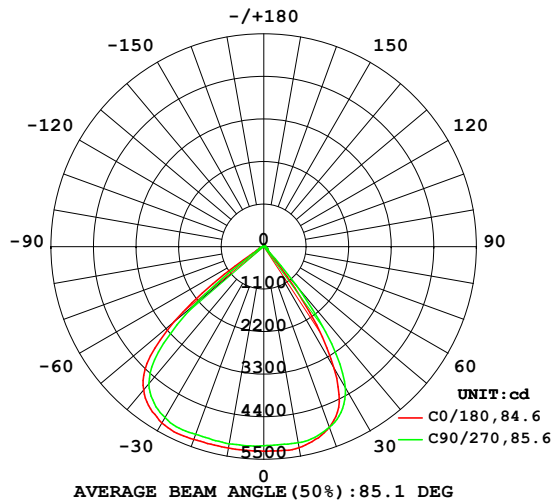


LUMINAIRE PHOTOMETRIC TEST REPORT

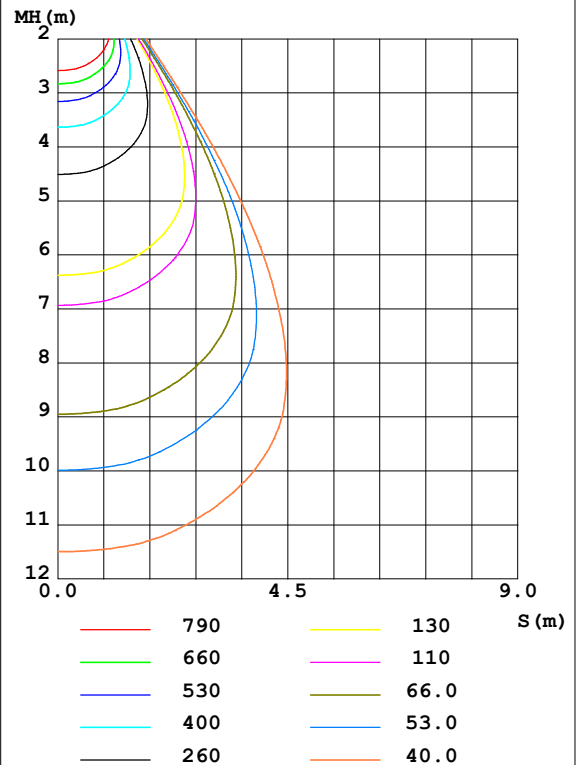
Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.:	SERIAL No.:1
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.14lm/W			
MODEL	ASD-UHS-MV-100N50-5CP-BK	I _{max} (cd)	5331	S/MH(C0/180)	1.47
NOMINAL POWER(W)	100W	LOR(%)	91.2	S/MH(C90/270)	1.44
RATED VOLTAGE(V)	120V	TOTAL FLUX(lm)	12014	η UP,DN(C0-180)	0.4,33.3
NOMINAL FLUX(lm)	12014	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,57.2
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	η down(%)	90.5	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-02-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

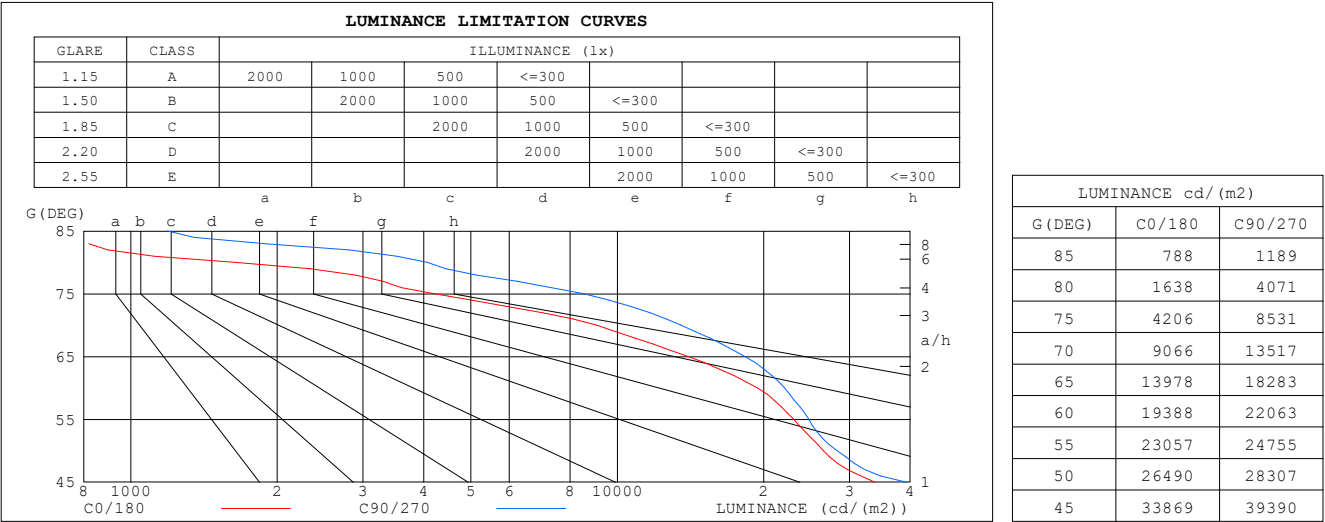
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5282	5225	5148	5144	5286	5304	5174	5144	0- 10	497.6	497.6	5.45,4.98
20	4970	4768	4967	5157	5304	5311	5164	5137	10- 20	1463	1960	21.5,19.6
30	3653	2687	4221	4884	5263	5319	5106	4806	20- 30	2247	4207	46.1,42.1
40	473.3	213.3	1317	3731	4837	5166	4619	3234	30- 40	2349	6556	71.9,65.6
50	136.2	112.4	145.6	521.4	3024	4347	2333	258.5	40- 50	1651	8207	90,82.1
60	77.55	55.14	88.25	128.3	251.3	1163	175.5	117.5	50- 60	649.5	8856	97.1,88.6
70	24.81	11.50	36.98	76.11	124.8	156.3	103.4	62.23	60- 70	120.4	8977	98.4,89.8
80	2.276	0.5899	5.656	27.54	66.81	91.81	48.09	16.02	70- 80	54.28	9031	99,90.3
90	0.4068	0.4804	0.2998	2.503	19.59	35.34	9.128	0.7789	80- 90	20.45	9052	99.2,90.5
100	0.7121	1.090	0.5199	0.3446	1.281	5.007	0.3617	0.4866	90-100	4.170	9056	99.3,90.6
110	2.873	5.528	1.614	0.6217	0.5206	0.4073	0.5603	1.400	100-110	1.155	9057	99.3,90.6
120	9.959	14.33	7.359	2.574	1.365	0.7700	2.074	6.301	110-120	3.364	9060	99.3,90.6
130	18.87	24.03	16.02	9.546	6.060	3.570	8.131	15.22	120-130	7.967	9068	99.4,90.7
140	27.53	31.98	25.43	18.32	15.23	11.40	17.52	24.51	130-140	13.18	9081	99.5,90.8
150	31.00	33.21	30.58	26.82	24.59	21.19	26.57	31.34	140-150	15.75	9097	99.7,91
160	32.39	33.28	31.73	30.27	29.55	28.42	30.82	31.95	150-160	13.76	9111	99.9,91.1
170	35.11	35.46	34.17	33.98	34.42	33.68	34.40	34.31	160-170	9.184	9120	100,91.2
180	38.22	38.26	37.35	37.38	38.30	38.38	38.05	37.16	170-180	3.417	9124	100,91.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-02-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:9.100m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.:	SERIAL No.:1
MFR.: ASDLightingcorp	SUR.:	Shielding Angle:0



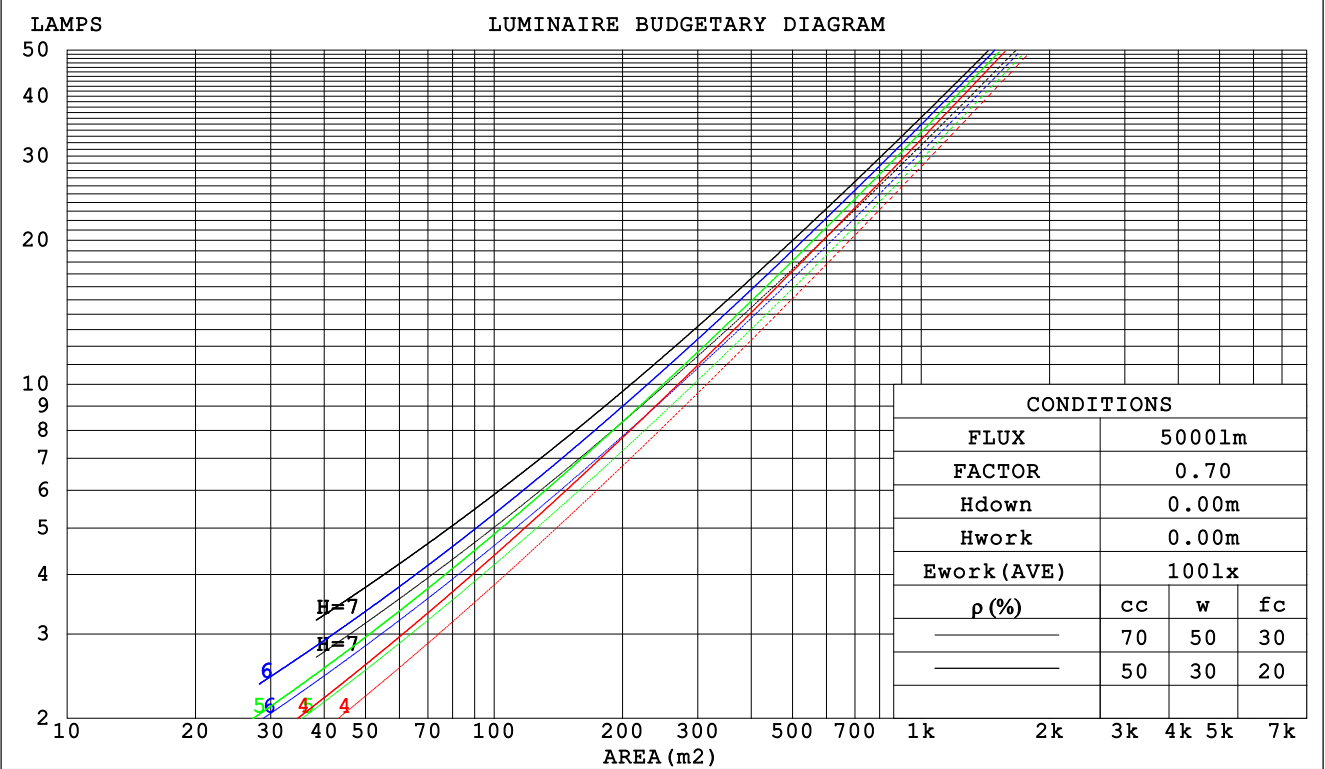
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-02-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.: 10inch	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:0

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	1.08	1.08	1.08	1.06	1.06	1.06	1.01	1.01	1.01	.97	.97	.97	.92	.92	.92	.91	
1.0	.99	.96	.94	.97	.95	.92	.93	.91	.89	.90	.88	.87	.86	.85	.84	.82	
2.0	.90	.86	.82	.89	.84	.81	.85	.82	.79	.82	.80	.77	.80	.78	.76	.74	
3.0	.82	.77	.72	.81	.76	.72	.78	.74	.70	.76	.72	.69	.74	.71	.68	.66	
4.0	.75	.69	.64	.74	.68	.64	.72	.67	.63	.70	.65	.62	.68	.64	.61	.60	
5.0	.69	.62	.57	.68	.62	.57	.66	.61	.56	.64	.60	.56	.63	.59	.55	.54	
6.0	.63	.56	.52	.62	.56	.51	.61	.55	.51	.59	.54	.51	.58	.54	.50	.49	
7.0	.58	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44	
8.0	.54	.47	.43	.53	.47	.43	.52	.46	.42	.51	.46	.42	.50	.45	.42	.40	
9.0	.50	.43	.39	.49	.43	.39	.48	.43	.39	.47	.42	.39	.46	.42	.38	.37	
10.0	.46	.40	.36	.46	.40	.36	.45	.39	.36	.44	.39	.35	.43	.39	.35	.34	



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-02-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.: 10inch	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:0

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	.196	.111	.035	.189	.108	.034	.177	.102	.032	.166	.096	.031	.156	.090	.029	
2.0	.190	.104	.032	.185	.102	.031	.174	.097	.030	.165	.092	.029	.156	.088	.028	
3.0	.182	.097	.029	.178	.095	.029	.169	.091	.028	.160	.088	.027	.152	.084	.026	
4.0	.174	.090	.027	.170	.089	.026	.162	.086	.026	.154	.083	.025	.147	.080	.024	
5.0	.165	.084	.024	.162	.083	.024	.155	.080	.024	.148	.078	.023	.142	.076	.023	
6.0	.157	.079	.023	.154	.078	.022	.148	.076	.022	.142	.074	.022	.136	.072	.021	
7.0	.149	.074	.021	.146	.073	.021	.141	.071	.021	.136	.070	.020	.131	.068	.020	
8.0	.142	.069	.020	.139	.069	.019	.134	.067	.019	.130	.066	.019	.125	.064	.019	
9.0	.135	.065	.018	.133	.065	.018	.128	.063	.018	.124	.062	.018	.120	.061	.018	
10.0	.129	.062	.017	.127	.061	.017	.123	.060	.017	.119	.059	.017	.115	.058	.017	

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	.179	.179	.179	.153	.153	.153	.105	.105	.105	.060	.060	.060	.019	.019	.019	
1.0	.164	.149	.135	.140	.128	.116	.096	.088	.080	.055	.051	.047	.018	.016	.015	
2.0	.153	.126	.104	.131	.109	.090	.090	.075	.063	.052	.044	.037	.017	.014	.012	
3.0	.143	.109	.082	.123	.094	.071	.084	.066	.050	.049	.038	.030	.016	.012	.010	
4.0	.136	.097	.067	.116	.083	.058	.080	.058	.041	.046	.034	.024	.015	.011	.008	
5.0	.129	.087	.055	.111	.075	.048	.076	.052	.034	.044	.031	.020	.014	.010	.007	
6.0	.123	.078	.047	.105	.068	.041	.073	.048	.029	.042	.028	.017	.014	.009	.006	
7.0	.117	.072	.040	.101	.062	.035	.070	.044	.025	.040	.026	.015	.013	.008	.005	
8.0	.112	.067	.035	.096	.058	.031	.067	.041	.022	.039	.024	.013	.013	.008	.004	
9.0	.107	.062	.031	.093	.054	.027	.064	.038	.019	.037	.022	.012	.012	.007	.004	
10.0	.103	.058	.028	.089	.051	.025	.062	.036	.018	.036	.021	.010	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-02-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:9.100m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm										
NAME: ASD-UHS-MV-100N50-5CP-BK-6P					TYPE:			WEIGHT:1		
SPEC.:100W 120V					DIM.: 10inch			SERIAL No.:1		
MFR.: EVERFINE					SUR.:			Shielding Angle:0		
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	12.1	13.3	12.4	13.5	13.7	13.6	14.7	13.8	14.9	15.1
3H	12.0	13.1	12.3	13.3	13.6	13.5	14.5	13.7	14.8	15.0
4H	11.9	12.9	12.2	13.2	13.4	13.4	14.4	13.7	14.6	14.9
6H	11.8	12.8	12.2	13.1	13.3	13.3	14.2	13.6	14.5	14.8
8H	11.8	12.7	12.1	13.0	13.3	13.2	14.2	13.6	14.4	14.7
12H	11.7	12.6	12.1	12.9	13.2	13.2	14.1	13.5	14.4	14.7
4H 2H	11.9	12.9	12.2	13.2	13.4	13.3	14.3	13.6	14.6	14.8
3H	11.8	12.7	12.1	13.0	13.3	13.2	14.1	13.6	14.4	14.7
4H	11.7	12.5	12.1	12.8	13.1	13.1	13.9	13.5	14.2	14.6
6H	11.6	12.3	12.0	12.7	13.0	13.1	13.7	13.5	14.1	14.5
8H	11.6	12.2	12.0	12.6	13.0	13.0	13.6	13.4	14.0	14.4
12H	11.5	12.1	11.9	12.5	12.9	13.0	13.5	13.4	13.9	14.3
8H 4H	11.6	12.2	12.0	12.6	13.0	13.0	13.6	13.4	14.0	14.4
6H	11.5	12.0	11.9	12.4	12.8	12.9	13.4	13.4	13.8	14.3
8H	11.4	11.9	11.9	12.3	12.8	12.9	13.3	13.3	13.8	14.2
12H	11.4	11.8	11.9	12.2	12.7	12.8	13.2	13.3	13.7	14.2
12H 4H	11.5	12.1	11.9	12.5	12.9	13.0	13.5	13.4	13.9	14.3
6H	11.4	11.9	11.9	12.3	12.8	12.9	13.3	13.3	13.8	14.2
8H	11.4	11.8	11.9	12.2	12.7	12.8	13.2	13.3	13.7	14.2
Variations with the observer position at spacings:										
S = 1.0H	+ 5.7 / - 5.0					+ 6.2 / - 7.5				
1.5H	+ 8.1 / - 4.6					+ 8.8 / - 7.2				
2.0H	+ 2.4 / - 2.9					+ 3.0 / - 2.8				

CIE Pub.117, 10000 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 8.0$)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-02-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:9.100m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.: 10inch	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:0

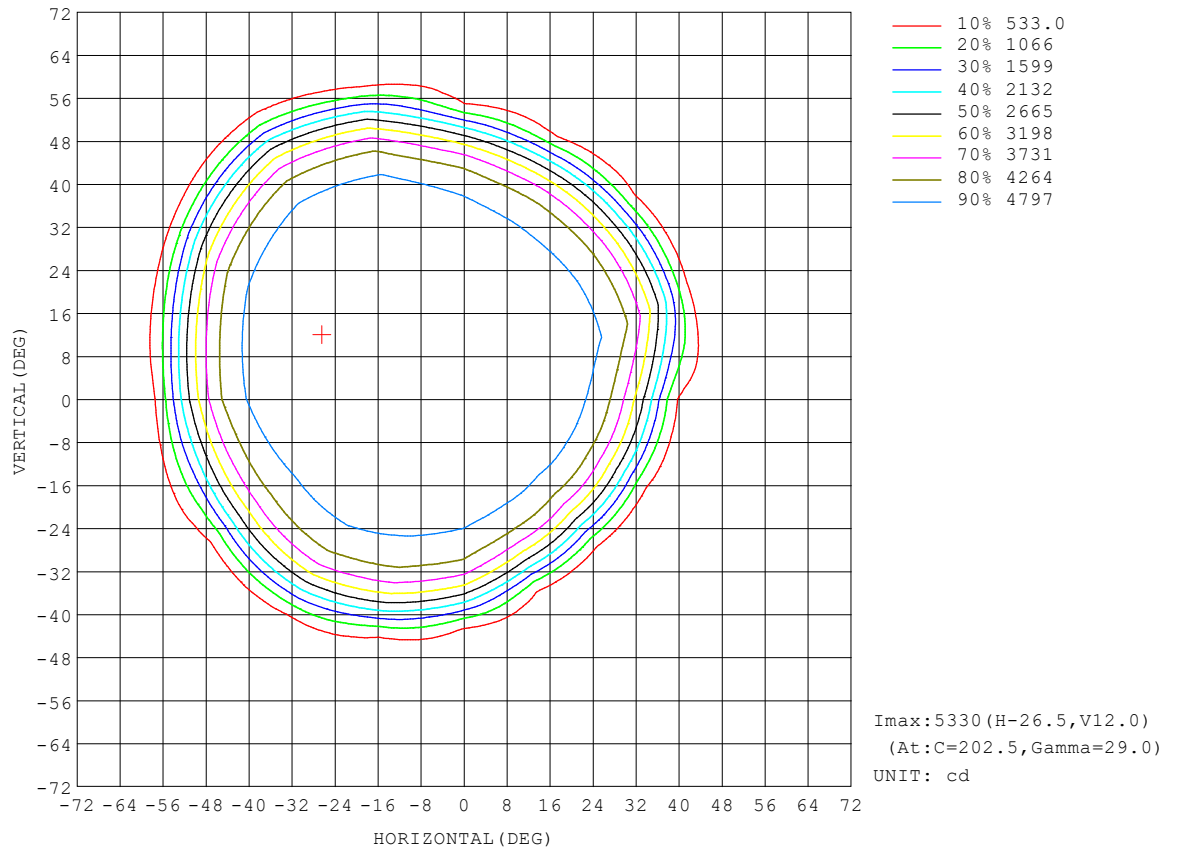
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	59	54	66	59	54	65	58	54	49
0.80	76	68	63	75	68	63	74	67	63	58
1.00	82	75	71	81	75	70	80	75	70	65
1.25	88	81	77	86	81	76	84	79	76	71
1.50	91	85	81	90	84	80	87	83	79	74
2.00	95	90	86	94	89	85	91	87	84	78
2.50	97	93	89	96	91	88	92	89	86	80
3.00	99	95	92	97	94	91	94	91	89	82
4.00	101	98	95	99	96	94	96	93	91	84
5.00	103	100	97	101	98	96	97	95	93	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: 25.3DEG
 Operators: DAMIN
 Test Date: 2025-02-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity: 65.0%
 Test Distance: 9.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.: 10inch	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:0

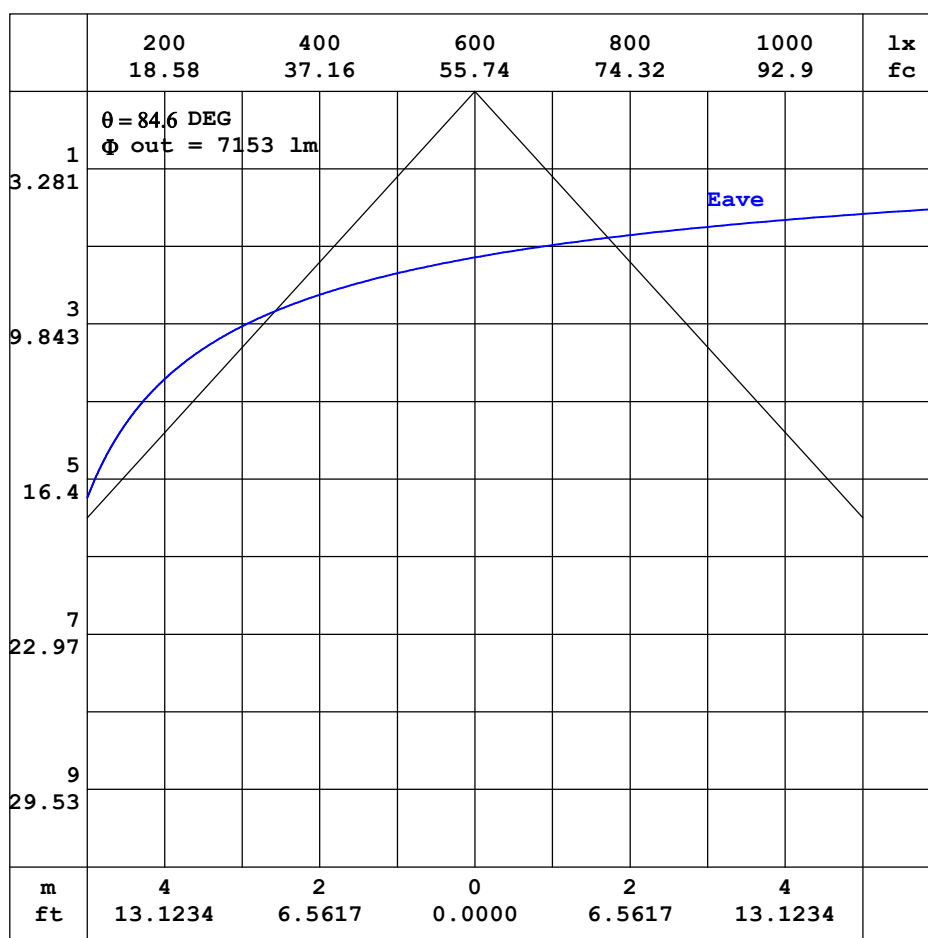


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-02-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.: 10inch	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:0



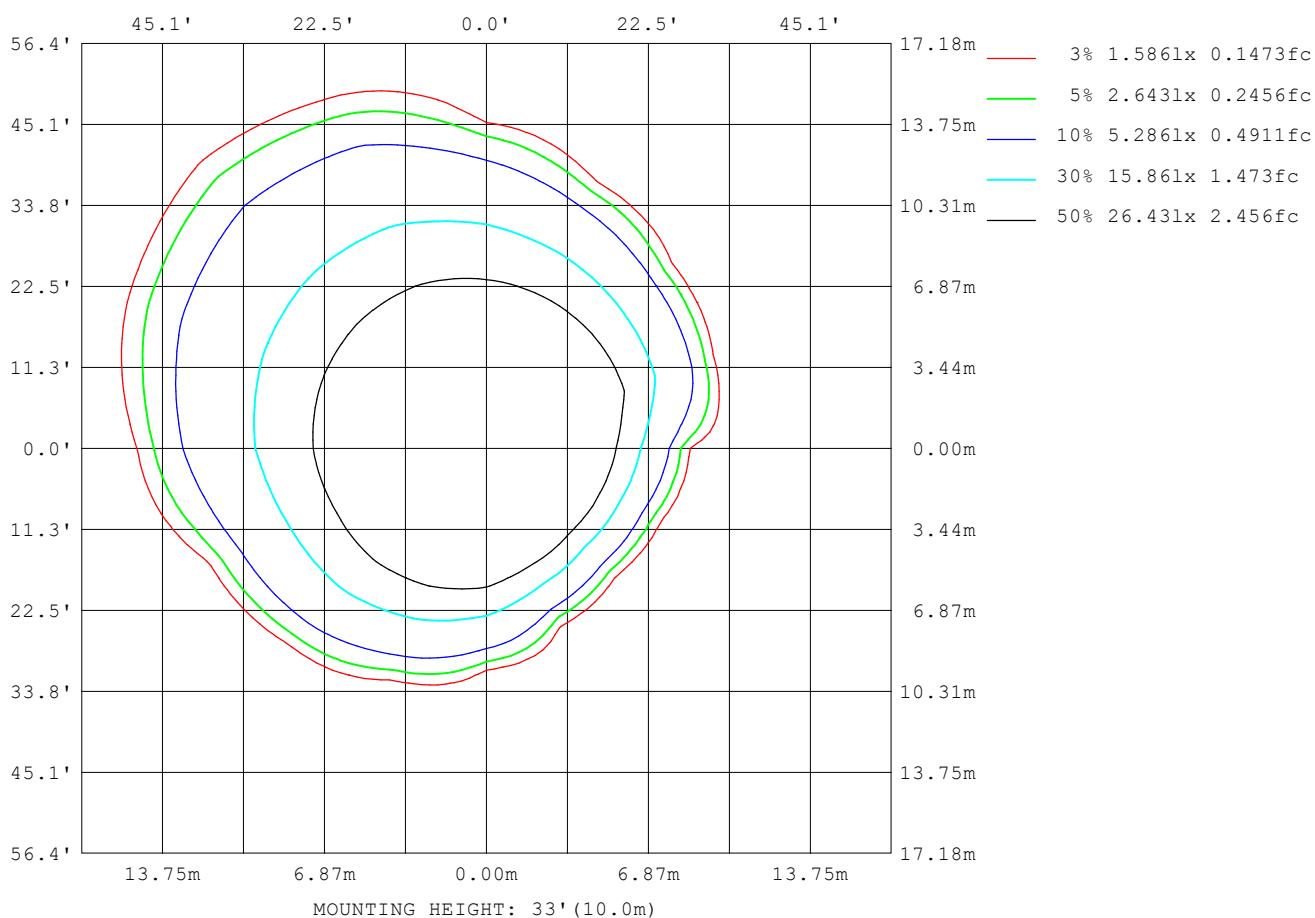
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2025-02-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity: 65.0%
 Test Distance: 9.100m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.: 10inch	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:0



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-02-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
NAME: ASD-UHS-MV-100N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:100W 120V	DIM.: 10inch	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:0

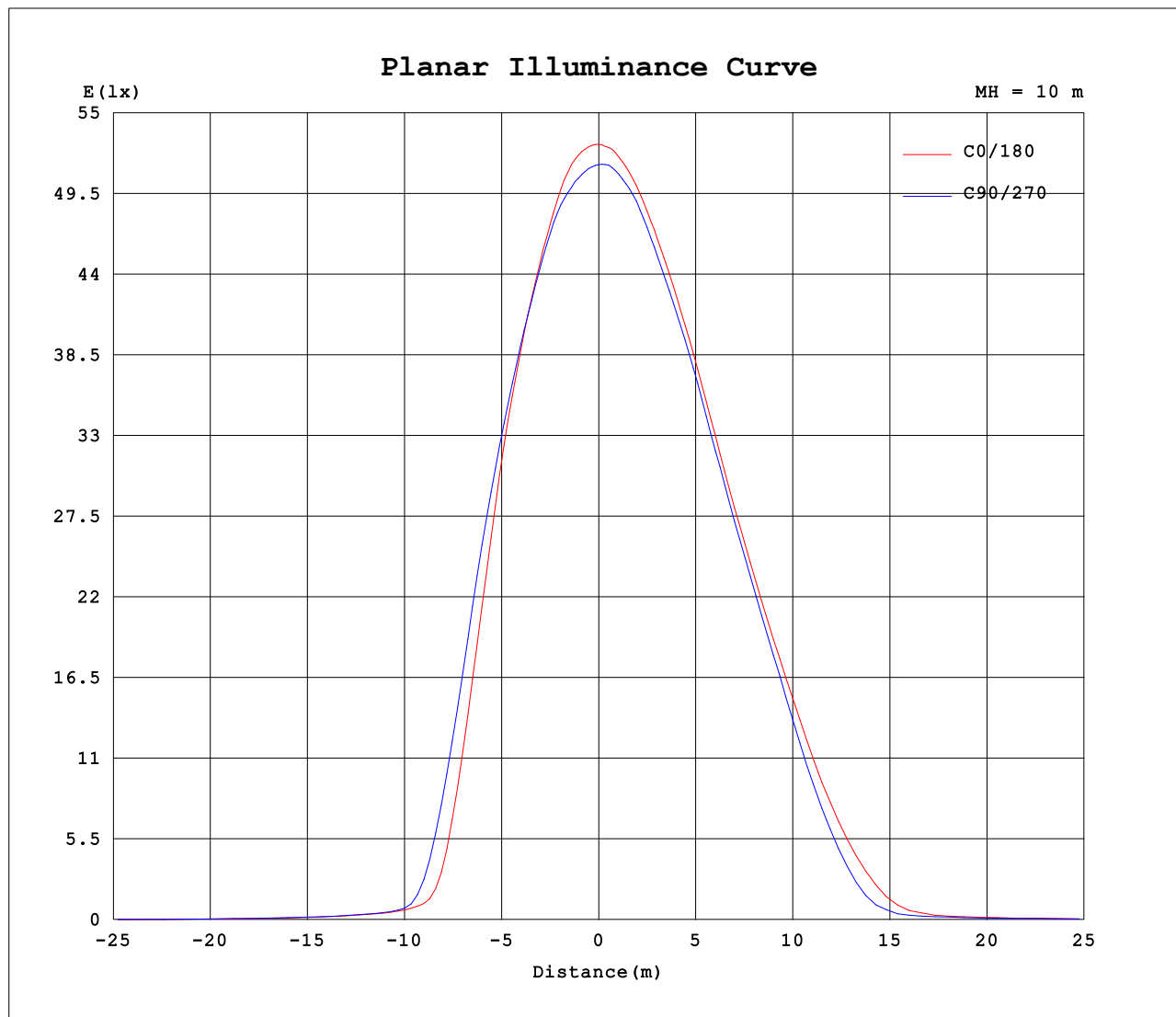
AvgL	cd/m2
L_0~180 (65) av	30562
L_0~180 (75) av	25331
L_0~180 (85) av	29746
L_90~270 (65) av	28452
L_90~270 (75) av	22899
L_90~270 (85) av	18465
L_45 (65) av	34232
L_45 (75) av	25200
L_45 (85) av	27751

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-02-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 9.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.02V I:0.8335A P:100W PF:0.9226 Freq:59.98Hz Lamp Flux:12014x1 lm		
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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	5286	5287	5272	5242	5148	5124	5165	5165	5286	5287	5272	5242	5148	5124	5165	5165			
5	5296	5300	5289	5251	5138	5108	5156	5172	5287	5294	5287	5256	5164	5124	5161	5154			
10	5282	5254	5225	5227	5148	5112	5144	5162	5286	5309	5304	5271	5174	5116	5144	5148			
15	5162	5107	5065	5094	5106	5122	5149	5154	5289	5315	5316	5280	5163	5121	5159	5163			
20	4970	4846	4768	4861	4967	5059	5157	5169	5304	5306	5311	5267	5164	5139	5137	5086			
25	4582	4268	4110	4370	4730	4900	5070	5144	5323	5316	5297	5264	5183	5075	5014	4936			
30	3653	2992	2687	3240	4221	4617	4884	4998	5263	5330	5319	5294	5106	4928	4806	4650			
35	2085	1157	851	1436	3062	3993	4526	4739	5109	5254	5299	5217	4942	4655	4336	3934			
40	473	252	213	249	1317	2675	3731	4200	4837	5092	5166	5047	4619	4021	3234	2547			
45	192	157	145	155	223	902	2206	3018	4273	4747	4906	4716	3856	2652	1501	749			
50	136	119	112	120	146	186	521	1252	3024	4019	4347	3945	2333	832	259	201			
55	106	91.1	84.7	92.8	114	134	170	225	1246	2539	3071	2391	535	191	153	137			
60	77.6	61.7	55.1	65.1	88.3	108	128	147	251	719	1163	552	175	135	118	106			
65	47.3	34.2	30.0	37.8	61.8	82.5	102	115	159	209	240	182	131	106	90.6	79.9			
70	24.8	14.5	11.5	17.9	37.0	56.2	76.1	88.6	125	145	156	135	103	80.8	62.2	49.9			
75	8.71	4.98	3.54	5.89	17.7	33.0	49.5	62.6	96.2	113	121	106	77.2	51.6	34.4	25.6			
80	2.28	0.83	0.59	0.89	5.66	14.5	27.5	38.7	66.8	84.1	91.8	79.3	48.1	27.2	16.0	9.71			
85	0.55	0.36	0.36	0.32	0.83	4.41	9.98	18.5	40.9	55.6	61.5	49.4	24.9	11.5	5.51	2.69			
90	0.41	0.45	0.48	0.42	0.30	0.62	2.50	5.45	19.6	32.2	35.3	26.0	9.13	3.29	0.78	0.57			
95	0.53	0.61	0.65	0.55	0.39	0.30	0.48	0.94	6.45	12.5	15.1	9.41	1.95	0.48	0.38	0.43			
100	0.71	0.95	1.09	0.82	0.52	0.41	0.34	0.37	1.28	3.66	5.01	2.03	0.36	0.38	0.49	0.57			
105	1.26	2.08	2.56	1.75	0.75	0.55	0.46	0.40	0.56	0.76	0.81	0.42	0.42	0.51	0.69	0.94			
110	2.87	4.66	5.53	4.10	1.61	0.84	0.62	0.54	0.52	0.44	0.41	0.42	0.56	0.80	1.40	2.12			
115	5.87	8.53	9.69	7.85	3.81	1.91	1.07	0.80	0.72	0.60	0.53	0.57	0.91	1.76	3.22	4.57			
120	9.96	13.1	14.3	12.4	7.36	4.38	2.57	1.78	1.37	0.90	0.77	0.93	2.07	3.92	6.30	8.21			
125	14.4	17.7	19.0	17.0	11.7	8.11	5.51	4.08	3.05	1.94	1.58	2.11	4.52	7.28	10.4	12.8			
130	18.9	22.5	24.0	21.8	16.0	12.4	9.55	7.70	6.06	4.23	3.57	4.61	8.13	11.6	15.2	17.7			
135	23.5	27.3	28.8	26.9	20.6	16.7	13.9	12.0	10.3	7.84	6.92	8.33	12.7	16.4	19.9	22.3			
140	27.5	30.7	32.0	30.9	25.4	21.4	18.3	16.3	15.2	12.5	11.4	13.0	17.5	20.9	24.5	27.0			
145	29.9	32.3	33.2	32.8	29.0	25.8	23.0	21.0	20.1	17.5	16.4	17.8	22.2	25.4	28.8	30.8			
150	31.0	32.7	33.2	33.0	30.6	28.7	26.8	25.2	24.6	22.3	21.2	22.5	26.6	29.1	31.3	32.5			
155	31.6	32.7	33.1	32.9	31.1	29.9	28.8	27.7	27.7	26.3	25.6	26.7	29.6	30.7	31.9	32.4			
160	32.4	33.1	33.3	33.2	31.7	30.9	30.3	29.5	29.5	28.7	28.4	29.2	30.8	31.3	32.0	32.3			
165	33.7	34.2	34.3	34.2	32.8	32.4	32.3	31.6	31.8	31.0	30.6	31.1	32.2	32.3	32.8	33.1			
170	35.1	35.4	35.5	35.4	34.2	34.0	34.0	33.6	34.4	33.9	33.7	33.8	34.4	34.0	34.3	34.6			
175	37.1	37.3	37.3	37.4	36.2	36.0	36.1	35.8	36.9	36.7	36.5	36.4	36.6	36.0	36.1	36.3			
180	38.2	38.3	38.3	38.4	37.4	37.2	37.4	37.1	38.3	38.3	38.4	38.0	38.1	37.3	37.2	37.2			

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