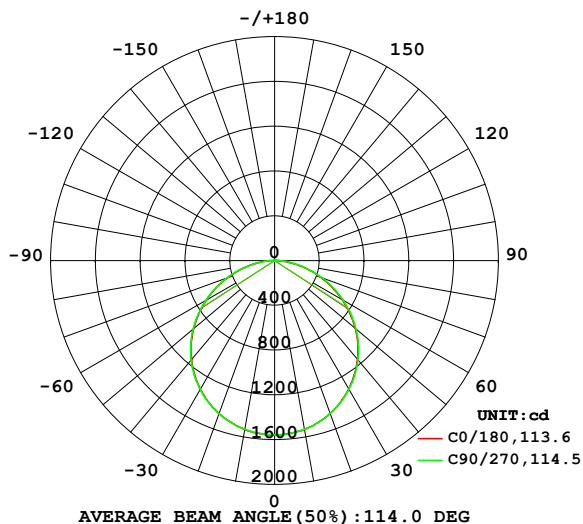


LUMINAIRE PHOTOMETRIC TEST REPORT

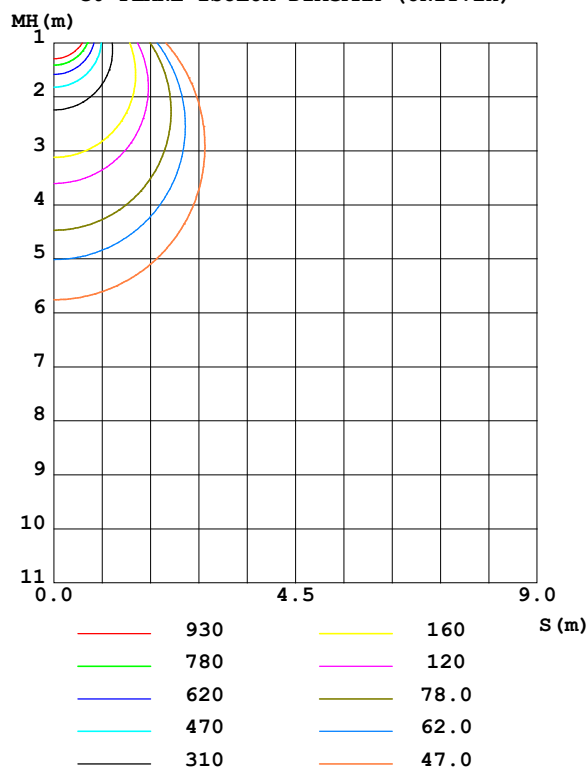
Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 0.553*0.553	shielding angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.40 lm/W			
MODEL	ASD-BSP-22A40	I _{max} (cd)	1559	S/MH(C0/180)	1.26
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4580.1	η UP,DN(C0-180)	0.3,49.7
NOMINAL FLUX(lm)	4580.13	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,49.7
LAMPS INSIDE	1	η up (%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down (%)	99.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [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	1531	1531	1531	1529	1532	1532	1531	1529	0- 10	147.4	147.4	3.22,3.22
20	1452	1453	1453	1451	1454	1454	1454	1452	10- 20	422.9	570.3	12.5,12.5
30	1326	1326	1329	1326	1327	1329	1330	1326	20- 30	643.4	1214	26.5,26.5
40	1152	1156	1158	1155	1156	1158	1160	1155	30- 40	780.0	1994	43.5,43.5
50	940.1	944.6	949.5	945.6	943.8	948.5	951.0	945.0	40- 50	814.0	2808	61.3,61.3
60	697.0	703.0	707.4	703.7	701.6	706.9	709.8	703.2	50- 60	739.9	3548	77.5,77.5
70	438.6	443.0	449.5	445.1	444.3	448.4	452.3	444.7	60- 70	569.5	4117	89.9,89.9
80	190.6	192.4	199.6	195.5	196.7	197.8	202.0	194.3	70- 80	336.5	4454	97.2,97.2
90	5.408	6.233	6.054	7.642	7.227	7.686	6.325	6.933	80- 90	97.83	4552	99.4,99.4
100	2.289	2.299	2.305	2.294	2.584	2.627	2.620	2.610	90-100	2.582	4554	99.4,99.4
110	3.204	3.188	3.222	3.182	3.545	3.587	3.596	3.568	100-110	3.080	4557	99.5,99.5
120	4.117	4.049	4.149	4.043	4.475	4.494	4.521	4.479	110-120	3.805	4561	99.6,99.6
130	5.014	4.950	5.025	4.945	5.407	5.402	5.430	5.418	120-130	4.243	4565	99.7,99.7
140	5.839	5.833	5.858	5.817	6.257	6.300	6.317	6.269	130-140	4.363	4570	99.8,99.8
150	6.767	6.746	6.778	6.720	7.078	7.123	7.151	7.061	140-150	4.067	4574	99.9,99.9
160	7.618	7.534	7.597	7.493	7.750	7.750	7.771	7.745	150-160	3.364	4577	99.9,99.9
170	8.276	8.182	8.297	8.141	8.287	8.235	8.303	8.230	160-170	2.241	4579	100,100
180	8.532	8.496	8.543	8.480	8.522	8.506	8.548	8.470	170-180	0.7953	4580	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2403.3 lm

%lum = 52.5%

%lamp = 52.5%

Conical surface Flux(120deg): 3547.7 lm

%lum = 77.5%

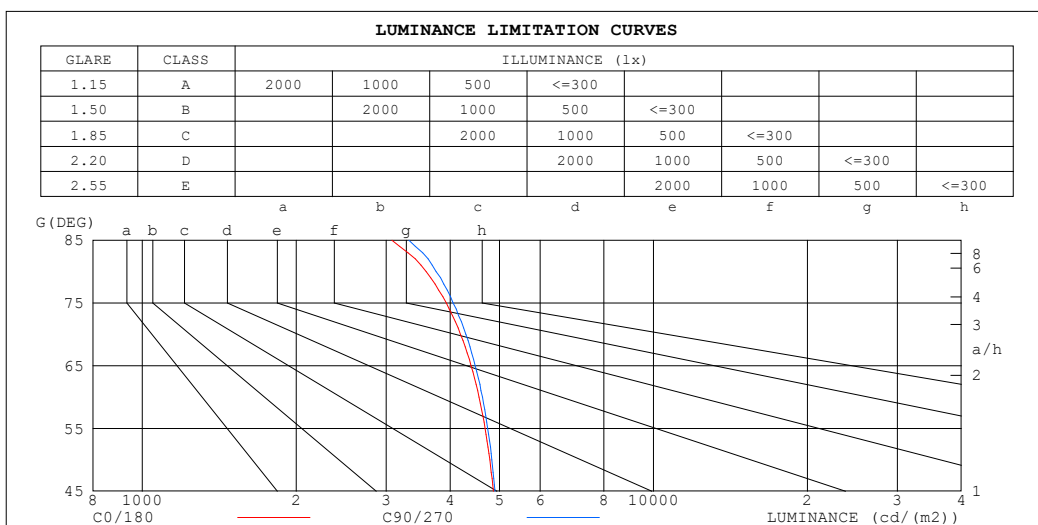
%lamp = 77.5%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 0.553*0.553	shielding angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3078	3322
80	3589	3758
75	3931	4057
70	4194	4298
65	4398	4481
60	4559	4627
55	4684	4741
50	4783	4830
45	4860	4896

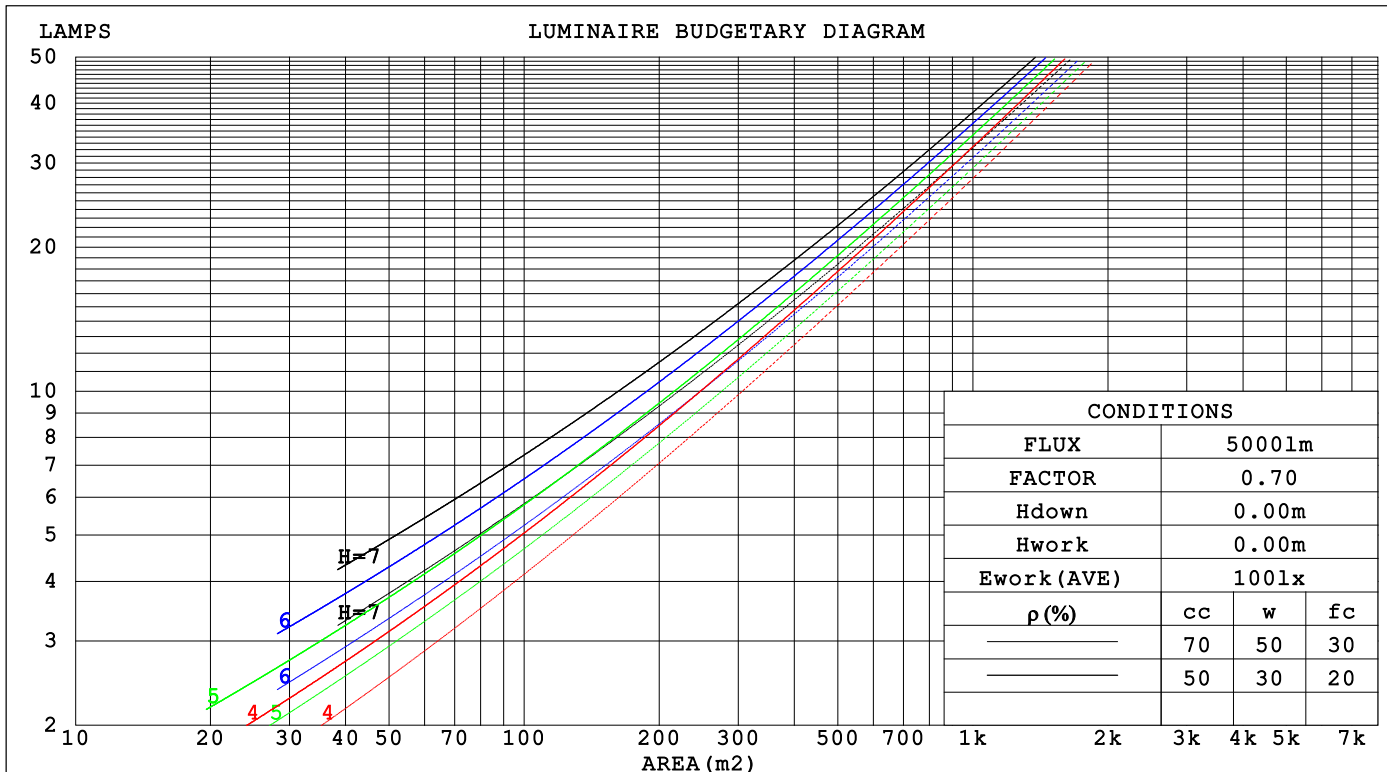
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: MA NENG
Test Date: 2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.440m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40			Type: 40W			Weight:		
SPEC.: 5000K			DIM.:			Instrument No.: HUP-IES1-LAB		
MFR.: ASD Lighting Corp			SUR.: 0.553*0.553			shielding angle:		

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.94	.97	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.71	.66	.61	.69	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.36	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 0.553*0.553	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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.315	.179	.057	.308	.176	.056	.294	.169	.054	.282	.162	.052	.270	.156	.050	
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.255	.144	.046	
3.0	.273	.145	.043	.267	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.251	.131	.038	.246	.129	.038	.237	.125	.037	.228	.122	.037	.220	.119	.036	
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.187	.091	.026	.183	.090	.026	.177	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021	

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						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.185	.161	.139	.159	.138	.119	.109	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.178	.137	.102	.152	.118	.089	.104	.081	.062	.060	.047	.036	.019	.015	.012	
3.0	.170	.119	.079	.146	.103	.068	.100	.071	.048	.058	.042	.028	.019	.014	.009	
4.0	.162	.106	.063	.139	.092	.055	.096	.064	.038	.055	.037	.023	.018	.012	.007	
5.0	.155	.096	.052	.133	.083	.045	.092	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.148	.087	.044	.127	.076	.038	.088	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.141	.080	.038	.121	.070	.033	.084	.049	.023	.049	.029	.014	.016	.009	.005	
8.0	.134	.075	.034	.116	.065	.029	.080	.045	.021	.047	.027	.012	.015	.009	.004	
9.0	.128	.070	.030	.110	.060	.026	.076	.042	.019	.045	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.105	.057	.024	.073	.040	.017	.043	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm										
NameAA: ASD-BSP-22A40					Type: 40W			Weight:		
SPEC.: 5000K					DIM.:			Instrument No.: HUP-IES1-LAB		
MFR.: ASD Lighting Corp					SUR.: 0.553*0.553			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	18.2	19.7	18.5	20.0	20.2	18.3	19.8	18.6	20.0	20.2
3H	19.8	21.2	20.1	21.4	21.7	19.9	21.3	20.2	21.5	21.8
4H	20.4	21.7	20.7	22.0	22.3	20.5	21.8	20.8	22.1	22.4
6H	20.8	22.1	21.2	22.4	22.7	21.0	22.2	21.3	22.5	22.8
8H	21.0	22.2	21.3	22.5	22.8	21.1	22.4	21.5	22.6	23.0
12H	21.1	22.2	21.4	22.6	22.9	21.2	22.4	21.6	22.7	23.0
4H 2H	18.8	20.2	19.2	20.4	20.7	18.9	20.2	19.2	20.5	20.8
3H	20.6	21.7	20.9	22.1	22.4	20.6	21.8	21.0	22.1	22.5
4H	21.3	22.4	21.7	22.7	23.1	21.4	22.5	21.8	22.8	23.2
6H	21.9	22.9	22.3	23.2	23.6	22.0	23.0	22.4	23.4	23.7
8H	22.1	23.0	22.5	23.4	23.8	22.3	23.1	22.7	23.5	23.9
12H	22.2	23.1	22.7	23.5	23.9	22.4	23.2	22.8	23.6	24.0
8H 4H	21.6	22.5	22.0	22.9	23.3	21.7	22.6	22.1	23.0	23.4
6H	22.3	23.1	22.8	23.5	23.9	22.5	23.2	22.9	23.6	24.1
8H	22.6	23.3	23.1	23.7	24.2	22.8	23.4	23.2	23.9	24.3
12H	22.9	23.4	23.3	23.9	24.4	23.0	23.6	23.5	24.0	24.5
12H 4H	21.6	22.4	22.1	22.8	23.3	21.7	22.5	22.1	22.9	23.3
6H	22.4	23.1	22.9	23.5	24.0	22.5	23.2	23.0	23.6	24.1
8H	22.7	23.3	23.2	23.8	24.3	22.9	23.4	23.4	23.9	24.4
Variations with the observer position at spacings(CIE Pub.117):										
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, 4580 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 5.3$)
Area: 0.3058 m²

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 0.553*0.553	shielding angle:

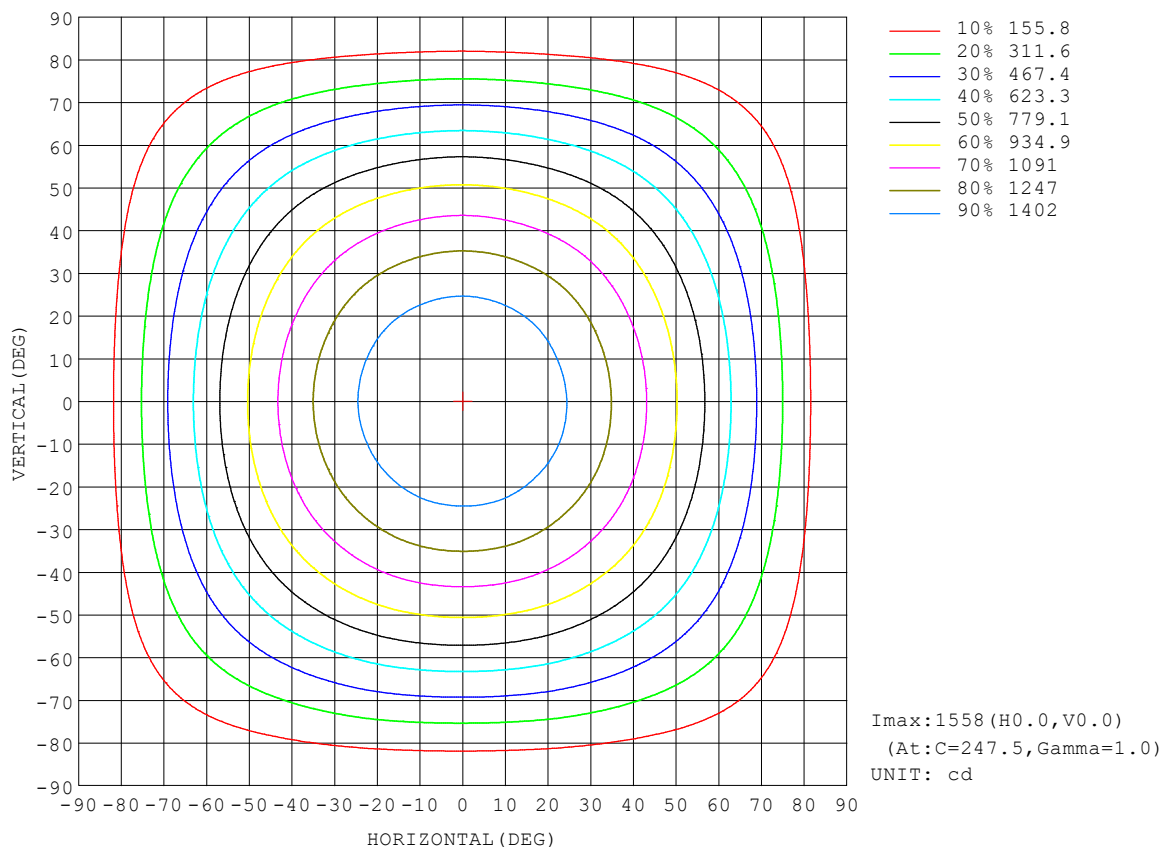
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
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: 25.3°C
Operators: MA NENG
Test Date: 2026-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.440m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 0.553*0.553	shielding angle:

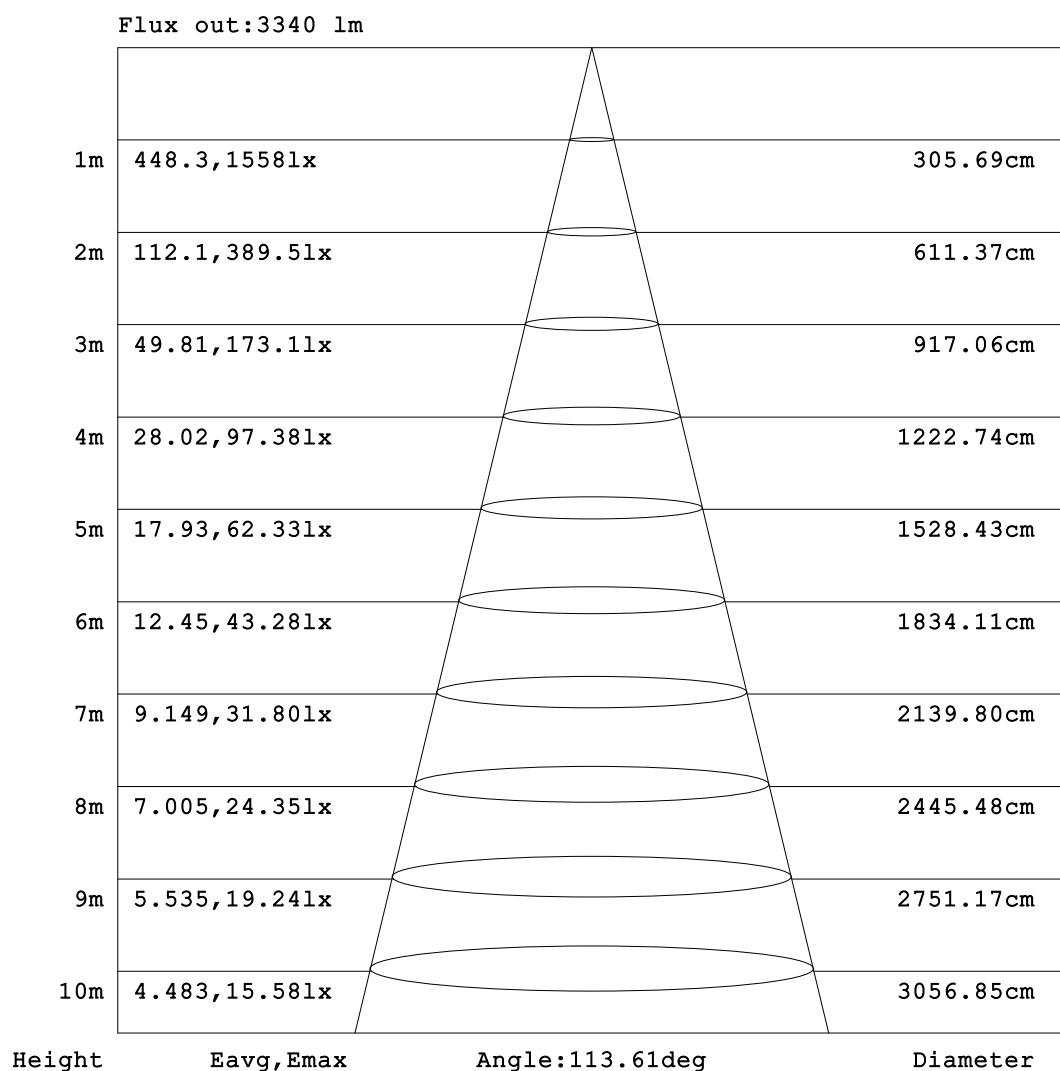


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 0.553*0.553	shielding angle:



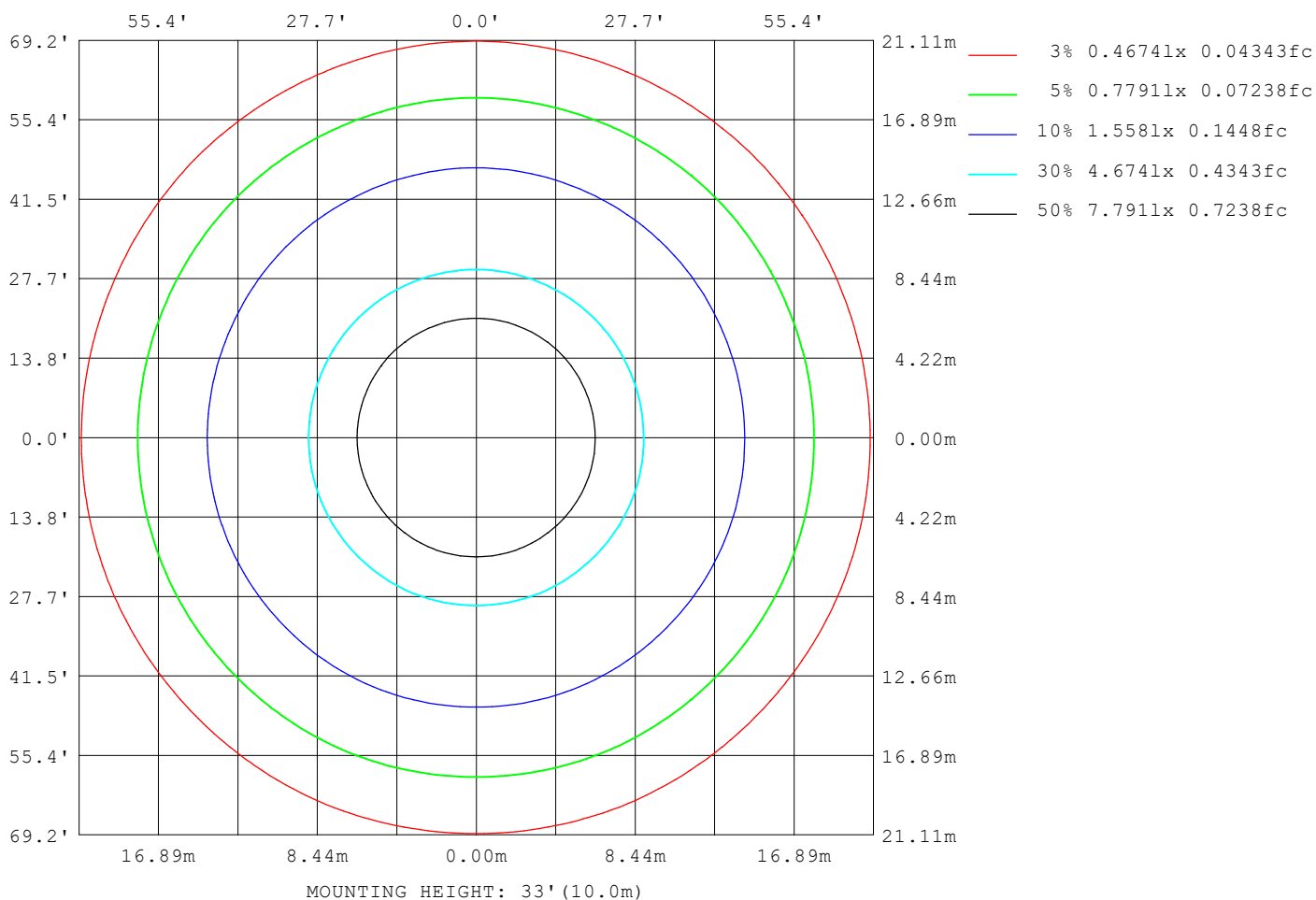
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 0.553*0.553	shielding angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: MA NENG
 Test Date: 2026-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 8.440m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 0.553*0.553	shielding angle:

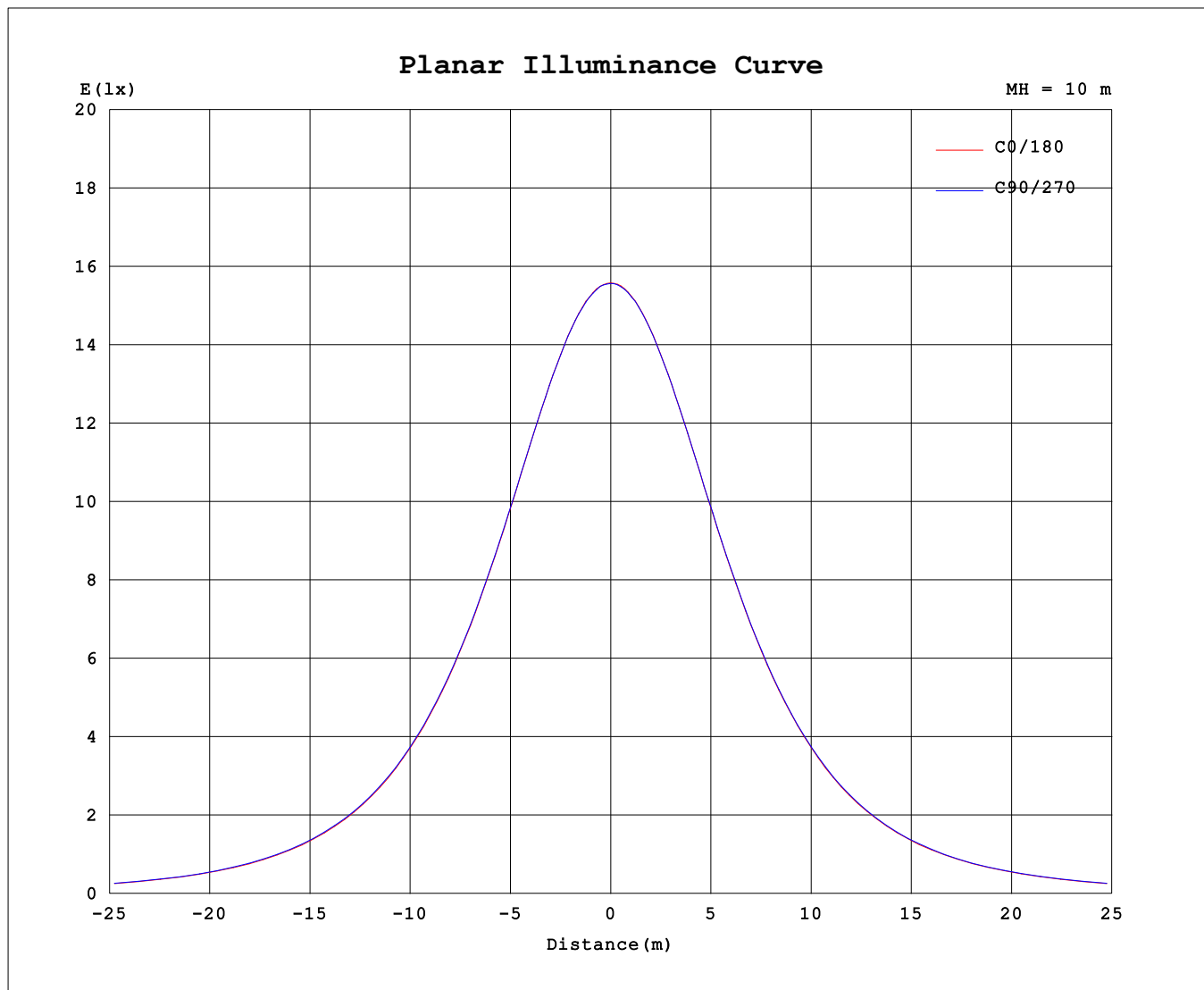
AvgL	cd/m2
L_0~180 (65) av	4422
L_0~180 (75) av	3974
L_0~180 (85) av	3190
L_90~270 (65) av	4491
L_90~270 (75) av	4081
L_90~270 (85) av	3349
L_45 (65) av	4454
L_45 (75) av	4010
L_45 (85) av	3148

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2026-01-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: MA NENG
 Test Date: 2026-01-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 8.440m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.23V I:0.3284A P:39.347W PF:0.9965 Freq:60.04Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:4580.13x1 lm		
NameAA: ASD-BSP-22A40			Type: 40W			Weight:		
SPEC.: 5000K			DIM.:			Instrument No.: HUP-IES1-LAB		
MFR.: ASD Lighting Corp			SUR.: 0.553*0.553			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	1558	1558	1558	1557	1556	1556	1555	1555	1558	1558	1558	1557	1556	1556	1555	1555			
5	1551	1553	1550	1551	1550	1549	1549	1549	1552	1552	1552	1550	1550	1549	1549	1548			
10	1531	1532	1531	1532	1531	1531	1529	1530	1532	1531	1532	1531	1531	1530	1529	1528			
15	1498	1500	1498	1500	1498	1498	1497	1497	1499	1500	1499	1498	1499	1497	1497	1495			
20	1452	1454	1453	1454	1453	1454	1451	1452	1454	1453	1454	1454	1454	1452	1452	1450			
25	1395	1398	1396	1398	1397	1396	1395	1395	1397	1396	1398	1397	1398	1395	1395	1392			
30	1326	1327	1326	1330	1329	1329	1326	1326	1327	1326	1329	1329	1330	1327	1326	1322			
35	1243	1248	1246	1250	1249	1249	1246	1245	1247	1245	1248	1248	1250	1247	1246	1241			
40	1152	1155	1156	1160	1158	1160	1155	1155	1156	1154	1158	1158	1160	1156	1155	1150			
45	1051	1055	1055	1060	1059	1059	1055	1054	1055	1053	1058	1057	1060	1056	1054	1049			
50	940	944	945	951	949	951	946	945	944	943	948	949	951	946	945	939			
55	821	826	828	833	832	833	828	827	827	824	831	831	834	829	828	821			
60	697	701	703	709	707	710	704	703	702	701	707	707	710	705	703	696			
65	568	573	574	581	579	582	575	575	574	572	579	579	582	577	575	568			
70	439	443	443	451	450	452	445	446	444	443	448	449	452	447	445	438			
75	311	315	315	323	321	324	317	320	318	315	321	321	325	319	316	311			
80	191	193	192	199	200	201	196	197	197	195	198	198	202	196	194	190			
85	82.0	83.0	81.5	87.4	88.5	88.9	84.8	87.5	88.0	84.5	86.4	85.9	90.0	84.0	82.9	80.2			
90	5.41	6.46	6.23	6.94	6.05	8.17	7.64	8.53	7.23	6.79	7.69	6.35	6.33	6.34	6.93	5.83			
95	1.86	1.91	1.89	1.91	1.87	1.91	1.89	1.91	2.12	2.13	2.20	2.15	2.16	2.17	2.19	2.15			
100	2.29	2.32	2.30	2.33	2.30	2.32	2.29	2.31	2.58	2.57	2.63	2.60	2.62	2.61	2.61	2.59			
105	2.74	2.76	2.74	2.77	2.77	2.76	2.74	2.75	3.05	3.04	3.10	3.08	3.10	3.09	3.08	3.07			
110	3.20	3.20	3.19	3.23	3.22	3.21	3.18	3.19	3.54	3.52	3.59	3.57	3.60	3.56	3.57	3.55			
115	3.65	3.65	3.63	3.66	3.68	3.65	3.63	3.62	4.03	3.98	4.06	4.03	4.09	4.03	4.03	4.02			
120	4.12	4.09	4.05	4.09	4.15	4.10	4.04	4.08	4.48	4.45	4.49	4.48	4.52	4.51	4.48	4.46			
125	4.55	4.55	4.47	4.53	4.58	4.55	4.48	4.49	4.93	4.91	4.94	4.95	4.97	4.96	4.94	4.94			
130	5.01	5.02	4.95	4.98	5.02	5.02	4.94	4.94	5.41	5.37	5.40	5.44	5.43	5.41	5.42	5.43			
135	5.45	5.49	5.42	5.45	5.46	5.49	5.41	5.40	5.85	5.81	5.87	5.92	5.87	5.85	5.86	5.90			
140	5.84	5.90	5.83	5.87	5.86	5.89	5.82	5.83	6.26	6.21	6.30	6.33	6.32	6.25	6.27	6.30			
145	6.27	6.34	6.26	6.30	6.28	6.32	6.24	6.26	6.69	6.62	6.73	6.73	6.77	6.66	6.68	6.70			
150	6.77	6.80	6.75	6.78	6.78	6.81	6.72	6.74	7.08	6.99	7.12	7.09	7.15	7.02	7.06	7.07			
155	7.21	7.21	7.18	7.19	7.20	7.20	7.13	7.14	7.41	7.31	7.45	7.43	7.45	7.34	7.41	7.40			
160	7.62	7.58	7.53	7.54	7.60	7.54	7.49	7.51	7.75	7.66	7.75	7.76	7.77	7.68	7.74	7.74			
165	7.98	7.91	7.90	7.90	7.97	7.88	7.85	7.87	8.02	7.92	8.00	7.95	8.04	7.94	7.98	7.98			
170	8.28	8.17	8.18	8.17	8.30	8.14	8.14	8.15	8.29	8.17	8.24	8.21	8.30	8.18	8.23	8.19			
175	8.46	8.32	8.39	8.33	8.45	8.30	8.34	8.32	8.49	8.36	8.44	8.39	8.52	8.37	8.43	8.35			
180	8.53	8.43	8.50	8.42	8.54	8.41	8.48	8.41	8.52	8.42	8.51	8.45	8.55	8.42	8.47	8.41			

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