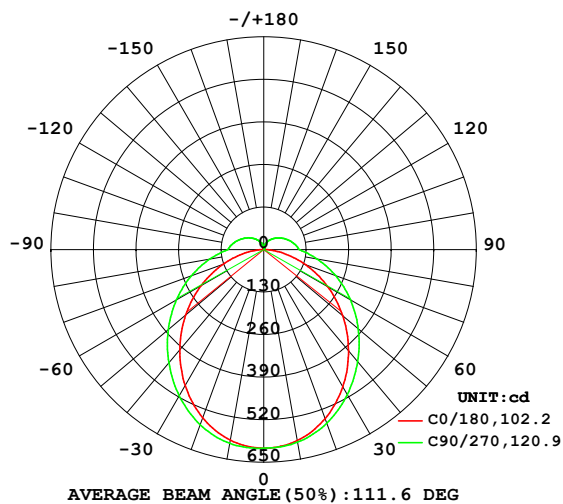


LUMINAIRE PHOTOMETRIC TEST REPORT

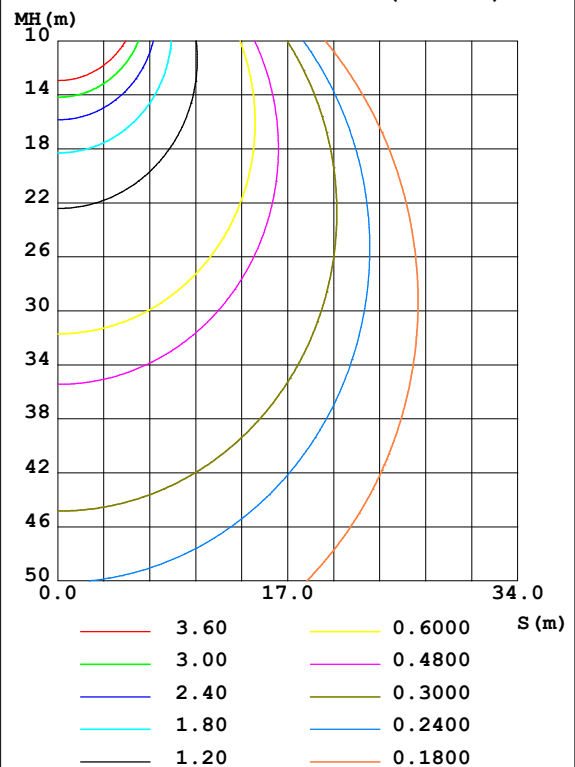
Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TRIPOLED		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.10 lm/W			
MODEL	20000mm 1300lm 940 HV ADV6	Imax(cd)	607.4	S/MH(C0/180)	1.18
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	2075.3	η UP,DN(C0-180)	5.9,43.9
NOMINAL FLUX(lm)	2075.31	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	6.0,44.2
LAMPS INSIDE	1	η up(%)	11.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	88.1	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:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [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	592.4	595.5	597.5	594.0	590.9	597.4	601.1	598.8	0- 10	57.43	57.43	2.77,2.77
20	549.3	559.0	564.3	556.7	546.6	561.8	569.2	564.0	10- 20	163.7	221.2	10.7,10.7
30	483.7	501.6	511.3	498.9	480.2	504.3	516.4	507.0	20- 30	245.1	466.3	22.5,22.5
40	403.3	431.1	446.9	428.2	399.3	433.3	451.4	436.0	30- 40	291.8	758.1	36.5,36.5
50	315.6	354.2	377.4	351.5	311.5	355.7	380.9	358.2	40- 50	301.8	1060	51.1,51.1
60	225.4	275.1	305.9	272.6	221.5	275.9	308.4	278.0	50- 60	278.8	1339	64.5,64.5
70	136.5	196.7	234.0	194.8	132.8	197.1	235.8	198.6	60- 70	229.3	1568	75.5,75.5
80	56.12	124.5	165.6	123.5	53.63	125.3	167.3	125.9	70- 80	163.3	1731	83.4,83.4
90	0.6761	69.42	108.9	69.26	0.6386	70.43	110.4	70.23	80- 90	97.16	1828	88.1,88.1
100	0.8446	62.17	96.67	62.14	0.9522	62.99	98.02	62.64	90-100	66.21	1895	91.3,91.3
110	1.221	54.03	83.03	54.09	1.336	54.35	84.00	54.18	100-110	56.43	1951	94,94
120	1.638	45.68	69.25	42.32	1.761	42.28	69.81	45.52	110-120	44.86	1996	96.2,96.2
130	2.059	37.59	56.16	30.88	2.189	30.67	56.25	37.16	120-130	33.06	2029	97.8,97.8
140	2.472	29.87	43.94	22.14	2.591	21.94	43.62	29.31	130-140	22.38	2051	98.8,98.8
150	2.830	22.45	32.46	15.32	2.934	15.07	31.95	21.81	140-150	13.55	2065	99.5,99.5
160	3.122	15.32	21.57	11.26	3.214	10.89	20.74	14.72	150-160	7.108	2072	99.8,99.8
170	3.340	8.197	11.01	7.469	3.410	7.117	10.30	7.757	160-170	2.834	2075	100,100
180	3.447	3.460	3.478	3.457	3.458	3.449	3.456	3.454	170-180	0.5319	2075	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 909.88 lm

%lum = 43.8%

%lamp = 43.8%

Conical surface Flux(120deg): 1338.6 lm

%lum = 64.5%

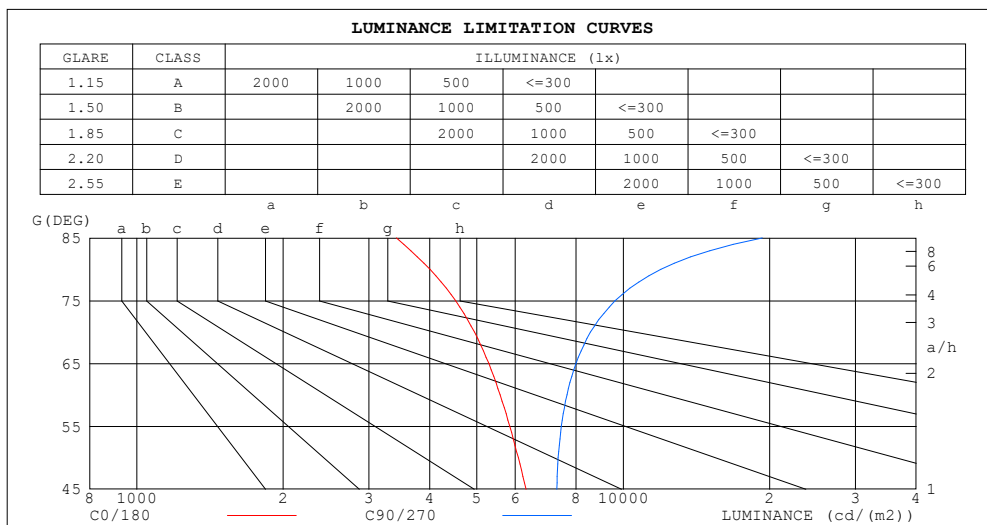
%lamp = 64.5%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TREBOLED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3417	19314
80	4006	11940
75	4525	9628
70	4947	8568
65	5293	7995
60	5587	7660
55	5846	7462
50	6085	7351
45	6311	7306

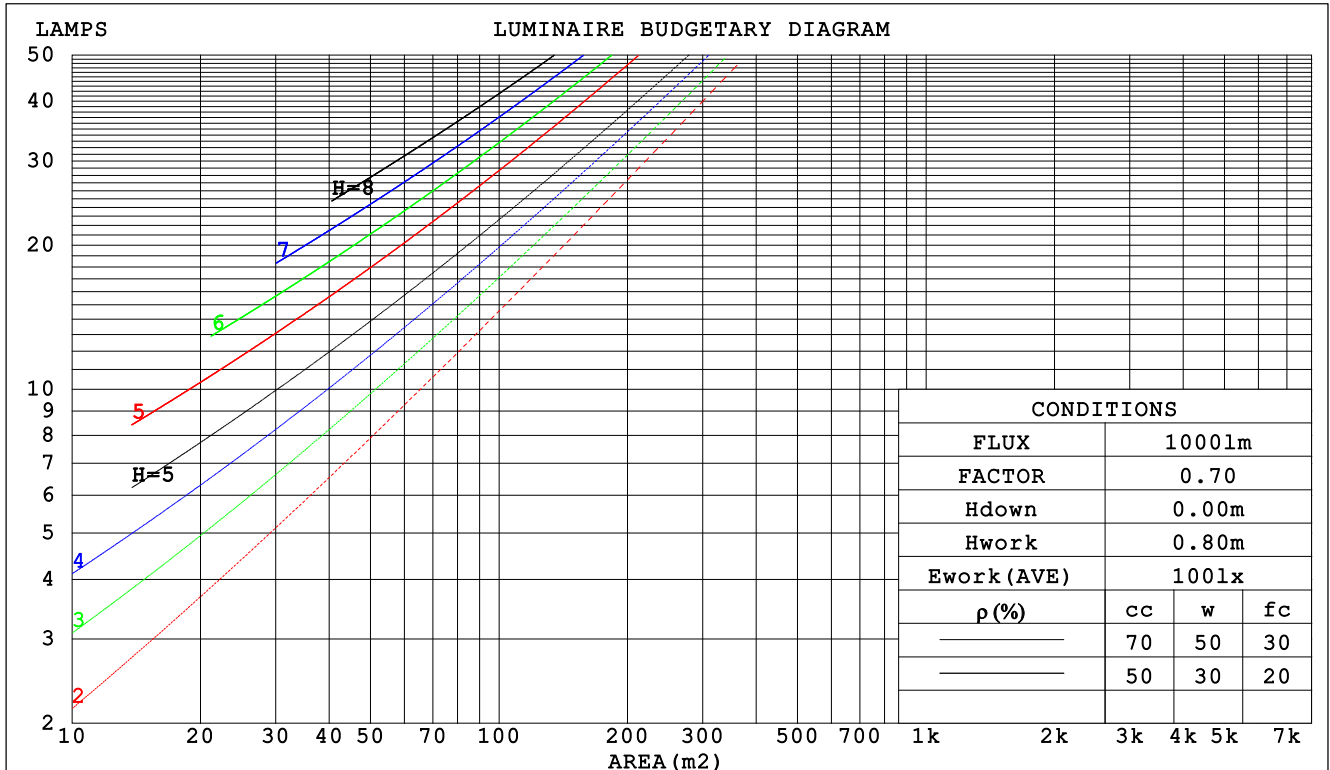
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 23 February 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 7.890m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K CRI90 LED		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.05	1.05	1.05	.98	.98	.98	.91	.91	.91	.88
1.0	.99	.94	.90	.96	.91	.88	.89	.86	.83	.83	.81	.78	.78	.76	.74	.71
2.0	.86	.79	.72	.83	.76	.71	.77	.72	.67	.72	.68	.64	.68	.64	.61	.58
3.0	.75	.67	.60	.73	.65	.58	.68	.61	.56	.63	.58	.53	.59	.55	.51	.48
4.0	.66	.57	.50	.64	.56	.49	.60	.53	.47	.56	.50	.46	.53	.48	.44	.41
5.0	.59	.50	.43	.57	.49	.42	.54	.46	.41	.51	.44	.39	.48	.42	.38	.35
6.0	.53	.44	.38	.52	.43	.37	.49	.41	.36	.46	.39	.34	.43	.38	.33	.31
7.0	.48	.39	.33	.47	.38	.33	.44	.37	.32	.42	.35	.30	.39	.34	.29	.27
8.0	.44	.35	.29	.43	.35	.29	.40	.33	.28	.38	.32	.27	.36	.31	.26	.24
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.35	.29	.25	.33	.28	.24	.22
10.0	.37	.29	.24	.36	.29	.24	.34	.28	.23	.33	.27	.22	.31	.26	.22	.20



C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:JEFF

Test Date:23 February 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295

Humidity:65.0%

Test Distance:7.890m [K=1.0000]

Remarks:

WEC AND CCEC

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TRIPOLED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	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	.343	.195	.062	.333	.190	.060	.313	.179	.057	.294	.170	.054	.277	.161	.052		
2.0	.308	.169	.052	.299	.164	.051	.280	.156	.048	.264	.148	.046	.248	.140	.044		
3.0	.279	.148	.044	.270	.145	.044	.254	.138	.042	.239	.131	.040	.225	.125	.039		
4.0	.254	.132	.039	.246	.129	.038	.232	.123	.037	.218	.117	.035	.205	.112	.034		
5.0	.233	.119	.034	.226	.116	.034	.213	.111	.033	.200	.106	.031	.189	.101	.030		
6.0	.215	.108	.031	.209	.105	.030	.197	.101	.029	.185	.096	.028	.175	.092	.027		
7.0	.199	.098	.028	.193	.096	.027	.182	.092	.027	.172	.088	.026	.163	.084	.025		
8.0	.185	.091	.025	.180	.089	.025	.170	.085	.024	.161	.081	.023	.152	.078	.023		
9.0	.173	.084	.023	.169	.082	.023	.159	.079	.022	.151	.076	.022	.143	.072	.021		
10.0	.163	.078	.022	.158	.076	.021	.150	.073	.021	.142	.070	.020	.134	.068	.019		

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	.281	.281	.281	.240	.240	.240	.164	.164	.164	.094	.094	.094	.030	.030	.030	
1.0	.274	.247	.223	.234	.212	.192	.160	.146	.133	.092	.084	.077	.030	.027	.025	
2.0	.266	.224	.188	.228	.193	.163	.156	.133	.113	.090	.078	.066	.029	.025	.022	
3.0	.259	.207	.166	.222	.178	.144	.152	.124	.101	.088	.072	.059	.028	.024	.019	
4.0	.251	.194	.150	.215	.168	.131	.148	.117	.092	.086	.068	.054	.028	.022	.018	
5.0	.243	.184	.140	.209	.159	.122	.144	.111	.086	.083	.065	.051	.027	.021	.017	
6.0	.236	.176	.132	.203	.152	.115	.140	.107	.082	.081	.063	.049	.026	.020	.016	
7.0	.229	.169	.127	.197	.147	.111	.136	.103	.078	.079	.061	.047	.026	.020	.015	
8.0	.223	.163	.123	.192	.142	.107	.133	.100	.076	.077	.059	.045	.025	.019	.015	
9.0	.217	.159	.119	.187	.138	.104	.129	.097	.074	.075	.057	.044	.024	.019	.015	
10.0	.211	.154	.117	.182	.134	.102	.126	.094	.072	.074	.056	.043	.024	.018	.014	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm										
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TREBOLED								WEIGHT:		
SPEC.:				DIM.:				SERIAL No.:1		
MFR.: DARKON				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	18.1	19.5	18.5	19.9	20.3	19.3	20.7	19.7	21.1	21.5
3H	19.5	20.8	20.0	21.2	21.7	21.4	22.7	21.9	23.1	23.6
4H	20.1	21.3	20.5	21.7	22.2	22.5	23.7	23.0	24.2	24.7
6H	20.5	21.6	21.0	22.1	22.6	23.6	24.8	24.1	25.2	25.8
8H	20.6	21.7	21.1	22.2	22.7	24.2	25.3	24.7	25.8	26.4
12H	20.6	21.7	21.2	22.2	22.8	24.9	26.0	25.4	26.5	27.0
4H 2H	18.9	20.1	19.4	20.6	21.1	19.8	21.1	20.3	21.5	22.0
3H	20.6	21.6	21.1	22.1	22.7	22.2	23.2	22.7	23.7	24.3
4H	21.3	22.3	21.8	22.8	23.4	23.4	24.4	24.0	24.9	25.5
6H	21.8	22.7	22.4	23.3	23.9	24.8	25.6	25.3	26.2	26.8
8H	22.0	22.8	22.6	23.4	24.0	25.5	26.3	26.1	26.9	27.5
12H	22.2	22.9	22.8	23.5	24.1	26.3	27.1	26.9	27.6	28.3
8H 4H	21.9	22.7	22.5	23.3	23.9	23.7	24.5	24.3	25.1	25.7
6H	22.7	23.4	23.4	24.0	24.7	25.3	26.0	25.9	26.6	27.3
8H	23.1	23.7	23.7	24.3	25.0	26.2	26.8	26.9	27.5	28.2
12H	23.4	23.9	24.0	24.5	25.2	27.3	27.8	27.9	28.5	29.2
12H 4H	22.1	22.8	22.7	23.4	24.1	23.7	24.5	24.3	25.1	25.7
6H	23.0	23.7	23.7	24.3	25.0	25.4	26.0	26.0	26.6	27.3
8H	23.5	24.0	24.2	24.7	25.4	26.4	26.9	27.1	27.6	28.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 2075 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.5)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TRIPOLED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

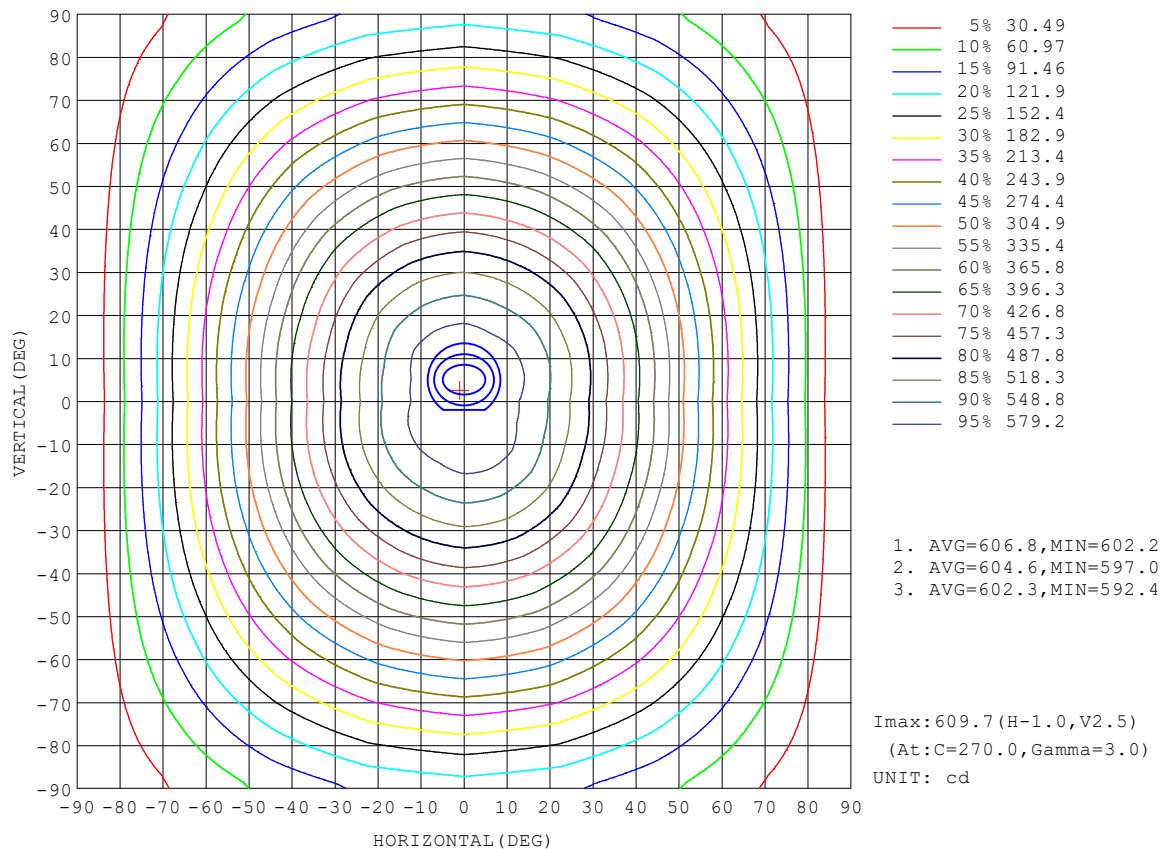
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	41	34	51	40	33	50	39	33	26
0.80	62	50	42	61	49	42	58	48	41	34
1.00	70	58	50	68	57	50	65	58	49	41
1.25	77	65	58	75	64	57	71	62	55	47
1.50	82	71	63	80	69	62	75	67	60	51
2.00	89	79	72	86	77	70	81	74	68	58
2.50	93	84	77	90	82	76	85	78	73	62
3.00	97	88	82	93	86	80	88	82	77	65
4.00	101	94	88	97	91	86	91	86	82	70
5.00	104	98	93	100	95	90	94	89	86	73
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TRIPOLED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

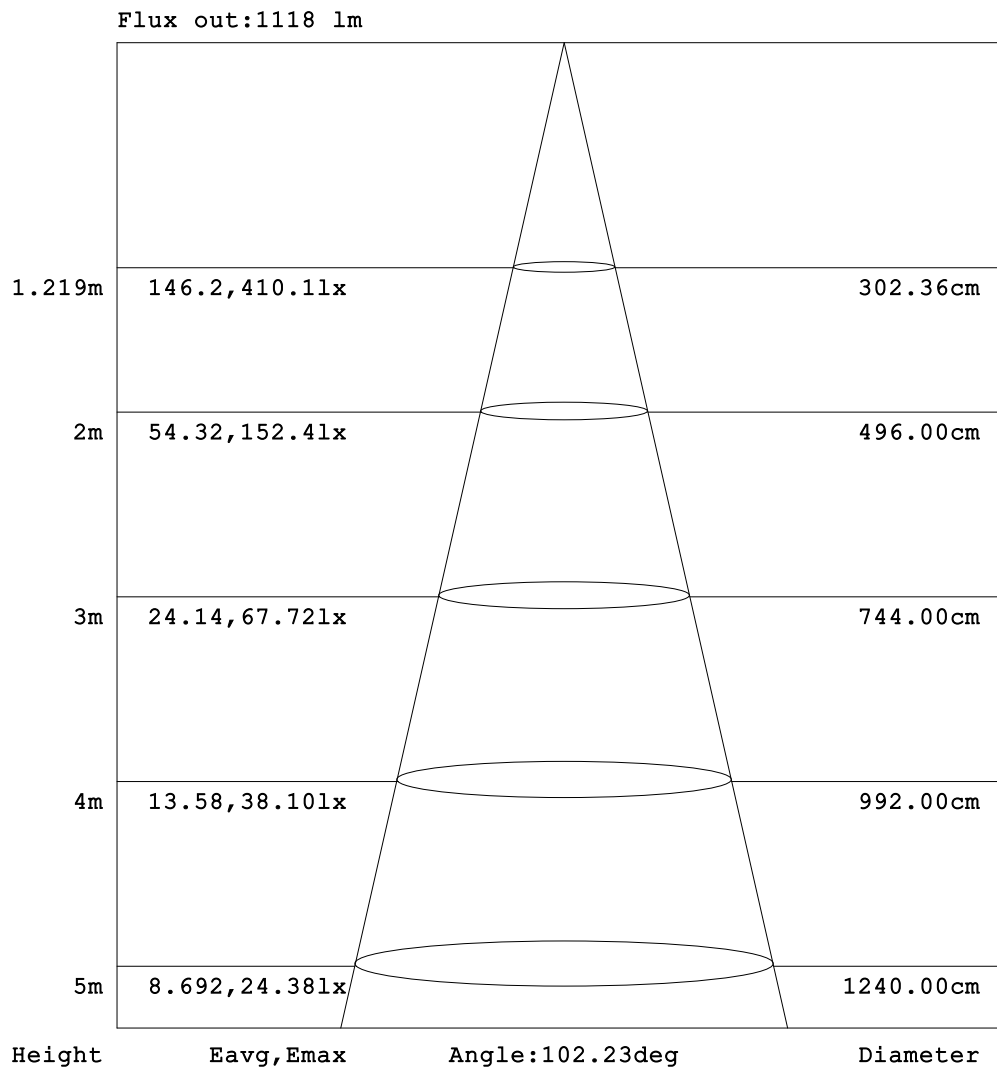


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

AAI Figure

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TRIPOLED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



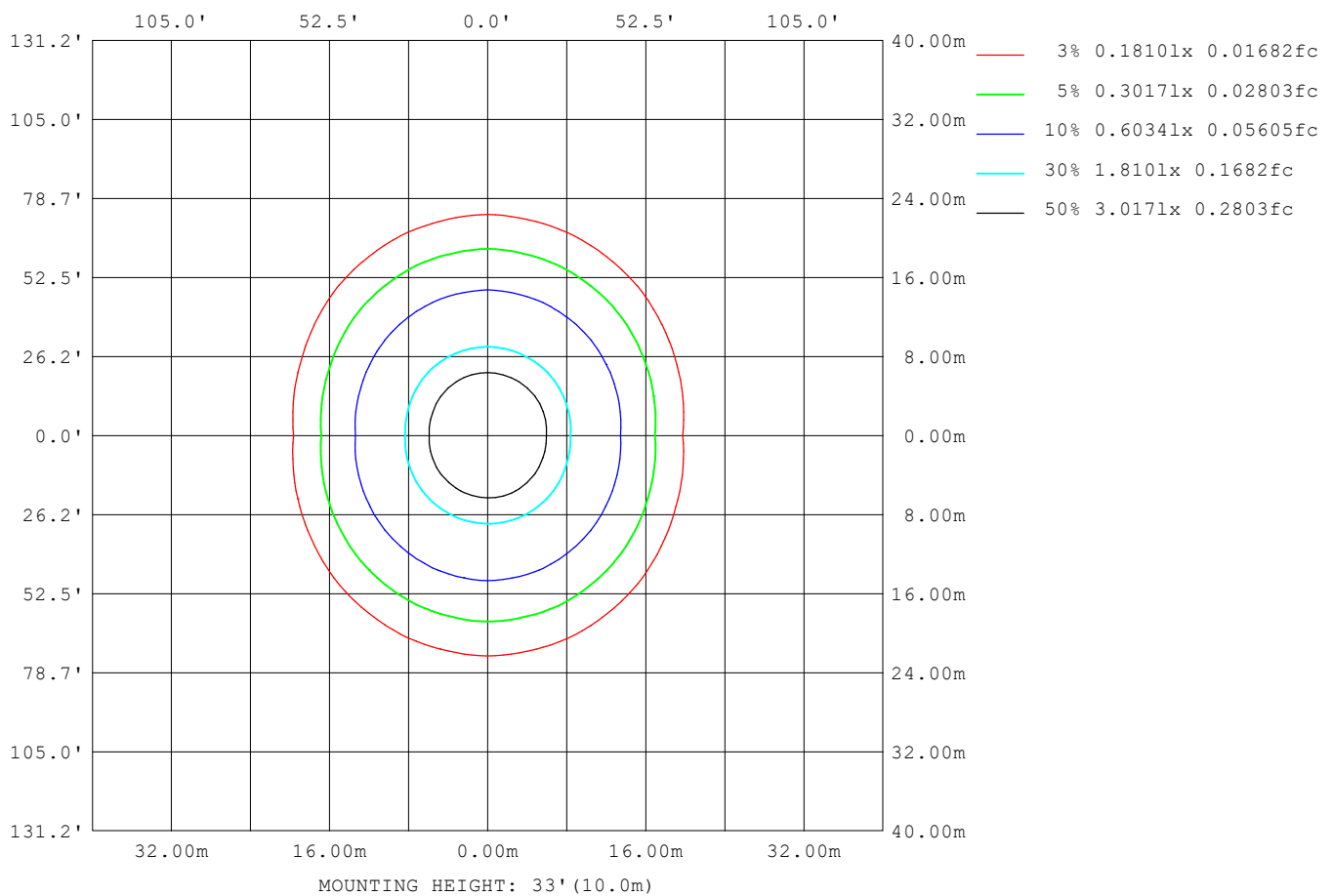
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TREBOLED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K CRI90LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

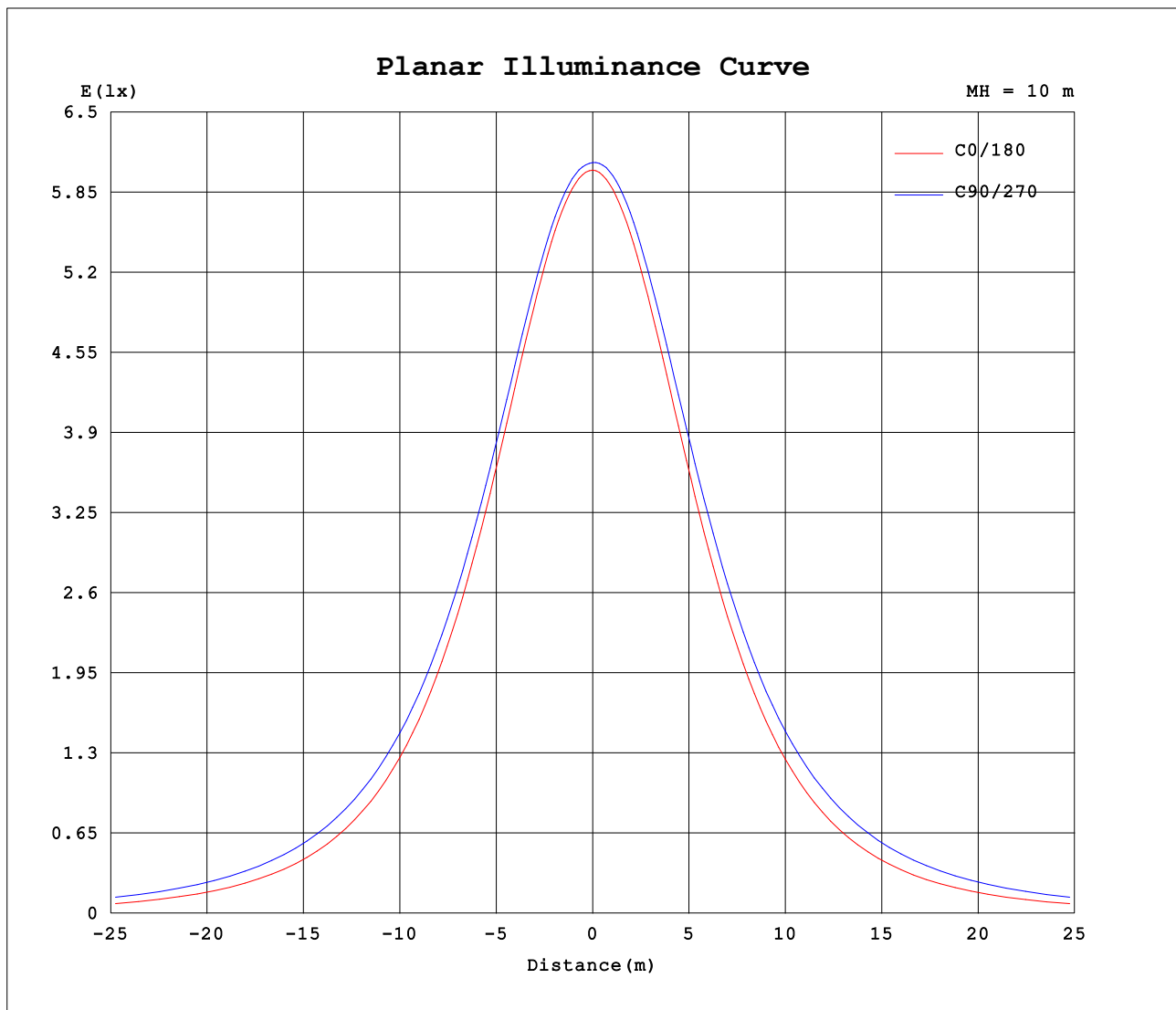
AvgL	cd/m2
L_0~180 (65) av	5271
L_0~180 (75) av	4472
L_0~180 (85) av	3349
L_90~270 (65) av	7997
L_90~270 (75) av	9635
L_90~270 (85) av	19376
L_45 (65) av	6960
L_45 (75) av	7685
L_45 (85) av	13455

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:23 February 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 23 February 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 7.890m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.1V I:0.1148A P:25.59W PF:0.9288 Lamp Flux:2075.31x1 lm		
NAME: SLIM C CUBED_1160_NA_WHT_OPAL_HE_500mA_4000K TRIPOLED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	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	607	607	607	607	607	607	607	607	607	607	607	607	607	607	607	607			
5	603	603	604	605	605	604	603	602	603	604	605	606	607	607	606	605			
10	592	593	595	597	597	596	594	592	591	594	597	600	601	601	599	595			
15	574	577	580	583	584	582	578	574	572	577	583	587	588	587	585	579			
20	549	553	559	563	564	562	557	550	547	554	562	567	569	568	564	556			
25	519	525	532	538	540	537	530	522	516	525	535	542	545	543	538	528			
30	484	492	502	509	511	508	499	488	480	491	504	513	516	514	507	495			
35	445	455	467	477	480	476	465	451	441	455	470	480	485	482	473	458			
40	403	416	431	443	447	442	428	412	399	415	433	446	451	447	436	419			
45	360	375	393	408	413	406	390	371	356	374	395	410	417	411	398	377			
50	316	333	354	372	377	370	352	329	311	332	356	373	381	375	358	335			
55	271	290	315	335	342	334	312	287	267	289	316	336	345	337	318	292			
60	225	248	275	298	306	297	273	244	221	246	276	299	308	300	278	249			
65	180	205	236	261	270	260	233	201	177	203	236	261	272	262	238	206			
70	137	163	197	224	234	223	195	160	133	161	197	224	236	225	199	164			
75	94.5	123	159	188	199	188	158	120	91.0	121	160	189	201	189	161	124			
80	56.1	86.9	124	155	166	154	123	84.8	53.6	85.5	125	155	167	155	126	87.0			
85	24.0	55.6	93.6	123	134	123	93.0	54.5	22.8	55.0	94.6	124	136	124	94.8	55.5			
90	0.68	32.2	69.4	98.0	109	97.9	69.3	31.8	0.64	32.6	70.4	99.2	110	99.3	70.2	32.4			
95	0.69	30.4	65.9	92.9	103	92.8	65.8	30.2	0.78	30.7	66.9	94.1	105	94.1	66.6	30.5			
100	0.84	28.7	62.2	87.3	96.7	87.3	62.1	28.6	0.95	29.0	63.0	88.3	98.0	88.3	62.6	28.6			
105	1.02	27.0	58.2	81.4	89.9	81.4	58.2	27.0	1.14	27.2	58.9	82.3	91.1	82.1	58.5	26.8			
110	1.22	25.3	54.0	75.2	83.0	75.3	54.1	24.6	1.34	24.7	54.3	76.0	84.0	75.8	54.2	24.9			
115	1.42	23.7	49.8	69.1	76.1	69.2	48.3	21.8	1.54	21.7	48.3	69.7	76.9	69.5	49.8	23.2			
120	1.64	22.0	45.7	63.0	69.3	63.1	42.3	19.6	1.76	19.5	42.3	63.4	69.8	63.2	45.5	21.5			
125	1.85	20.4	41.6	57.0	62.6	57.2	36.5	17.0	1.98	16.8	36.4	57.2	62.9	57.0	41.3	19.8			
130	2.06	18.7	37.6	51.2	56.2	50.3	30.9	14.8	2.19	14.6	30.7	50.4	56.2	51.0	37.2	18.1			
135	2.27	17.1	33.7	45.6	50.0	43.1	26.1	13.0	2.40	12.7	26.0	43.5	49.8	45.2	33.2	16.5			
140	2.47	15.5	29.9	40.2	43.9	34.7	22.1	11.4	2.59	11.1	21.9	35.1	43.6	39.7	29.3	14.8			
145	2.65	13.8	26.1	34.9	38.1	28.2	18.5	9.93	2.77	9.66	18.3	27.9	37.7	34.3	25.5	13.1			
150	2.83	12.2	22.4	29.8	32.5	22.7	15.3	9.18	2.93	8.91	15.1	22.3	32.0	29.1	21.8	11.5			
155	2.97	10.0	18.8	24.8	26.9	17.7	12.8	8.47	3.08	8.17	12.5	17.3	26.4	24.1	18.2	9.47			
160	3.12	8.39	15.3	19.9	21.6	13.5	11.3	7.59	3.21	7.28	10.9	13.2	20.7	19.2	14.7	7.86			
165	3.24	6.88	11.5	15.2	16.4	10.0	9.41	6.68	3.32	6.34	9.05	9.68	15.4	14.5	10.9	6.39			
170	3.34	5.47	8.20	10.2	11.0	7.16	7.47	5.65	3.41	5.30	7.12	6.91	10.3	9.64	7.76	5.07			
175	3.42	4.23	5.44	6.30	4.98	5.48	5.43	4.53	3.46	4.24	5.09	5.20	4.85	5.83	5.06	3.97			
180	3.45	3.47	3.46	3.45	3.48	3.44	3.46	3.46	3.46	3.49	3.45	3.45	3.46	3.44	3.45	3.47			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:JEFF

Test Date:23 February 2024

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