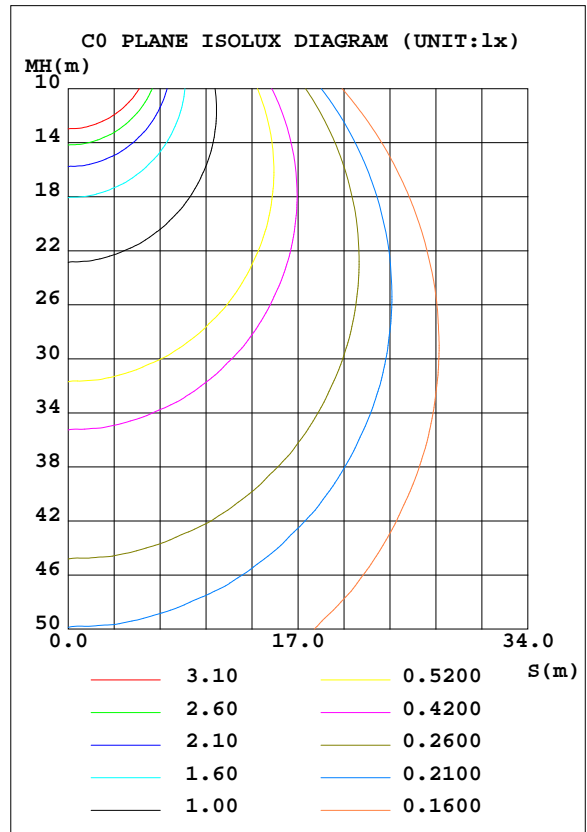
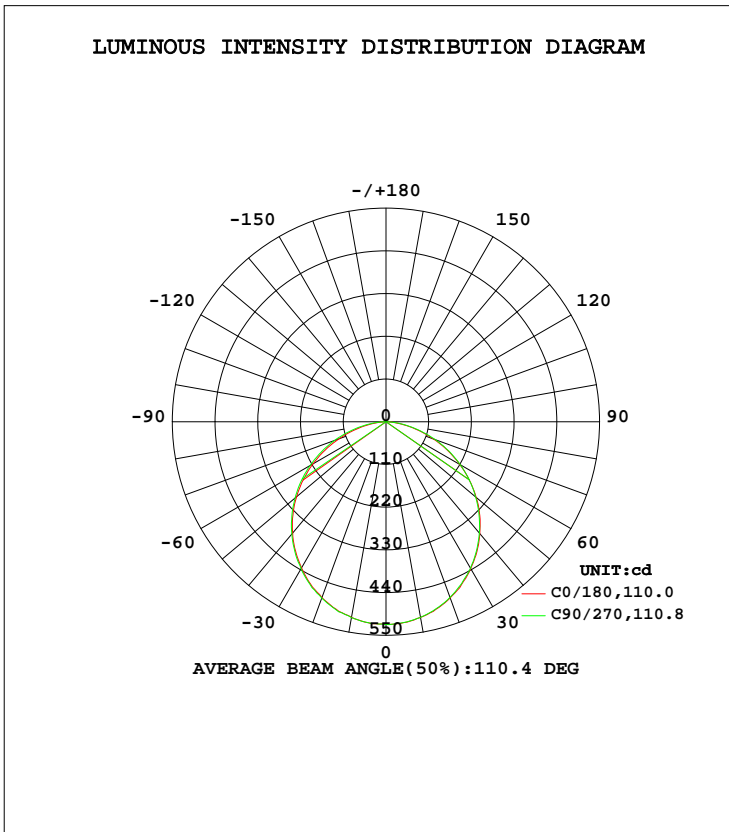


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.63 lm/W			
MODEL	PSZ2S230215007-10	I <sub>max</sub> (cd)	522.8	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1452.9	η UP, DN(C0-180)	0.1,50.3
NOMINAL FLUX(lm)	1452.88	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.6
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [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	511.5	511.7	512.3	513.1	512.0	512.1	511.2	511.3	0- 10	49.36	49.36	3.4,3.4
20	482.0	482.4	483.4	484.4	482.7	482.8	481.6	481.5	10- 20	141.0	190.3	13.1,13.1
30	435.1	435.8	437.3	438.2	436.7	436.2	435.2	434.4	20- 30	212.6	402.9	27.7,27.7
40	374.0	375.4	377.3	378.4	376.1	375.3	374.0	372.8	30- 40	254.9	657.7	45.3,45.3
50	300.5	303.7	305.8	306.7	303.3	302.9	301.6	299.9	40- 50	262.8	920.5	63.4,63.4
60	217.3	222.0	225.8	225.9	219.0	221.4	220.5	217.8	50- 60	235.3	1156	79.6,79.6
70	129.2	134.8	141.3	138.1	130.6	133.0	134.7	130.1	60- 70	176.0	1332	91.7,91.7
80	47.86	52.74	59.71	54.91	48.11	49.78	53.28	48.11	70- 80	96.79	1429	98.3,98.3
90	0.1002	0.1356	2.674	0.1503	0.0280	0.0276	0.0291	0.0279	80- 90	22.77	1451	99.9,99.9
100	0.1241	0.1361	0.1287	0.1468	0.0521	0.0660	0.0591	0.0700	90-100	0.0921	1451	99.9,99.9
110	0.1486	0.1560	0.1552	0.1568	0.0841	0.0910	0.0919	0.0920	100-110	0.1156	1452	99.9,99.9
120	0.1939	0.1973	0.2013	0.2009	0.1299	0.1305	0.1328	0.1319	110-120	0.1400	1452	99.9,99.9
130	0.2800	0.2837	0.2926	0.2901	0.1881	0.1887	0.1839	0.1861	120-130	0.1781	1452	99.9,99.9
140	0.4299	0.4592	0.4643	0.4544	0.2468	0.2508	0.2471	0.2473	130-140	0.2218	1452	99.9,99.9
150	0.6147	0.6743	0.6853	0.6608	0.2882	0.2996	0.3062	0.2993	140-150	0.2615	1452	100,100
160	0.7854	0.8037	0.8086	0.8086	0.3888	0.3911	0.3793	0.3711	150-160	0.2492	1453	100,100
170	0.7489	0.7472	0.7554	0.7564	0.4768	0.4506	0.4399	0.4531	160-170	0.1715	1453	100,100
180	0.6230	0.5714	0.5841	0.6300	0.6291	0.6110	0.5791	0.5984	170-180	0.0578	1453	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 790.38 lm

%lum = 54.4%  
%lamp = 54.4%

Conical surface Flux(120deg): 1155.8 lm

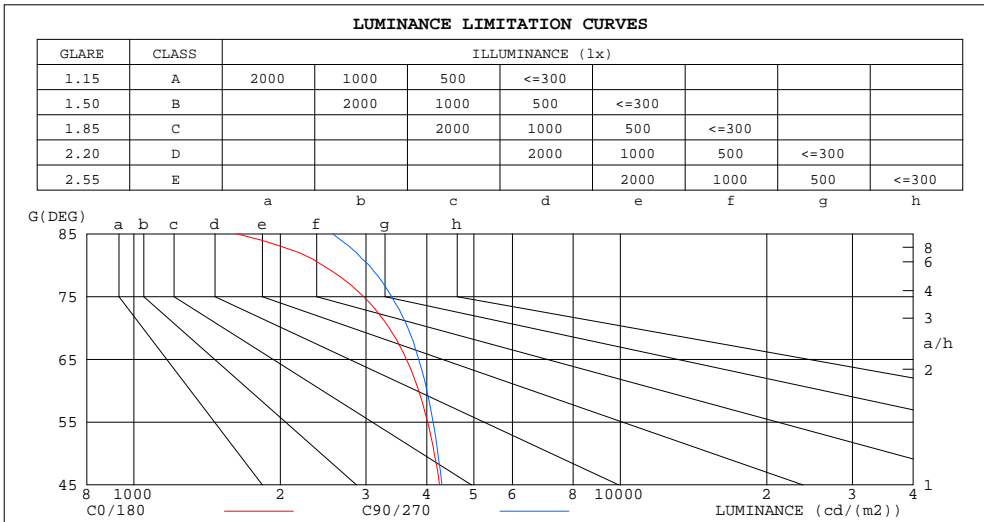
%lum = 79.6%  
%lamp = 79.6%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:24.6DEG  
Operators:Evan  
Test Date:2023-02-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:51%  
Test Distance:2.532m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G( DEG)	C0/180	C90/270
85	1627	2563
80	2442	3047
75	2966	3386
70	3348	3660
65	3631	3849
60	3851	4002
55	4016	4122
50	4142	4216
45	4246	4296

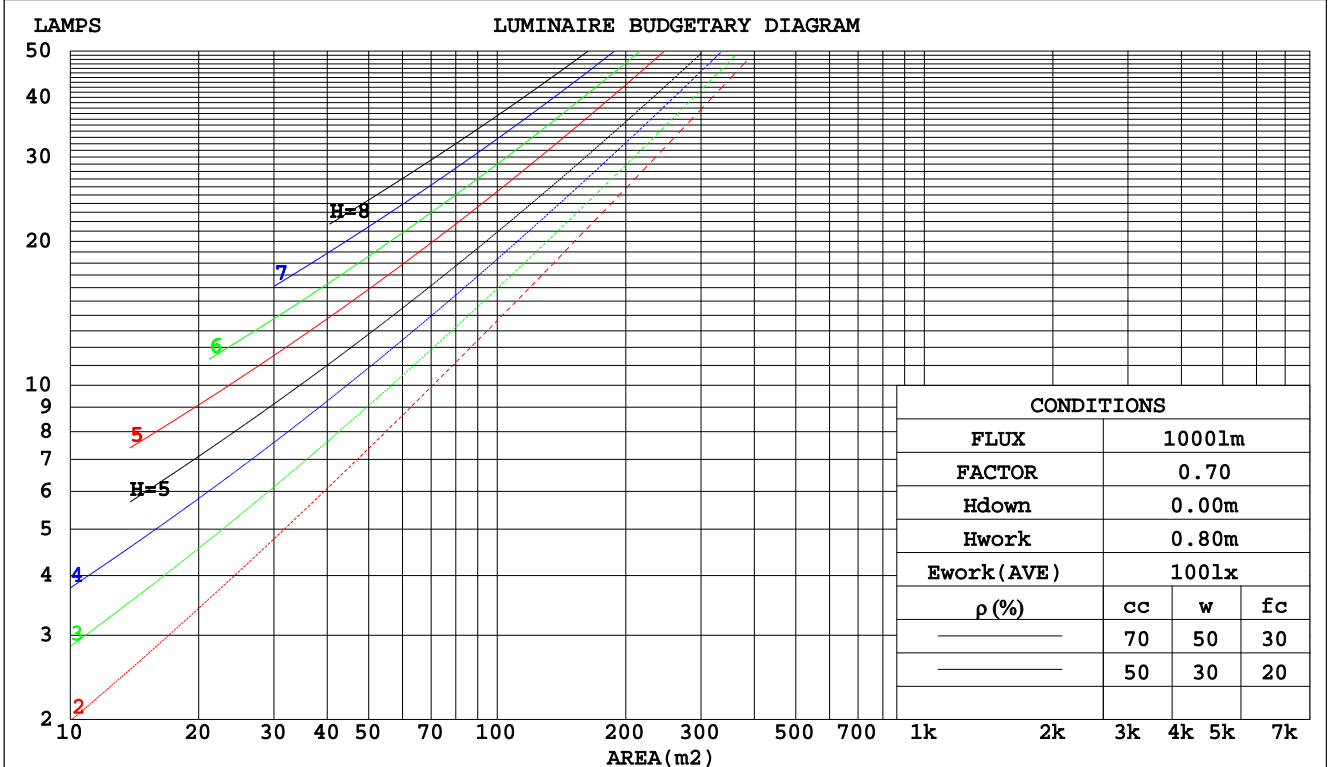
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

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															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.00	.96	1.02	.98	.95	.98	.94	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.48	.62	.54	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.41	.56	.47	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.43	.36	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.304	.173	.055	.297	.169	.054	.284	.163	.052	.271	.157	.050	.260	.151	.049	
2.0	.288	.158	.048	.282	.155	.048	.270	.150	.047	.259	.145	.045	.249	.141	.044	
3.0	.267	.142	.043	.262	.140	.042	.251	.136	.041	.242	.132	.041	.233	.129	.040	
4.0	.247	.128	.038	.242	.127	.037	.233	.124	.037	.224	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.224	.115	.034	.216	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.147	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.136	.155	.135	.117	.106	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.173	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.059	.135	.088	.052	.093	.061	.036	.054	.036	.022	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.030	.051	.032	.018	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.129	.070	.030	.111	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.123	.065	.026	.106	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm										
NAME: LED luminaire					TYPE:N/A			WEIGHT:N/A		
SPEC.:ASD-MPS-9D18CC-BK 4000K					DIM.: N/A			SERIAL No.:N/A		
MFR.: ASD LIGHTING CORP					SUR.:N/A			Shielding Angle:N/A		
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	17.7	19.2	17.9	19.4	19.6	17.8	19.3	18.1	19.5	19.7
3H	19.1	20.5	19.4	20.7	20.9	19.3	20.7	19.6	21.0	21.2
4H	19.6	20.9	19.9	21.2	21.4	19.9	21.3	20.3	21.5	21.8
6H	19.9	21.2	20.2	21.4	21.7	20.4	21.6	20.7	21.9	22.2
8H	20.0	21.2	20.3	21.5	21.8	20.5	21.7	20.8	22.0	22.3
12H	20.0	21.2	20.4	21.5	21.8	20.6	21.7	20.9	22.0	22.3
4H 2H	18.3	19.6	18.6	19.9	20.1	18.4	19.7	18.7	20.0	20.2
3H	19.9	21.0	20.2	21.3	21.6	20.1	21.3	20.5	21.6	21.9
4H	20.5	21.6	20.9	21.9	22.2	20.8	21.9	21.2	22.2	22.5
6H	20.9	21.9	21.3	22.2	22.6	21.4	22.3	21.8	22.7	23.0
8H	21.0	21.9	21.5	22.3	22.7	21.6	22.4	22.0	22.8	23.2
12H	21.1	21.9	21.5	22.3	22.7	21.7	22.5	22.1	22.9	23.3
8H 4H	20.7	21.6	21.2	22.0	22.4	21.1	21.9	21.5	22.3	22.7
6H	21.3	22.0	21.8	22.4	22.9	21.7	22.5	22.2	22.9	23.3
8H	21.5	22.1	22.0	22.6	23.0	22.0	22.6	22.5	23.1	23.5
12H	21.6	22.1	22.1	22.6	23.1	22.2	22.7	22.7	23.2	23.7
12H 4H	20.8	21.6	21.2	22.0	22.4	21.1	21.9	21.5	22.2	22.6
6H	21.4	22.0	21.8	22.4	22.9	21.8	22.4	22.2	22.8	23.3
8H	21.6	22.1	22.1	22.6	23.1	22.1	22.6	22.5	23.1	23.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1453 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.3)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

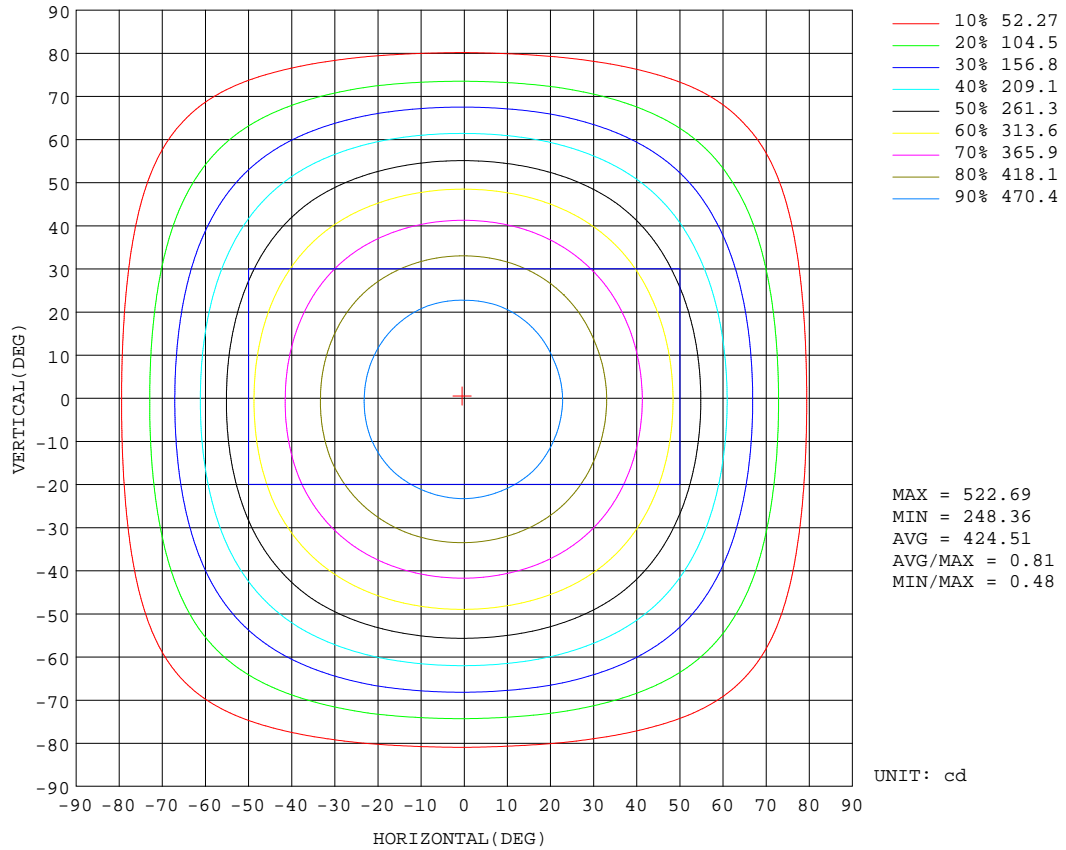
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	46	39	33
0.80	68	56	49	67	56	49	65	55	48	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	66	79	71	65	58
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	92	86	97	90	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	79
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	99	95	86
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:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A



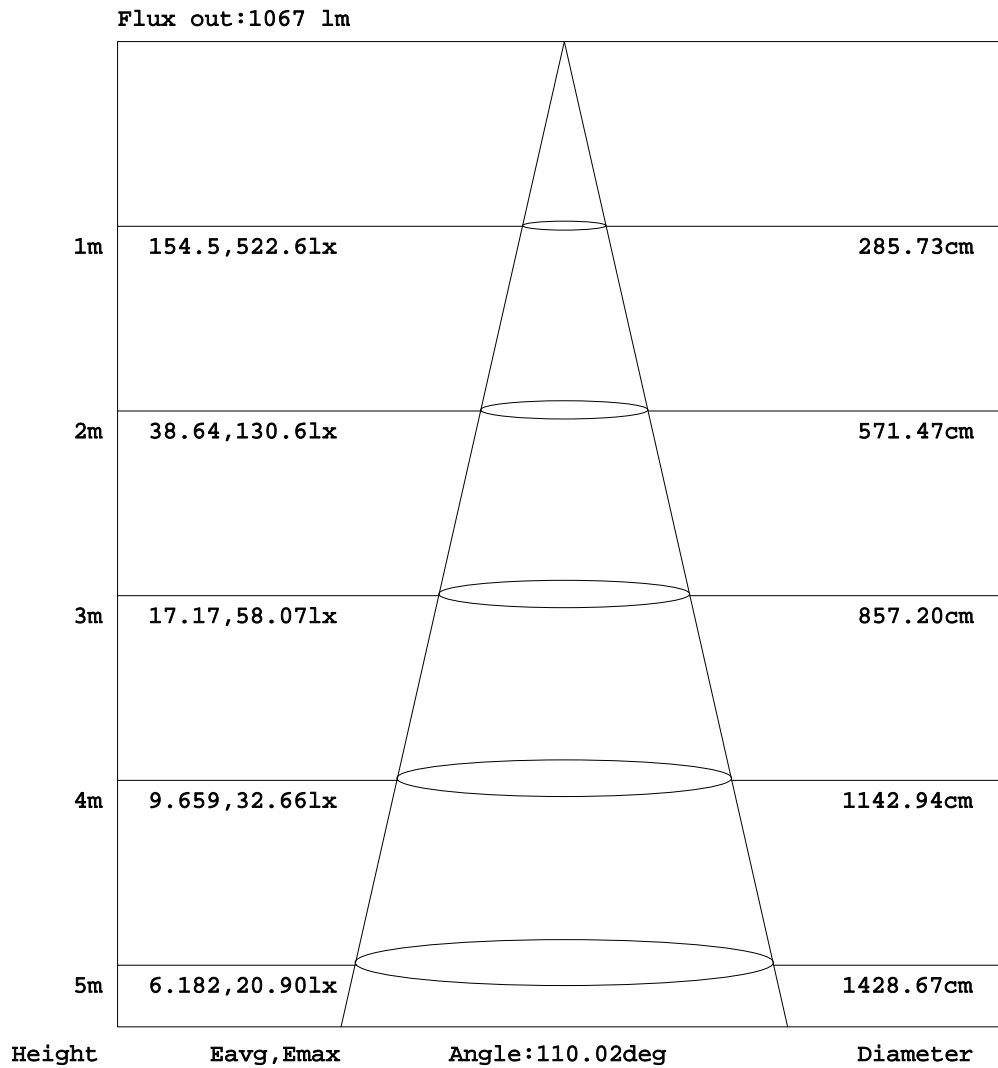
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A



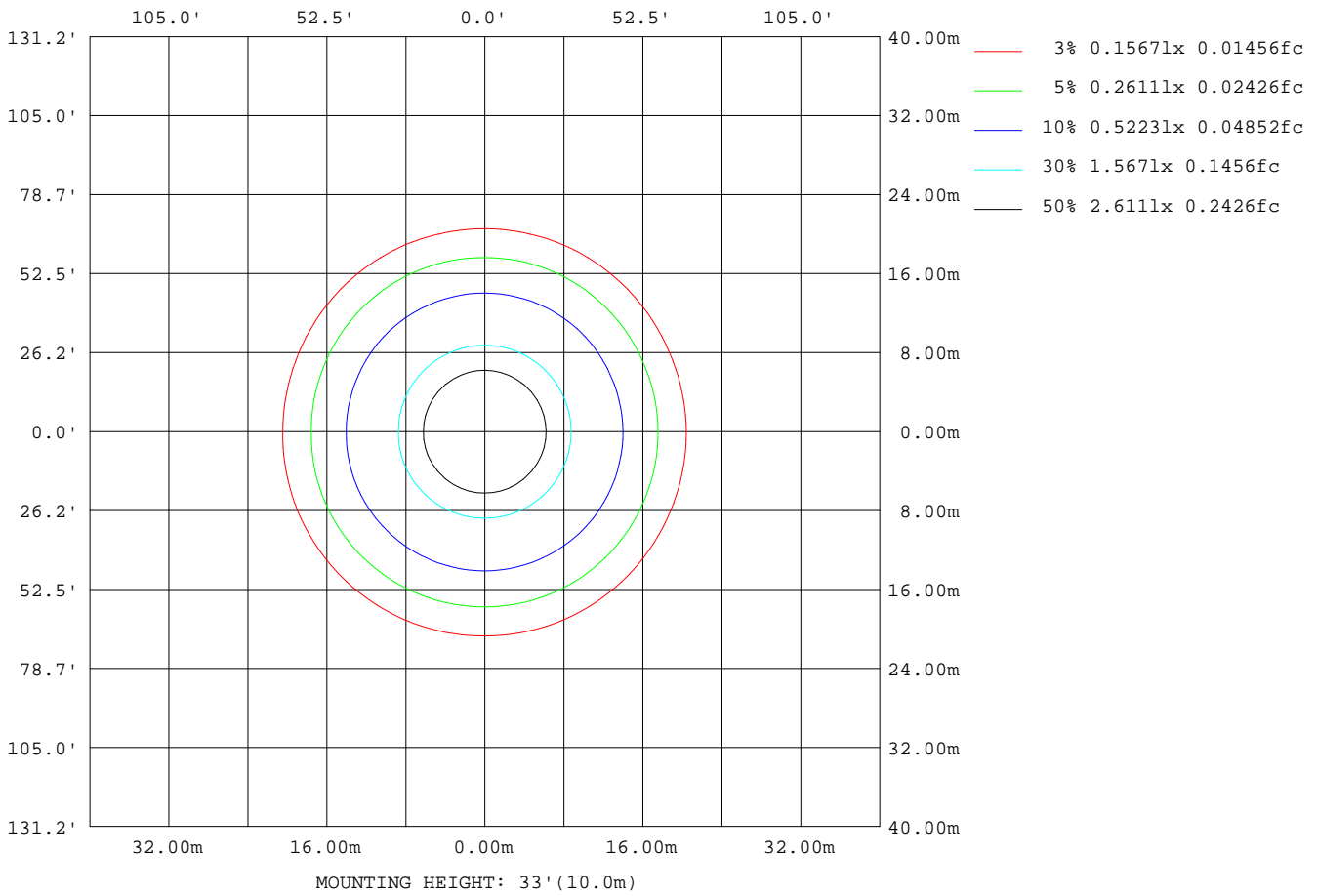
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: <b>ASD LIGHTING CORP</b>	SUR.:N/A	Shielding Angle:N/A

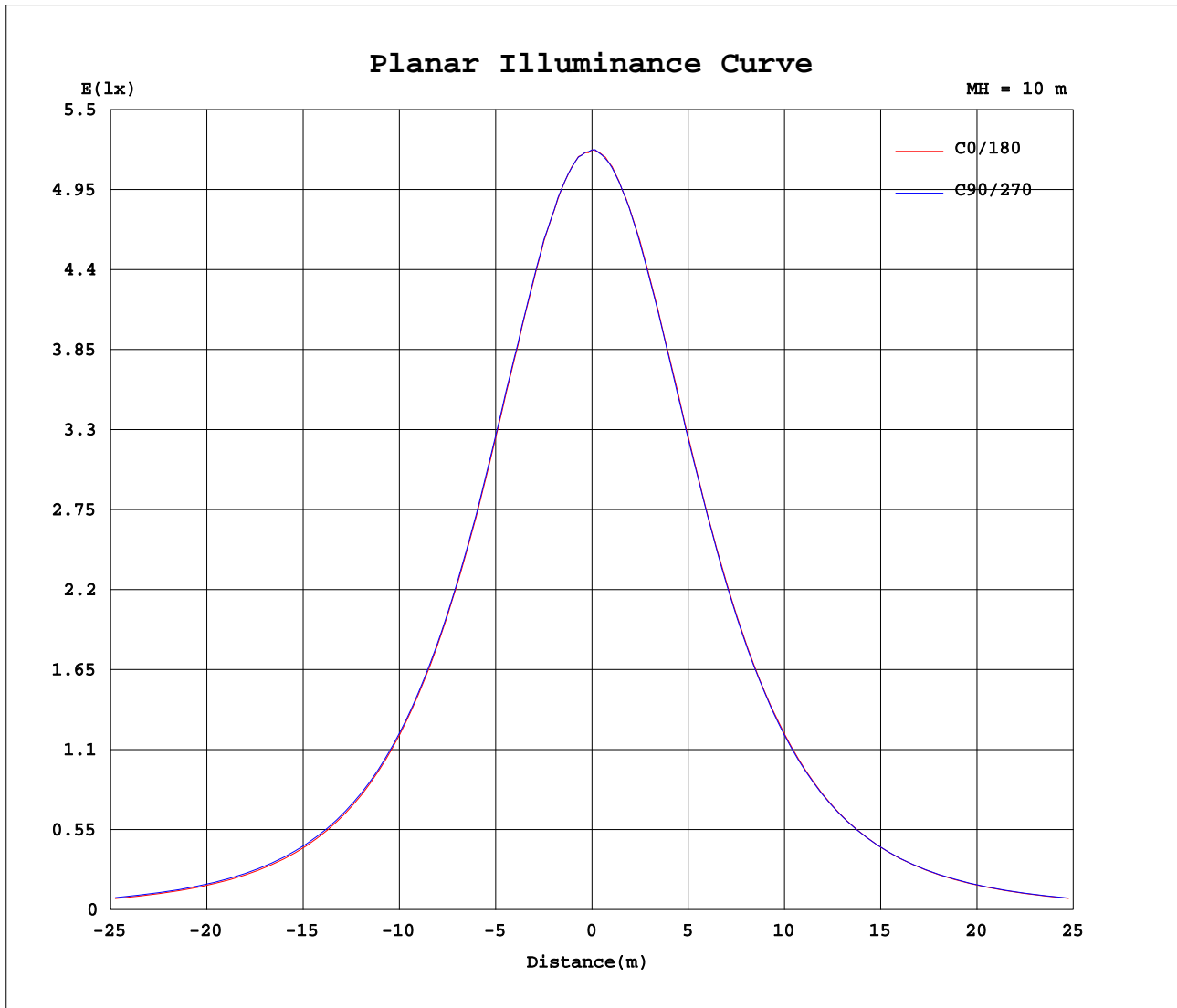
AvgL	cd/m2
L_0~180(65)av	3651
L_0~180(75)av	2974
L_0~180(85)av	1661
L_90~270(65)av	3791
L_90~270(75)av	3269
L_90~270(85)av	2303
L_45(65)av	3733
L_45(75)av	3113
L_45(85)av	1868

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.6DEG  
 Operators: Evan  
 Test Date: 2023-02-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity: 51%  
 Test Distance: 2.532m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1603A P:18.02W PF:0.9366 Lamp Flux:1452.88x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-9D18CC-BK 4000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

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	522	522	522	522	522	522	522	522	522	522	522	522	522	522	522	522			
5	520	520	520	520	520	520	520	520	519	520	520	519	519	519	519	519			
10	511	512	512	512	512	513	513	513	512	512	512	512	511	512	511	511			
15	499	500	500	500	500	500	501	501	500	500	500	499	499	499	499	498			
20	482	482	482	483	483	484	484	485	483	483	483	482	482	482	481	481			
25	460	461	461	462	463	463	464	464	462	462	462	461	460	460	459	459			
30	435	436	436	437	437	438	438	439	437	437	436	435	435	435	434	433			
35	406	407	407	408	409	410	410	410	408	408	407	407	406	406	405	405			
40	374	375	375	376	377	378	378	379	376	376	375	375	374	374	373	372			
45	339	340	341	342	343	343	344	344	342	341	341	340	339	338	338	337			
50	300	302	304	305	306	307	307	307	303	304	303	302	302	301	300	299			
55	260	261	264	266	267	267	268	266	262	263	264	263	262	261	261	258			
60	217	218	222	225	226	226	226	223	219	220	221	222	220	220	218	216			
65	173	175	179	183	184	184	182	179	175	175	178	179	178	177	174	171			
70	129	131	135	140	141	142	138	135	131	131	133	136	135	134	130	127			
75	86.6	88.4	92.4	97.0	98.9	99.0	94.9	91.7	87.2	87.1	89.4	92.1	92.1	90.7	87.1	84.1			
80	47.9	49.7	52.7	57.1	59.7	58.5	54.9	51.8	48.1	48.3	49.8	52.6	53.3	51.4	48.1	46.1			
85	16.0	16.9	19.2	22.5	25.2	23.5	20.8	18.8	16.7	16.4	17.3	19.1	20.1	18.5	16.2	15.1			
90	0.10	0.10	0.14	0.14	2.67	0.15	0.15	0.25	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
95	0.10	0.10	0.10	0.11	0.11	0.10	0.10	0.10	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04			
100	0.12	0.13	0.14	0.14	0.13	0.14	0.15	0.13	0.05	0.06	0.07	0.06	0.06	0.07	0.07	0.06			
105	0.14	0.14	0.15	0.15	0.14	0.15	0.15	0.14	0.07	0.07	0.08	0.08	0.07	0.08	0.08	0.07			
110	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.15	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09			
115	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.11	0.10	0.11	0.11	0.11	0.11	0.11	0.11			
120	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
125	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16			
130	0.28	0.28	0.28	0.29	0.29	0.30	0.29	0.28	0.19	0.19	0.19	0.19	0.18	0.19	0.19	0.19			
135	0.33	0.34	0.35	0.36	0.36	0.37	0.36	0.34	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.23			
140	0.43	0.44	0.46	0.46	0.46	0.46	0.45	0.42	0.25	0.24	0.25	0.25	0.25	0.25	0.25	0.25			
145	0.53	0.55	0.58	0.59	0.60	0.59	0.56	0.53	0.27	0.26	0.27	0.29	0.29	0.29	0.27	0.28			
150	0.61	0.65	0.67	0.68	0.69	0.69	0.66	0.63	0.29	0.29	0.30	0.30	0.31	0.31	0.30	0.31			
155	0.71	0.74	0.75	0.77	0.78	0.77	0.75	0.73	0.33	0.31	0.35	0.34	0.34	0.35	0.33	0.37			
160	0.79	0.80	0.80	0.82	0.81	0.82	0.81	0.79	0.39	0.38	0.39	0.37	0.38	0.38	0.37	0.41			
165	0.79	0.79	0.80	0.80	0.82	0.82	0.81	0.78	0.42	0.42	0.41	0.42	0.41	0.41	0.41	0.45			
170	0.75	0.74	0.75	0.74	0.76	0.75	0.76	0.76	0.48	0.48	0.45	0.45	0.44	0.44	0.45	0.47			
175	0.72	0.71	0.70	0.69	0.68	0.70	0.71	0.72	0.54	0.54	0.53	0.50	0.50	0.49	0.52	0.55			
180	0.62	0.59	0.57	0.58	0.58	0.58	0.63	0.64	0.63	0.63	0.61	0.59	0.58	0.58	0.60	0.63			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
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