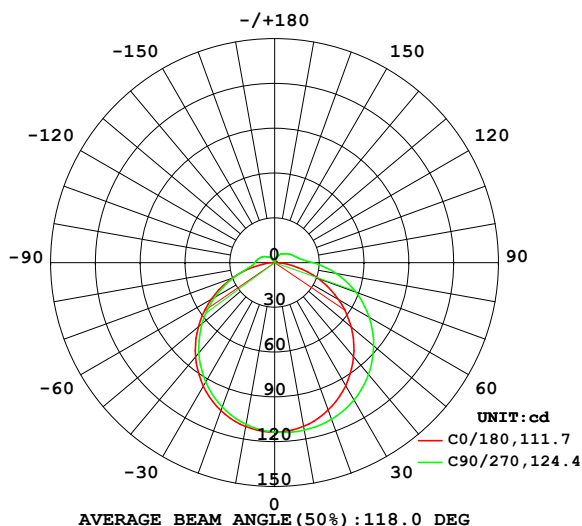


# LUMINAIRE PHOTOMETRIC TEST REPORT

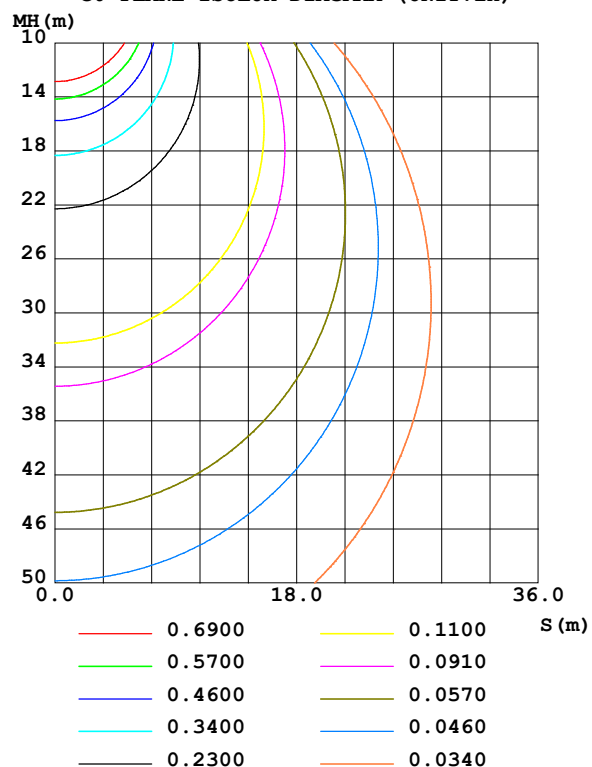
Test:U:23.998V I:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.65 lm/W			
MODEL		I <sub>max</sub> (cd)	114.1	S/MH(C0/180)	1.25
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	395.01	□ UP,DN(C0-180)	5.6,50.9
NOMINAL FLUX(lm)	3.29177	CIE CLASS	DIRECT	□ UP,DN(C180-360)	3.5,40.0
LAMPS INSIDE	120	□ up (%)	9.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	□ down (%)	90.9	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	111.3	112.8	113.9	113.4	111.6	110.7	110.1	110.1	0- 10	10.75	10.75	2.72,2.72
20	105.1	108.8	111.7	109.9	105.5	104.1	102.9	102.9	10- 20	30.91	41.66	10.5,10.5
30	95.27	101.7	106.4	103.2	95.58	93.93	92.39	92.22	20- 30	47.19	88.86	22.5,22.5
40	82.33	91.70	97.87	93.42	82.47	80.69	79.06	78.64	30- 40	57.58	146.4	37.1,37.1
50	66.90	79.13	86.60	80.98	66.76	65.03	63.52	62.73	40- 50	60.87	207.3	52.5,52.5
60	49.48	64.50	73.13	66.39	49.02	47.58	46.35	45.10	50- 60	56.81	264.1	66.9,66.9
70	30.66	48.32	57.95	50.19	29.98	29.33	29.05	27.01	60- 70	46.14	310.3	78.5,78.5
80	12.11	31.32	41.62	33.12	11.34	13.77	16.59	13.24	70- 80	31.22	341.5	86.4,86.4
90	0.8302	16.24	25.87	17.68	0.5256	8.989	13.51	9.404	80- 90	17.65	359.1	90.9,90.9
100	0.3141	10.62	16.84	10.59	0.2838	7.168	11.86	7.986	90-100	10.71	369.8	93.6,93.6
110	0.5338	8.971	13.70	8.901	0.4752	6.158	10.10	6.633	100-110	8.112	378.0	95.7,95.7
120	0.7465	7.693	11.58	6.687	0.6761	4.839	8.364	5.382	110-120	6.266	384.2	97.3,97.3
130	0.9356	6.545	9.626	5.107	0.8486	3.173	6.289	1.191	120-130	4.533	388.7	98.4,98.4
140	1.099	5.453	7.841	3.883	1.012	1.629	3.639	1.167	130-140	2.901	391.7	99.1,99.1
150	1.245	3.809	6.143	2.904	1.170	1.240	1.184	1.299	140-150	1.683	393.3	99.6,99.6
160	1.375	2.614	4.334	2.461	1.326	1.285	1.308	1.425	150-160	0.9980	394.3	99.8,99.8
170	1.512	1.879	1.762	2.450	1.487	1.447	1.443	1.542	160-170	0.5221	394.9	100,100
180	1.616	1.589	1.576	1.611	1.621	1.591	1.576	1.609	170-180	0.1598	395.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 183.04 lm

%lum = 46.3%

%lamp = 46.3%

Conical surface Flux(120deg): 264.12 lm

%lum = 66.9%

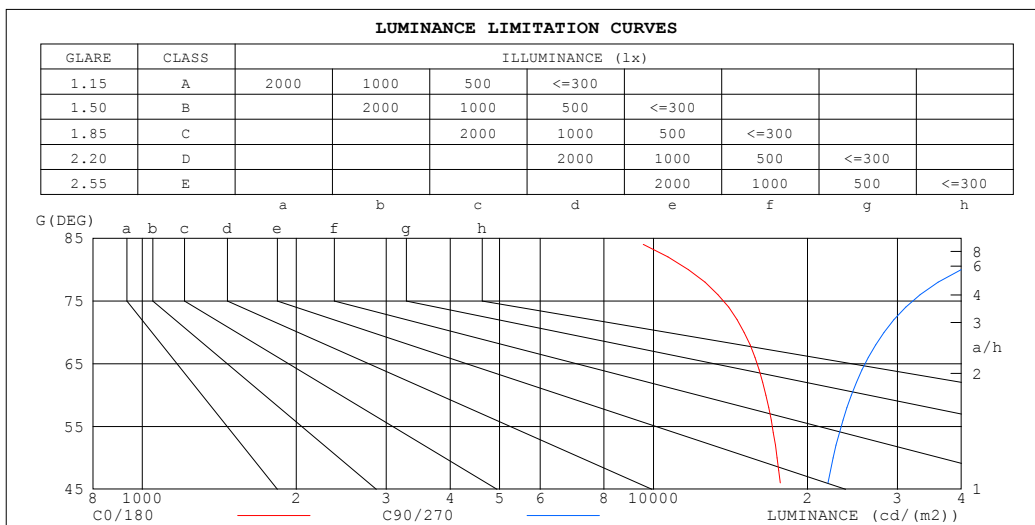
%lamp = 66.9%

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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11445	67042
80	11697	39958
75	14933	33192
70	15033	28245
65	16694	26520
60	16598	24382
55	17577	23668
50	17455	22459
45	18127	22083

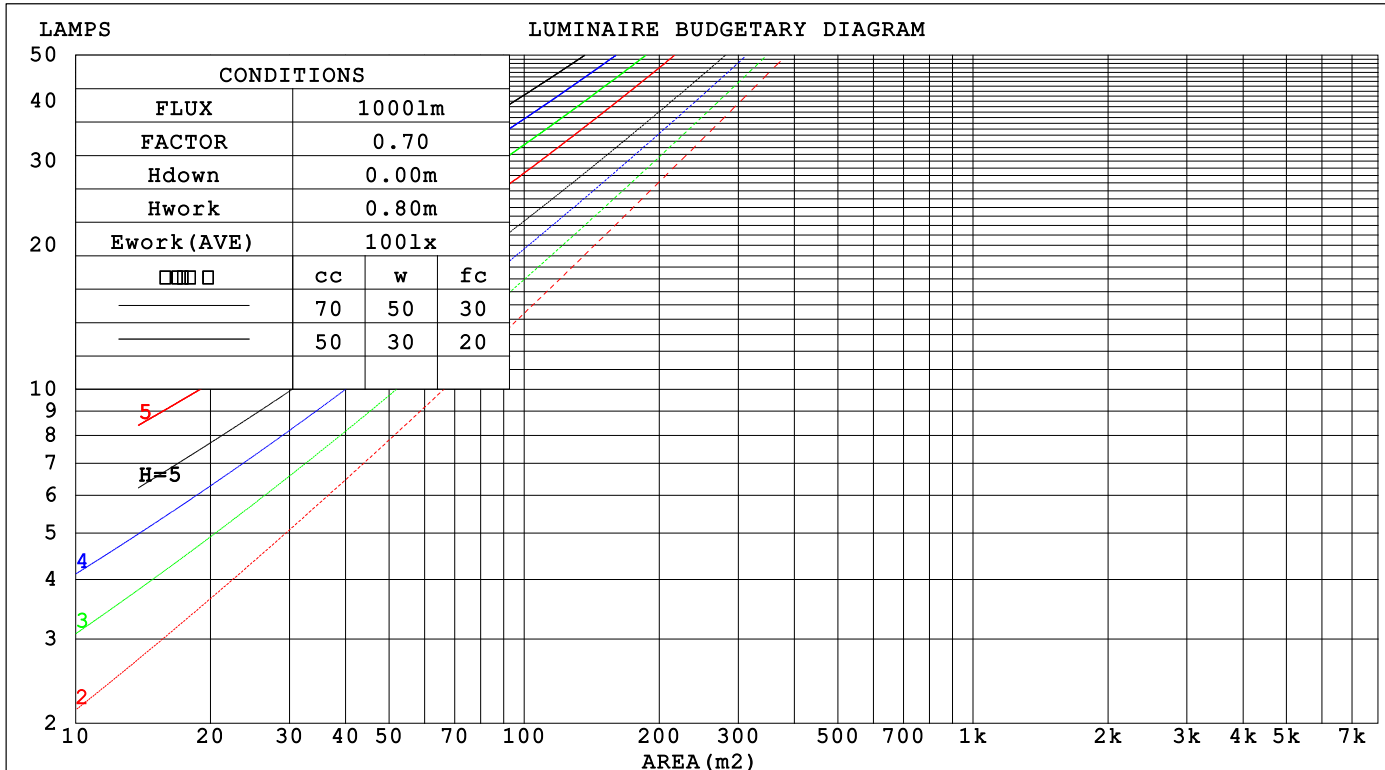
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: YSL  
 Test Date: 2021-07-12

☐ 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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*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	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.00	.00	.00	.94	.94	.94	.91														
1.0	.00	.95	.91	.97	.92	.89	.91	.87	.84	.85	.82	.80	.80	.78	.76	.73														
2.0	.86	.79	.73	.84	.77	.71	.79	.73	.68	.74	.69	.65	.70	.66	.63	.60														
3.0	.75	.67	.60	.73	.65	.59	.69	.62	.57	.65	.59	.55	.61	.56	.53	.50														
4.0	.67	.57	.51	.65	.56	.50	.61	.54	.48	.57	.51	.46	.54	.49	.45	.42														
5.0	.59	.50	.43	.58	.49	.43	.54	.47	.41	.51	.45	.40	.49	.43	.39	.36														
6.0	.53	.44	.38	.52	.43	.37	.49	.42	.36	.46	.40	.35	.44	.38	.34	.32														
7.0	.48	.39	.33	.47	.38	.33	.45	.37	.32	.42	.36	.31	.40	.34	.30	.28														
8.0	.44	.35	.29	.43	.35	.29	.41	.33	.28	.39	.32	.27	.37	.31	.27	.25														
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.34	.28	.24	.22														
10.0	.37	.29	.24	.36	.29	.23	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20														



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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*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	.343 .195 .062	.333 .190 .060	.315 .181 .058	.298 .172 .055	.282 .163 .053	
2.0	.310 .170 .052	.301 .166 .051	.284 .158 .049	.269 .151 .047	.255 .144 .045	
3.0	.281 .150 .045	.273 .146 .044	.258 .140 .043	.244 .134 .041	.231 .128 .040	
4.0	.256 .133 .039	.249 .130 .039	.236 .125 .037	.223 .120 .036	.212 .115 .035	
5.0	.235 .120 .035	.229 .117 .034	.217 .113 .033	.205 .108 .032	.195 .104 .031	
6.0	.217 .109 .031	.211 .107 .031	.200 .103 .030	.190 .099 .029	.180 .095 .028	
7.0	.201 .099 .028	.196 .098 .028	.186 .094 .027	.177 .091 .026	.168 .087 .026	
8.0	.187 .091 .026	.182 .090 .025	.173 .087 .025	.165 .084 .024	.157 .081 .023	
9.0	.175 .085 .024	.171 .083 .023	.162 .080 .023	.155 .077 .022	.147 .075 .022	
10.0	.164 .079 .022	.160 .077 .022	.153 .075 .021	.145 .072 .021	.139 .070 .020	

<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	.260 .260 .260	.222 .222 .222	.151 .151 .151	.087 .087 .087	.028 .028 .028	
1.0	.252 .226 .202	.216 .194 .173	.148 .133 .120	.085 .077 .070	.027 .025 .023	
2.0	.245 .202 .166	.210 .174 .144	.144 .120 .100	.083 .070 .059	.027 .023 .019	
3.0	.237 .185 .143	.203 .160 .124	.140 .111 .087	.081 .065 .051	.026 .021 .017	
4.0	.230 .172 .128	.197 .149 .111	.135 .104 .078	.078 .061 .046	.025 .020 .015	
5.0	.222 .162 .118	.191 .140 .102	.131 .098 .072	.076 .057 .043	.025 .019 .014	
6.0	.215 .154 .110	.185 .133 .096	.127 .093 .068	.074 .055 .040	.024 .018 .013	
7.0	.208 .147 .104	.179 .127 .091	.124 .089 .065	.072 .053 .038	.023 .017 .013	
8.0	.201 .141 .100	.173 .123 .087	.120 .086 .062	.070 .051 .037	.023 .017 .012	
9.0	.195 .137 .097	.168 .118 .085	.116 .083 .060	.068 .049 .036	.022 .016 .012	
10.0	.189 .132 .094	.163 .115 .082	.113 .081 .058	.066 .048 .035	.021 .016 .012	

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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm										
NAME: NS-S0612-W40-10					TYPE:			WEIGHT:		
SPEC.:					DIM.: 1*0.006*0.012MM			SERIAL No.:		
MFR.:					SUR.: 0.006*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	25.7	27.2	26.1	27.5	27.9	27.2	28.6	27.6	29.0	29.4
3H	27.3	28.6	27.7	29.0	29.4	29.5	30.8	29.9	31.2	31.6
4H	27.9	29.1	28.3	29.5	30.0	30.7	31.9	31.1	32.3	32.8
6H	28.3	29.5	28.7	29.9	30.4	31.9	33.1	32.4	33.5	34.0
8H	28.4	29.5	28.9	30.0	30.5	32.5	33.7	33.0	34.1	34.6
12H	28.4	29.5	28.9	30.0	30.5	33.2	34.3	33.7	34.8	35.3
4H 2H	26.7	28.0	27.2	28.4	28.8	27.8	29.1	28.2	29.5	29.9
3H	28.5	29.6	29.0	30.1	30.5	30.3	31.4	30.8	31.9	32.4
4H	29.3	30.3	29.8	30.8	31.3	31.7	32.7	32.2	33.2	33.7
6H	29.8	30.7	30.4	31.2	31.8	33.1	34.0	33.6	34.5	35.1
8H	30.0	30.9	30.6	31.4	32.0	33.8	34.7	34.4	35.2	35.8
12H	30.1	30.9	30.7	31.4	32.0	34.7	35.4	35.2	36.0	36.6
8H 4H	30.0	30.8	30.5	31.4	31.9	32.0	32.8	32.5	33.4	33.9
6H	30.9	31.6	31.4	32.1	32.7	33.7	34.4	34.3	34.9	35.6
8H	31.2	31.8	31.8	32.4	33.1	34.6	35.2	35.2	35.8	36.5
12H	31.4	32.0	32.1	32.6	33.3	35.7	36.2	36.3	36.8	37.5
12H 4H	30.2	31.0	30.7	31.5	32.1	32.0	32.8	32.6	33.3	33.9
6H	31.2	31.8	31.8	32.4	33.1	33.8	34.4	34.4	35.0	35.6
8H	31.7	32.2	32.3	32.8	33.5	34.8	35.3	35.4	35.9	36.6
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 / - 0.5					+ 0.2 / - 0.3				

CIE Pub.117, 395.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.2)  
Area: 0.006 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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*1	Shielding Angle:

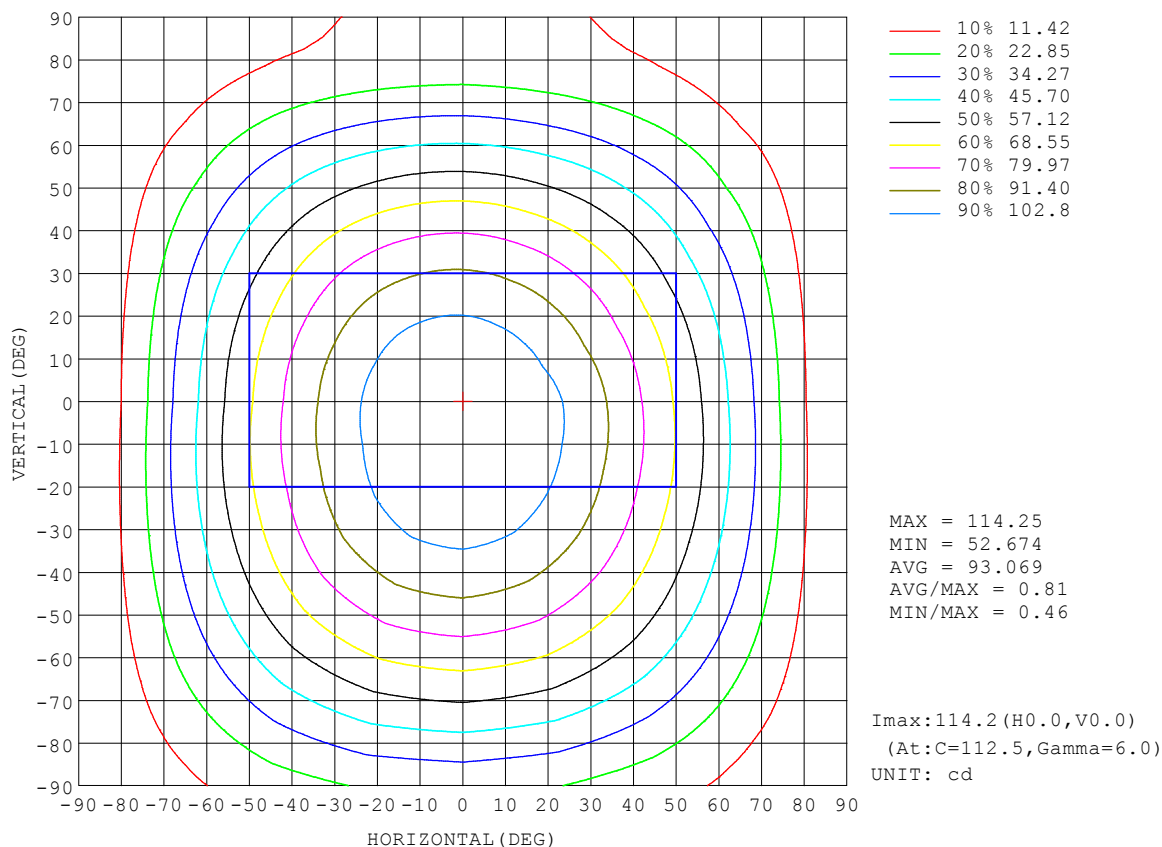
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	41	34	50	40	33	27
0.80	62	50	43	61	50	42	59	49	42	34
1.00	71	59	51	69	58	50	66	59	50	42
1.25	78	66	58	76	65	58	72	63	56	48
1.50	83	72	64	80	70	63	77	68	62	53
2.00	90	80	73	87	78	72	83	75	69	60
2.50	94	85	78	91	83	77	86	79	74	64
3.00	97	89	83	95	87	81	89	83	78	67
4.00	102	95	89	99	93	88	93	88	84	72
5.00	104	99	94	101	96	92	95	91	87	75
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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*1	Shielding Angle:



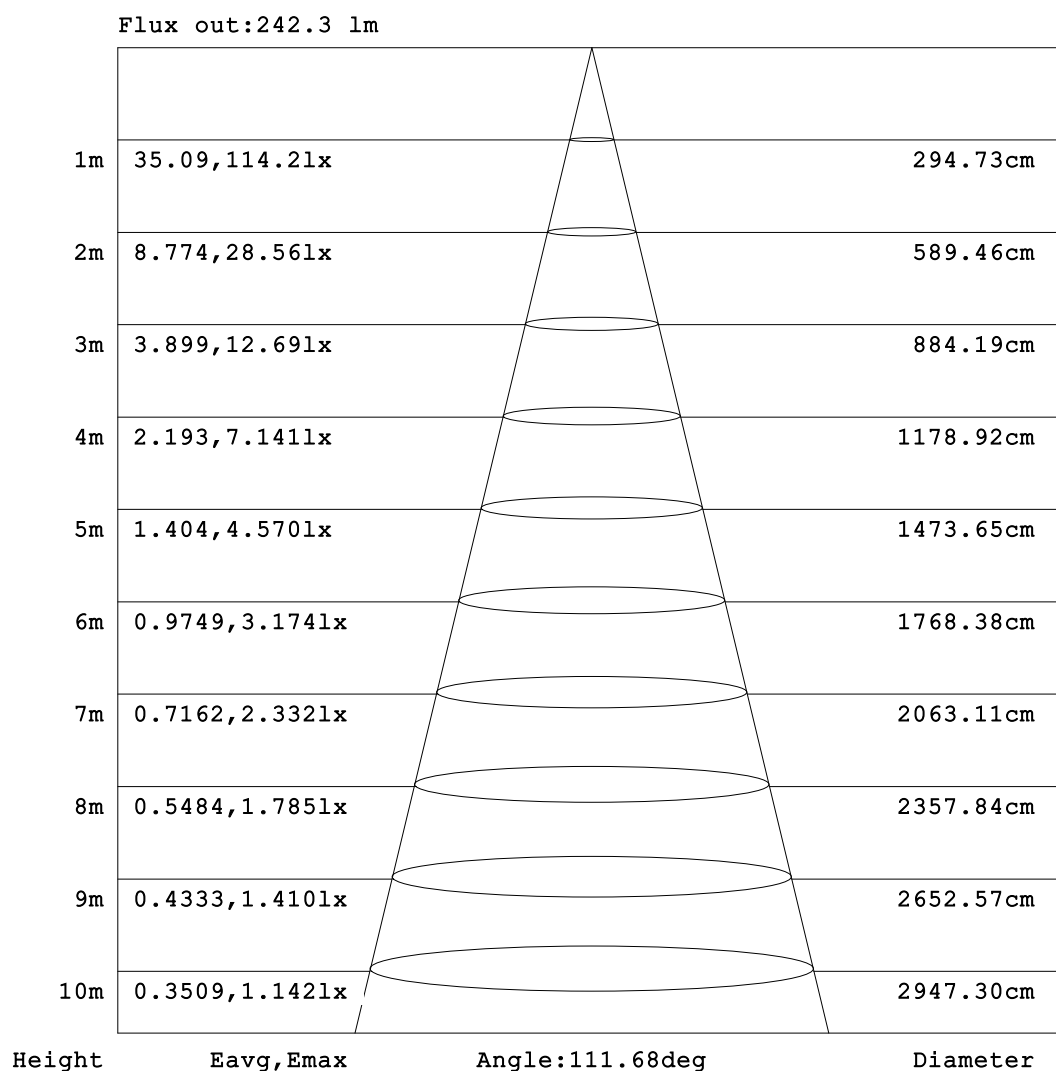
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:YSL  
Test Date:2021-07-12

☐ 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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*1	Shielding Angle:



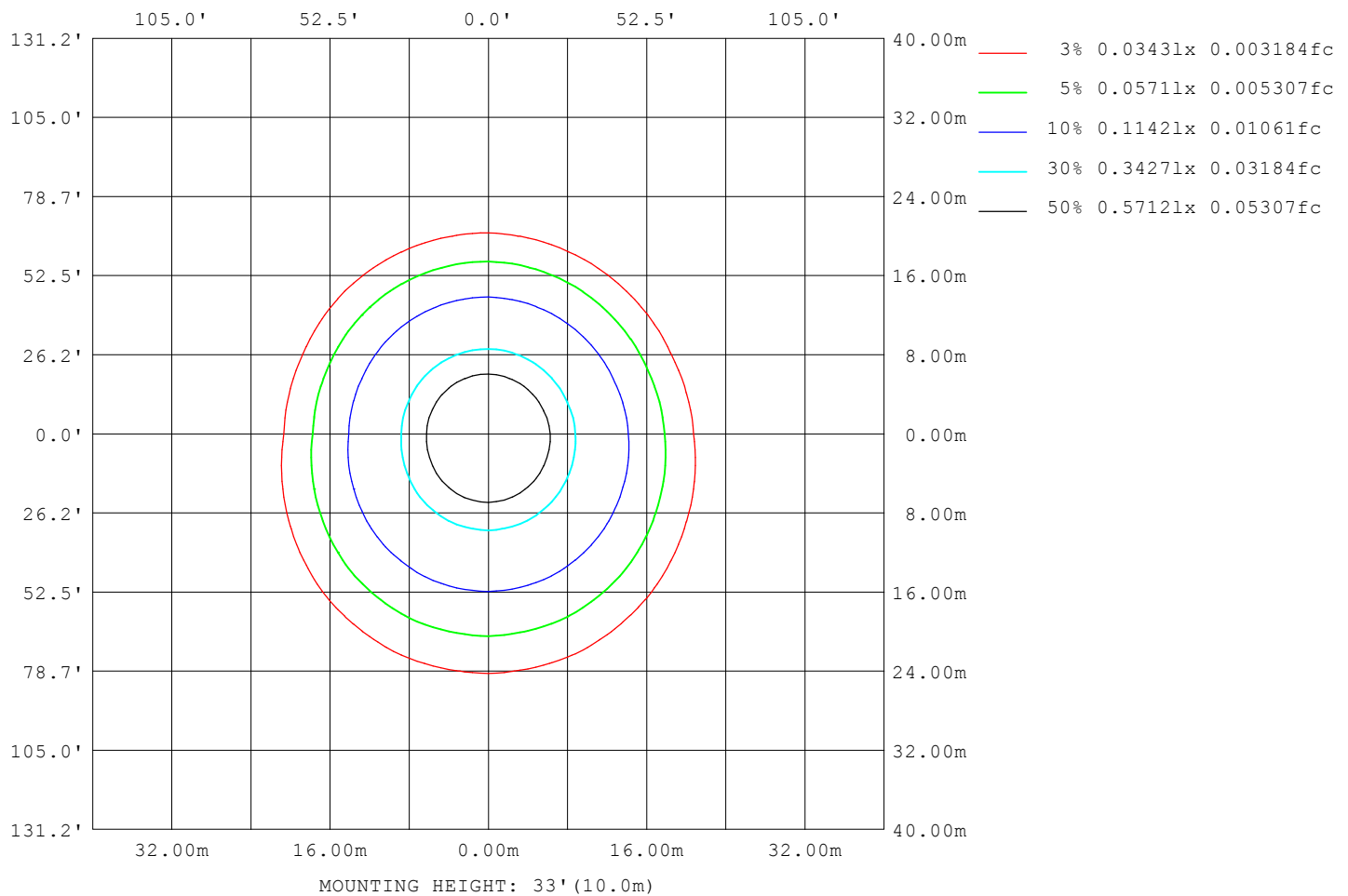
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*1	Shielding Angle:

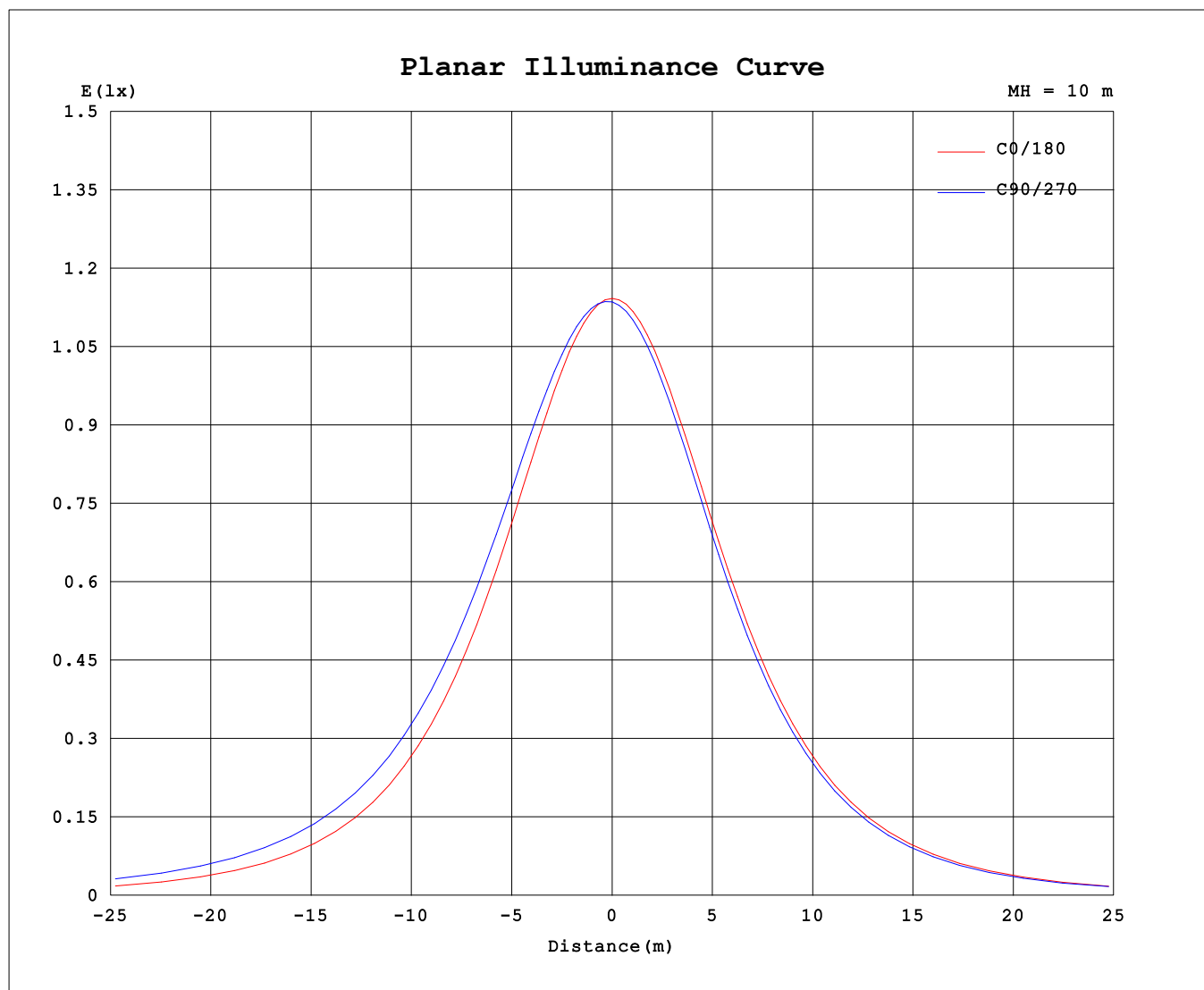
AvgL	cd/m2
L_0~180 (65) av	15733
L_0~180 (75) av	13375
L_0~180 (85) av	8331
L_90~270 (65) av	20355
L_90~270 (75) av	23071
L_90~270 (85) av	45730
L_45 (65) av	18678
L_45 (75) av	19538
L_45 (85) av	32672

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:0.4259A P:10.221W PF:1.0000 Freq:0Hz Lamp Flux:3.29177x120 lm		
NAME: NS-S0612-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.006*0.012MM	SERIAL No.:
MFR.:	SUR.: 0.006*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	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114			
5	113	113	114	114	114	114	114	114	113	113	113	113	113	112	113	113			
10	111	112	113	114	114	114	113	113	112	111	111	110	110	110	110	111			
15	109	110	112	113	113	113	112	111	110	109	109	108	108	107	108	108			
20	105	107	109	111	112	111	110	108	105	105	104	103	103	103	103	104			
25	102	104	106	109	110	110	108	105	102	101	100	99.6	99.1	98.7	99.0	99.9			
30	95.3	98.0	102	105	106	106	103	99.1	95.6	94.4	93.9	93.0	92.4	91.9	92.2	93.2			
35	90.4	93.7	98.0	102	103	103	99.6	94.8	90.7	89.4	89.0	88.0	87.4	86.8	87.1	88.1			
40	82.3	86.4	91.7	96.1	97.9	97.2	93.4	87.6	82.5	81.1	80.7	79.7	79.1	78.4	78.6	79.7			
45	76.4	81.1	86.9	91.7	93.7	92.9	88.7	82.2	76.5	75.0	74.7	73.7	73.1	72.3	72.5	73.6			
50	66.9	72.4	79.1	84.4	86.6	85.7	81.0	73.6	66.8	65.2	65.0	64.2	63.5	62.7	62.7	63.8			
55	60.1	66.3	73.5	79.2	81.4	80.4	75.4	67.4	59.9	58.3	58.2	57.4	56.8	55.9	55.8	56.8			
60	49.5	56.5	64.5	70.7	73.1	71.9	66.4	57.7	49.0	47.4	47.6	46.9	46.4	45.3	45.1	46.0			
65	42.1	49.7	58.2	64.7	67.2	65.9	60.1	50.8	41.5	39.9	40.3	39.8	39.3	38.2	37.8	38.5			
70	30.7	39.1	48.3	55.3	57.9	56.4	50.2	40.2	30.0	28.5	29.3	29.2	29.1	27.9	27.0	27.2			
75	23.0	31.9	41.6	48.8	51.5	49.9	43.4	33.1	22.3	21.1	22.4	22.9	23.1	22.0	20.5	19.9			
80	12.1	21.2	31.3	38.8	41.6	39.9	33.1	22.5	11.3	11.2	13.8	15.7	16.6	15.6	13.2	10.7			
85	5.95	14.7	24.7	32.2	35.0	33.3	26.5	15.9	5.26	6.50	10.4	13.4	14.6	13.6	10.7	6.85			
90	0.83	7.42	16.2	23.2	25.9	24.1	17.7	8.27	0.53	4.24	8.99	12.3	13.5	12.4	9.40	4.99			
95	0.21	5.60	12.7	18.6	21.0	19.4	13.7	6.00	0.20	3.81	8.46	11.7	12.9	11.8	8.83	4.49			
100	0.31	4.86	10.6	15.1	16.8	15.5	10.6	4.77	0.28	3.26	7.17	10.7	11.9	10.8	7.99	3.78			
105	0.40	4.59	9.84	13.9	15.3	14.1	9.72	4.73	0.35	3.00	6.87	10.1	11.2	10.2	7.44	3.35			
110	0.53	4.30	8.97	12.5	13.7	12.7	8.90	4.25	0.48	2.62	6.16	8.78	10.1	9.19	6.63	2.29			
115	0.62	4.13	8.43	11.7	12.8	11.6	8.15	4.05	0.56	2.10	5.63	8.08	9.40	8.54	6.13	0.82			
120	0.75	3.89	7.69	10.5	11.6	10.3	6.69	3.46	0.68	1.27	4.84	7.18	8.36	7.58	5.38	0.77			
125	0.82	3.58	7.22	9.82	10.8	9.51	5.87	3.14	0.75	1.13	4.32	6.62	7.32	6.97	4.00	0.83			
130	0.94	3.17	6.55	8.79	9.63	8.38	5.11	2.69	0.85	1.04	3.17	5.59	6.29	5.98	1.19	0.94			
135	1.01	2.99	6.10	8.12	8.90	7.06	4.63	2.48	0.92	1.01	2.38	4.62	5.61	3.90	1.10	1.01			
140	1.10	2.72	5.45	7.16	7.84	5.64	3.88	2.08	1.01	1.00	1.63	2.86	3.64	1.22	1.17	1.12			
145	1.16	2.42	4.77	6.53	7.15	4.97	3.56	2.01	1.08	1.06	1.45	1.91	1.61	1.21	1.22	1.18			
150	1.25	2.02	3.81	5.61	6.14	3.97	2.90	1.94	1.17	1.15	1.24	1.39	1.18	1.26	1.30	1.26			
155	1.30	1.90	3.36	4.85	5.42	3.36	2.47	2.12	1.23	1.20	1.20	1.23	1.23	1.31	1.35	1.32			
160	1.38	1.77	2.61	3.47	4.33	2.52	2.46	2.25	1.33	1.30	1.29	1.30	1.31	1.38	1.43	1.41			
165	1.43	1.73	2.15	2.94	3.61	2.27	2.49	2.28	1.39	1.36	1.34	1.35	1.37	1.43	1.47	1.46			
170	1.51	1.67	1.88	2.05	1.76	2.01	2.45	2.02	1.49	1.46	1.45	1.44	1.44	1.51	1.54	1.54			
175	1.56	1.68	1.72	1.82	1.60	2.07	2.10	1.94	1.55	1.53	1.51	1.50	1.50	1.55	1.58	1.59			
180	1.62	1.61	1.59	1.57	1.58	1.58	1.61	1.63	1.62	1.61	1.59	1.57	1.58	1.58	1.61	1.63			

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C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:YSL

Test Date:2021-07-12

□ Range: 0 - 180DEG

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