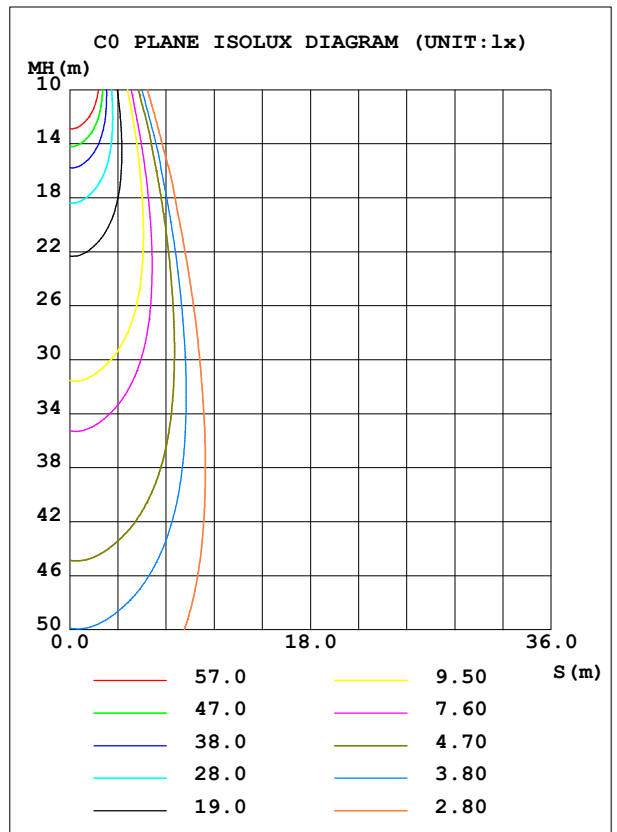
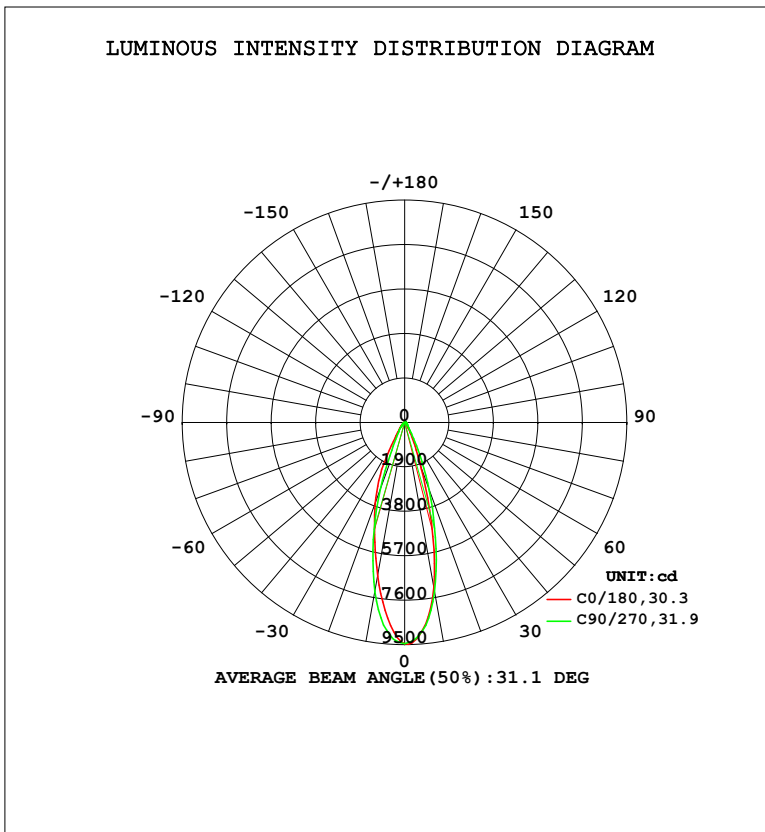


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.48 lm/W			
MODEL	ALDL00041	I _{max} (cd)	9475	S/MH (C0/180)	0.51
NOMINAL POWER (W)	33	LOR (%)	100.0	S/MH (C90/270)	0.53
RATED VOLTAGE (V)		TOTAL FLUX (lm)	3417.8	η UP, DN (C0-180)	0.1, 49.2
NOMINAL FLUX (lm)	3417.83	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 50.7
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	99.9	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2 °C
 Operators: Brooke
 Test Date: 2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 55.0%
 Test Distance: 2.900m [K=0.8817]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	7185	7211	7369	7175	6663	6986	7343	7292	0- 10	786.5	786.5	23,23
20	2117	2473	3115	3551	3677	3540	3046	2384	10- 20	1350	2137	62.5,62.5
30	437.7	496.5	673.2	1038	1134	962.7	635.5	483.6	20- 30	747.3	2884	84.4,84.4
40	133.3	170.3	243.8	298.4	320.8	323.8	253.4	154.1	30- 40	255.9	3140	91.9,91.9
50	66.62	83.31	126.9	149.9	150.2	152.7	129.9	77.73	40- 50	128.6	3269	95.6,95.6
60	42.80	47.94	63.48	68.00	66.44	71.39	66.18	47.61	50- 60	75.08	3344	97.8,97.8
70	23.72	25.92	31.44	37.45	42.15	39.90	32.16	25.84	60- 70	43.97	3388	99.1,99.1
80	0.9824	4.138	11.94	18.08	20.33	14.57	6.153	1.757	70- 80	21.70	3409	99.8,99.8
90	0.0564	0.0511	0.2363	0.5068	0.5982	0.1493	0.0389	0.0504	80- 90	3.840	3413	99.9,99.9
100	0.0704	0.0639	0.0646	0.0527	0.0534	0.0559	0.0396	0.0370	90-100	0.0845	3413	99.9,99.9
110	0.0559	0.0536	0.0738	0.0660	0.0666	0.0698	0.0521	0.0538	100-110	0.0604	3413	99.9,99.9
120	0.1350	0.1167	0.0986	0.0771	0.0858	0.0850	0.0935	0.1203	110-120	0.0759	3413	99.9,99.9
130	0.4534	0.4092	0.3569	0.2150	0.1997	0.2339	0.3440	0.4353	120-130	0.1656	3414	99.9,99.9
140	1.013	1.057	1.592	1.175	1.043	1.197	1.087	1.154	130-140	0.5174	3414	99.9,99.9
150	1.507	1.685	3.483	2.970	2.466	2.997	1.984	1.903	140-150	1.103	3415	99.9,99.9
160	1.874	1.993	4.686	4.414	3.673	3.967	2.647	2.413	150-160	1.349	3417	100,100
170	1.993	3.012	4.286	4.159	3.703	3.505	2.603	2.275	160-170	0.9523	3417	100,100
180	3.314	3.314	2.846	2.846	2.846	2.846	3.314	3.314	170-180	0.3331	3418	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3212.6 lm

%lum = 94.0%

%lamp = 94.0%

Conical surface Flux(120deg): 3343.7 lm

%lum = 97.8%

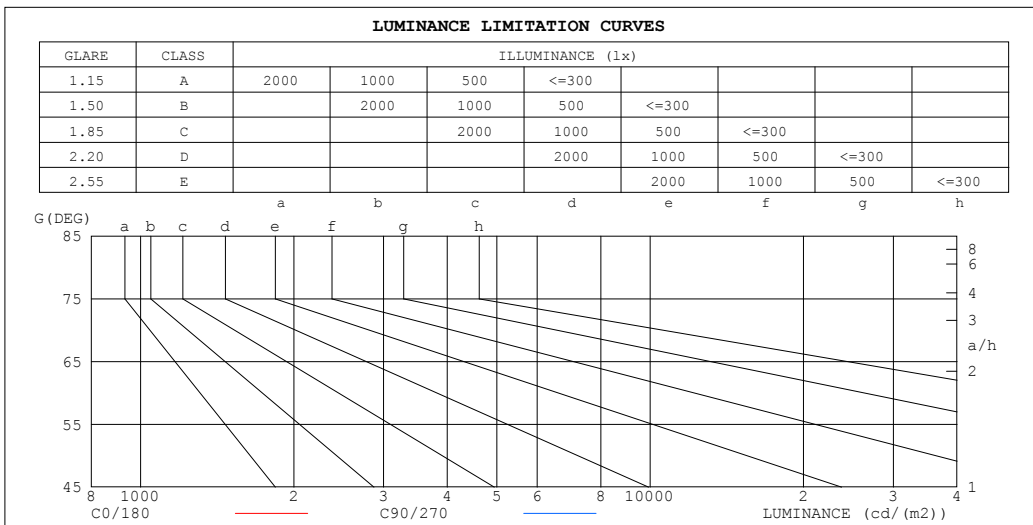
%lamp = 97.8%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Brooke
Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:2.900m [K=0.8817]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1	28
80	8	95
75	55	118
70	96	128
65	109	145
60	119	176
55	129	222
50	144	274
45	173	339

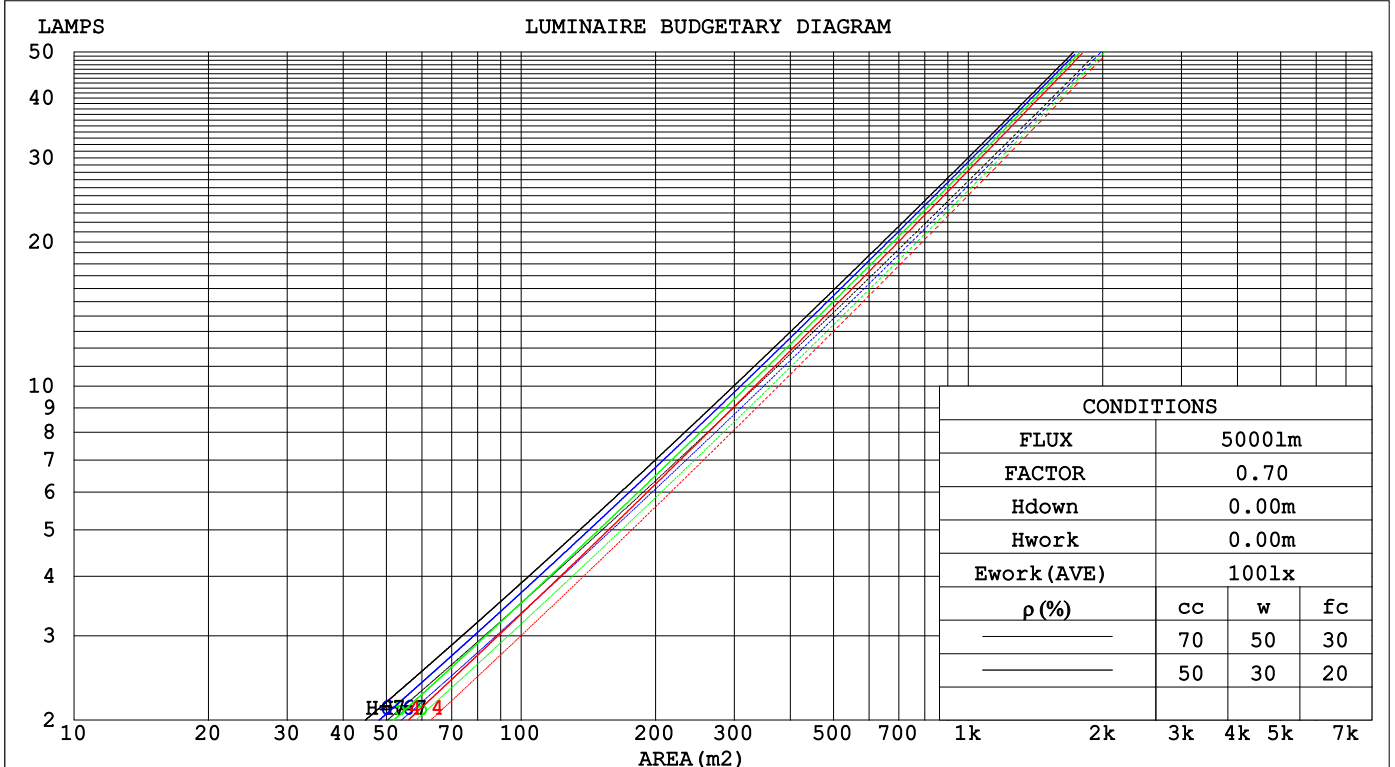
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2°C
 Operators: Brooke
 Test Date: 2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 55.0%
 Test Distance: 2.900m [K=0.8817]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	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						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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.94
2.0	1.05	1.01	.98	1.03	.99	.97	.97	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.95	.91	.98	.94	.90	.95	.92	.89	.93	.90	.87	.90	.88	.86	.85
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.89	.85	.83	.87	.84	.82	.80
5.0	.89	.84	.80	.88	.84	.80	.87	.82	.79	.85	.81	.79	.83	.80	.78	.77
6.0	.85	.80	.76	.84	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.75	.73
7.0	.81	.76	.73	.81	.76	.72	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.69	.77	.73	.69	.76	.72	.69	.75	.72	.69	.75	.71	.68	.67
9.0	.75	.70	.67	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.65
10.0	.72	.67	.64	.72	.67	.64	.71	.67	.64	.70	.66	.64	.70	.66	.63	.62



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2°C
Operators:Brooke
Test Date:2022-05-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:2.900m [K=0.8817]
Remarks:

WEC AND CCEC

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	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	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.164	.093	.029	.157	.089	.028	.144	.083	.026	.133	.076	.025	.122	.071	.023	
2.0	.154	.084	.026	.148	.082	.025	.138	.077	.024	.128	.072	.022	.119	.067	.021	
3.0	.144	.077	.023	.140	.075	.023	.131	.071	.022	.123	.067	.021	.115	.064	.020	
4.0	.136	.071	.021	.132	.069	.020	.124	.066	.020	.117	.063	.019	.111	.060	.018	
5.0	.128	.065	.019	.125	.064	.019	.118	.062	.018	.112	.059	.018	.106	.057	.017	
6.0	.121	.061	.017	.118	.060	.017	.113	.058	.017	.107	.056	.016	.102	.054	.016	
7.0	.115	.057	.016	.113	.056	.016	.108	.054	.016	.103	.053	.015	.099	.051	.015	
8.0	.110	.054	.015	.107	.053	.015	.103	.051	.015	.099	.050	.014	.095	.049	.014	
9.0	.105	.051	.014	.103	.050	.014	.099	.049	.014	.095	.048	.014	.092	.047	.013	
10.0	.100	.048	.013	.098	.048	.013	.095	.046	.013	.092	.045	.013	.088	.044	.013	

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.171	.158	.147	.147	.136	.126	.100	.094	.087	.058	.054	.051	.018	.017	.016	
2.0	.155	.134	.116	.133	.115	.100	.091	.080	.070	.052	.046	.041	.017	.015	.013	
3.0	.141	.115	.093	.121	.099	.081	.083	.069	.057	.048	.040	.033	.015	.013	.011	
4.0	.130	.100	.076	.112	.086	.066	.077	.060	.047	.044	.035	.028	.014	.011	.009	
5.0	.120	.088	.063	.103	.076	.055	.071	.053	.039	.041	.031	.023	.013	.010	.008	
6.0	.112	.078	.053	.096	.068	.047	.066	.047	.033	.039	.028	.020	.012	.009	.006	
7.0	.105	.070	.046	.090	.061	.040	.062	.043	.028	.036	.025	.017	.012	.008	.006	
8.0	.099	.064	.039	.085	.055	.034	.059	.039	.024	.034	.023	.015	.011	.007	.005	
9.0	.093	.058	.034	.080	.050	.030	.056	.035	.021	.032	.021	.013	.011	.007	.004	
10.0	.088	.054	.030	.076	.047	.026	.053	.033	.019	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz										
Lamp Flux:3417.83x1 lm										
NAME: ALDL00041 3000K 38					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Alpha					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	-0.9	-0.1	-0.7	0.0	0.2	1.3	2.1	1.5	2.3	2.4
3H	-0.2	0.6	0.1	0.8	1.0	1.9	2.7	2.2	2.9	3.0
4H	-0.0	0.7	0.2	0.9	1.1	2.2	2.9	2.4	3.1	3.3
6H	-0.1	0.6	0.2	0.8	1.1	2.3	3.0	2.6	3.2	3.5
8H	-0.1	0.5	0.2	0.8	1.0	2.4	3.0	2.7	3.3	3.5
12H	-0.2	0.5	0.2	0.7	1.0	2.3	2.9	2.6	3.2	3.5
4H 2H	-0.5	0.2	-0.3	0.4	0.6	1.4	2.1	1.7	2.3	2.5
3H	0.4	1.0	0.7	1.3	1.6	2.2	2.8	2.5	3.0	3.3
4H	0.6	1.2	0.9	1.5	1.8	2.5	3.1	2.8	3.4	3.7
6H	0.5	1.0	0.9	1.4	1.7	2.7	3.2	3.1	3.5	3.9
8H	0.5	1.0	0.9	1.3	1.7	2.7	3.2	3.1	3.6	3.9
12H	0.4	0.9	0.8	1.2	1.6	2.7	3.1	3.1	3.5	3.9
8H 4H	0.7	1.1	1.1	1.5	1.8	2.5	2.9	2.9	3.3	3.7
6H	0.6	1.0	1.1	1.4	1.8	2.7	3.1	3.1	3.5	3.9
8H	0.6	0.9	1.0	1.3	1.8	2.7	3.1	3.2	3.5	3.9
12H	0.5	0.8	1.0	1.3	1.7	2.7	3.0	3.2	3.4	3.9
12H 4H	0.6	1.1	1.0	1.4	1.8	2.4	2.9	2.8	3.2	3.6
6H	0.6	0.9	1.0	1.3	1.8	2.7	3.0	3.1	3.4	3.9
8H	0.5	0.8	1.0	1.3	1.7	2.7	3.0	3.1	3.4	3.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.7 / - 1.0					+ 1.0 / - 0.8				
1.5H	+ 0.9 / - 0.8					+ 1.7 / - 1.1				
2.0H	+ 0.8 / - 0.8					+ 2.0 / - 1.3				

CIE Pub.117, 3418 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.3)
 Area: 0.72 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:

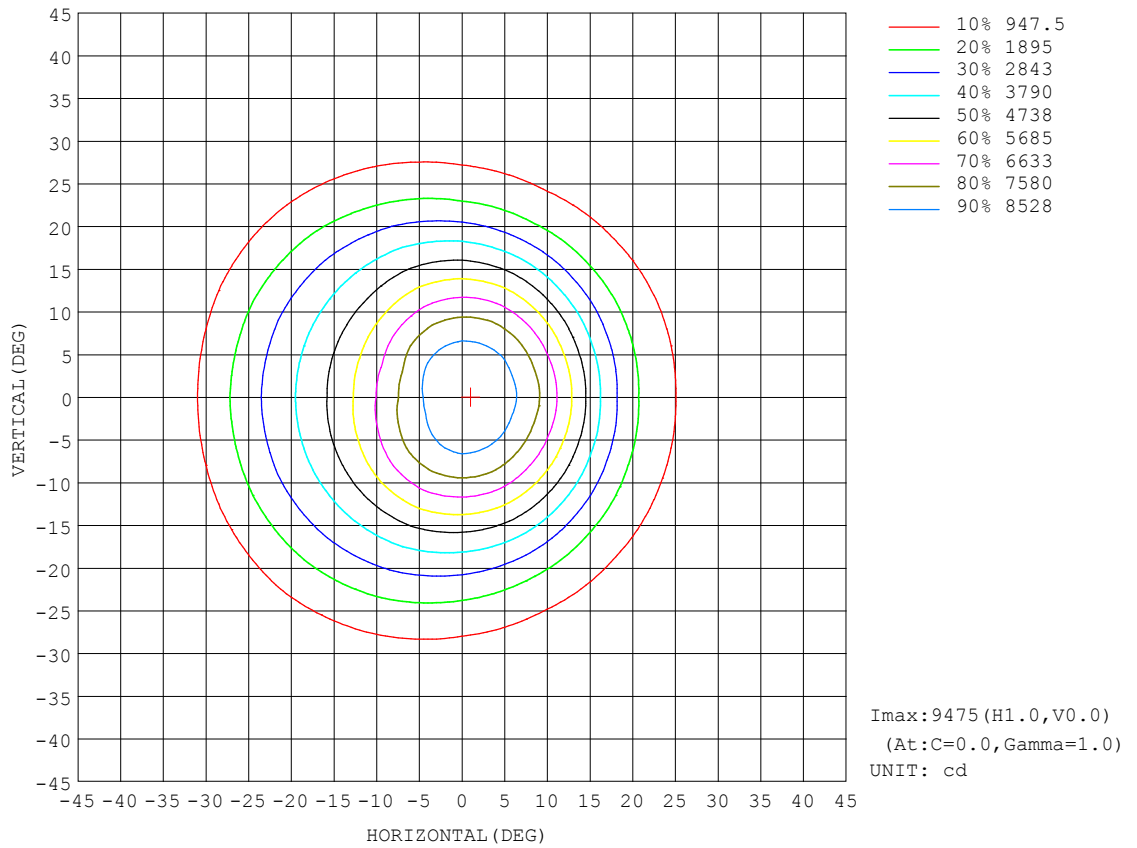
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	87	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	88	84	92	87	84	80
1.00	98	93	89	98	92	89	96	92	88	84
1.25	102	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	102	98	95	91
2.00	108	104	100	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	106	104	106	104	102	95
4.00	114	111	108	111	109	107	108	106	104	97
5.00	115	112	111	113	111	109	109	107	106	98
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:25.2°C
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:

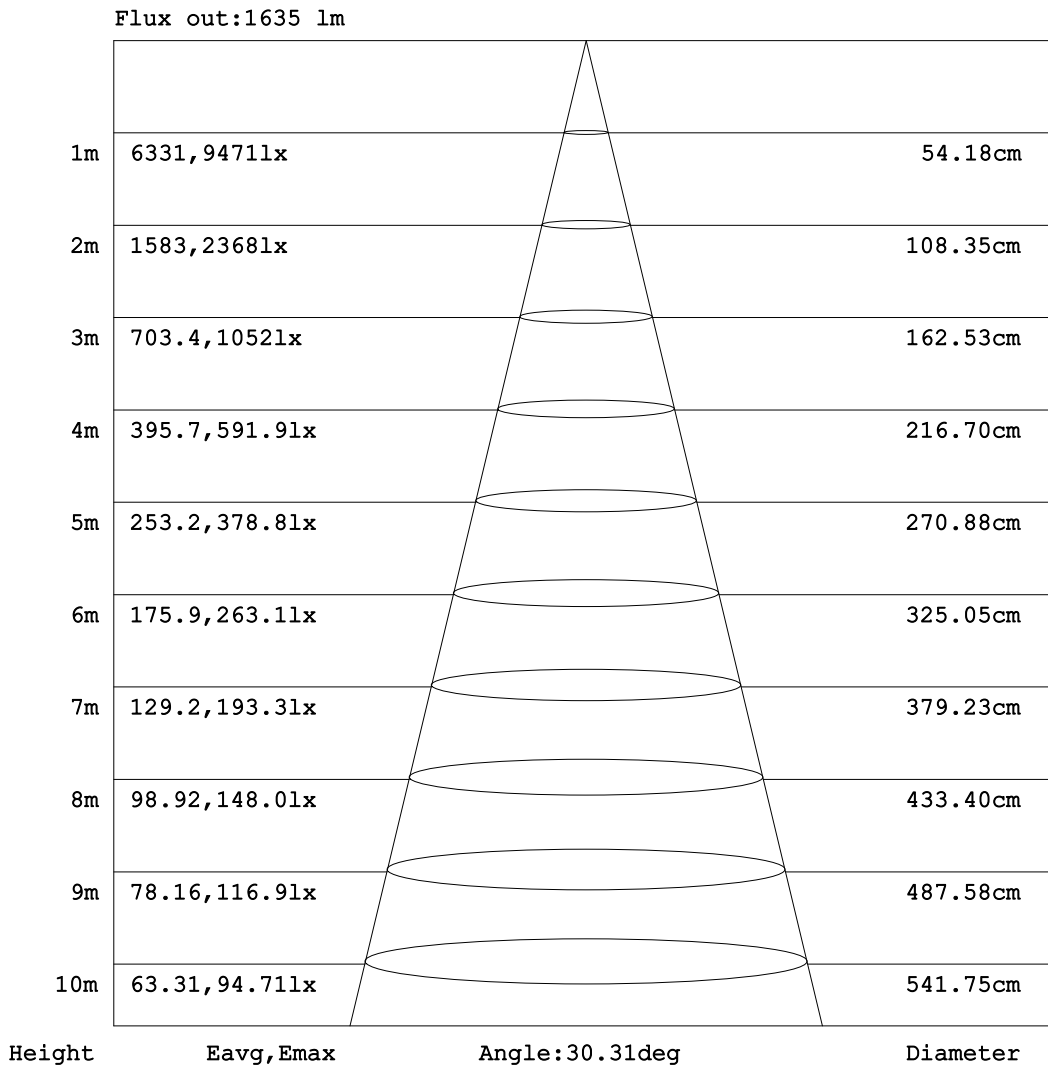


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2°C
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

AAI Figure

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:



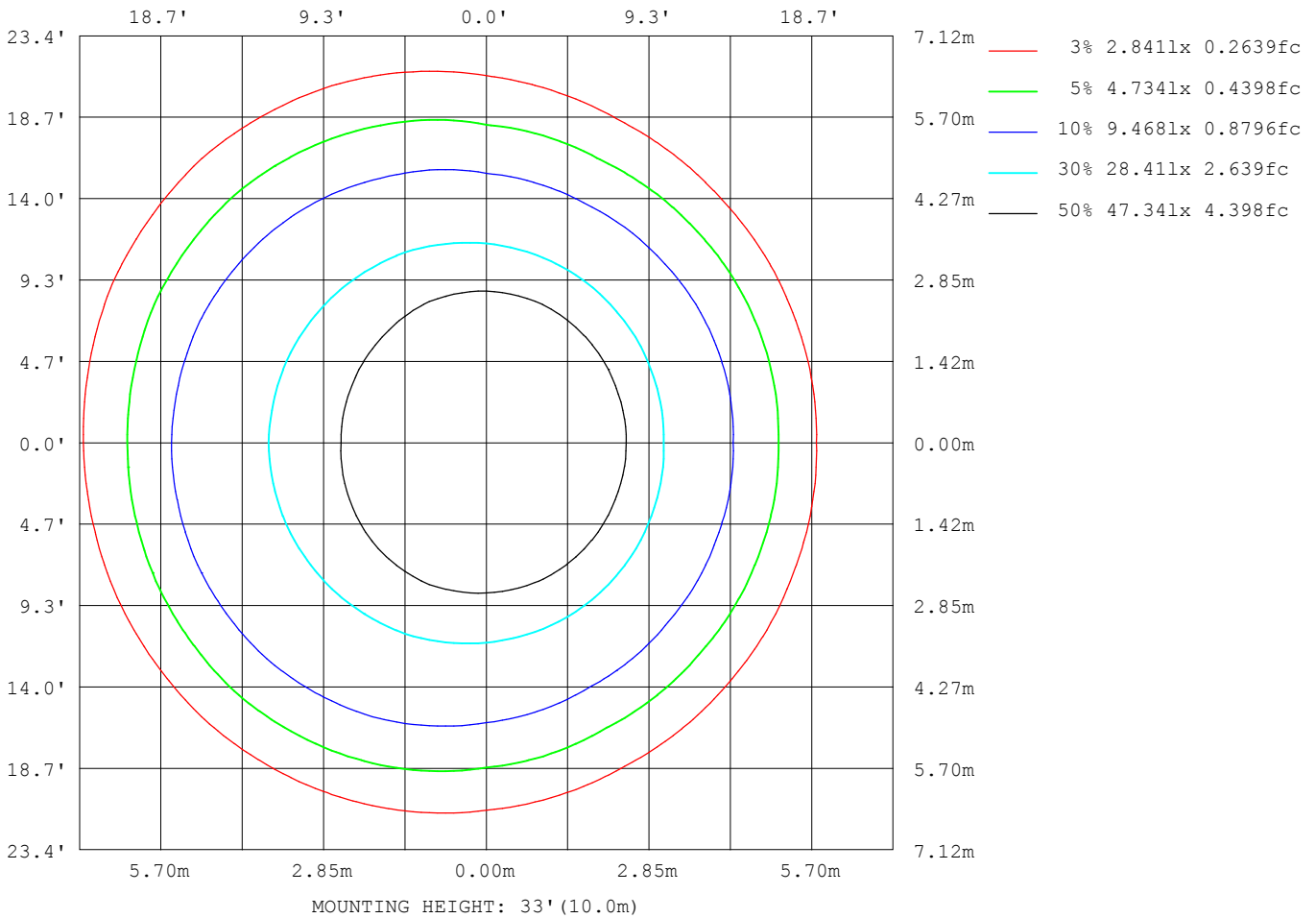
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2°C
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

ISOLUX DIAGRAM

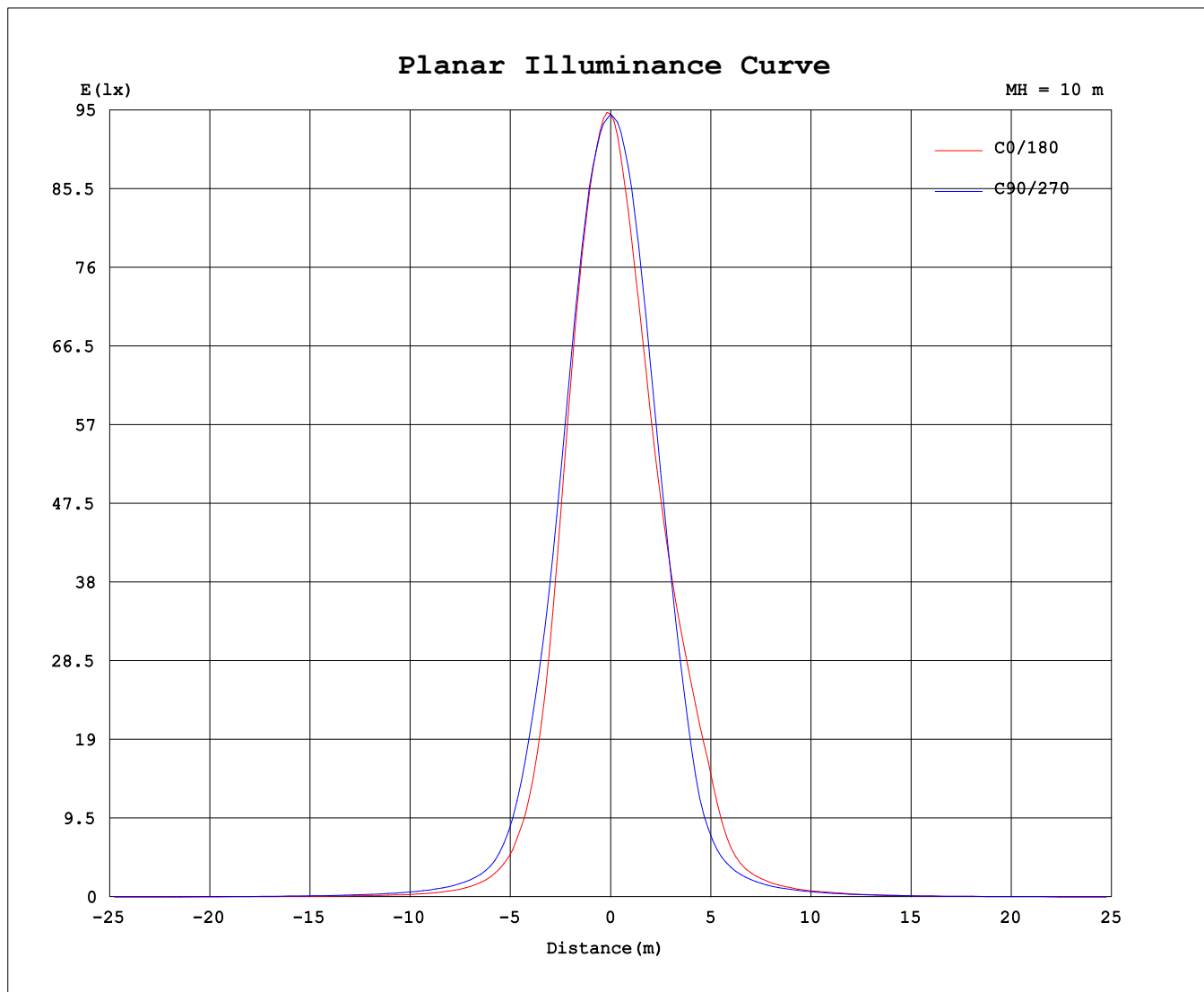
Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz		
Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2°C
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2°C
Operators: Brooke
Test Date: 2022-05-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity: 55.0%
Test Distance: 2.900m [K=0.8817]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:36.70V I:0.9000A P:33.03W PF:1.0000 Freq:0Hz Lamp Flux:3417.83x1 lm		
NAME: ALDL00041 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	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	9454	9454	9454	9454	9454	9454	9454	9454	9454	9454	9454	9454	9454	9454	9454	9454			
5	8892	8853	8912	8923	8921	8825	8621	8417	8392	8527	8703	8856	8918	8938	8957	8880			
10	7185	7129	7211	7348	7369	7350	7175	6858	6663	6671	6986	7241	7343	7382	7292	7180			
15	4452	4542	4751	4973	5105	5234	5172	5060	4972	5000	5054	5211	5187	5050	4783	4540			
20	2117	2234	2473	2798	3115	3401	3551	3644	3677	3637	3540	3382	3046	2673	2384	2221			
25	956	988	1072	1247	1568	1951	2239	2425	2489	2403	2129	1696	1324	1124	1019	991			
30	438	455	497	558	673	864	1038	1118	1134	1092	963	795	636	537	484	453			
35	230	246	282	324	377	436	487	516	530	549	526	463	382	310	260	234			
40	133	145	170	205	244	278	298	314	321	328	324	302	253	198	154	135			
45	88.0	95.1	113	141	173	194	206	212	213	220	224	214	181	138	104	88.5			
50	66.6	71.0	83.3	106	127	141	150	153	150	151	153	148	130	103	77.7	66.4			
55	53.5	55.6	64.0	79.0	91.5	97.7	98.6	96.2	93.7	96.5	101	101	93.6	77.6	61.5	53.6			
60	42.8	43.6	47.9	55.7	63.5	67.6	68.0	66.4	66.4	68.8	71.4	71.4	66.2	56.1	47.6	43.2			
65	33.2	33.8	35.7	39.7	44.0	47.0	49.1	51.3	52.8	53.7	53.2	50.7	46.6	40.5	36.1	33.6			
70	23.7	24.4	25.9	28.3	31.4	34.5	37.5	40.4	42.2	42.1	39.9	35.6	32.2	28.6	25.8	24.0			
75	10.3	11.9	14.9	17.3	22.0	24.6	27.5	30.1	31.3	30.5	27.5	22.5	18.3	14.0	11.1	10.0			
80	0.98	1.93	4.14	7.15	11.9	15.6	18.1	19.9	20.3	18.6	14.6	9.90	6.15	3.76	1.76	1.05			
85	0.06	0.18	0.29	0.52	1.75	5.18	7.53	8.66	8.41	6.79	4.01	1.21	0.30	0.12	0.10	0.07			
90	0.06	0.05	0.05	0.05	0.24	0.33	0.51	0.66	0.60	0.37	0.15	0.07	0.04	0.04	0.05	0.04			
95	0.08	0.07	0.03	0.05	0.06	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.06	0.05			
100	0.07	0.08	0.06	0.04	0.06	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.04	0.04	0.04	0.06			
105	0.06	0.05	0.05	0.05	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.05	0.04	0.05			
110	0.06	0.05	0.05	0.05	0.07	0.07	0.07	0.06	0.07	0.07	0.07	0.08	0.05	0.05	0.05	0.05			
115	0.08	0.08	0.07	0.07	0.08	0.08	0.07	0.07	0.08	0.07	0.07	0.08	0.07	0.07	0.07	0.08			
120	0.14	0.13	0.12	0.11	0.10	0.09	0.08	0.07	0.09	0.08	0.09	0.09	0.09	0.11	0.12	0.13			
125	0.27	0.24	0.22	0.19	0.16	0.12	0.11	0.10	0.11	0.11	0.12	0.14	0.17	0.20	0.23	0.26			
130	0.45	0.44	0.41	0.38	0.36	0.27	0.22	0.19	0.20	0.20	0.23	0.29	0.34	0.39	0.44	0.46			
135	0.73	0.73	0.68	0.71	0.82	0.66	0.54	0.46	0.47	0.48	0.56	0.69	0.63	0.67	0.72	0.74			
140	1.01	1.02	1.06	1.27	1.59	1.37	1.17	1.04	1.04	1.05	1.20	1.42	1.09	1.15	1.15	1.01			
145	1.19	1.30	1.30	1.88	2.55	2.30	2.04	1.80	1.73	1.81	2.09	2.40	1.63	1.59	1.49	1.24			
150	1.51	1.70	1.68	2.59	3.48	3.24	2.97	2.63	2.47	2.59	3.00	3.35	1.98	1.97	1.90	1.68			
155	1.71	1.88	1.98	3.41	4.29	4.08	3.79	3.42	3.04	3.27	3.68	4.07	2.40	2.39	2.31	1.96			
160	1.87	2.01	1.99	4.02	4.69	4.61	4.41	4.11	3.67	3.63	3.97	4.38	2.65	2.56	2.41	2.11			
165	1.97	1.99	2.03	4.63	4.66	4.66	4.51	4.26	3.91	3.79	3.93	4.11	2.68	2.59	2.42	2.09			
170	1.99	1.88	3.01	5.45	4.29	4.28	4.16	3.96	3.70	3.58	3.50	3.51	2.60	2.48	2.28	2.11			
175	2.44	4.70	5.51	6.84	3.62	3.65	3.61	3.51	3.36	3.26	3.13	3.06	2.39	2.38	2.45	2.64			
180	3.31	3.31	3.31	3.31	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	3.31	3.31	3.31	3.31			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Brooke
 Test Date:2022-05-06

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 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
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