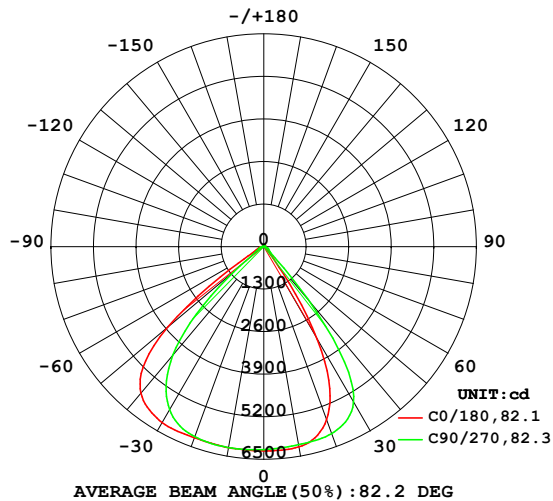


LUMINAIRE PHOTOMETRIC TEST REPORT

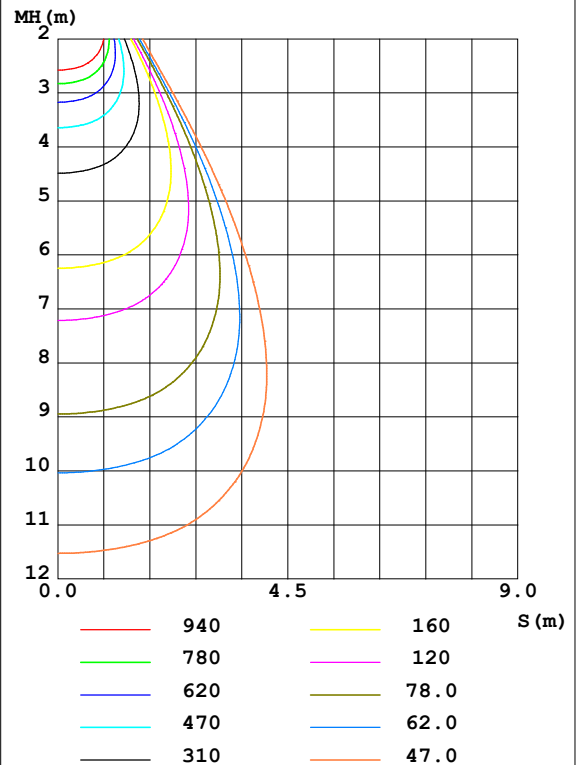
Test:U:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm		
NAME: ASD-UHS-MV-150N50-5CP-BK	TYPE:	WEIGHT:1
SPEC.:150W 120V	DIM.: 12inch	SERIAL No.:1
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 119 lm/W
MODEL	ASD-UHS-MV-150N50-5CP-BK	I _{max} (cd)	6244	S/MH (C0/180)	1.49	
NOMINAL POWER (W)	150W	LOR (%)	100.0	S/MH (C90/270)	1.28	
RATED VOLTAGE (V)	120V	TOTAL FLUX (lm)	17966	η UP, DN (C0-180)	0.4, 41.1	
NOMINAL FLUX (lm)	17966 lm	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.4, 58.1	
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	1.00	
TEST VOLTAGE (V)	120	η down (%)	99.2	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:

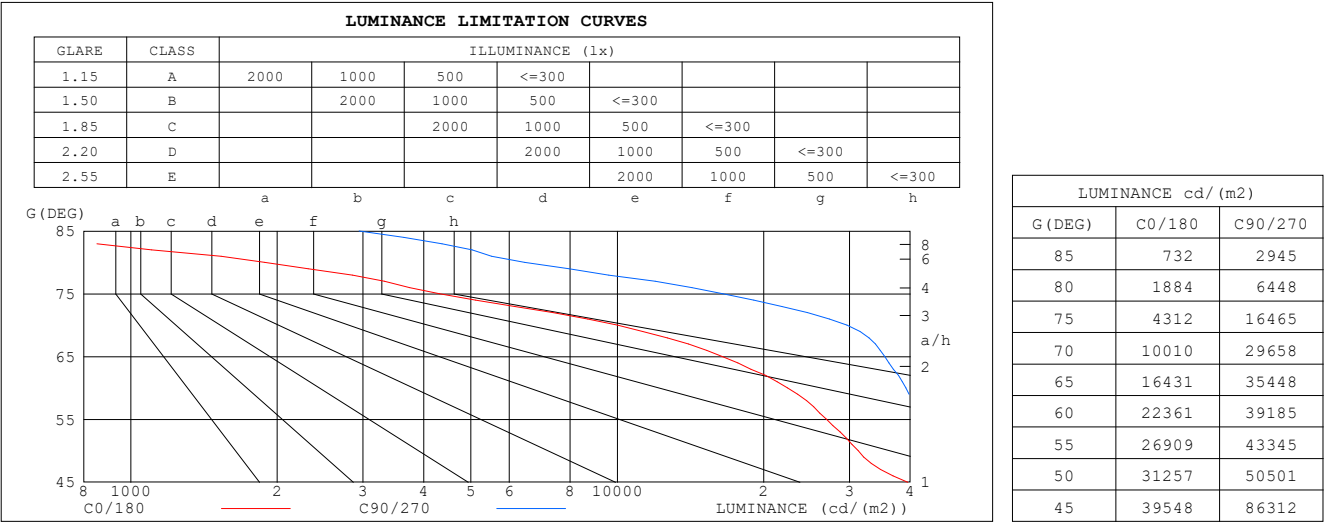
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	6211	6179	6142	6129	6235	6235	6234	6207	0- 10	591.6	591.6	5.82,5.82
20	5624	5981	6075	6114	6212	6235	6177	6083	10- 20	1743	2334	23,23
30	3277	4459	5487	5879	6209	6120	5753	5254	20- 30	2675	5009	49.3,49.3
40	395.5	638.2	2116	4303	5840	5333	4321	2890	30- 40	2734	7743	76.2,76.2
50	160.7	188.4	259.7	508.7	3829	2850	1208	368.6	40- 50	1601	9345	92,92
60	89.45	106.8	156.7	199.4	469.5	346.3	223.0	167.5	50- 60	467.7	9812	96.6,96.6
70	27.39	33.98	81.15	124.5	186.0	172.1	143.4	100.4	60- 70	150.9	9963	98.1,98.1
80	2.617	3.847	8.958	41.08	121.3	113.8	83.26	31.63	70- 80	81.95	10045	98.9,98.9
90	0.6330	0.5765	0.4473	1.388	46.92	43.44	12.94	1.565	80- 90	32.48	10078	99.2,99.2
100	1.130	0.9834	0.7517	0.5143	1.093	0.9032	0.6048	0.7413	90-100	4.725	10083	99.3,99.3
110	3.856	2.761	1.525	0.9324	0.6281	0.6960	0.9790	1.642	100-110	1.098	10084	99.3,99.3
120	12.21	9.473	5.653	2.806	1.319	1.705	3.359	6.772	110-120	3.091	10087	99.3,99.3
130	22.54	19.20	14.15	9.518	5.206	7.306	11.54	17.08	120-130	8.041	10095	99.4,99.4
140	32.72	29.85	24.37	19.07	14.58	18.04	22.78	27.76	130-140	14.19	10109	99.5,99.5
150	36.66	35.41	32.47	28.88	25.53	28.71	32.85	36.50	140-150	17.67	10127	99.7,99.7
160	38.04	37.25	35.80	34.04	32.89	35.04	36.61	37.55	150-160	15.84	10143	99.9,99.9
170	41.03	40.49	40.01	39.37	39.24	40.15	40.51	40.53	160-170	10.67	10153	100,100
180	44.16	44.20	44.12	43.71	44.36	44.27	44.14	43.76	170-180	3.991	10157	100,100
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:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm		
NAME: ASD-UHS-MV-150N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:150W 120V	DIM.: 12inch	SERIAL No.:1
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0



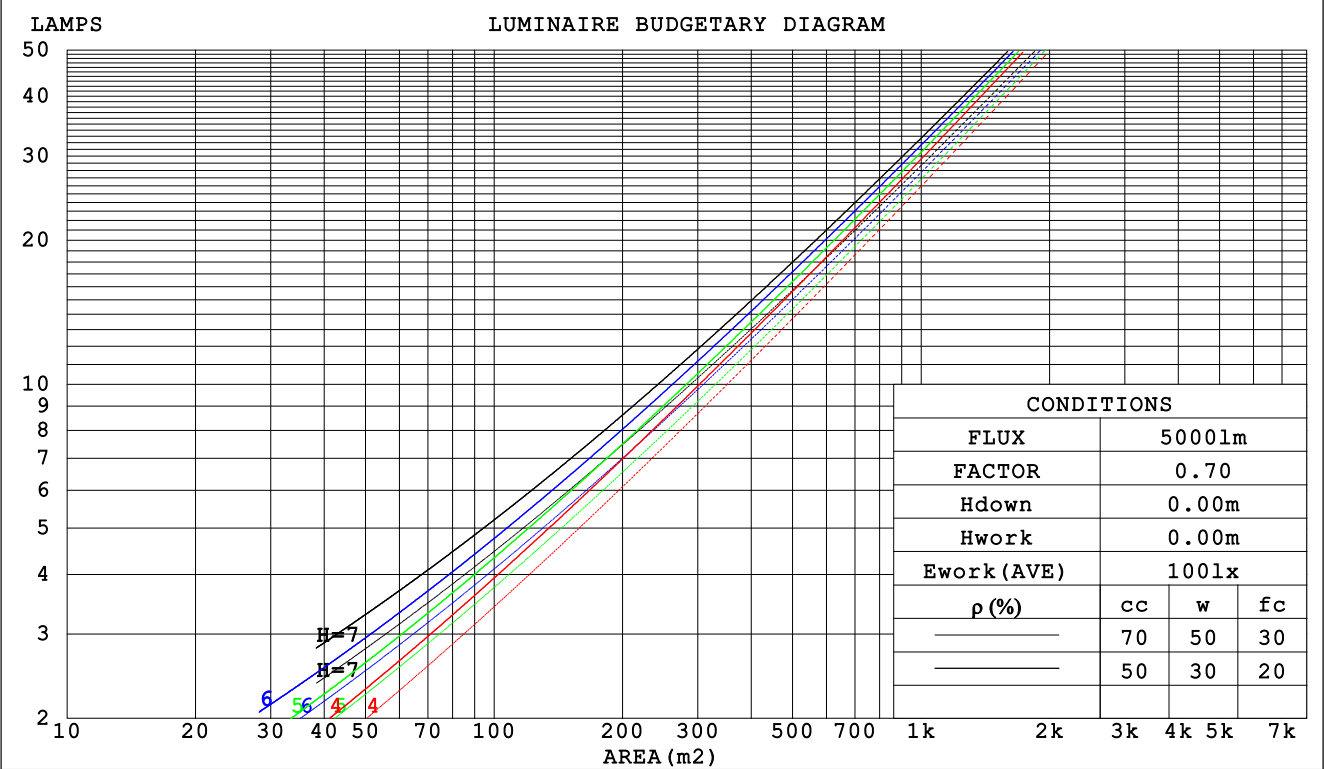
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-02-14

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:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm		
lm NAME: ASD-UHS-MV-150N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:150W 120V	DIM.: 12inch	SERIAL No.:1
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

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	1.19	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	1.09	1.06	1.03	1.07	1.04	1.02	1.02	1.00	.98	.98	.97	.95	.95	.93	.92	.90	
2.0	.99	.95	.91	.98	.93	.89	.94	.90	.87	.91	.88	.85	.88	.86	.83	.82	
3.0	.91	.85	.80	.89	.84	.79	.87	.82	.78	.84	.80	.77	.81	.78	.75	.74	
4.0	.83	.77	.72	.82	.76	.71	.80	.74	.70	.77	.73	.69	.75	.72	.68	.67	
5.0	.77	.70	.64	.75	.69	.64	.73	.68	.63	.72	.67	.63	.70	.66	.62	.60	
6.0	.70	.63	.58	.70	.63	.58	.68	.62	.58	.66	.61	.57	.65	.60	.57	.55	
7.0	.65	.58	.53	.64	.58	.53	.63	.57	.53	.62	.56	.52	.60	.55	.52	.50	
8.0	.60	.53	.49	.60	.53	.48	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46	
9.0	.56	.49	.45	.56	.49	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.42	
10.0	.52	.46	.41	.52	.45	.41	.51	.45	.41	.50	.45	.41	.49	.44	.41	.39	



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:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm					
NAME: ASD-UHS-MV-150N50-5CP-BK-6P			TYPE:		WEIGHT:1
SPEC.:150W 120V			DIM.: 12inch		SERIAL No.:1
MFR.: ASDLightingcorp			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	.211	.120	.038	.204	.117	.037	.191	.110	.035	.179	.103	.033	.168	.097	.031	
2.0	.204	.112	.034	.198	.109	.034	.187	.104	.032	.176	.099	.031	.167	.094	.030	
3.0	.195	.104	.031	.190	.102	.031	.180	.098	.030	.171	.094	.029	.162	.090	.028	
4.0	.186	.096	.028	.181	.095	.028	.172	.091	.027	.164	.088	.027	.157	.085	.026	
5.0	.177	.090	.026	.172	.089	.026	.165	.086	.025	.158	.083	.025	.151	.081	.024	
6.0	.168	.084	.024	.164	.083	.024	.157	.081	.023	.151	.079	.023	.145	.076	.023	
7.0	.160	.079	.022	.157	.078	.022	.150	.076	.022	.145	.074	.022	.139	.072	.021	
8.0	.152	.074	.021	.149	.073	.021	.144	.072	.021	.139	.070	.020	.134	.069	.020	
9.0	.145	.070	.020	.142	.069	.019	.138	.068	.019	.133	.067	.019	.129	.065	.019	
10.0	.138	.066	.018	.136	.066	.018	.132	.064	.018	.127	.063	.018	.123	.062	.018	

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	.196	.196	.196	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.179	.163	.148	.154	.140	.128	.105	.096	.088	.060	.056	.051	.019	.018	.017	
2.0	.167	.138	.115	.143	.119	.099	.098	.082	.069	.056	.048	.041	.018	.016	.013	
3.0	.156	.120	.091	.134	.103	.079	.092	.072	.055	.053	.042	.033	.017	.014	.011	
4.0	.147	.106	.074	.126	.091	.064	.087	.064	.045	.050	.037	.027	.016	.012	.009	
5.0	.140	.095	.061	.120	.082	.053	.083	.057	.038	.048	.034	.022	.015	.011	.007	
6.0	.133	.086	.052	.114	.074	.045	.079	.052	.032	.046	.031	.019	.015	.010	.006	
7.0	.127	.079	.045	.109	.068	.039	.075	.048	.028	.044	.028	.016	.014	.009	.005	
8.0	.121	.073	.039	.104	.063	.034	.072	.044	.024	.042	.026	.014	.014	.009	.005	
9.0	.116	.068	.035	.100	.059	.030	.069	.041	.022	.040	.024	.013	.013	.008	.004	
10.0	.112	.063	.031	.096	.055	.027	.067	.039	.019	.039	.023	.012	.013	.008	.004	

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:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm										
NAME: ASD-UHS-MV-150N50-5CP-BK-6P					TYPE:			WEIGHT:1		
SPEC.:150W 120V					DIM.: 12inch			SERIAL No.:1		
MFR.: ASDLightingcorp					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	13.0	14.1	13.2	14.3	14.5	17.2	18.4	17.5	18.5	18.7
3H	12.9	13.9	13.1	14.1	14.4	17.2	18.2	17.4	18.4	18.7
4H	12.8	13.8	13.1	14.0	14.3	17.1	18.1	17.4	18.3	18.6
6H	12.7	13.6	13.0	13.9	14.1	17.0	17.9	17.3	18.2	18.5
8H	12.6	13.5	13.0	13.8	14.1	17.0	17.9	17.3	18.1	18.4
12H	12.6	13.4	12.9	13.7	14.0	16.9	17.8	17.3	18.1	18.4
4H 2H	12.8	13.8	13.1	14.1	14.3	17.0	18.0	17.3	18.2	18.4
3H	12.8	13.6	13.1	13.9	14.2	16.9	17.8	17.3	18.1	18.4
4H	12.7	13.4	13.0	13.8	14.1	16.9	17.7	17.3	18.0	18.3
6H	12.6	13.3	13.0	13.6	14.0	16.8	17.5	17.2	17.8	18.2
8H	12.5	13.2	13.0	13.5	13.9	16.8	17.4	17.2	17.8	18.2
12H	12.5	13.1	12.9	13.4	13.9	16.7	17.3	17.1	17.7	18.1
8H 4H	12.6	13.2	13.0	13.6	13.9	16.8	17.4	17.2	17.8	18.1
6H	12.5	13.0	12.9	13.4	13.8	16.7	17.2	17.1	17.6	18.0
8H	12.4	12.9	12.9	13.3	13.8	16.6	17.1	17.1	17.5	18.0
12H	12.4	12.8	12.9	13.2	13.7	16.6	17.0	17.1	17.4	17.9
12H 4H	12.5	13.1	12.9	13.5	13.9	16.7	17.3	17.1	17.7	18.1
6H	12.4	12.9	12.9	13.3	13.8	16.6	17.1	17.1	17.5	18.0
8H	12.4	12.8	12.9	13.2	13.7	16.6	17.0	17.1	17.4	17.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / - 2.8					+ 4.5 / - 6.7				
1.5H	+ 4.1 / - 1.9					+ 7.1 / - 6.3				
2.0H	+ 1.5 / - 1.5					+ 3.7 / - 1.9				

CIE Pub.117, 10157 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 8.1$)

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:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm		
NAME: ASD-UHS-MV-150N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:150W 120V	DIM.: 12inch	SERIAL No.:1
MFR.: ASDLightingcorp	SUR.:	Shielding Angle:0

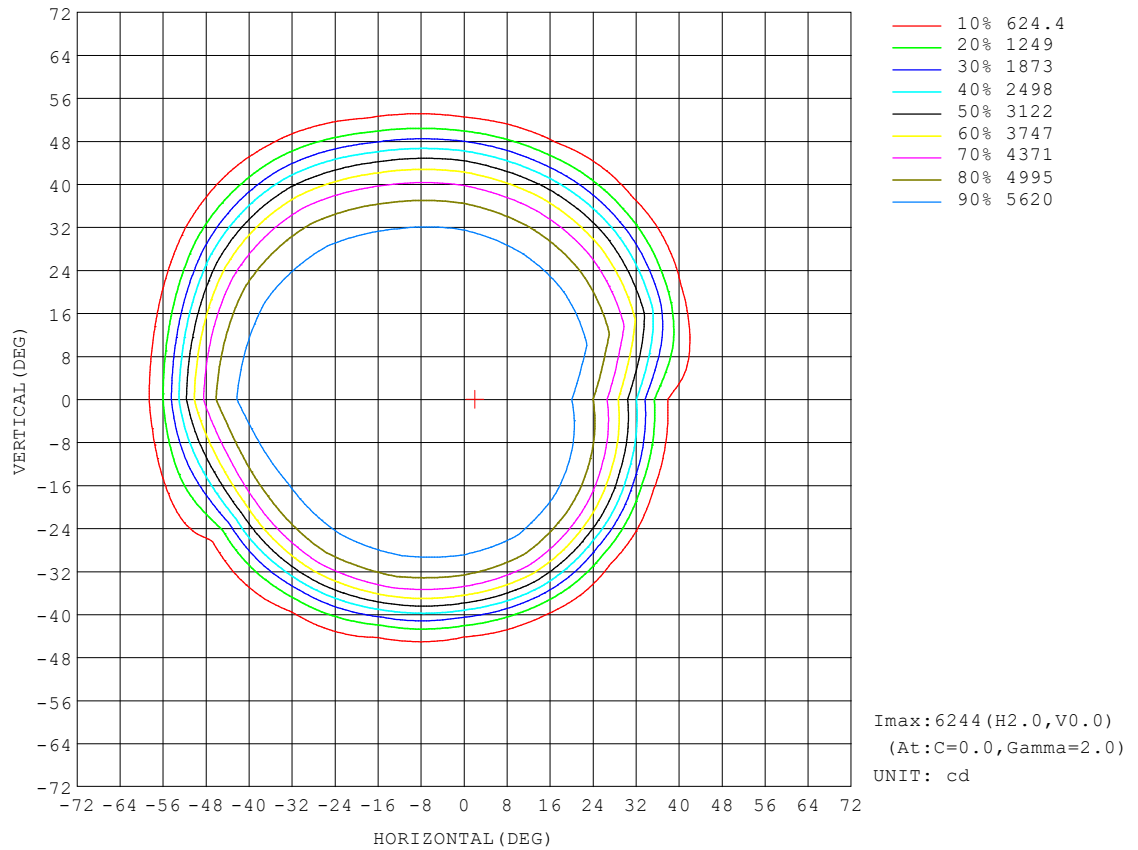
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	68	63	76	68	63	75	68	63	58
0.80	85	78	73	85	77	73	83	77	72	67
1.00	92	85	80	91	84	80	89	84	79	74
1.25	97	91	86	96	90	86	94	89	85	80
1.50	101	95	90	99	94	90	97	92	89	83
2.00	105	100	96	103	99	95	100	96	93	87
2.50	107	102	98	105	101	98	102	98	96	89
3.00	109	105	101	107	103	100	104	100	98	91
4.00	112	108	105	109	106	104	105	103	101	93
5.00	113	110	107	111	108	106	106	104	103	94
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:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm		
NAME: ASD-UHS-MV-150N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:150W 120V	DIM.: 12inch	SERIAL No.:1
MFR.: ASDLightingcorp	SUR.:	Shielding Angle:0

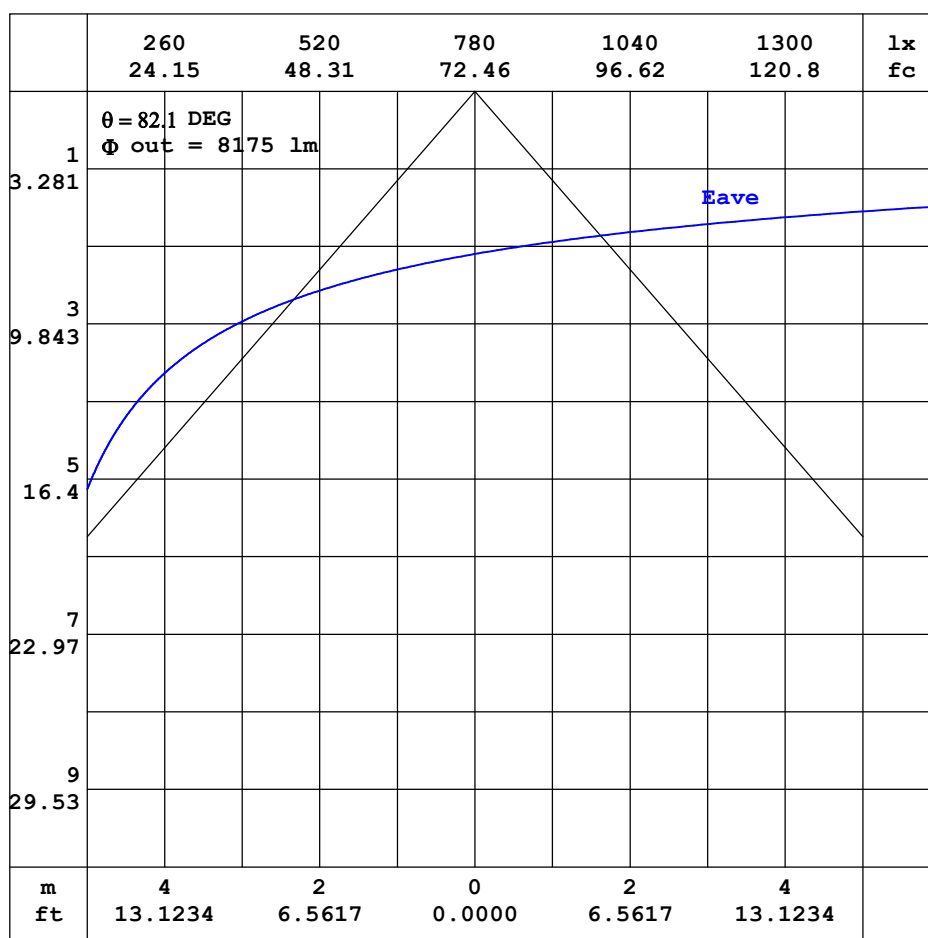


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-02-14

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:

AAI CURVES

Test:U:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm		
NAME: ASD-UHS-MV-150N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:150W 120V	DIM.: 12inch	SERIAL No.:1
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0



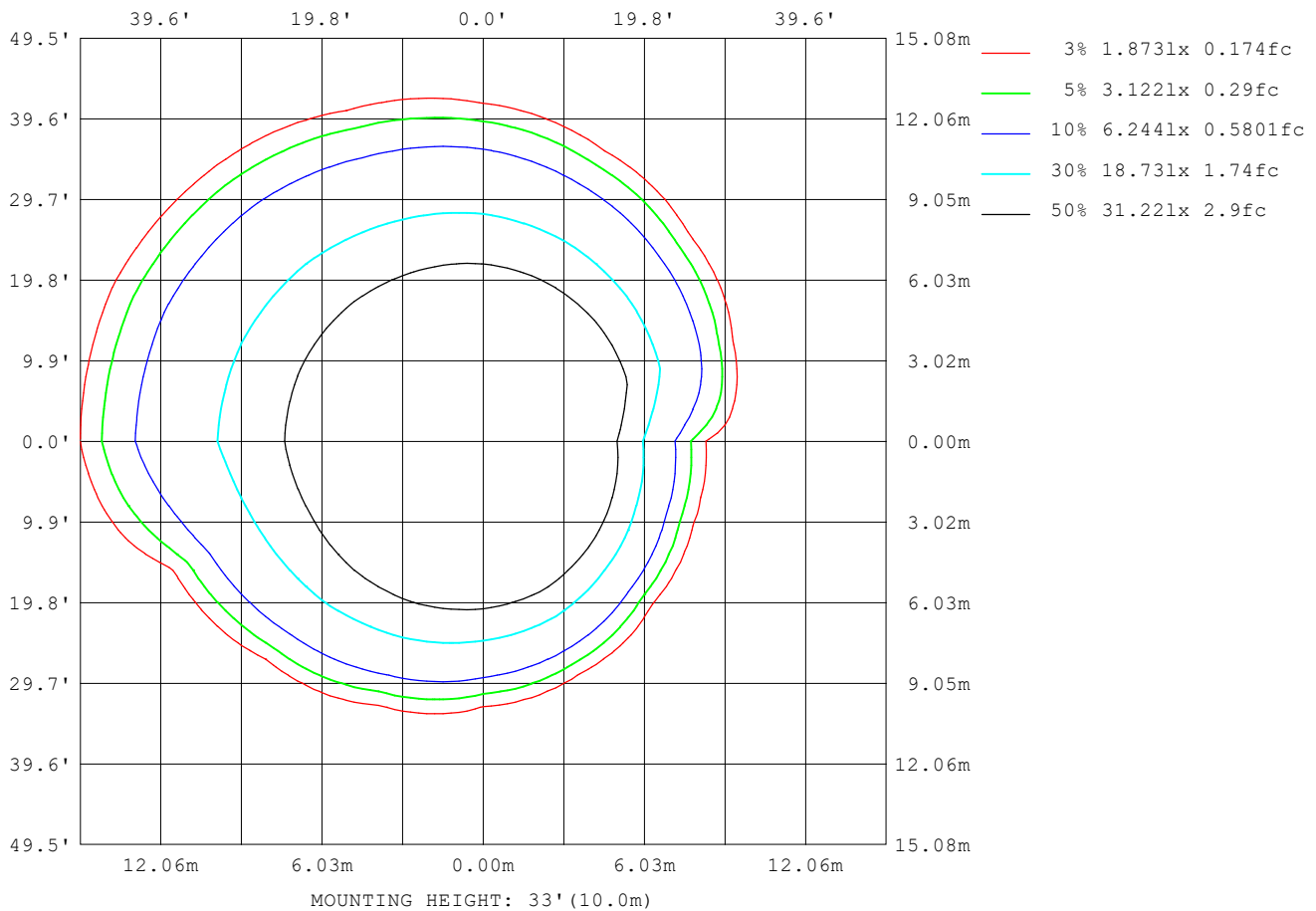
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm		
NAME: ASD-UHS-MV-150N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:150W 120V	DIM.: 12inch	SERIAL No.:1
MFR.: ASD Lighting corp	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:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 lm		
NAME: ASD-UHS-MV-150N50-5CP-BK-6P	TYPE:	WEIGHT:1
SPEC.:150W 120V	DIM.: 12inch	SERIAL No.:1
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

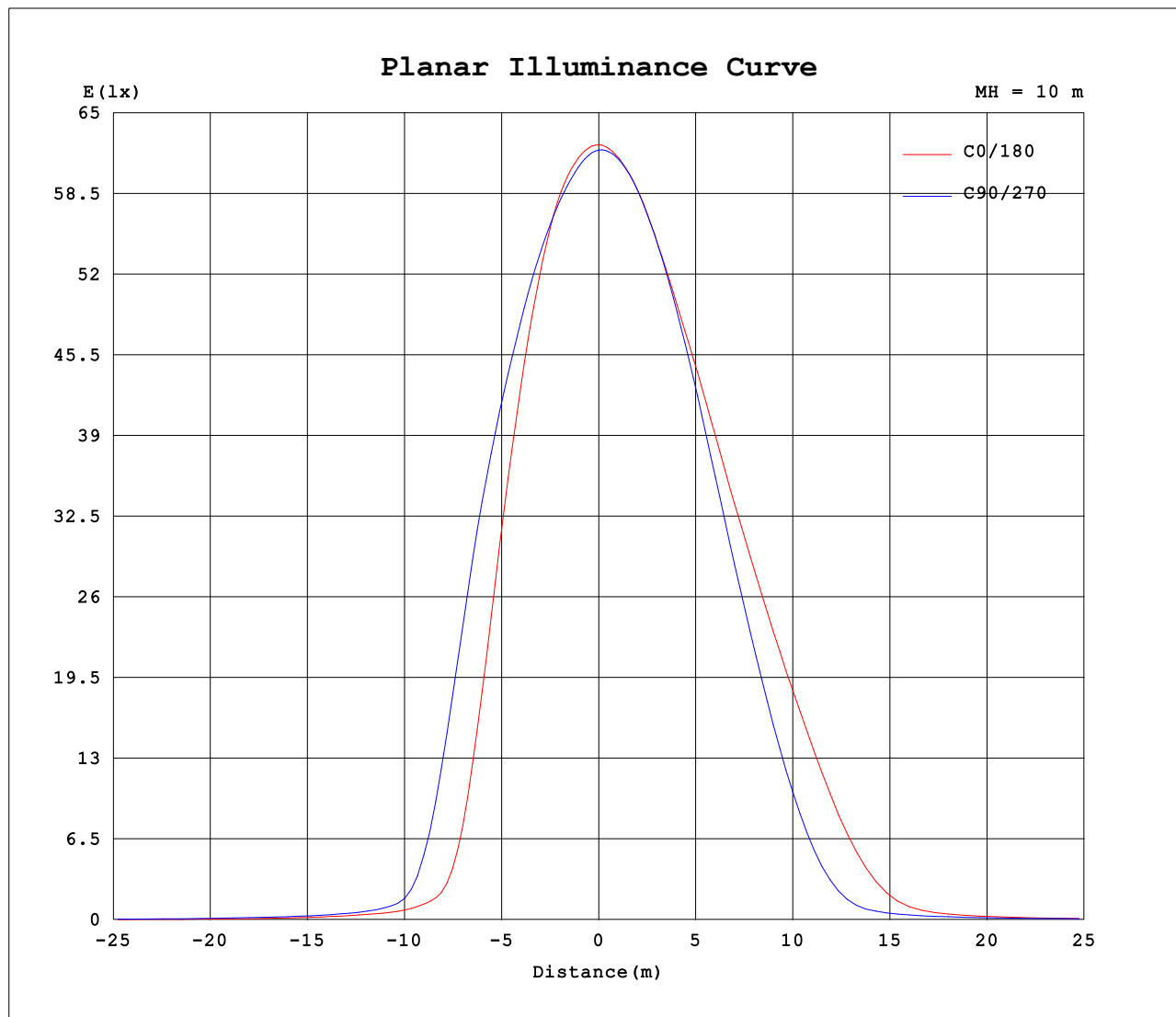
AvgL	cd/m2
L_0~180 (65) av	46606
L_0~180 (75) av	38685
L_0~180 (85) av	63083
L_90~270 (65) av	43833
L_90~270 (75) av	35728
L_90~270 (85) av	40116
L_45 (65) av	43142
L_45 (75) av	37135
L_45 (85) av	36803

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%
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.99V I:0.167A P:150W PF:0.9932 Freq:59.98Hz Lamp Flux:17966.1x1 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	6244	6221	6208	6205	6199	6192	6183	6168	6244	6221	6208	6205	6199	6192	6183	6168			
5	6241	6215	6194	6181	6170	6166	6166	6159	6235	6229	6225	6224	6221	6214	6202	6179			
10	6211	6199	6179	6161	6142	6131	6129	6136	6235	6229	6235	6238	6234	6222	6207	6179			
15	6051	6121	6148	6143	6129	6122	6115	6116	6221	6230	6243	6236	6225	6205	6181	6141			
20	5624	5829	5981	6062	6075	6098	6114	6120	6212	6231	6235	6208	6177	6134	6083	5993			
25	4783	5150	5537	5814	5910	5987	6044	6097	6227	6235	6212	6136	6056	5942	5791	5609			
30	3277	3759	4459	5161	5487	5721	5879	5975	6209	6207	6120	5923	5753	5524	5254	4903			
35	1380	1740	2503	3583	4303	5006	5452	5707	6097	6038	5836	5496	5208	4824	4339	3691			
40	396	432	638	1348	2116	3201	4303	5028	5840	5687	5333	4786	4321	3685	2890	1937			
45	224	246	275	356	488	996	2076	3369	5225	4982	4431	3576	2915	2033	1184	565			
50	161	167	188	223	260	335	509	1175	3829	3575	2850	1863	1208	626	369	261			
55	123	127	144	174	199	225	266	375	1631	1535	1053	533	369	267	213	176			
60	89.4	91.0	107	135	157	179	199	226	469	441	346	260	223	192	167	139			
65	55.6	54.5	69.6	99.0	120	140	159	177	260	257	221	194	177	158	133	106			
70	27.4	25.4	34.0	57.3	81.2	105	125	143	186	182	172	159	143	126	100	71.9			
75	8.93	9.59	12.8	22.3	34.1	60.3	88.1	111	151	147	141	129	114	93.3	65.9	42.7			
80	2.62	2.79	3.85	6.29	8.96	19.7	41.1	72.7	121	118	114	99.4	83.3	58.4	31.6	15.3			
85	0.51	0.64	0.82	1.54	2.05	4.51	9.89	33.1	87.5	87.6	82.6	62.7	53.9	23.4	9.32	4.08			
90	0.63	0.61	0.58	0.49	0.45	0.58	1.39	6.01	46.9	51.5	43.4	25.2	12.9	5.59	1.57	0.67			
95	0.83	0.81	0.75	0.65	0.58	0.47	0.38	0.51	11.5	12.6	8.98	4.21	1.50	0.73	0.55	0.66			
100	1.13	1.10	0.98	0.85	0.75	0.63	0.51	0.40	1.09	1.11	0.90	0.71	0.60	0.63	0.74	0.89			
105	1.88	1.78	1.46	1.16	1.00	0.83	0.70	0.54	0.48	0.54	0.56	0.63	0.72	0.84	1.01	1.29			
110	3.86	3.56	2.76	1.94	1.53	1.17	0.93	0.74	0.63	0.62	0.70	0.84	0.98	1.20	1.64	2.50			
115	7.41	6.87	5.45	3.84	2.92	2.05	1.44	1.05	0.84	0.86	0.97	1.25	1.59	2.24	3.42	5.17			
120	12.2	11.4	9.47	7.14	5.65	4.11	2.81	1.86	1.32	1.38	1.70	2.51	3.36	4.78	6.77	9.29			
125	17.4	16.5	14.2	11.5	9.59	7.53	5.52	3.86	2.58	2.86	3.69	5.37	6.79	8.84	11.5	14.6			
130	22.5	21.7	19.2	16.2	14.2	11.9	9.52	7.27	5.21	5.86	7.31	9.72	11.5	14.1	17.1	20.3			
135	28.0	27.2	24.6	21.3	19.1	16.6	14.1	11.8	9.29	10.3	12.2	15.2	17.2	19.8	22.6	25.6			
140	32.7	32.2	29.8	26.7	24.4	21.7	19.1	16.6	14.6	15.9	18.0	21.0	22.8	25.1	27.8	30.9			
145	35.5	35.3	33.6	31.1	29.2	26.9	24.3	21.7	20.2	21.5	23.5	26.2	27.9	30.2	32.9	35.6			
150	36.7	36.6	35.4	33.8	32.5	30.8	28.9	26.8	25.5	26.8	28.7	31.3	32.8	34.7	36.5	37.9			
155	37.3	37.1	36.3	35.1	34.2	33.2	31.8	30.3	30.0	31.2	32.9	34.7	35.7	36.6	37.4	37.9			
160	38.0	37.9	37.2	36.4	35.8	35.0	34.0	32.8	32.9	34.0	35.0	36.1	36.6	37.1	37.5	37.8			
165	39.5	39.3	38.8	38.2	37.8	37.4	36.7	35.8	35.7	36.4	37.3	38.1	38.1	38.4	38.7	38.8			
170	41.0	40.9	40.5	40.1	40.0	39.8	39.4	38.8	39.2	39.7	40.2	40.5	40.5	40.5	40.5	40.6			
175	43.2	43.1	42.8	42.8	42.7	42.6	42.3	41.9	42.7	42.7	42.9	43.0	42.9	42.8	42.6	42.6			
180	44.2	44.3	44.2	44.2	44.1	44.0	43.7	43.5	44.4	44.1	44.3	44.2	44.1	44.0	43.8	43.4			

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