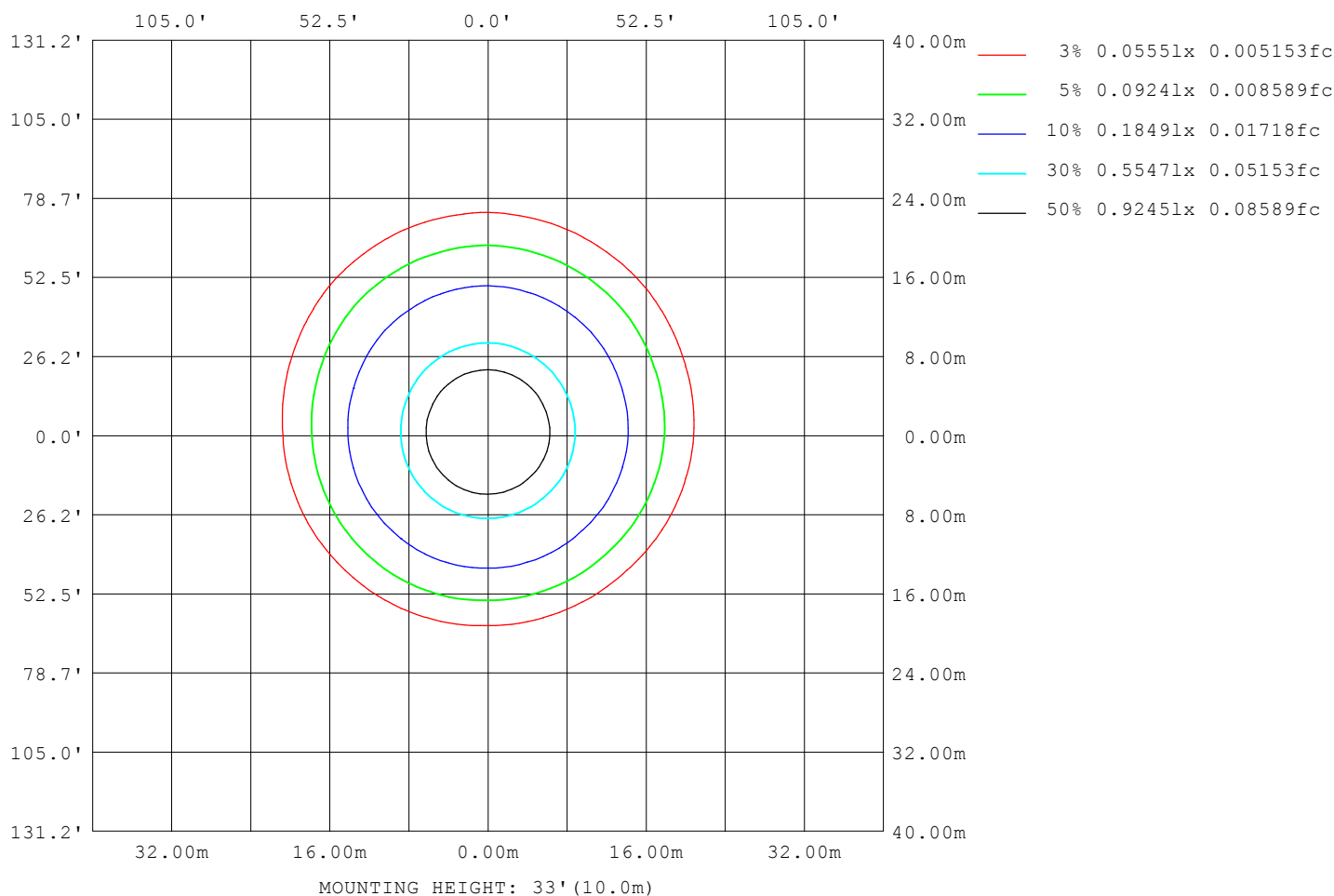
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.5962lx120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	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:2021-07-12

☐ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.59621x120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	SERIAL No.:
MFR.:	SUR.: 0.016*1	Shielding Angle:

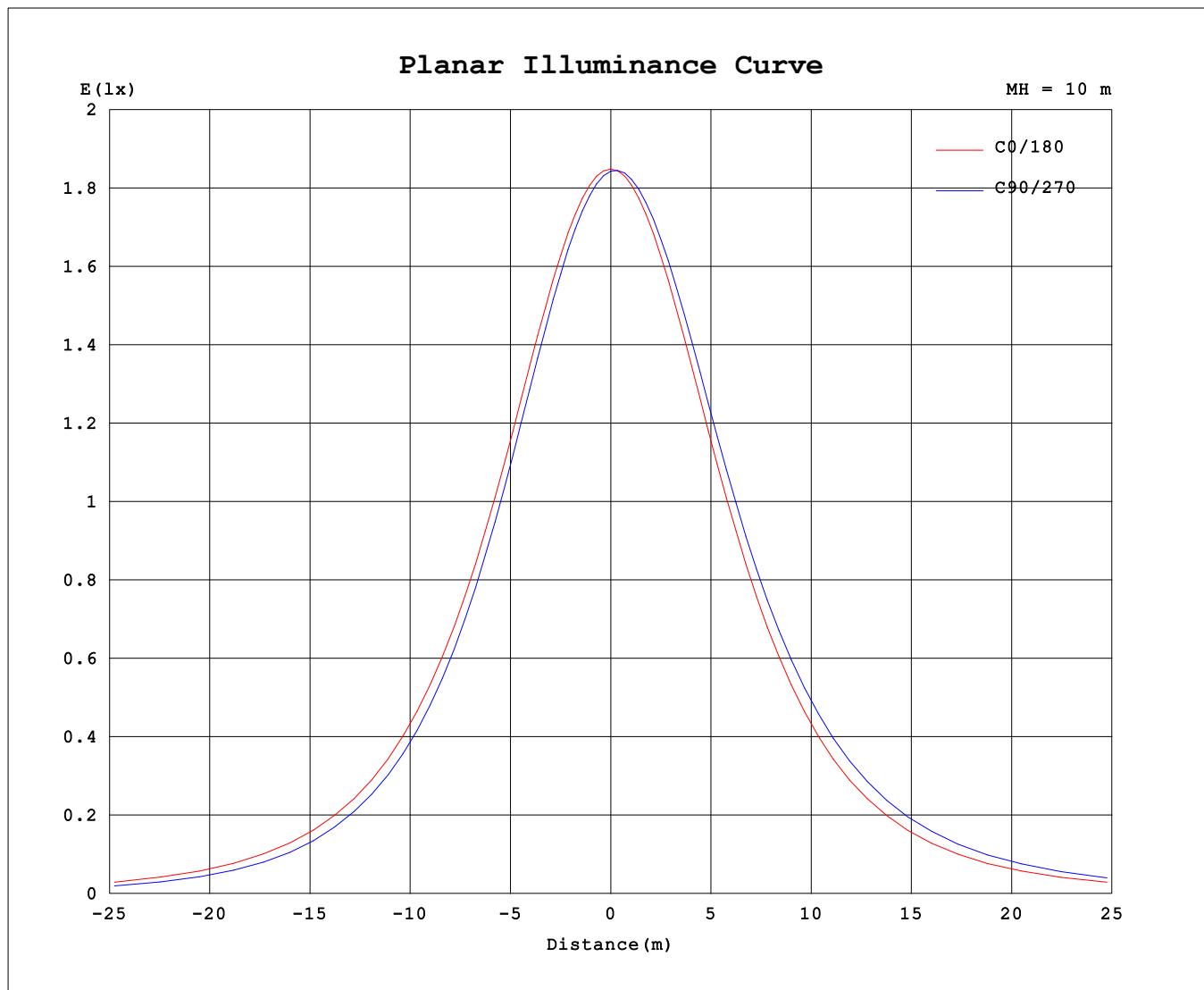
AvgL	cd/m2
L_0~180 (65) av	9702
L_0~180 (75) av	8307
L_0~180 (85) av	5136
L_90~270 (65) av	9995
L_90~270 (75) av	8687
L_90~270 (85) av	9533
L_45 (65) av	9865
L_45 (75) av	8424
L_45 (85) av	7294

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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: 2021-07-12

☐ 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:0.4246A P:10.190W PF:1.0000 Freq:0Hz Lamp Flux:4.5962lx120 lm		
NAME: NS-TS1615-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.016*0.015MM	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	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184			
5	184	183	183	182	182	183	183	183	184	184	185	185	185	185	185	184			
10	181	180	178	178	178	178	179	180	181	182	184	184	185	184	183	182			
15	178	176	174	173	173	174	175	176	178	180	182	183	183	182	181	179			
20	171	168	166	165	165	166	167	169	171	174	177	178	179	177	176	173			
25	165	162	159	158	158	159	161	163	165	169	172	174	175	173	171	168			
30	155	151	148	146	146	148	150	152	155	159	164	166	167	165	162	158			
35	147	143	139	138	137	139	141	145	147	152	157	159	160	158	155	151			
40	134	129	125	123	122	125	127	131	134	139	145	148	149	147	143	138			
45	125	119	114	112	112	114	117	121	125	130	136	140	141	139	134	129			
50	109	103	97.7	96.0	95.6	98.0	101	105	109	115	122	126	128	125	120	114			
55	98.2	91.9	86.4	84.4	83.8	86.6	89.3	93.6	97.9	104	112	116	117	115	110	103			
60	80.9	74.2	68.1	64.9	64.4	67.3	71.4	75.9	80.5	87.4	96.0	100	101	98.1	93.6	86.1			
65	69.0	62.2	55.0	51.9	51.4	54.3	58.2	63.8	68.4	75.7	84.4	88.6	90.1	86.6	81.8	74.4			
70	50.5	42.9	35.7	32.5	32.1	34.9	38.8	44.5	49.6	57.3	65.7	69.7	70.8	67.6	63.0	56.0			
75	38.0	30.4	23.4	20.5	20.2	22.6	26.2	31.9	37.0	44.6	52.5	56.6	57.7	54.5	49.8	43.4			
80	20.1	13.5	8.50	7.15	7.15	8.30	10.3	14.5	18.9	25.8	32.9	36.8	37.9	34.8	30.5	24.9			
85	9.93	5.29	3.69	4.17	4.44	4.23	4.05	5.71	8.67	14.5	20.7	24.3	25.2	22.5	18.6	13.9			
90	1.60	2.20	3.40	4.03	4.14	3.92	3.09	1.70	0.86	3.03	6.76	9.22	10.0	8.34	5.94	3.45			
95	0.59	2.22	3.58	4.29	4.34	4.12	3.22	1.67	0.47	2.04	4.37	5.69	6.31	5.77	4.69	2.80			
100	0.49	2.54	3.61	4.09	4.18	4.07	3.39	1.98	0.48	2.14	4.19	5.46	5.86	5.60	4.73	2.80			
105	0.62	2.60	3.49	3.76	3.76	3.67	3.09	2.03	0.55	2.23	4.20	5.48	5.78	5.60	4.78	2.84			
110	0.83	2.78	3.57	3.68	3.56	3.53	3.08	2.23	0.74	2.18	3.91	4.94	5.49	5.20	4.32	2.78			
115	0.97	2.82	3.64	3.76	3.70	3.54	3.19	2.33	0.88	2.21	3.62	4.38	4.83	4.56	4.03	2.72			
120	1.18	2.81	3.57	3.87	3.89	3.68	2.96	2.34	1.09	2.15	3.37	4.16	4.50	4.48	4.06	2.66			
125	1.32	2.86	3.63	4.01	4.08	3.75	2.94	2.41	1.24	2.01	3.11	4.23	4.62	4.53	3.84	2.59			
130	1.51	3.00	3.88	4.49	4.67	4.14	3.08	2.54	1.43	2.03	2.94	3.82	4.11	4.22	3.73	2.50			
135	1.63	3.08	4.15	4.82	5.02	4.36	3.32	2.63	1.55	1.97	2.90	3.61	4.06	4.16	3.73	2.50			
140	1.79	3.15	4.34	4.94	5.11	4.25	3.47	2.60	1.72	2.04	2.84	3.45	4.15	4.10	3.66	2.58			
145	1.90	3.02	4.48	4.89	5.09	4.14	3.39	2.62	1.83	2.14	2.96	3.54	4.34	4.38	3.90	2.65			
150	2.05	3.01	4.20	4.61	4.84	3.80	3.38	2.60	2.00	2.28	2.95	3.60	4.55	4.52	3.87	2.68			
155	2.17	3.04	3.90	4.70	4.63	3.67	3.17	2.64	2.14	2.34	2.80	3.41	4.52	4.15	3.72	2.61			
160	2.33	2.94	3.40	3.99	4.24	3.27	3.04	2.78	2.34	2.29	2.75	2.96	4.03	3.88	3.46	2.46			
165	2.45	2.90	3.29	3.55	3.68	3.06	2.96	2.82	2.47	2.28	2.76	2.78	3.72	3.55	3.17	2.44			
170	2.62	2.93	3.10	3.31	2.92	2.87	3.01	2.81	2.64	2.39	2.48	2.47	2.49	2.85	2.61	2.41			
175	2.73	3.04	3.01	3.02	2.80	2.84	2.89	2.89	2.73	2.44	2.48	2.41	2.37	2.49	2.48	2.48			
180	2.84	2.82	2.81	2.80	2.69	2.80	2.92	3.00	2.84	2.82	2.82	2.80	2.69	2.80	2.91	3.00			

C Range: 0 - 360DEG

C Interval: 22.5DEG

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Temperature:25.3DEG

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