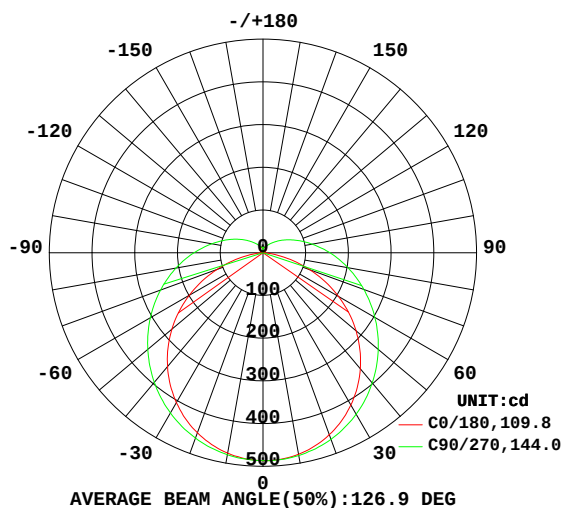


LUMINAIRE PHOTOMETRIC TEST REPORT

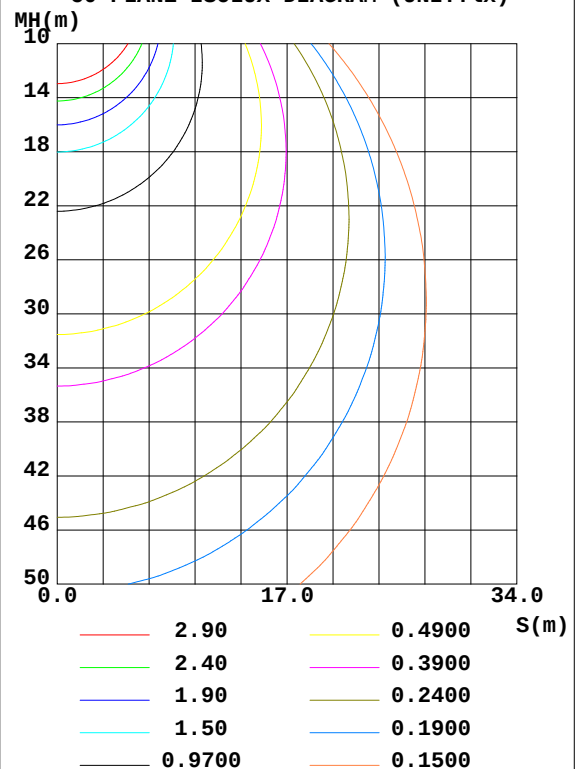
Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: ASD-LVF-LF-24D25AC-BK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.45 lm/W			
MODEL	ASD-LVF-LF-24D25AC-BK	I _{max} (cd)	487.1	S/MH(C0/180)	1.26
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1915.6	η UP, DN(C0-180)	6.4, 43.9
NOMINAL FLUX(lm)	1915.64	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	6.2, 43.5
LAMPS INSIDE	1	η up(%)	12.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	87.4	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2022-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:42%
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	476.3	477.7	480.1	480.1	479.0	481.0	482.0	478.5	0- 10	46.11	46.11	2.41, 2.41
20	448.6	454.1	461.8	459.3	453.3	460.3	465.0	455.3	10- 20	132.7	178.8	9.34, 9.34
30	405.3	418.3	433.1	424.7	411.7	425.9	436.2	418.4	20- 30	203.4	382.3	20, 20
40	347.8	371.2	395.9	378.7	354.5	379.1	397.8	369.8	30- 40	250.0	632.3	33, 33
50	278.2	317.1	352.1	324.6	284.6	322.9	352.3	313.4	40- 50	268.1	900.4	47, 47
60	199.3	258.3	304.4	265.0	204.0	262.6	302.3	252.4	50- 60	257.4	1158	60.4, 60.4
70	115.1	199.9	255.0	205.3	116.7	202.0	251.4	192.3	60- 70	222.4	1380	72, 72
80	36.89	146.5	206.7	150.4	36.84	147.1	202.0	138.1	70- 80	172.2	1552	81, 81
90	0.1333	102.0	161.4	104.3	0.1085	101.1	156.7	94.34	80- 90	121.3	1674	87.4, 87.4
100	0.8260	68.98	121.8	70.05	0.8609	68.27	116.8	63.23	90-100	83.22	1757	91.7, 91.7
110	3.230	46.39	89.09	46.92	3.380	46.32	85.31	42.83	100-110	56.75	1814	94.7, 94.7
120	6.019	32.16	63.20	32.67	6.217	32.23	60.47	29.94	110-120	38.13	1852	96.7, 96.7
130	8.748	23.26	43.45	23.49	8.989	23.42	41.84	22.10	120-130	25.18	1877	98, 98
140	11.08	17.84	29.70	18.01	11.36	17.78	28.79	17.59	130-140	16.44	1893	98.8, 98.8
150	13.22	14.63	20.68	14.79	12.98	13.91	20.00	15.29	140-150	10.63	1904	99.4, 99.4
160	14.52	12.93	15.20	12.97	14.15	13.08	14.60	13.63	150-160	6.756	1911	99.7, 99.7
170	11.02	13.37	13.43	11.94	11.53	11.56	13.57	14.01	160-170	3.784	1915	99.9, 99.9
180	11.15	9.950	4.696	9.627	10.82	10.31	7.673	7.894	170-180	1.093	1916	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 765.9 lm

%lum = 40.0%

%lamp = 40.0%

Conical surface Flux(120deg): 1157.8 lm

%lum = 60.4%

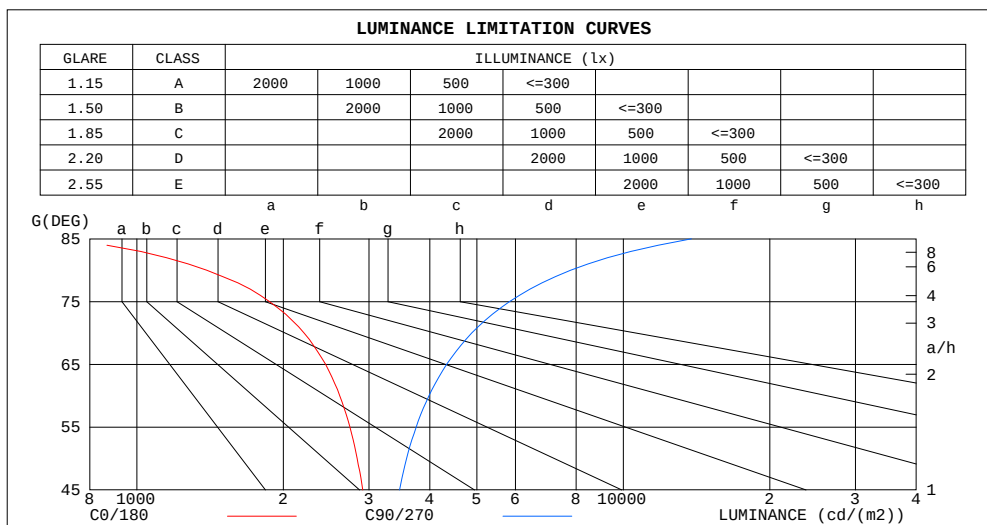
%lamp = 60.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Evan
 Test Date: 2022-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A



LUMINANCE $\text{cd}/(\text{m}^2)$		
G(DEG)	C0/180	C90/270
85	711	13803
80	1392	7792
75	1873	5833
70	2206	4879
65	2444	4334
60	2612	3985
55	2741	3751
50	2836	3585
45	2913	3468

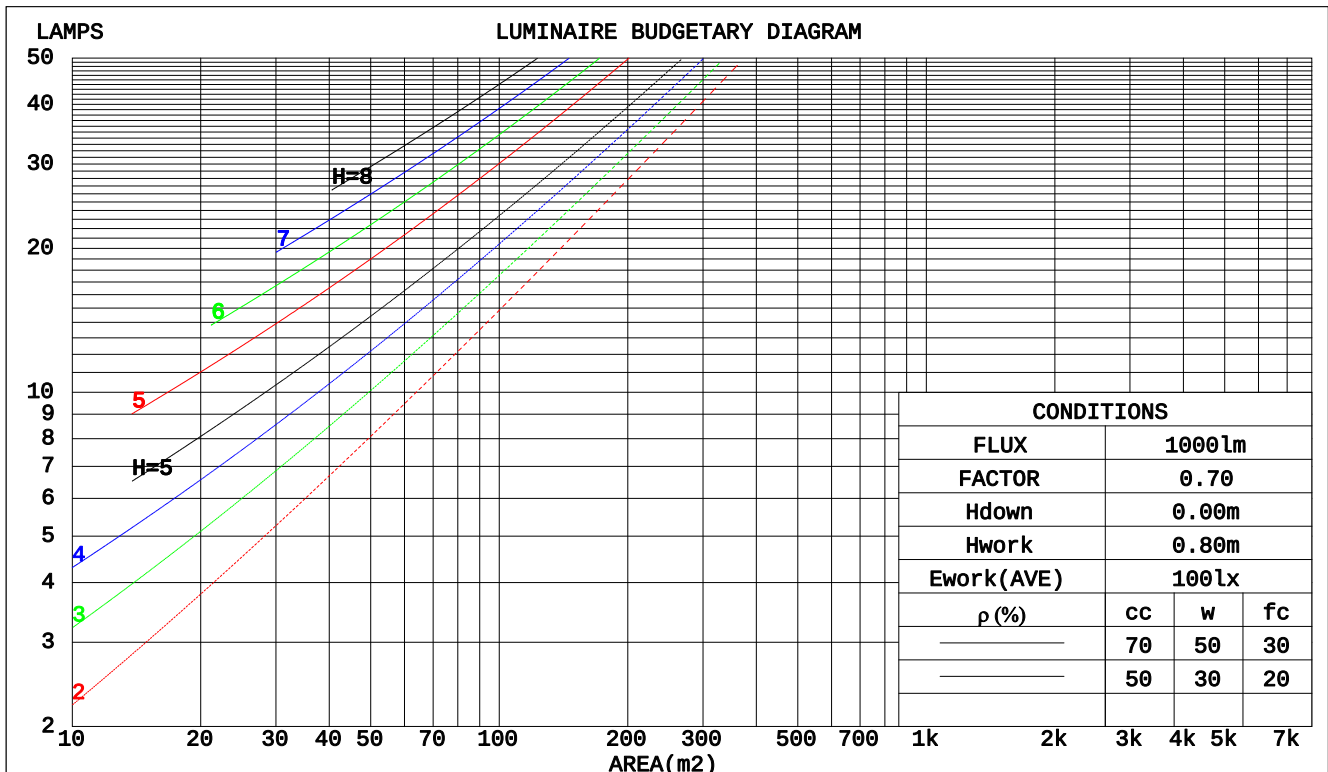
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2022-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.532m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A

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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1.0	.98	.93	.88	.94	.90	.85	.88	.84	.80	.81	.78	.76	.76	.73	.71	.68
2.0	.84	.76	.70	.81	.74	.68	.75	.70	.65	.70	.65	.61	.65	.61	.58	.55
3.0	.73	.64	.57	.70	.62	.56	.66	.59	.53	.61	.55	.51	.57	.52	.48	.45
4.0	.64	.55	.48	.62	.53	.47	.58	.51	.45	.54	.48	.43	.50	.45	.41	.38
5.0	.57	.48	.41	.55	.47	.40	.52	.44	.38	.48	.42	.37	.45	.40	.35	.33
6.0	.51	.42	.35	.50	.41	.35	.47	.39	.33	.44	.37	.32	.41	.35	.31	.28
7.0	.46	.37	.31	.45	.36	.30	.42	.35	.29	.40	.33	.28	.37	.32	.27	.25
8.0	.42	.33	.27	.41	.33	.27	.39	.31	.26	.36	.30	.25	.34	.28	.24	.22
9.0	.39	.30	.25	.37	.30	.24	.35	.28	.23	.33	.27	.23	.32	.26	.22	.20
10.0	.35	.27	.22	.35	.27	.22	.33	.26	.21	.31	.25	.20	.29	.24	.20	.18



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Evan
 Test Date: 2022-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm									
NAME: LED luminaires					TYPE:N/A			WEIGHT:N/A	
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A	
MFR.: Rising-Sun					SUR.:N/A			Shielding Angle:N/A	

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	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.369	.210	.067	.358	.204	.065	.337	.194	.062	.318	.184	.059	.301	.174	.056	
2.0	.325	.178	.055	.315	.173	.053	.296	.165	.051	.279	.156	.049	.263	.149	.047	
3.0	.291	.155	.046	.282	.151	.045	.265	.144	.044	.249	.137	.042	.235	.130	.040	
4.0	.263	.137	.040	.255	.133	.039	.240	.127	.038	.226	.121	.037	.213	.116	.035	
5.0	.240	.122	.035	.233	.119	.035	.219	.114	.034	.206	.109	.032	.194	.104	.031	
6.0	.220	.110	.032	.214	.108	.031	.201	.103	.030	.190	.099	.029	.179	.094	.028	
7.0	.204	.101	.029	.198	.099	.028	.186	.094	.027	.176	.090	.026	.166	.086	.025	
8.0	.189	.092	.026	.184	.090	.026	.173	.087	.025	.164	.083	.024	.155	.079	.023	
9.0	.177	.085	.024	.172	.084	.023	.162	.080	.023	.153	.077	.022	.145	.073	.021	
10.0	.165	.079	.022	.161	.078	.022	.152	.075	.021	.144	.071	.020	.136	.068	.020	

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	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.287	.287	.287	.245	.245	.245	.167	.167	.167	.096	.096	.096	.031	.031	.031	
1.0	.281	.253	.227	.241	.217	.195	.165	.149	.135	.095	.086	.078	.030	.028	.025	
2.0	.274	.229	.192	.235	.198	.166	.161	.137	.116	.093	.079	.068	.030	.026	.022	
3.0	.267	.213	.170	.229	.183	.147	.157	.127	.103	.091	.074	.061	.029	.024	.020	
4.0	.259	.200	.155	.222	.173	.135	.153	.120	.095	.088	.071	.056	.028	.023	.018	
5.0	.251	.190	.145	.216	.164	.126	.149	.115	.089	.086	.067	.053	.028	.022	.017	
6.0	.244	.182	.137	.210	.158	.120	.145	.110	.085	.084	.065	.050	.027	.021	.017	
7.0	.237	.175	.132	.204	.152	.115	.141	.106	.082	.082	.063	.049	.026	.021	.016	
8.0	.230	.170	.128	.198	.147	.112	.137	.103	.079	.080	.061	.047	.026	.020	.016	
9.0	.224	.165	.125	.193	.143	.109	.134	.101	.077	.078	.059	.046	.025	.019	.015	
10.0	.218	.161	.122	.188	.139	.107	.130	.098	.076	.076	.058	.045	.025	.019	.015	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2022-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.532m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm											
NAME: LED luminaires						TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A						DIM.: N/A			SERIAL No.:N/A		
MFR.: Rising-Sun						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		15.3	16.7	15.7	17.1	17.6	17.0	18.4	17.4	18.8	19.3
	3H	16.7	18.0	17.2	18.5	19.0	19.4	20.8	19.9	21.2	21.7
	4H	17.2	18.5	17.7	18.9	19.5	20.8	22.0	21.3	22.5	23.0
	6H	17.5	18.7	18.0	19.2	19.7	22.3	23.5	22.8	23.9	24.5
	8H	17.6	18.7	18.1	19.2	19.8	23.1	24.2	23.6	24.7	25.3
	12H	17.6	18.7	18.1	19.2	19.8	24.0	25.1	24.6	25.7	26.2
4H	2H	16.3	17.5	16.8	18.0	18.5	17.5	18.8	18.0	19.2	19.8
	3H	17.9	19.0	18.5	19.6	20.1	20.2	21.3	20.8	21.9	22.4
	4H	18.6	19.6	19.2	20.2	20.8	21.8	22.8	22.3	23.3	23.9
	6H	19.1	20.0	19.7	20.6	21.2	23.5	24.4	24.1	25.0	25.6
	8H	19.3	20.1	19.9	20.7	21.4	24.4	25.3	25.0	25.9	26.5
	12H	19.3	20.1	20.0	20.7	21.4	25.5	26.3	26.1	26.9	27.6
8H	4H	19.5	20.4	20.1	21.0	21.6	22.1	22.9	22.7	23.5	24.2
	6H	20.4	21.1	21.0	21.7	22.4	24.1	24.8	24.7	25.4	26.1
	8H	20.7	21.4	21.4	22.0	22.7	25.3	25.9	25.9	26.5	27.2
	12H	21.0	21.5	21.6	22.2	22.9	26.6	27.2	27.3	27.8	28.6
12H	4H	19.8	20.6	20.4	21.2	21.9	22.1	22.9	22.7	23.5	24.2
	6H	20.9	21.5	21.5	22.2	22.9	24.2	24.8	24.9	25.5	26.2
	8H	21.4	22.0	22.1	22.6	23.4	25.5	26.0	26.1	26.7	27.4
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	+ 0.2 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 1916 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2022-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.532m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A

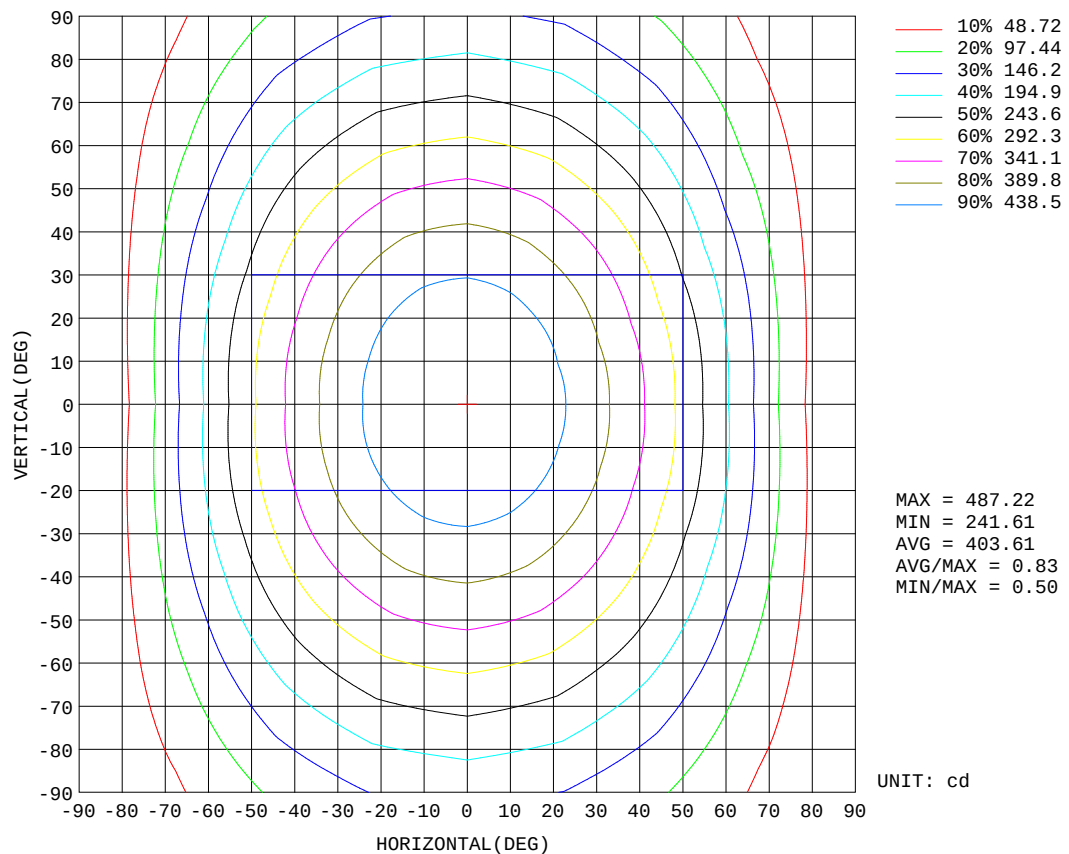
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	31	49	38	31	48	37	30	24
0.80	60	47	39	58	47	39	56	45	38	31
1.00	68	55	47	66	54	47	63	55	46	37
1.25	75	63	54	73	61	54	69	59	52	43
1.50	80	68	60	77	67	59	73	64	57	48
2.00	87	76	69	84	75	67	79	71	65	54
2.50	91	82	74	88	79	73	83	75	70	58
3.00	95	86	79	92	84	77	86	79	74	62
4.00	99	92	86	96	89	84	90	84	80	67
5.00	102	96	90	99	93	88	92	87	83	70
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:25.1DEG
Operators:Evan
Test Date:2022-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.532m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A

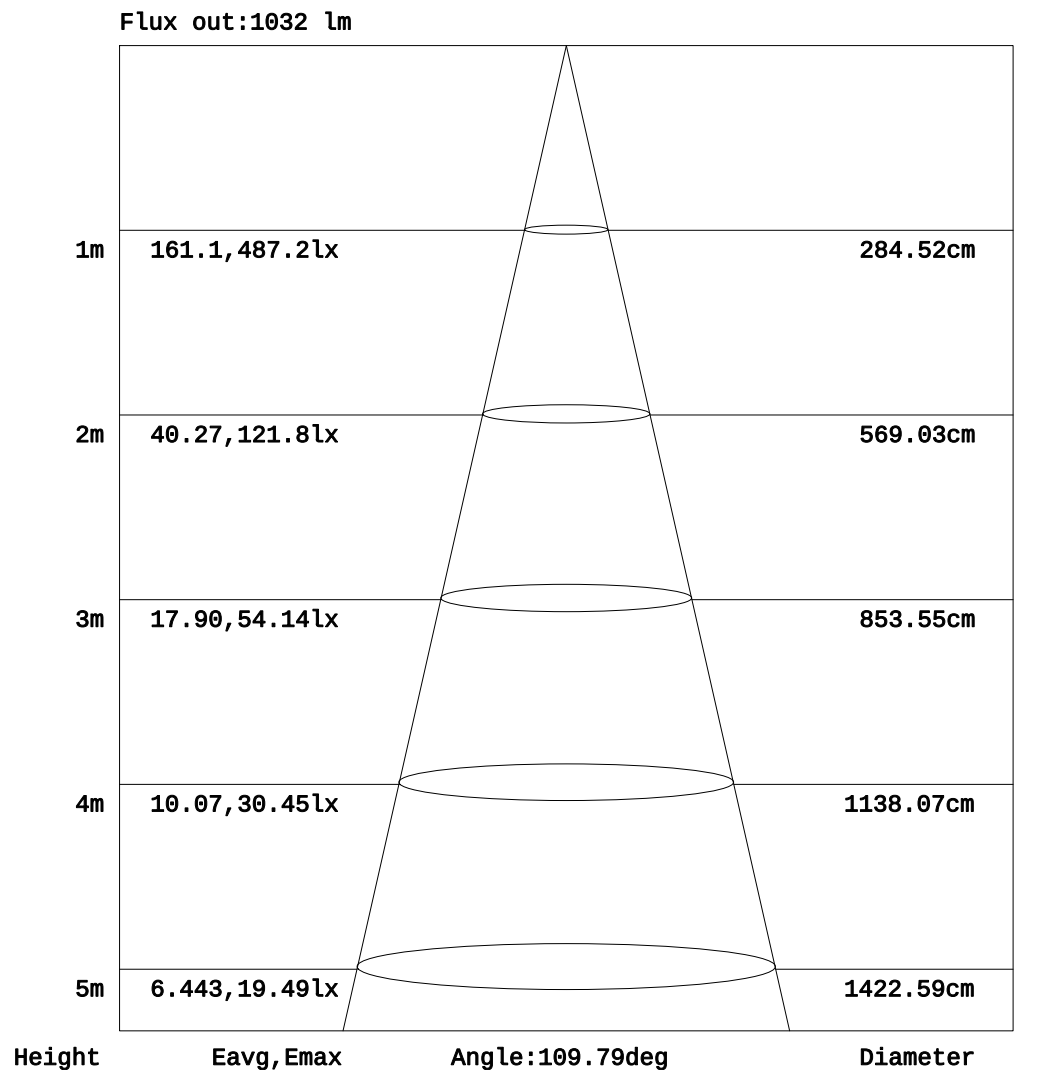


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2022-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.532m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A



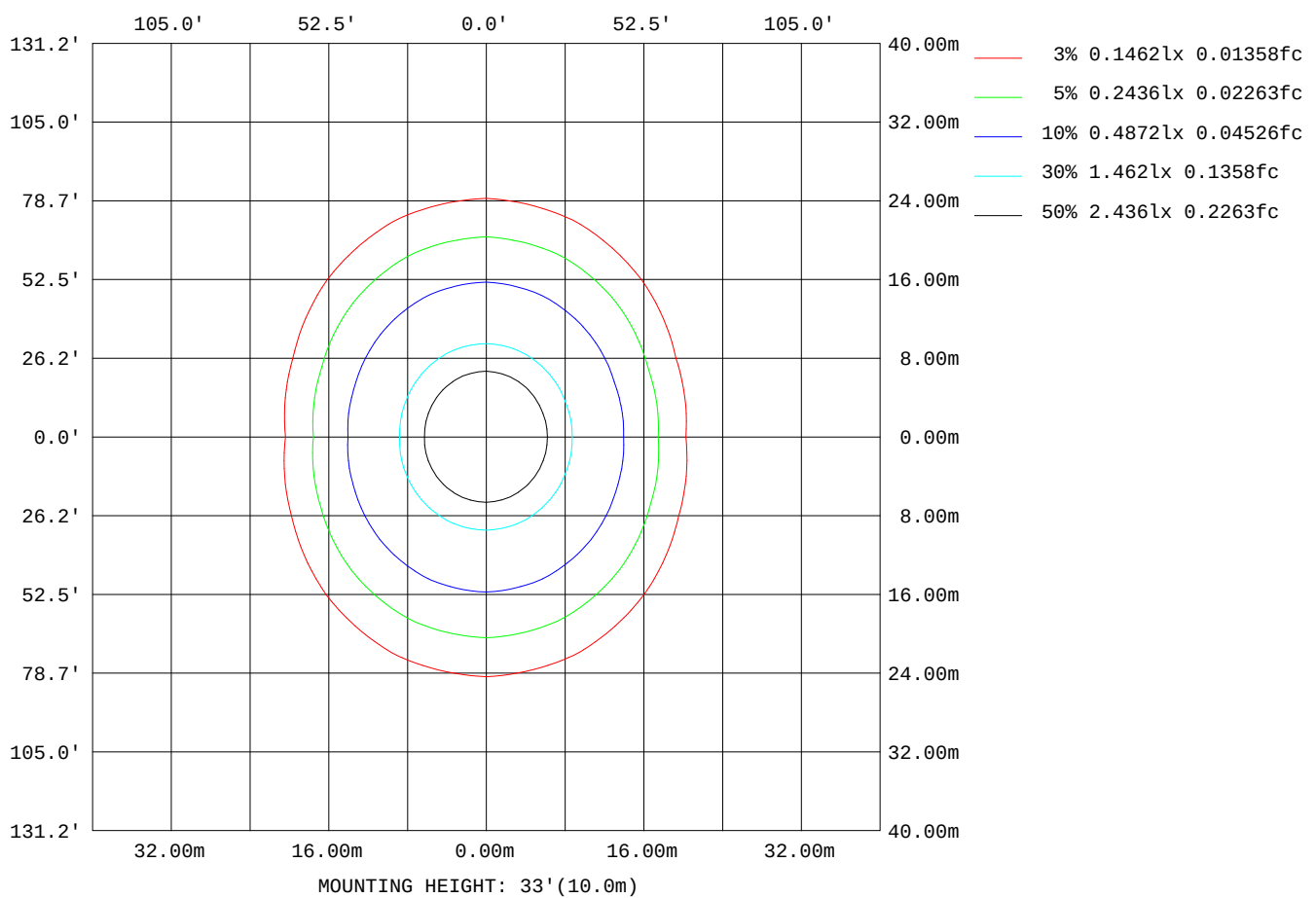
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2022-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.532m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A

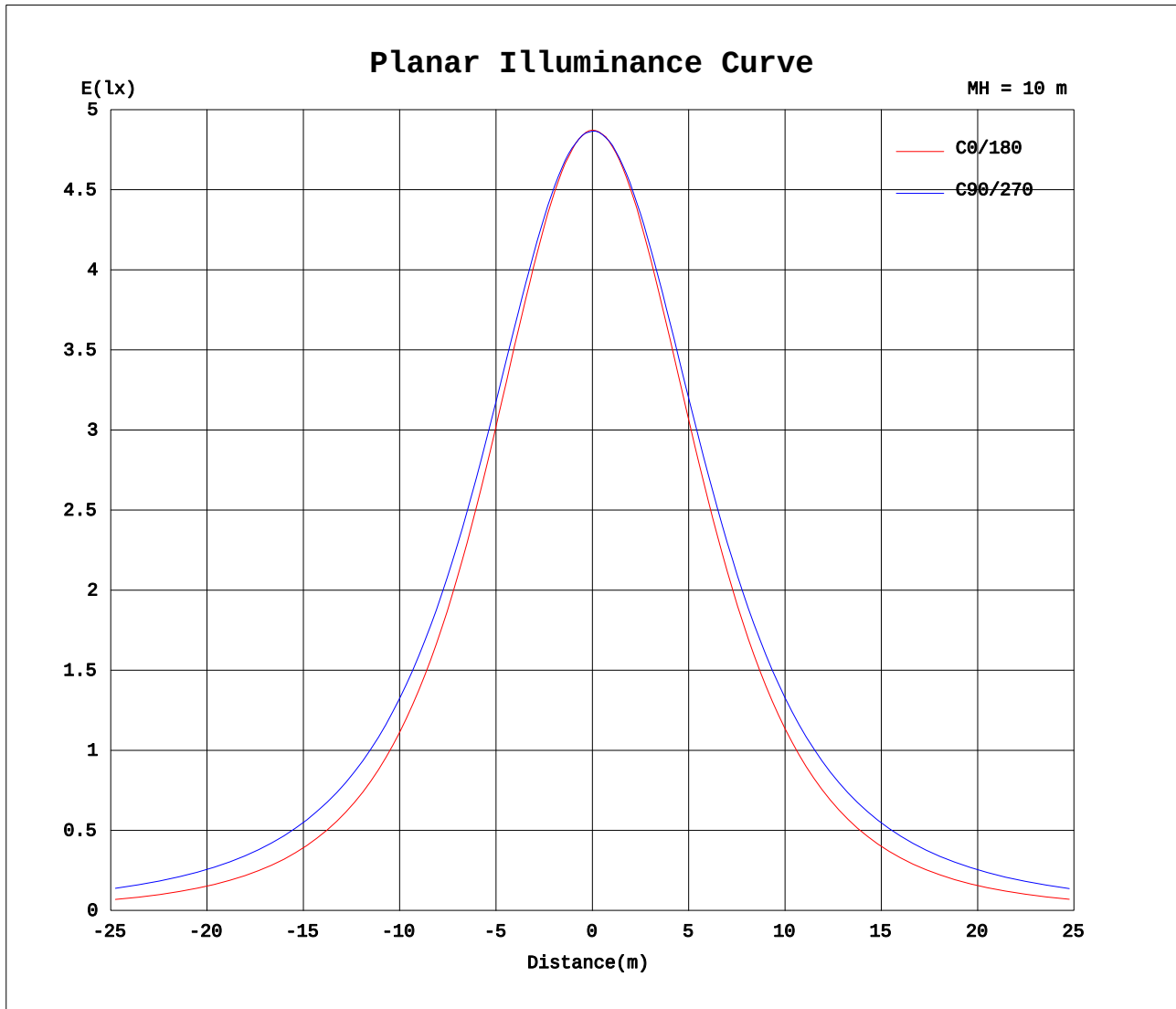
AvgL	cd/m2
L_0~180(65)av	2467
L_0~180(75)av	1878
L_0~180(85)av	734
L_90~270(65)av	4311
L_90~270(75)av	5779
L_90~270(85)av	13612
L_45(65)av	3552
L_45(75)av	4345
L_45(85)av	9125

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Evan
Test Date: 2022-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity: 42%
Test Distance: 2.532m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2152A P:24.11W PF:0.9337 Lamp Flux:1915.64x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	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	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487			
5	484	483	484	484	484	485	485	486	485	485	486	486	486	485	485	483			
10	476	476	478	479	480	480	480	480	479	480	481	482	482	481	478	476			
15	465	465	467	470	472	473	472	470	468	470	473	475	475	473	469	465			
20	449	450	454	459	462	462	459	457	453	456	460	464	465	461	455	449			
25	429	431	438	445	449	448	443	439	435	438	444	451	452	447	438	430			
30	405	409	418	428	433	431	425	417	412	417	426	435	436	430	418	407			
35	378	383	396	409	415	413	403	393	385	391	404	415	418	410	396	381			
40	348	355	371	388	396	392	379	365	355	363	379	394	398	389	370	352			
45	314	324	345	365	375	369	353	334	321	331	352	371	376	365	342	320			
50	278	291	317	341	352	346	325	301	285	298	323	346	352	340	313	286			
55	240	256	288	317	329	320	295	265	245	262	293	320	328	314	283	250			
60	199	220	258	291	304	295	265	228	204	224	263	293	302	287	252	213			
65	158	184	229	265	280	268	235	191	161	187	232	266	277	260	222	176			
70	115	148	200	239	255	243	205	154	117	150	202	240	251	234	192	140			
75	74.0	115	172	214	231	217	177	120	74.5	115	173	214	226	208	164	106			
80	36.9	85.3	147	190	207	193	150	88.4	36.8	84.9	147	189	202	184	138	76.8			
85	9.46	60.8	123	167	184	169	126	62.6	10.1	60.2	122	165	179	161	115	53.3			
90	0.13	41.8	102	145	161	147	104	42.5	0.11	41.8	101	143	157	138	94.3	36.0			
95	0.22	29.1	84.0	125	141	127	85.6	29.2	0.19	29.1	83.2	123	135	119	77.3	24.7			
100	0.83	21.1	69.0	107	122	108	70.0	20.9	0.86	21.3	68.3	105	117	101	63.2	18.0			
105	1.93	16.4	56.3	91.3	105	92.2	57.0	16.1	2.03	16.7	56.1	89.2	100	85.9	51.9	14.2			
110	3.23	13.7	46.4	77.1	89.1	77.8	46.9	13.6	3.38	14.1	46.3	75.3	85.3	72.6	42.8	12.2			
115	4.61	12.1	38.5	64.8	75.4	65.4	38.9	12.0	4.80	12.6	38.5	63.2	72.0	61.0	35.6	11.1			
120	6.02	11.2	32.2	53.9	63.2	54.3	32.7	11.2	6.22	11.7	32.2	52.9	60.5	51.1	29.9	10.6			
125	7.40	10.7	27.2	44.9	52.4	45.2	27.4	10.8	7.64	11.2	27.4	44.1	50.4	42.7	25.5	10.3			
130	8.75	10.5	23.3	37.4	43.5	37.6	23.5	10.6	8.99	11.0	23.4	36.8	41.8	35.7	22.1	10.3			
135	9.98	10.4	20.2	31.2	35.9	31.3	20.4	10.6	10.4	10.9	20.4	30.6	34.7	29.9	19.5	10.4			
140	11.1	10.5	17.8	26.4	29.7	26.3	18.0	10.7	11.4	10.7	17.8	25.5	28.8	25.4	17.6	10.6			
145	12.3	10.7	16.0	22.0	24.7	22.2	16.2	10.8	12.3	11.1	15.6	21.2	23.9	21.8	16.3	11.0			
150	13.2	11.4	14.6	18.8	20.7	18.9	14.8	11.2	13.0	12.0	13.9	17.8	20.0	18.9	15.3	11.7			
155	14.1	12.3	13.6	16.4	17.6	16.4	13.7	12.1	13.8	13.1	12.5	15.2	17.0	16.6	14.5	12.4			
160	14.5	13.1	12.9	14.4	15.2	14.5	13.0	12.7	14.1	14.2	13.1	13.6	14.6	14.9	13.6	13.3			
165	13.0	13.6	13.5	13.3	13.5	13.3	12.6	12.6	12.9	12.9	12.9	12.9	13.7	13.7	13.8	13.4			
170	11.0	13.3	13.4	13.7	13.4	12.8	11.9	11.3	11.5	11.5	11.6	12.6	13.6	14.1	14.0	13.7			
175	9.42	9.85	12.4	12.7	11.7	11.5	9.55	9.55	9.65	9.66	9.67	9.79	11.2	12.2	12.4	12.4			
180	11.1	10.6	9.95	7.99	4.70	8.59	9.63	10.8	10.8	10.8	10.3	9.54	7.67	3.59	7.89	9.74			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2022-11-18

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