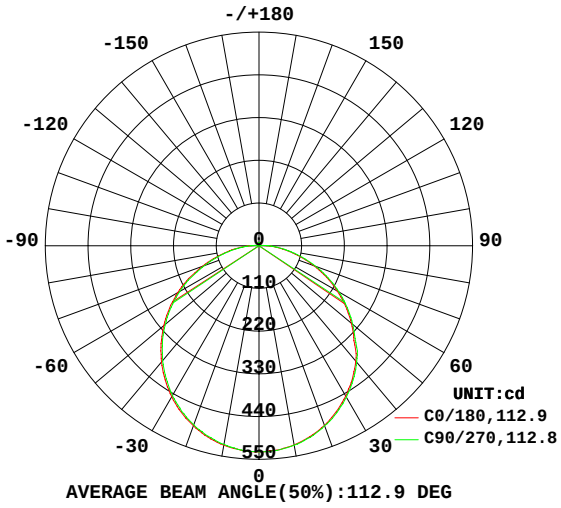
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:

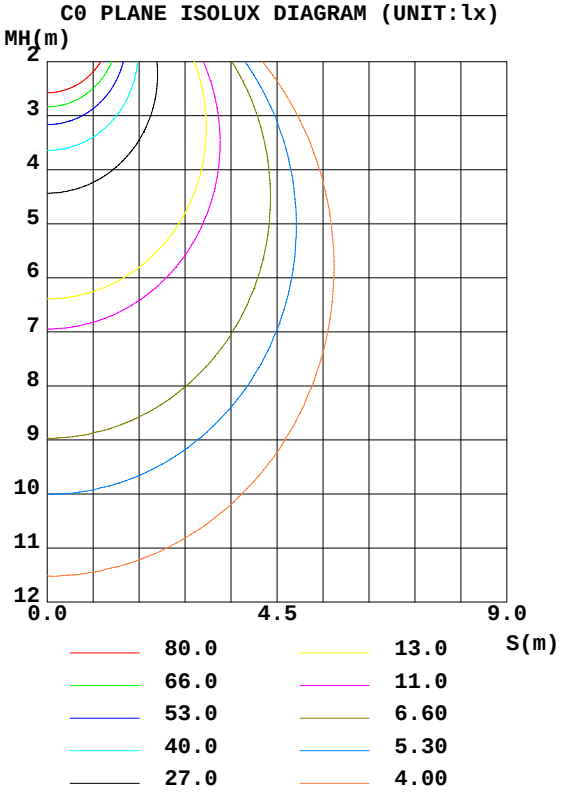
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 92.13 lm/W	
MODEL	ASL-610801	Imax(cd)	531.1	S/MH(C0/180)	1.25
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1593.8	η UP,DN(C0-180)	1.2,48.6
NOMINAL FLUX(lm)	1593.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.1
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):112.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [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	521.4	520.1	519.4	519.1	520.5	521.4	521.5	522.1	0- 10	50.16	50.16	3.15,3.15
20	493.4	491.8	490.6	488.9	492.4	492.7	493.6	494.9	10- 20	143.6	193.7	12.2,12.2
30	449.0	447.1	446.0	443.7	446.8	447.7	450.1	450.7	20- 30	217.5	411.2	25.8,25.8
40	390.4	388.2	386.2	383.9	387.5	389.3	391.4	392.2	30- 40	262.5	673.8	42.3,42.3
50	320.0	317.7	314.4	312.7	310.5	312.5	314.8	316.8	40- 50	271.9	945.7	59.3,59.3
60	241.3	238.6	235.9	233.4	232.6	234.9	237.5	239.5	50- 60	247.3	1193	74.9,74.9
70	154.7	152.0	149.1	146.7	150.8	153.0	155.6	157.7	60- 70	192.8	1386	87,87
80	77.81	75.78	73.26	71.38	74.50	76.13	78.23	80.08	70- 80	119.3	1505	94.4,94.4
90	24.12	23.56	22.59	21.78	23.12	23.68	24.45	25.41	80- 90	51.19	1556	97.6,97.6
100	4.423	4.473	4.363	4.336	4.497	4.351	4.633	4.653	90-100	12.73	1569	98.4,98.4
110	2.637	3.217	2.981	3.068	3.049	2.589	2.948	2.792	100-110	3.258	1572	98.7,98.7
120	3.515	4.427	3.932	4.030	4.130	3.207	3.756	4.086	110-120	3.367	1576	98.9,98.9
130	4.561	6.178	5.144	5.179	5.302	4.377	4.957	4.708	120-130	3.996	1580	99.1,99.1
140	6.617	6.699	6.246	6.309	6.369	5.457	4.939	6.815	130-140	4.335	1584	99.4,99.4
150	6.326	7.277	6.781	7.187	7.933	6.406	5.558	6.402	140-150	4.056	1588	99.6,99.6
160	6.837	6.941	7.113	7.503	7.807	7.118	7.089	5.812	150-160	3.119	1591	99.8,99.8
170	6.939	6.940	7.255	7.214	6.897	6.732	6.761	6.382	160-170	1.951	1593	100,100
180	7.028	7.017	7.165	6.958	7.010	7.006	7.201	6.958	170-180	0.6524	1594	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

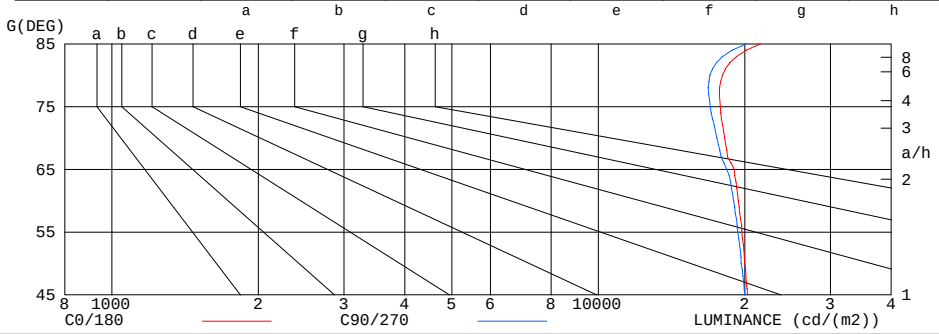
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:4000K**
MFR.: ASL Lighting	**SUR.:**	**Shielding Angle:**

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	21538	20158
80	18010	16955
75	17813	16989
70	18179	17524
65	19024	18370
60	19398	18964
55	19719	19355
50	20011	19657
45	20271	19983

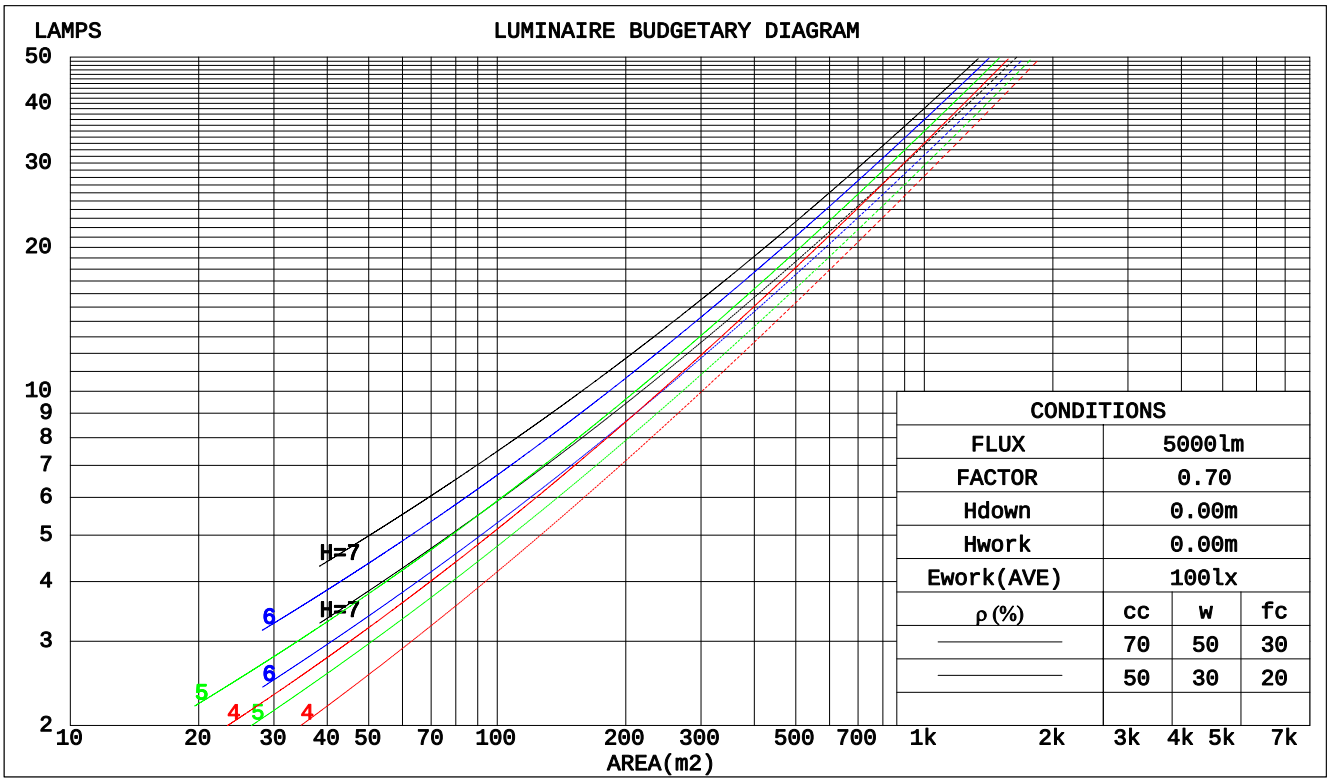
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:

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			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.02	.98	.94	.00	.96	.92	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.53	.65	.57	.52	.62	.56	.51	.60	.54	.50	.47
5.0	.62	.52	.46	.60	.52	.45	.58	.50	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.50	.44	.38	.48	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:

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 Coeffcients(WEC)									
0.0																
1.0	.326	.185	.059	.318	.182	.058	.304	.174	.056	.290	.167	.054	.278	.161	.052	
2.0	.301	.165	.051	.294	.162	.050	.281	.156	.048	.269	.151	.047	.257	.146	.046	
3.0	.275	.147	.044	.269	.144	.043	.258	.140	.042	.247	.135	.042	.237	.131	.041	
4.0	.253	.131	.039	.247	.129	.038	.237	.126	.038	.228	.122	.037	.219	.119	.036	
5.0	.233	.119	.034	.228	.117	.034	.219	.114	.034	.210	.111	.033	.202	.108	.032	
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.195	.101	.030	.188	.099	.029	
7.0	.200	.099	.028	.196	.098	.028	.189	.095	.028	.182	.093	.027	.175	.091	.027	
8.0	.187	.091	.026	.183	.090	.025	.177	.088	.025	.170	.086	.025	.164	.084	.025	
9.0	.175	.085	.024	.172	.084	.023	.166	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.146	.073	.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	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.199	.174	.151	.171	.149	.130	.117	.103	.090	.067	.059	.052	.022	.019	.017	
2.0	.192	.150	.115	.164	.129	.100	.112	.089	.069	.065	.052	.041	.021	.017	.013	
3.0	.184	.133	.092	.158	.114	.080	.108	.079	.056	.062	.046	.033	.020	.015	.011	
4.0	.176	.119	.076	.151	.103	.066	.104	.072	.047	.060	.042	.028	.019	.014	.009	
5.0	.169	.109	.065	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
6.0	.161	.101	.057	.139	.087	.050	.096	.061	.035	.056	.036	.021	.018	.012	.007	
7.0	.154	.094	.052	.133	.081	.045	.092	.057	.032	.053	.034	.019	.017	.011	.006	
8.0	.148	.088	.047	.127	.076	.041	.088	.054	.029	.051	.032	.017	.017	.010	.006	
9.0	.142	.083	.044	.122	.072	.038	.085	.051	.027	.049	.030	.016	.016	.010	.005	
10.0	.136	.079	.041	.117	.069	.036	.081	.048	.025	.047	.029	.015	.015	.009	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	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	21.4	22.9	21.7	23.2	23.4	21.3	22.9	21.6	23.1	23.4
3H	23.1	24.4	23.4	24.7	25.0	22.9	24.3	23.3	24.6	24.9
4H	23.7	25.1	24.1	25.4	25.7	23.6	24.9	23.9	25.2	25.5
6H	24.3	25.6	24.7	25.9	26.2	24.2	25.4	24.5	25.7	26.0
8H	24.6	25.8	25.0	26.1	26.5	24.4	25.6	24.8	25.9	26.3
12H	24.8	26.0	25.2	26.3	26.7	24.6	25.8	25.0	26.1	26.5
4H 2H	22.0	23.4	22.4	23.7	24.0	22.0	23.3	22.3	23.6	23.9
3H	23.9	25.0	24.2	25.4	25.7	23.8	24.9	24.1	25.3	25.6
4H	24.7	25.8	25.1	26.1	26.5	24.6	25.6	25.0	26.0	26.4
6H	25.4	26.4	25.9	26.8	27.2	25.3	26.2	25.7	26.6	27.0
8H	25.8	26.6	26.2	27.1	27.5	25.6	26.5	26.0	26.9	27.3
12H	26.1	26.9	26.5	27.3	27.8	25.9	26.7	26.3	27.1	27.6
8H 4H	25.0	25.9	25.4	26.3	26.7	24.9	25.8	25.3	26.2	26.6
6H	25.9	26.7	26.4	27.1	27.6	25.8	26.5	26.3	27.0	27.4
8H	26.4	27.0	26.9	27.5	28.0	26.2	26.9	26.7	27.3	27.8
12H	26.8	27.4	27.3	27.9	28.4	26.6	27.2	27.1	27.7	28.2
12H 4H	25.0	25.8	25.5	26.3	26.7	24.9	25.7	25.4	26.2	26.6
6H	26.0	26.7	26.5	27.1	27.7	25.9	26.5	26.4	27.0	27.5
8H	26.5	27.1	27.0	27.6	28.1	26.4	26.9	26.9	27.4	28.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 1594 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.6)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:

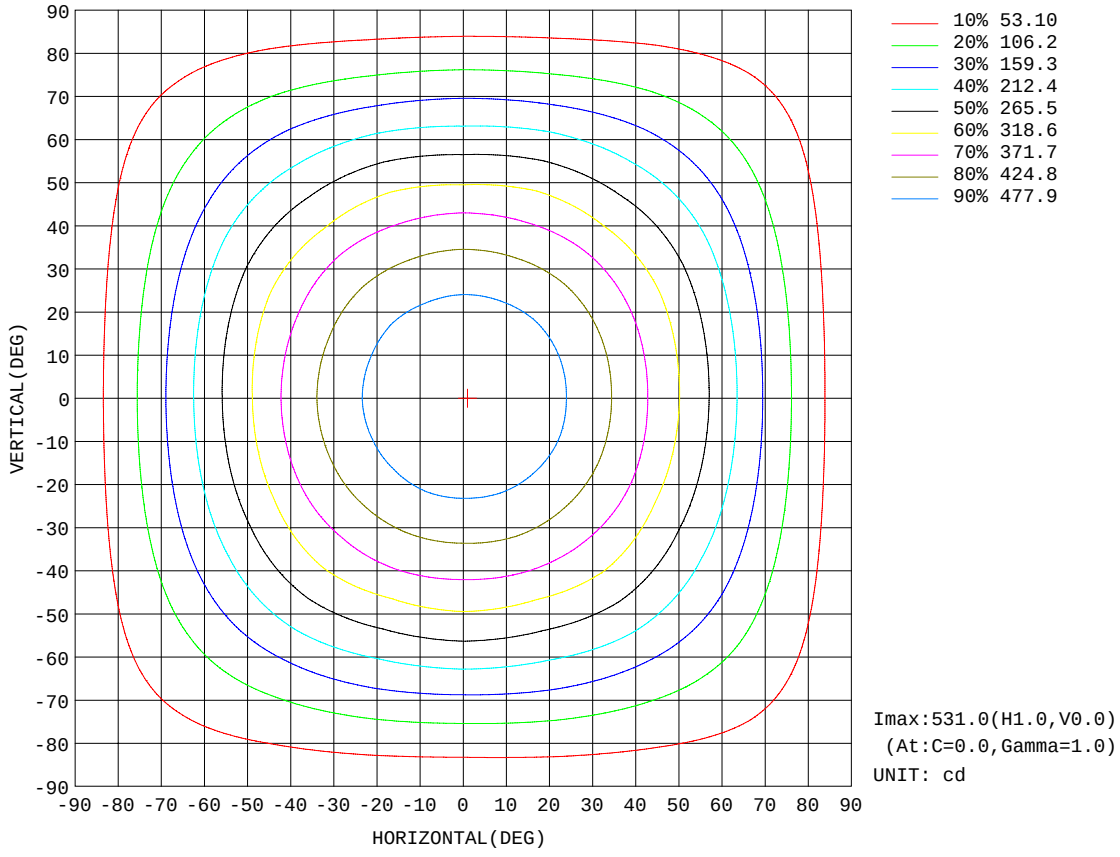
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	55	73	62	55	71	64	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	84	78	91	83	77	87	80	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	93	87	98	92	86	94	88	84	75
4.00	105	99	94	102	97	92	98	93	89	80
5.00	107	102	98	105	100	96	100	96	93	83
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:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:



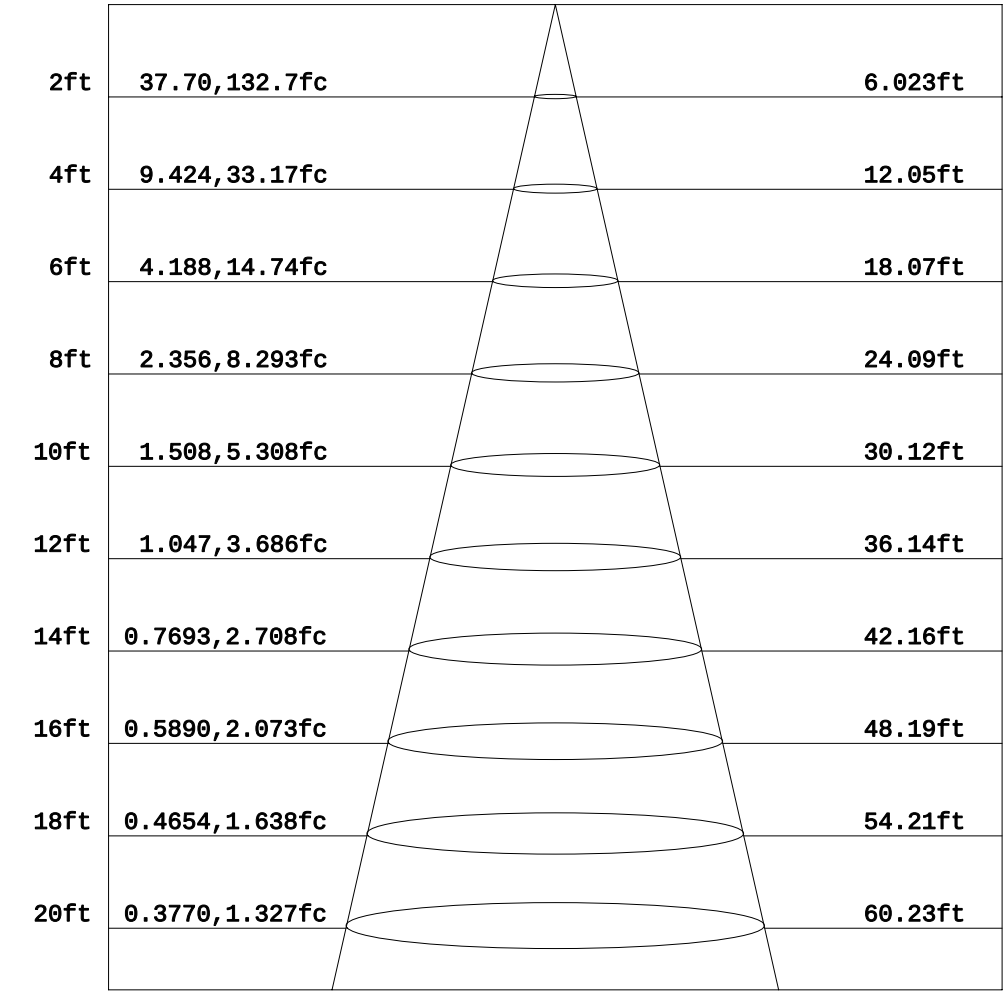
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:

Flux out:1123 lm



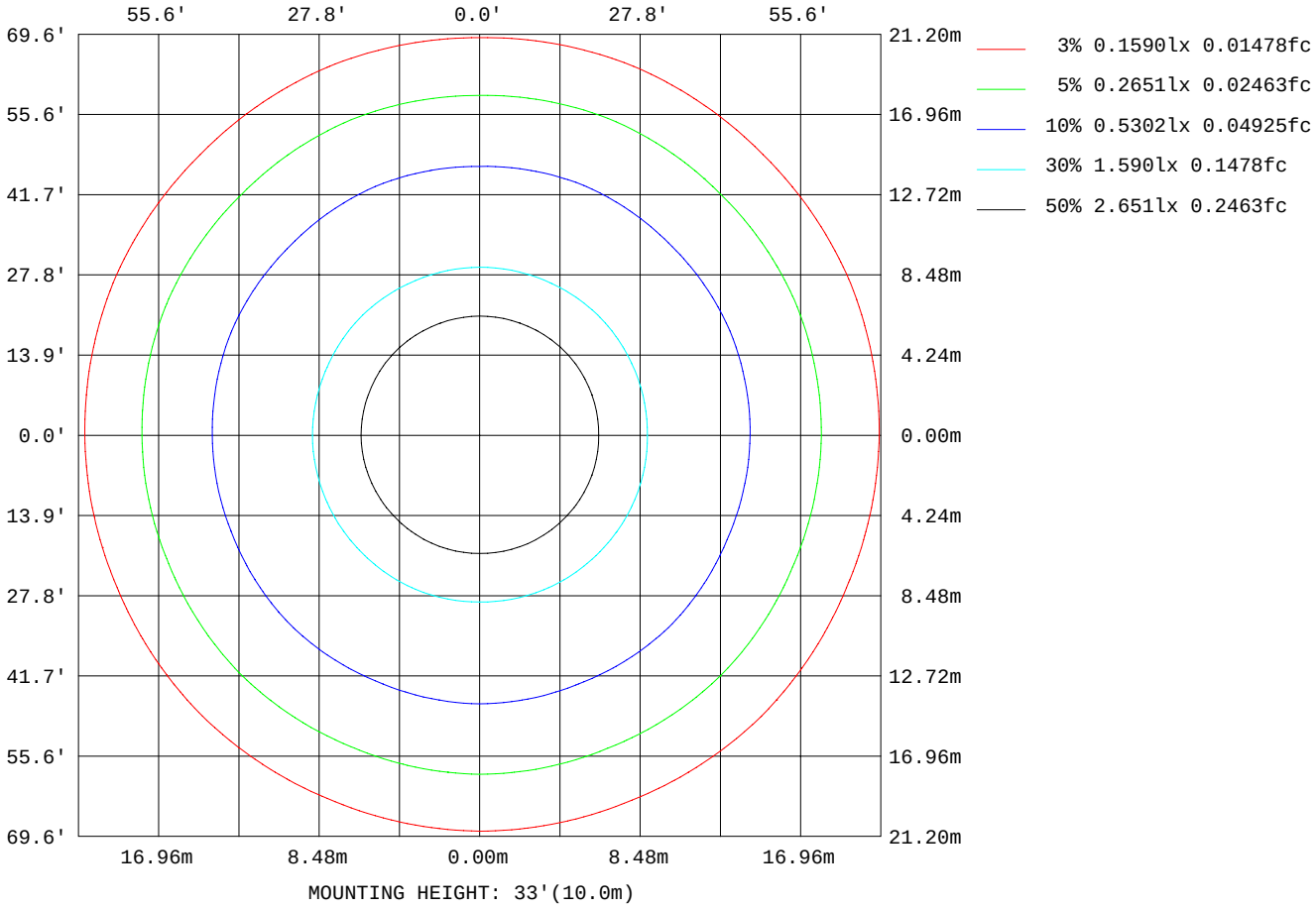
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:

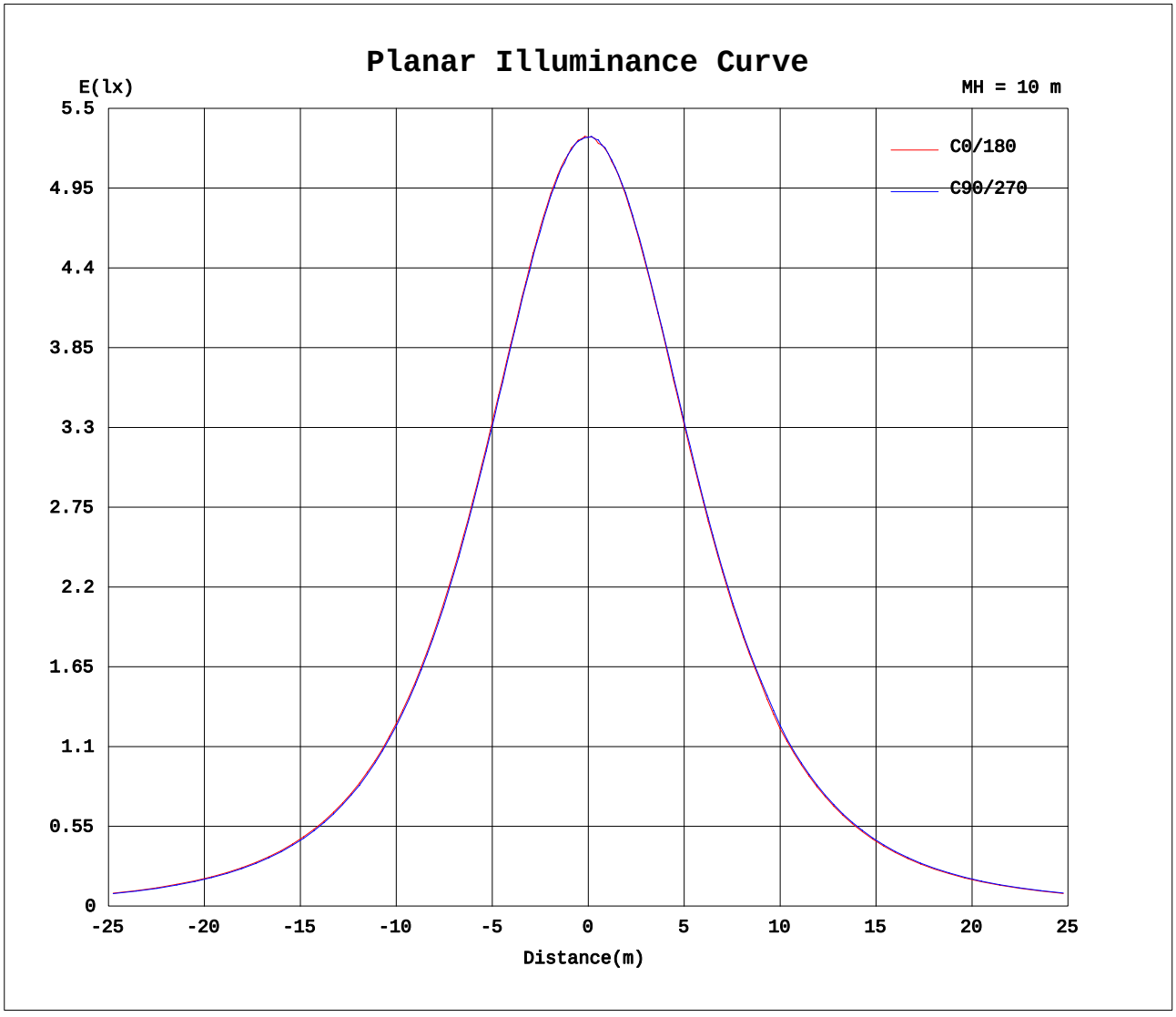
AvgL	cd/m2
L_0~180(65)av	18644
L_0~180(75)av	17519
L_0~180(85)av	21051
L_90~270(65)av	18557
L_90~270(75)av	17463
L_90~270(85)av	20946
L_45(65)av	18571
L_45(75)av	17475
L_45(85)av	20986

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-10-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

Planar Illuminance Curve



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Temperature:25.3DEG
Operators:
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.400m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1570A P:17.30W PF:0.9210 Freq:60.00Hz Lamp Flux:1593.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:4000K
MFR.: ASL Lighting	SUR.:	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(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	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530			
5	529	528	528	527	528	528	527	527	528	528	528	528	529	529	528	528			
10	521	521	520	520	519	521	519	519	521	520	521	520	521	523	522	522			
15	510	510	509	508	508	508	506	507	509	508	509	509	511	510	511	510			
20	493	493	492	492	491	492	489	491	492	492	493	493	494	494	495	495			
25	474	473	471	471	471	470	468	469	471	471	472	472	474	474	474	474			
30	449	449	447	447	446	446	444	445	447	446	448	448	450	450	451	451			
35	421	421	419	419	417	417	416	416	419	418	420	420	422	422	423	423			
40	390	390	388	388	386	386	384	385	387	387	389	389	391	391	392	392			
45	357	350	354	347	352	345	350	344	346	352	348	355	353	357	354	358			
50	320	314	318	311	314	309	313	308	311	316	312	318	315	321	317	322			
55	281	276	279	273	276	271	274	270	273	277	275	280	277	283	279	284			
60	241	237	239	234	236	231	233	230	233	237	235	240	238	242	240	244			
65	200	196	197	193	193	190	191	189	192	195	194	198	197	201	199	202			
70	155	155	152	152	149	149	147	148	151	150	153	153	156	156	158	157			
75	115	115	112	112	109	109	107	108	111	111	113	113	115	115	117	117			
80	77.8	78.0	75.8	75.6	73.3	73.3	71.4	72.4	74.5	74.1	76.1	76.0	78.2	78.2	80.1	79.6			
85	46.7	47.2	45.4	45.6	43.7	43.8	42.3	43.2	44.6	44.2	45.7	45.3	47.1	47.0	48.6	48.1			
90	24.1	24.5	23.6	23.8	22.6	22.7	21.8	22.2	23.1	22.6	23.7	23.3	24.4	24.3	25.4	25.0			
95	10.6	10.8	10.3	10.5	10.1	10.2	9.73	9.96	10.3	9.89	10.4	10.2	10.9	10.7	11.2	11.0			
100	4.42	4.54	4.47	4.54	4.36	4.50	4.34	4.51	4.50	4.26	4.35	4.32	4.63	4.53	4.65	4.52			
105	2.59	2.68	2.85	2.85	2.78	2.80	2.83	3.07	2.85	2.79	2.59	2.57	2.75	2.86	2.61	2.54			
110	2.64	2.89	3.22	3.25	2.98	2.99	3.07	3.26	3.05	2.88	2.59	2.51	2.95	3.21	2.79	2.46			
115	3.00	3.36	3.76	3.84	3.46	3.45	3.63	3.76	3.58	3.25	2.90	2.78	3.55	3.80	3.47	2.85			
120	3.52	3.86	4.43	4.45	3.93	3.88	4.03	4.35	4.13	3.69	3.21	3.15	3.76	4.42	4.09	3.31			
125	4.03	4.34	5.02	5.06	4.52	4.47	4.57	5.03	4.60	4.27	3.77	3.73	4.27	5.06	4.43	3.78			
130	4.56	4.94	6.18	6.01	5.14	5.45	5.18	5.73	5.30	4.96	4.38	4.20	4.96	6.06	4.71	4.05			
135	5.06	6.04	6.24	6.16	5.76	5.58	6.33	6.28	5.89	5.61	4.96	4.84	5.00	5.42	5.15	4.53			
140	6.62	6.29	6.70	6.57	6.25	5.97	6.31	8.52	6.37	6.20	5.46	5.29	4.94	5.72	6.81	5.62			
145	6.22	6.68	7.51	6.89	6.45	6.31	7.01	7.23	7.58	6.37	5.92	5.69	5.16	6.13	6.02	5.85			
150	6.33	7.00	7.28	7.01	6.78	7.57	7.19	7.48	7.93	6.57	6.41	6.17	5.56	6.30	6.40	5.57			
155	7.59	7.01	7.44	7.54	6.81	6.86	6.92	7.48	6.77	6.69	6.79	6.62	6.10	5.71	6.10	5.84			
160	6.84	6.95	6.94	6.84	7.11	7.67	7.50	6.61	7.81	6.54	7.12	7.03	7.09	5.80	5.81	6.12			
165	7.44	6.83	6.77	7.00	8.17	7.57	7.03	6.77	6.82	6.43	6.79	7.16	6.88	6.26	5.87	6.30			
170	6.94	6.30	6.94	7.18	7.25	7.21	7.21	7.11	6.90	6.50	6.73	6.59	6.76	7.57	6.38	6.32			
175	6.17	6.29	7.06	7.25	7.31	6.95	6.76	6.88	7.03	6.64	6.66	6.62	6.63	6.98	6.71	6.66			
180	7.03	7.02	7.02	7.08	7.17	6.60	6.96	6.92	7.01	7.00	7.01	7.09	7.20	6.63	6.96	6.88			

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