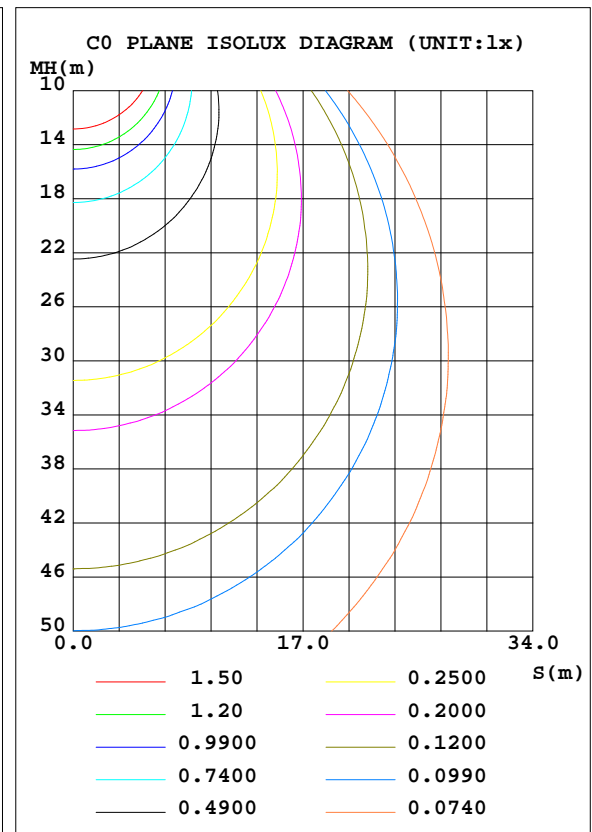
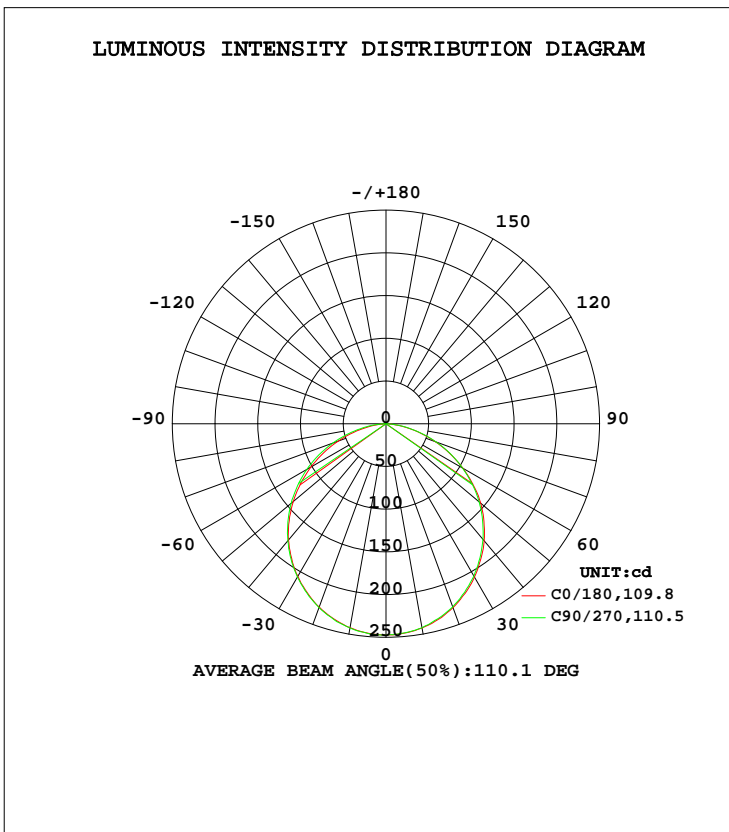


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	PSZ2S230215005-10	Imax(cd)	247.5	S/MH(C0/180)	1.25
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	683.89	$\eta$ UP, DN(C0-180)	0.1,50.4
NOMINAL FLUX(lm)	683.887	CIE CLASS	DIRECT	$\eta$ UP, DN(C180-360)	0.0,49.5
LAMPS INSIDE	1	$\eta$ up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	$\eta$ 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:2023-02-21

$\gamma$  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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	242.4	242.4	242.8	243.1	242.7	242.5	242.6	242.2	0- 10	23.38	23.38	3.42,3.42
20	228.3	228.5	229.0	229.5	229.0	228.5	228.2	227.8	10- 20	66.75	90.12	13.2,13.2
30	206.3	206.5	207.2	207.8	207.1	206.5	205.9	205.3	20- 30	100.6	190.8	27.9,27.9
40	177.6	178.1	178.8	179.4	178.8	177.8	176.7	175.9	30- 40	120.6	311.4	45.5,45.5
50	141.8	143.7	144.9	145.6	144.9	143.5	142.3	141.3	40- 50	124.3	435.7	63.7,63.7
60	101.4	104.6	106.9	107.5	103.8	104.2	103.3	101.0	50- 60	110.9	546.6	79.9,79.9
70	59.73	62.91	66.36	65.78	61.42	61.95	62.46	59.33	60- 70	82.52	629.2	92,92
80	21.06	23.35	26.85	25.07	22.24	22.11	23.61	20.53	70- 80	44.60	673.8	98.5,98.5
90	0.0434	0.0541	0.0436	0.1177	0.0317	0.0072	0.0070	0.0086	80- 90	9.460	683.2	99.9,99.9
100	0.0518	0.0606	0.0578	0.0586	0.0131	0.0184	0.0175	0.0215	90-100	0.0337	683.3	99.9,99.9
110	0.0678	0.0758	0.0677	0.0733	0.0325	0.0403	0.0347	0.0430	100-110	0.0513	683.3	99.9,99.9
120	0.0828	0.0895	0.0860	0.0870	0.0499	0.0561	0.0541	0.0578	110-120	0.0616	683.4	99.9,99.9
130	0.1244	0.1312	0.1317	0.1282	0.0807	0.0883	0.0825	0.0879	120-130	0.0789	683.4	99.9,99.9
140	0.2005	0.2136	0.2119	0.2066	0.1071	0.1170	0.1182	0.1167	130-140	0.1011	683.5	99.9,99.9
150	0.2853	0.3079	0.3194	0.3011	0.1303	0.1326	0.1479	0.1351	140-150	0.1209	683.7	100,100
160	0.3636	0.3763	0.3779	0.3748	0.1777	0.1804	0.1718	0.1714	150-160	0.1151	683.8	100,100
170	0.3412	0.3467	0.3540	0.3509	0.2162	0.2074	0.2014	0.2099	160-170	0.0796	683.9	100,100
180	0.2851	0.2662	0.2655	0.2875	0.2874	0.2774	0.2627	0.2713	170-180	0.0265	683.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 374.17 lm

%lum = 54.7%  
%lamp = 54.7%

Conical surface Flux(120deg): 546.63 lm

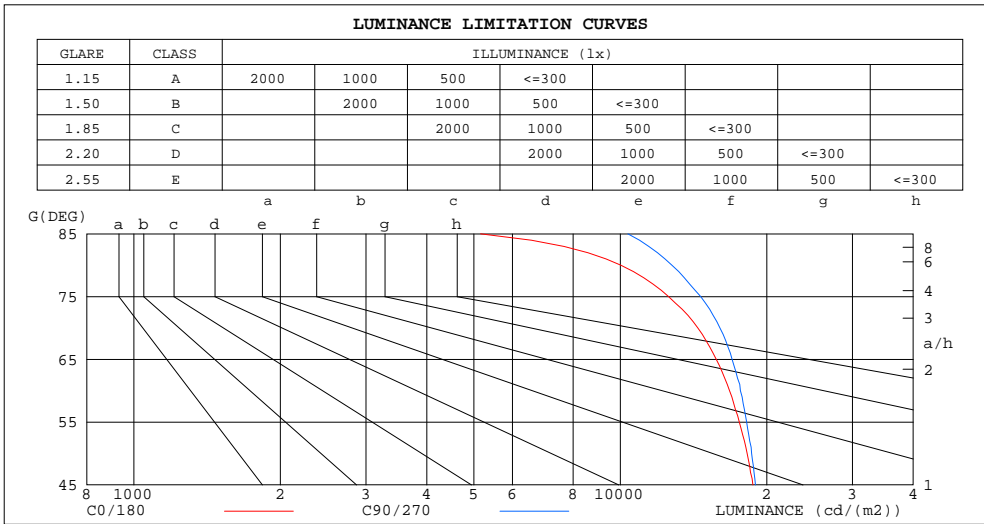
%lum = 79.9%  
%lamp = 79.9%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:24.6DEG  
Operators:Evan  
Test Date:2023-02-21

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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	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	5163	10365
80	10023	12768
75	12567	14627
70	14436	16022
65	15747	16969
60	16769	17648
55	17567	18181
50	18230	18612
45	18725	18960

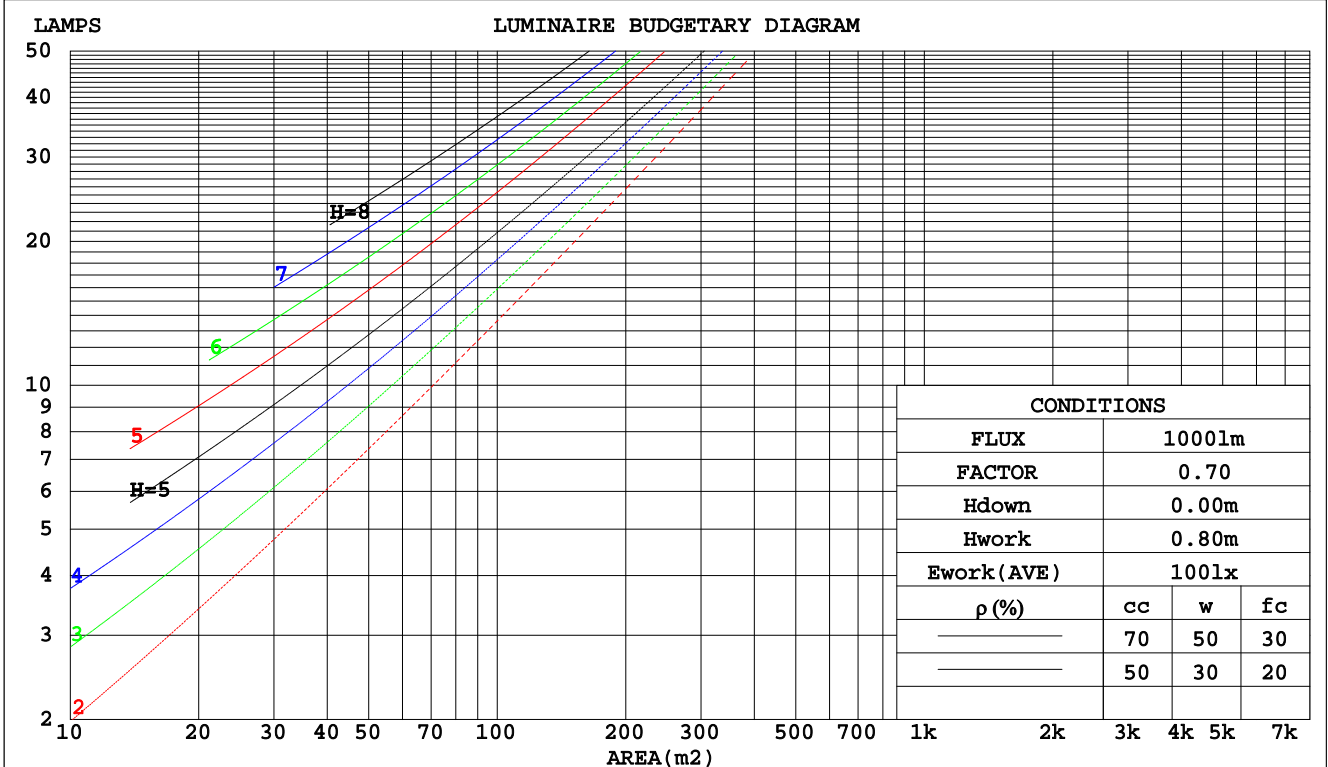
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-21

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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	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	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.80	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.64	.73	.67	.63	.70	.65	.61	.59
4.0	.71	.62	.55	.70	.61	.55	.67	.60	.54	.65	.58	.54	.62	.57	.53	.51
5.0	.63	.54	.48	.62	.54	.47	.60	.53	.47	.58	.52	.46	.56	.50	.46	.44
6.0	.57	.48	.42	.56	.48	.41	.54	.47	.41	.53	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.37	.31	.26	.25



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-21

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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	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	.301	.171	.054	.294	.168	.053	.281	.161	.051	.269	.155	.050	.257	.149	.048	
2.0	.286	.157	.048	.280	.154	.047	.268	.149	.046	.257	.144	.045	.247	.140	.044	
3.0	.266	.142	.042	.261	.140	.042	.250	.136	.041	.241	.132	.040	.232	.128	.040	
4.0	.246	.128	.038	.241	.126	.037	.232	.123	.037	.224	.120	.036	.216	.117	.036	
5.0	.228	.116	.034	.224	.115	.033	.216	.112	.033	.208	.110	.033	.201	.107	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.197	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.176	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.160	.077	.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	.180	.157	.136	.154	.135	.117	.106	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.172	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.115	.076	.141	.099	.066	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.060	.135	.088	.052	.093	.061	.036	.054	.036	.022	.017	.012	.007	
5.0	.150	.091	.048	.128	.079	.042	.088	.055	.030	.051	.032	.018	.017	.011	.006	
6.0	.142	.083	.040	.122	.072	.035	.084	.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	.014	.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:2023-02-21

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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm										
NAME: LED luminaire					TYPE:N/A			WEIGHT:N/A		
SPEC.:ASD-MPS-5D10CC-BK 5000K					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	22.8	24.3	23.1	24.5	24.7	23.0	24.5	23.3	24.7	24.9
3H	24.2	25.6	24.5	25.8	26.0	24.5	25.9	24.8	26.1	26.4
4H	24.7	26.0	25.0	26.2	26.5	25.1	26.4	25.4	26.7	26.9
6H	24.9	26.2	25.3	26.5	26.7	25.5	26.7	25.8	27.0	27.3
8H	25.0	26.2	25.3	26.5	26.8	25.6	26.8	25.9	27.1	27.4
12H	25.0	26.2	25.4	26.5	26.8	25.7	26.8	26.0	27.1	27.4
4H 2H	23.4	24.7	23.7	25.0	25.2	23.6	24.9	23.9	25.1	25.4
3H	25.0	26.1	25.3	26.4	26.7	25.3	26.4	25.6	26.7	27.0
4H	25.6	26.6	25.9	26.9	27.3	26.0	27.0	26.3	27.3	27.7
6H	25.9	26.9	26.3	27.2	27.6	26.5	27.4	26.9	27.8	28.1
8H	26.0	26.9	26.5	27.3	27.7	26.6	27.5	27.0	27.9	28.3
12H	26.1	26.9	26.5	27.3	27.7	26.7	27.5	27.2	27.9	28.3
8H 4H	25.8	26.7	26.2	27.0	27.4	26.2	27.0	26.6	27.4	27.8
6H	26.3	27.0	26.8	27.4	27.9	26.8	27.5	27.2	27.9	28.4
8H	26.5	27.1	26.9	27.5	28.0	27.0	27.7	27.5	28.1	28.5
12H	26.5	27.1	27.0	27.5	28.0	27.2	27.7	27.7	28.2	28.7
12H 4H	25.8	26.6	26.2	27.0	27.4	26.2	27.0	26.6	27.3	27.8
6H	26.4	27.0	26.8	27.4	27.9	26.8	27.5	27.3	27.9	28.3
8H	26.5	27.1	27.0	27.5	28.0	27.1	27.6	27.6	28.1	28.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 683.9 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:2023-02-21

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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

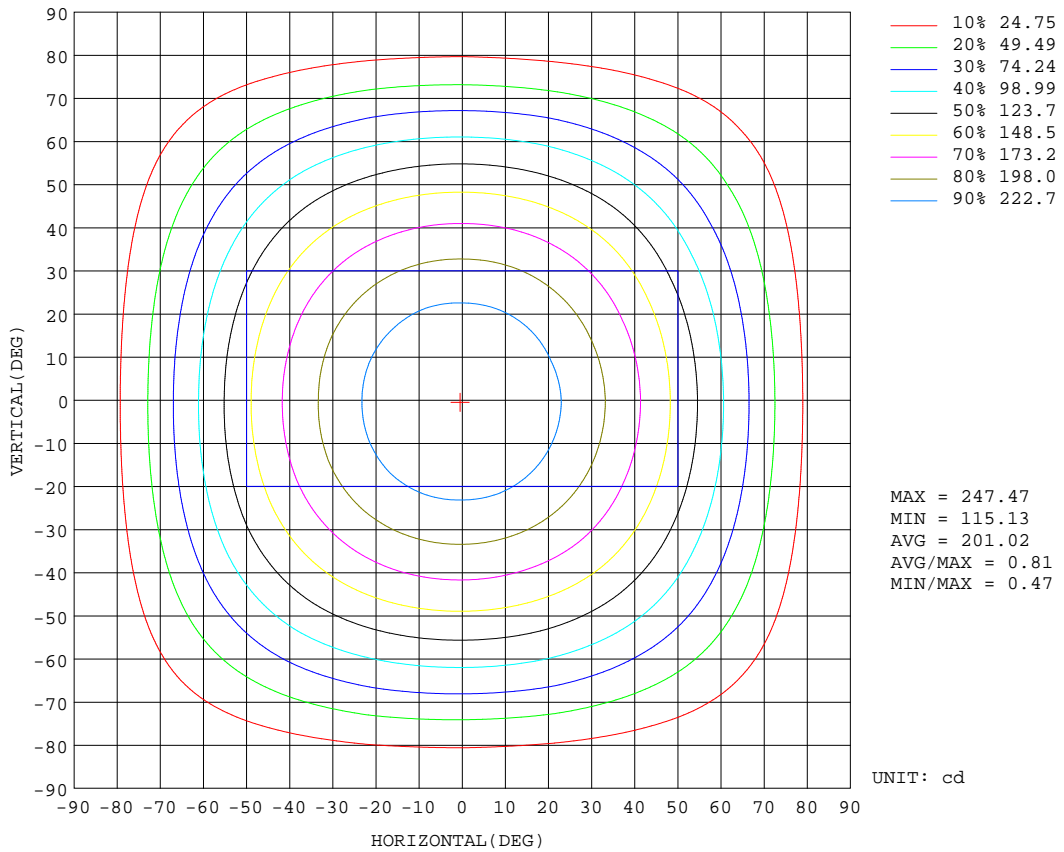
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	40	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	58	75	65	58	73	66	58	50
1.25	84	73	66	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	76	70	63
2.00	95	87	81	94	86	80	90	84	78	71
2.50	99	92	86	97	90	85	93	88	83	75
3.00	103	96	91	100	94	89	96	91	87	79
4.00	107	101	96	104	99	95	100	96	92	84
5.00	109	104	100	107	102	99	102	99	96	87
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:2023-02-21

$\gamma$  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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A



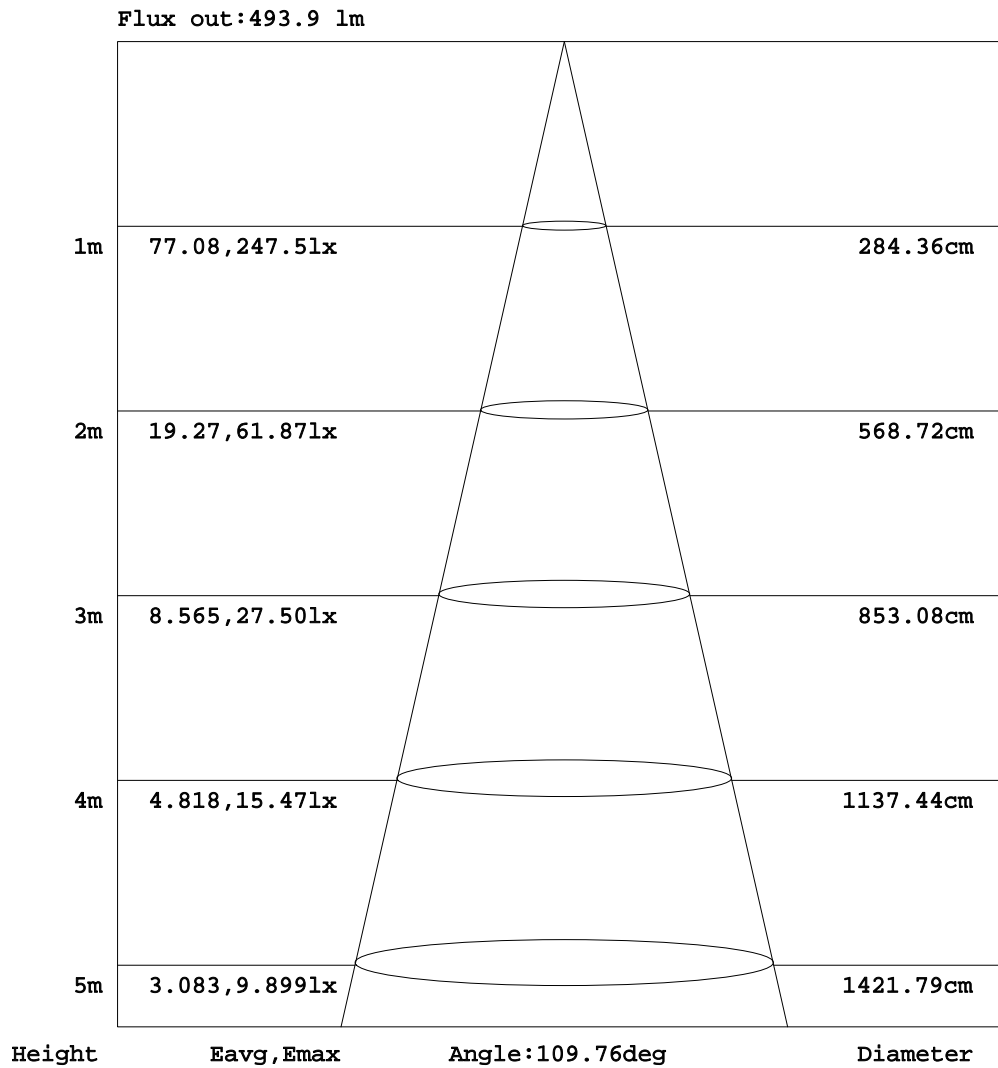
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-21

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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: <b>ASD LIGHTING CORP</b>	SUR.:N/A	Shielding Angle:N/A



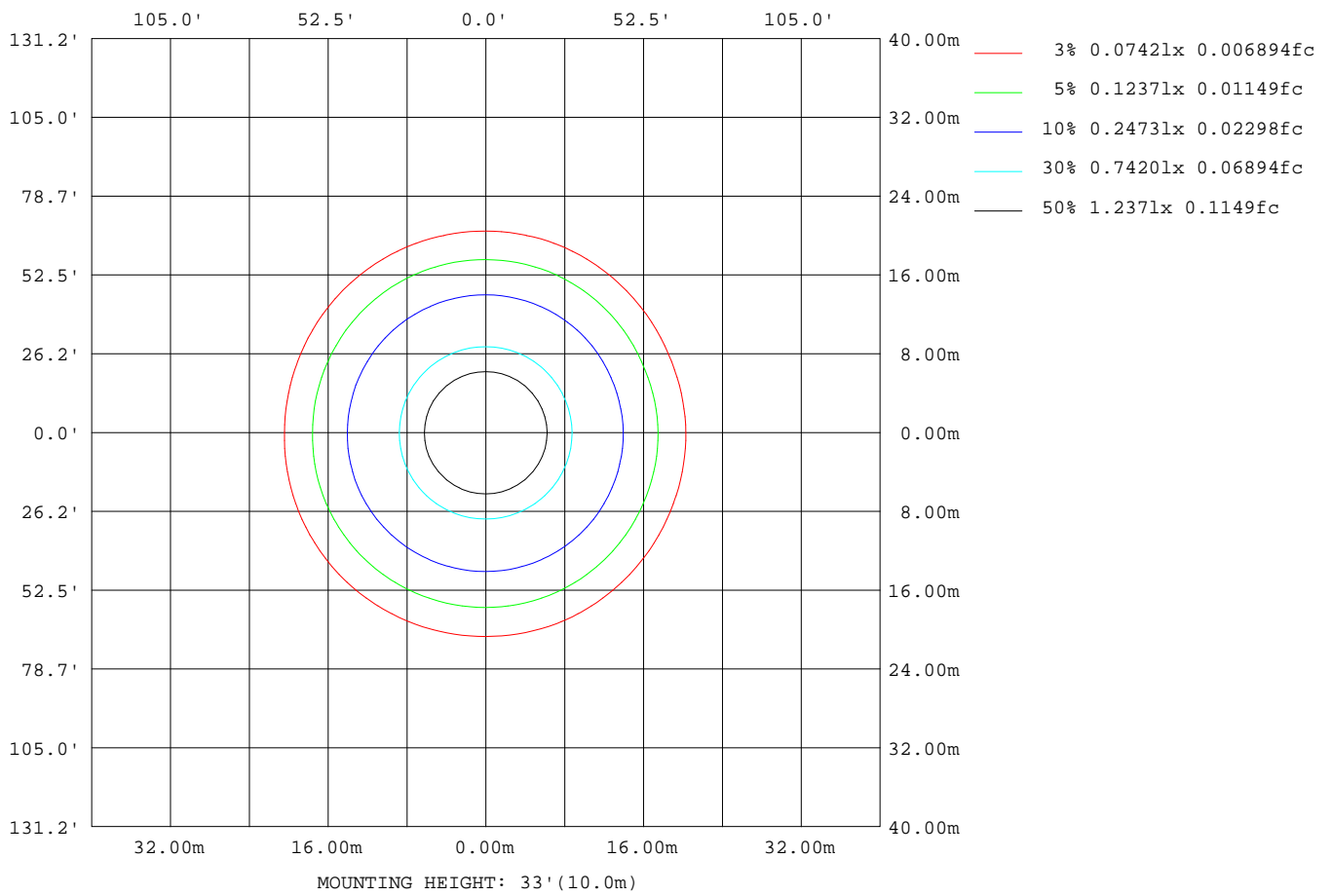
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-21

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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	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:2023-02-21

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:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

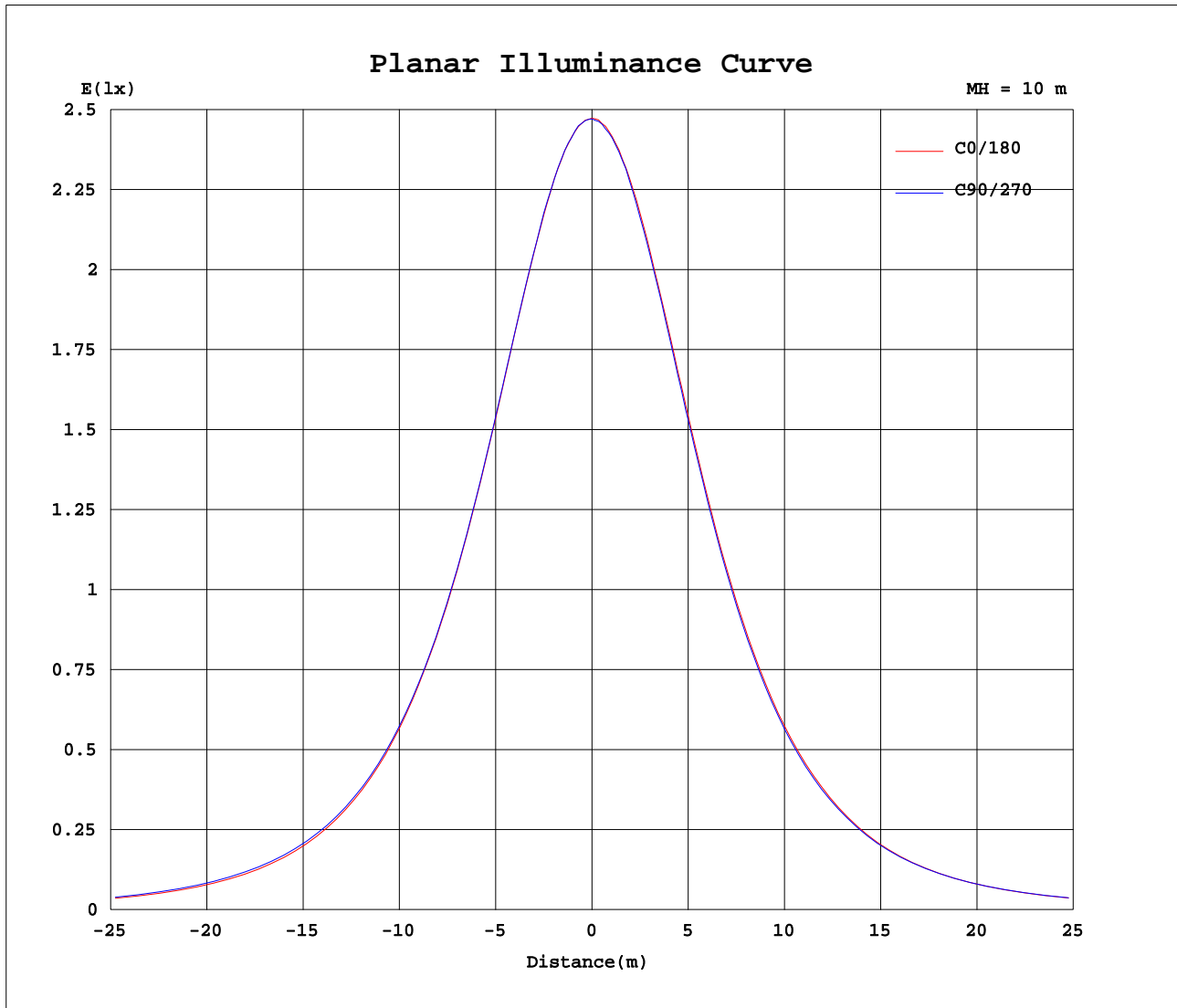
AvgL	cd/m2
L_0~180(65)av	15946
L_0~180(75)av	12826
L_0~180(85)av	5500
L_90~270(65)av	16614
L_90~270(75)av	14042
L_90~270(85)av	9036
L_45(65)av	16343
L_45(75)av	13345
L_45(85)av	6628

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-21

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: 2023-02-21

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.0941A P:10.53W PF:0.9321 Lamp Flux:683.887x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-5D10CC-BK 5000K	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	247	247	247	247	247	247	247	247	247	247	247	247	247	247	247	247			
5	246	246	246	246	246	246	246	247	246	246	246	246	246	246	246	246			
10	242	242	242	243	243	243	243	243	243	243	242	242	243	242	242	242			
15	236	237	237	237	237	237	237	238	237	237	236	236	236	236	236	236			
20	228	228	228	229	229	229	230	230	229	229	228	228	228	228	228	228			
25	218	218	218	219	219	219	220	220	219	219	218	218	218	218	217	218			
30	206	206	207	207	207	208	208	208	207	207	207	206	206	205	205	205			
35	193	193	193	193	194	194	194	195	194	194	193	193	192	192	191	192			
40	178	178	178	178	179	179	179	180	179	178	178	177	177	176	176	176			
45	160	161	161	162	162	163	163	163	162	162	161	160	160	160	159	159			
50	142	143	144	144	145	145	146	146	145	144	143	143	142	142	141	140			
55	122	123	125	126	126	127	127	127	125	124	124	123	123	122	121	120			
60	101	102	105	106	107	107	107	107	104	104	104	104	103	103	101	99.4			
65	80.5	81.6	83.8	86.5	86.8	87.3	87.1	85.4	82.6	82.4	83.2	83.6	83.1	82.6	80.1	78.8			
70	59.7	60.7	62.9	65.9	66.4	67.1	65.8	64.0	61.4	61.1	61.9	63.1	62.5	61.6	59.3	57.9			
75	39.4	40.4	42.2	44.9	45.8	46.4	44.7	43.0	41.0	40.7	41.2	42.4	42.1	41.0	39.0	38.1			
80	21.1	22.0	23.3	25.5	26.8	26.7	25.1	24.0	22.2	22.0	22.1	23.1	23.6	22.1	20.5	20.0			
85	5.44	6.18	7.55	9.40	10.9	10.2	8.70	7.63	6.16	5.95	6.33	7.23	8.12	6.71	5.39	4.66			
90	0.04	0.05	0.05	0.04	0.04	0.05	0.12	0.18	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
95	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
100	0.05	0.05	0.06	0.07	0.06	0.07	0.06	0.05	0.01	0.01	0.02	0.03	0.02	0.03	0.02	0.02			
105	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.02	0.03	0.04	0.03	0.02	0.03	0.04	0.03			
110	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.03	0.03	0.04	0.04	0.03	0.04	0.04	0.04			
115	0.08	0.08	0.08	0.08	0.07	0.08	0.08	0.08	0.04	0.04	0.05	0.05	0.04	0.05	0.05	0.05			
120	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.05	0.06	0.06	0.06	0.05	0.05	0.06	0.06			
125	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.10	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.07			
130	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.08	0.08	0.09	0.09	0.08	0.09	0.09	0.09			
135	0.15	0.16	0.16	0.16	0.17	0.16	0.16	0.15	0.09	0.09	0.10	0.11	0.10	0.10	0.10	0.10			
140	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.20	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.11			
145	0.25	0.26	0.27	0.27	0.28	0.27	0.26	0.25	0.12	0.12	0.12	0.14	0.14	0.13	0.13	0.13			
150	0.29	0.30	0.31	0.32	0.32	0.32	0.30	0.29	0.13	0.13	0.13	0.14	0.15	0.14	0.14	0.14			
155	0.32	0.34	0.35	0.35	0.36	0.35	0.35	0.34	0.15	0.15	0.16	0.15	0.16	0.16	0.15	0.17			
160	0.36	0.37	0.38	0.39	0.38	0.38	0.37	0.37	0.18	0.17	0.18	0.17	0.17	0.17	0.17	0.19			
165	0.37	0.37	0.37	0.38	0.39	0.38	0.38	0.36	0.19	0.19	0.18	0.19	0.19	0.19	0.19	0.21			
170	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.35	0.22	0.21	0.21	0.20	0.20	0.21	0.21	0.22			
175	0.33	0.32	0.32	0.31	0.31	0.31	0.32	0.33	0.25	0.25	0.24	0.23	0.23	0.23	0.24	0.25			
180	0.29	0.28	0.27	0.26	0.27	0.27	0.29	0.30	0.29	0.29	0.28	0.27	0.26	0.26	0.27	0.29			

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