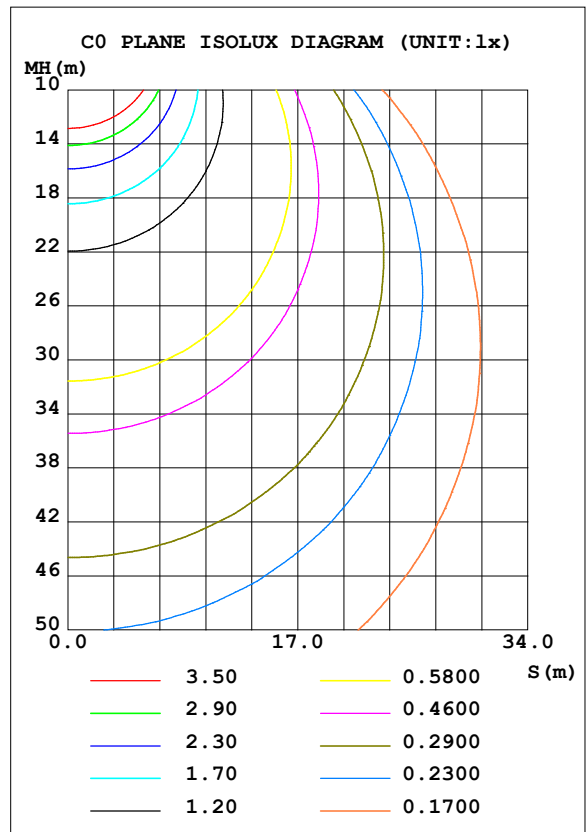
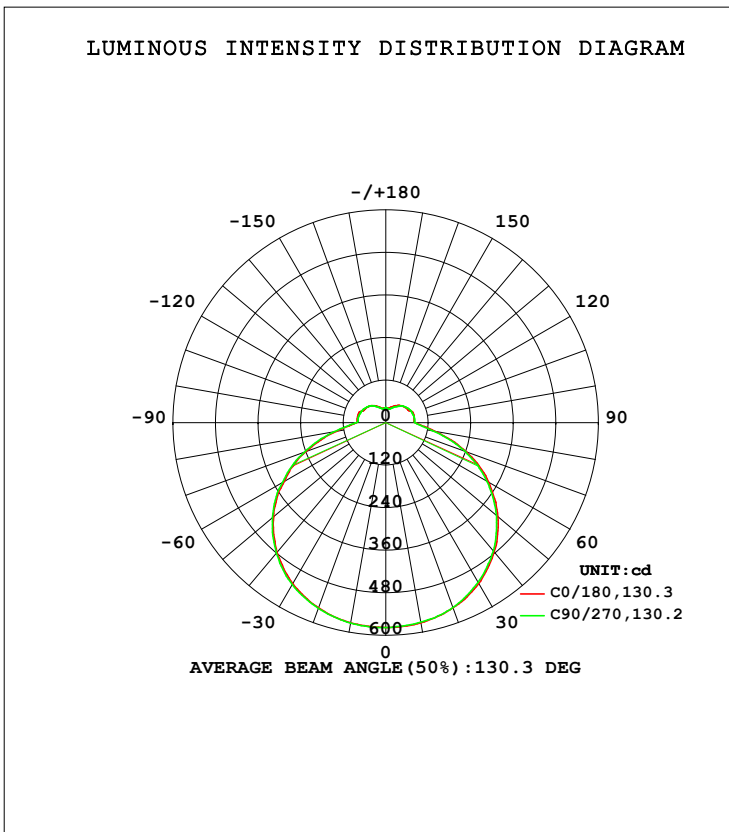


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-LFC-AF-20D42-AC	Imax (cd)	579.4	S/MH (C0/180)	1.35
NOMINAL POWER (W)	--	LOR (%)	100.0	S/MH (C90/270)	1.36
RATED VOLTAGE (V)	--	TOTAL FLUX (lm)	2497.9	<input type="checkbox"/> UP, DN (C0-180)	8.8, 41.0
NOMINAL FLUX (lm)	2497.94	CIE CLASS	SEMI-D.	<input type="checkbox"/> UP, DN (C180-360)	8.6, 41.6
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	17.4	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	--	<input type="checkbox"/> down (%)	82.6	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: admin  
 Test Date: 2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 8.780m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM**

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum,lamp
10	573.3	572.8	571.2	572.4	573.2	573.1	574.2	573.5	0- 10	54.93	54.93	2.2,2.2
20	555.9	555.0	554.4	554.4	555.8	558.2	557.2	558.1	10- 20	160.1	215.1	8.61,8.61
30	524.2	522.3	520.5	522.0	524.3	526.2	527.5	526.6	20- 30	250.2	465.2	18.6,18.6
40	475.7	474.0	472.5	473.0	477.4	478.3	480.1	480.2	30- 40	314.4	779.7	31.2,31.2
50	413.2	409.3	407.7	408.2	413.1	415.7	417.2	416.4	40- 50	344.4	1124	45,45
60	335.0	332.8	328.5	328.9	330.1	336.3	335.7	334.9	50- 60	335.0	1459	58.4,58.4
70	242.1	240.7	239.6	236.5	239.5	245.8	245.4	243.8	60- 70	286.1	1745	69.9,69.9
80	140.6	138.4	135.8	136.8	140.9	147.1	148.0	145.2	70- 80	201.5	1947	77.9,77.9
90	83.29	83.11	82.34	81.85	83.08	83.81	83.43	82.76	80- 90	116.2	2063	82.6,82.6
100	82.06	82.02	82.08	81.05	81.40	79.11	79.37	79.21	90-100	88.19	2151	86.1,86.1
110	82.11	80.21	79.87	78.83	81.29	77.21	77.33	77.42	100-110	84.92	2236	89.5,89.5
120	72.87	76.15	76.69	75.19	71.72	74.34	74.32	74.40	110-120	76.28	2312	92.6,92.6
130	69.71	66.65	70.45	66.27	68.43	66.39	69.13	66.60	120-130	63.62	2376	95.1,95.1
140	63.49	58.05	61.54	57.69	63.20	58.08	62.70	58.01	130-140	49.25	2425	97.1,97.1
150	55.27	51.22	51.90	50.08	54.35	51.19	52.77	50.23	140-150	34.79	2460	98.5,98.5
160	46.97	43.48	42.88	42.87	45.91	44.39	44.13	43.89	150-160	22.28	2482	99.4,99.4
170	41.78	42.00	40.33	41.92	41.27	42.57	40.39	40.68	160-170	11.81	2494	99.8,99.8
180	42.19	39.85	43.37	40.33	42.21	39.83	43.37	40.34	170-180	3.889	2498	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 950.53 lm

%lum = 38.1%

%lamp = 38.1%

Conical surface Flux(120deg): 1459 lm

%lum = 58.4%

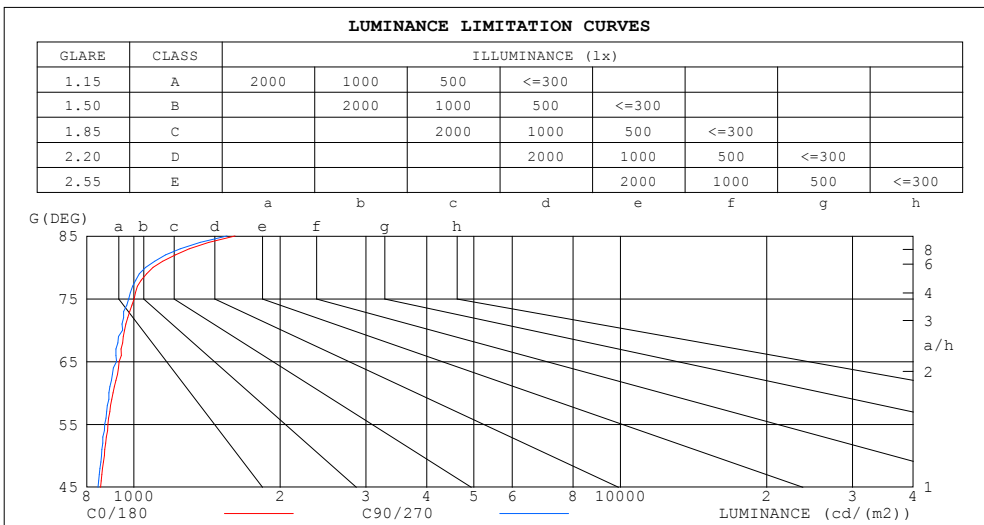
%lamp = 58.4%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1614	1556
80	1096	1058
75	1001	976
70	958	948
65	934	921
60	907	889
55	884	872
50	870	858
45	854	844

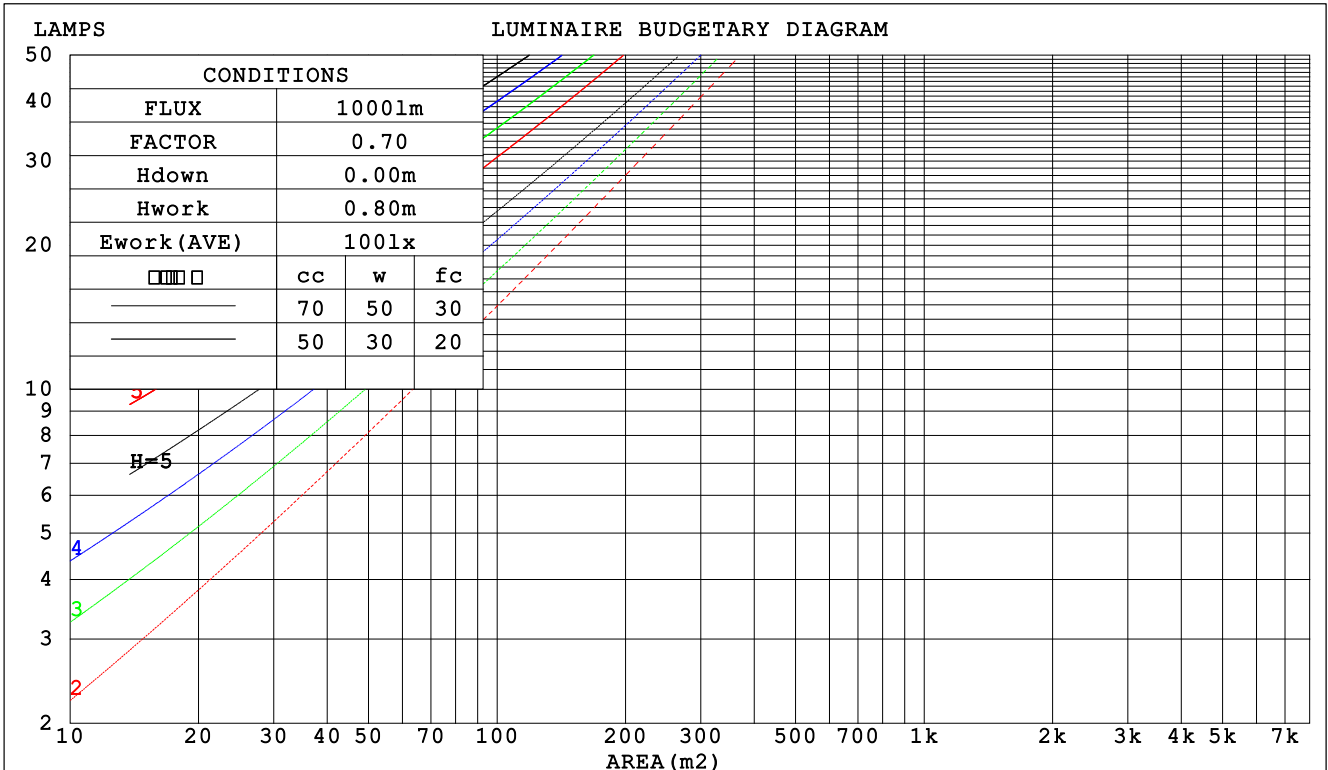
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.86	.86	.86	.83
1.0	.98	.93	.88	.94	.89	.85	.86	.83	.79	.79	.76	.74	.73	.71	.69	.65
2.0	.84	.77	.70	.81	.74	.68	.74	.69	.64	.68	.64	.60	.63	.59	.56	.53
3.0	.73	.64	.58	.70	.62	.56	.65	.58	.53	.60	.54	.50	.55	.50	.47	.44
4.0	.64	.55	.48	.62	.53	.47	.57	.50	.44	.53	.47	.42	.48	.44	.39	.37
5.0	.57	.48	.41	.55	.46	.40	.51	.43	.38	.47	.41	.36	.43	.38	.34	.31
6.0	.51	.42	.35	.49	.41	.34	.46	.38	.33	.42	.36	.31	.39	.34	.30	.27
7.0	.46	.37	.31	.44	.36	.30	.41	.34	.29	.38	.32	.27	.36	.30	.26	.24
8.0	.42	.33	.27	.40	.32	.27	.38	.31	.25	.35	.29	.24	.33	.27	.23	.21
9.0	.38	.30	.24	.37	.29	.24	.34	.28	.23	.32	.26	.22	.30	.25	.21	.19
10.0	.35	.27	.22	.34	.26	.21	.32	.25	.21	.30	.24	.20	.28	.23	.19	.17



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.349	.199	.063	.337	.192	.061	.314	.180	.057	.292	.169	.054	.272	.158	.051	
2.0	.313	.172	.053	.302	.166	.051	.281	.156	.049	.262	.147	.046	.244	.138	.043	
3.0	.283	.151	.045	.273	.146	.044	.254	.138	.042	.236	.130	.040	.220	.122	.038	
4.0	.258	.134	.039	.249	.130	.038	.231	.123	.037	.215	.116	.035	.200	.109	.033	
5.0	.236	.120	.035	.228	.117	.034	.212	.110	.032	.197	.104	.031	.184	.098	.029	
6.0	.217	.109	.031	.210	.106	.030	.195	.100	.029	.182	.095	.028	.170	.089	.027	
7.0	.201	.099	.028	.194	.097	.028	.181	.092	.026	.169	.087	.025	.157	.082	.024	
8.0	.187	.091	.026	.181	.089	.025	.169	.084	.024	.157	.080	.023	.147	.075	.022	
9.0	.175	.085	.024	.169	.082	.023	.158	.078	.022	.147	.074	.021	.138	.070	.020	
10.0	.164	.079	.022	.158	.077	.021	.148	.073	.020	.139	.069	.020	.129	.065	.019	

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.323	.323	.323	.276	.276	.276	.189	.189	.189	.108	.108	.108	.035	.035	.035	
1.0	.317	.290	.265	.271	.249	.228	.185	.171	.158	.107	.099	.092	.034	.032	.030	
2.0	.310	.266	.230	.265	.229	.199	.182	.159	.139	.105	.092	.081	.034	.030	.026	
3.0	.302	.250	.208	.259	.215	.180	.178	.150	.126	.103	.087	.074	.033	.028	.024	
4.0	.295	.237	.193	.253	.205	.168	.174	.143	.118	.101	.084	.070	.032	.027	.023	
5.0	.288	.227	.183	.247	.197	.159	.170	.137	.112	.099	.081	.067	.032	.026	.022	
6.0	.280	.219	.176	.241	.190	.153	.166	.133	.108	.096	.078	.064	.031	.026	.021	
7.0	.274	.213	.170	.235	.184	.148	.163	.129	.105	.094	.076	.063	.031	.025	.021	
8.0	.267	.207	.166	.230	.180	.145	.159	.126	.103	.093	.074	.061	.030	.024	.020	
9.0	.261	.202	.163	.225	.176	.142	.156	.123	.101	.091	.073	.060	.029	.024	.020	
10.0	.255	.198	.160	.220	.172	.140	.153	.121	.099	.089	.072	.059	.029	.024	.020	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	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	11.5	12.9	12.0	13.4	13.9	11.5	12.8	12.0	13.3	13.8
3H	13.5	14.7	14.0	15.2	15.8	13.4	14.6	13.9	15.1	15.7
4H	14.4	15.6	14.9	16.1	16.7	14.3	15.4	14.8	16.0	16.6
6H	15.2	16.3	15.8	16.8	17.5	15.1	16.2	15.6	16.7	17.4
8H	15.6	16.6	16.2	17.2	17.9	15.4	16.5	16.0	17.1	17.7
12H	16.0	17.0	16.6	17.6	18.3	15.9	16.9	16.4	17.5	18.1
4H 2H	12.2	13.4	12.7	13.9	14.5	12.1	13.3	12.7	13.9	14.5
3H	14.3	15.3	14.9	15.9	16.6	14.3	15.3	14.8	15.9	16.5
4H	15.4	16.3	16.0	16.9	17.6	15.3	16.2	15.9	16.8	17.5
6H	16.3	17.2	17.0	17.8	18.5	16.2	17.1	16.9	17.7	18.4
8H	16.8	17.6	17.5	18.2	19.0	16.7	17.5	17.3	18.1	18.8
12H	17.4	18.1	18.0	18.7	19.5	17.2	17.9	17.9	18.6	19.3
8H 4H	15.7	16.5	16.4	17.1	17.9	15.6	16.4	16.3	17.1	17.8
6H	16.9	17.6	17.6	18.2	19.0	16.8	17.5	17.5	18.1	18.9
8H	17.6	18.1	18.3	18.8	19.6	17.4	18.0	18.1	18.7	19.5
12H	18.3	18.8	19.0	19.5	20.3	18.1	18.6	18.9	19.3	20.2
12H 4H	15.8	16.5	16.4	17.1	17.9	15.7	16.4	16.4	17.1	17.8
6H	17.0	17.6	17.7	18.3	19.1	16.9	17.5	17.6	18.2	19.0
8H	17.8	18.3	18.5	19.0	19.8	17.6	18.1	18.4	18.9	19.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 2498 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.2)  
 Area: 0.7389 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

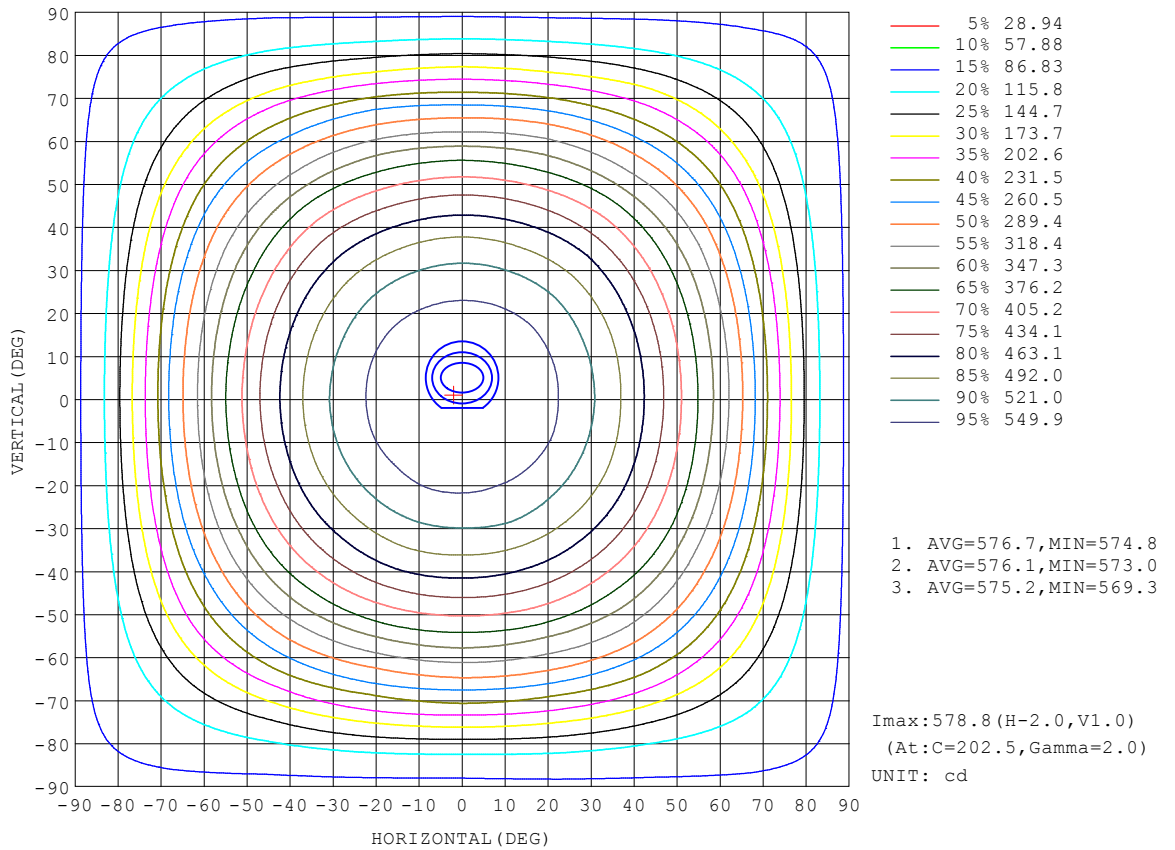
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	37	30	48	37	30	46	36	29	22
0.80	59	46	38	57	45	38	54	44	37	29
1.00	67	54	46	65	53	46	61	54	44	36
1.25	74	62	54	71	60	53	67	58	51	41
1.50	79	68	59	76	66	58	71	63	56	46
2.00	86	76	68	83	74	67	77	70	64	52
2.50	91	81	74	87	79	72	81	74	69	56
3.00	94	86	79	91	83	77	84	78	73	60
4.00	99	92	86	95	89	83	88	83	78	64
5.00	102	96	90	98	92	87	90	86	82	67
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:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:



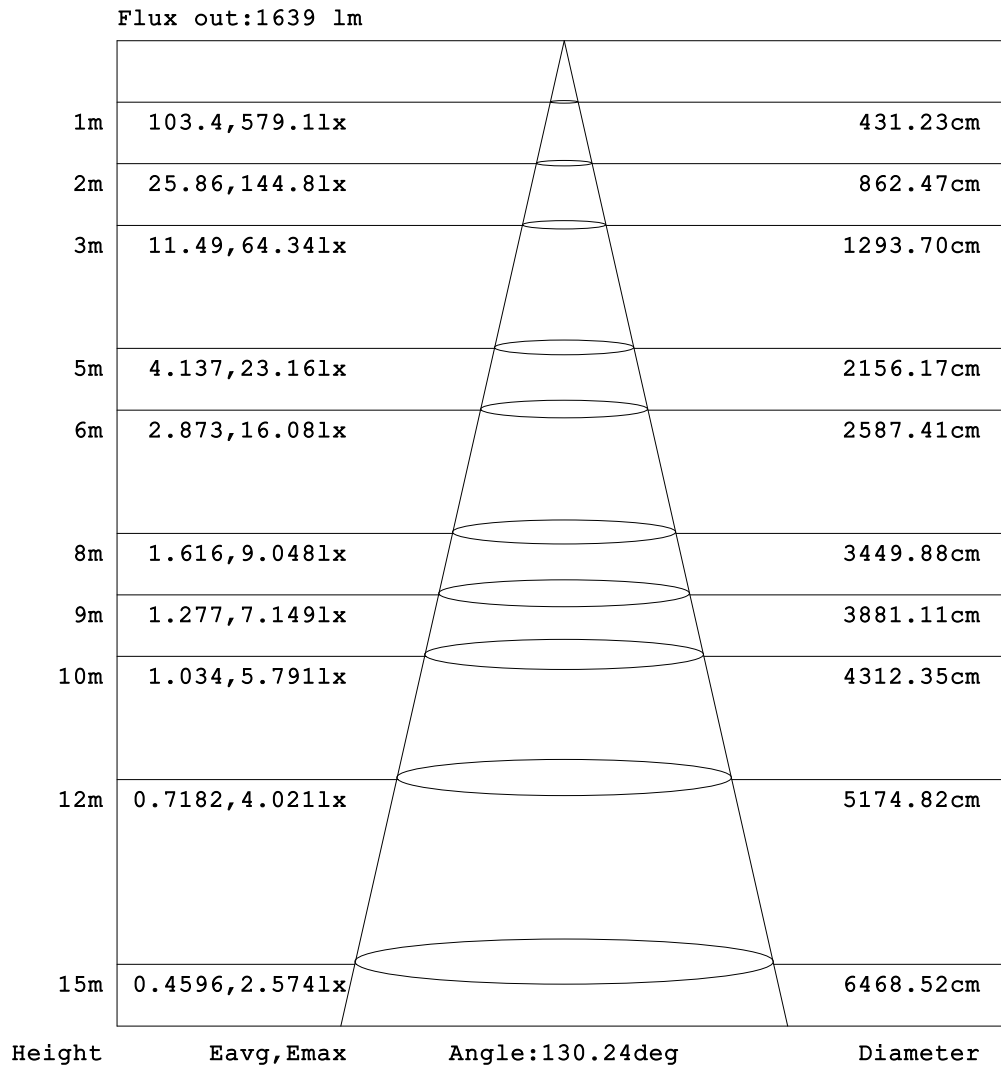
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:



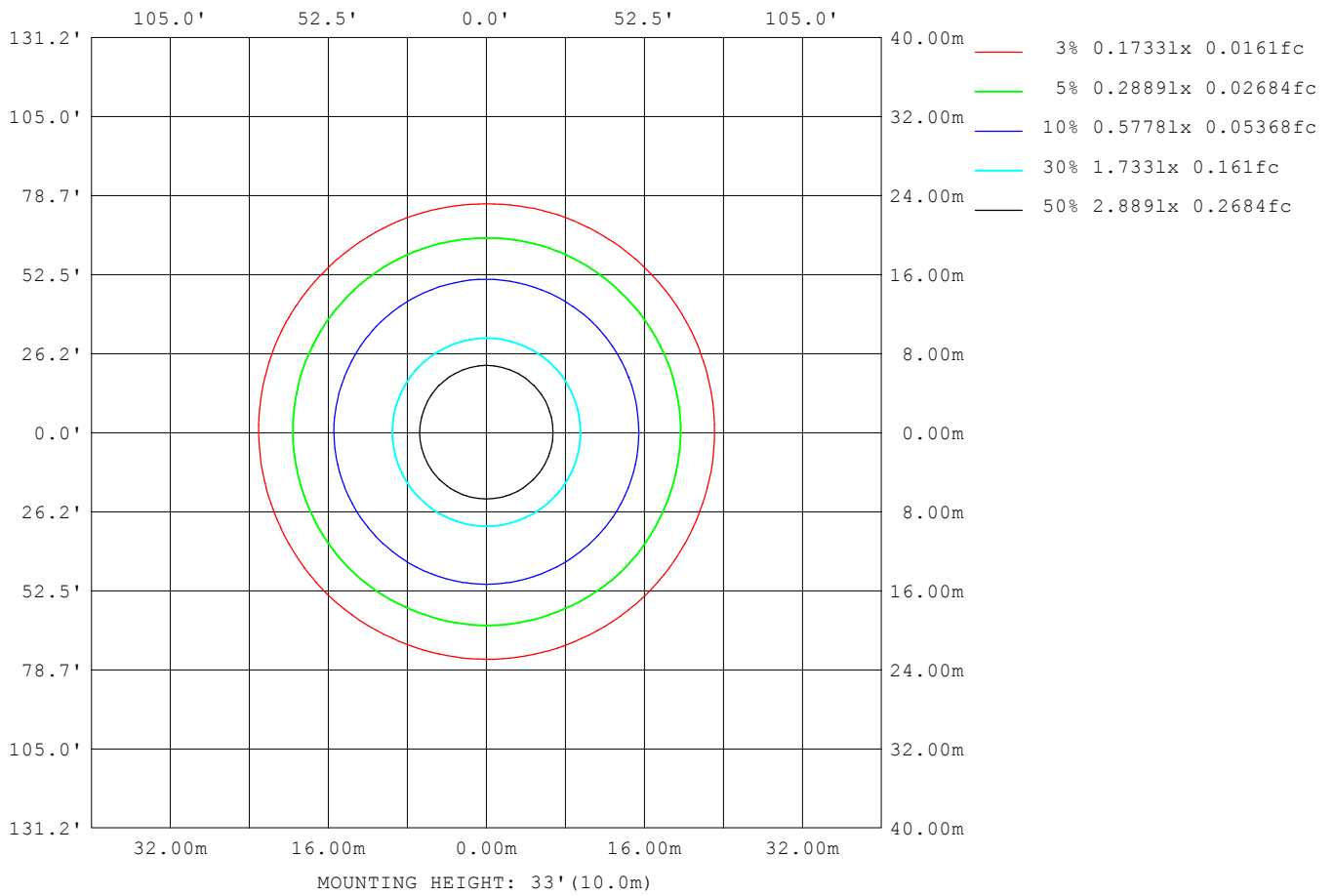
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

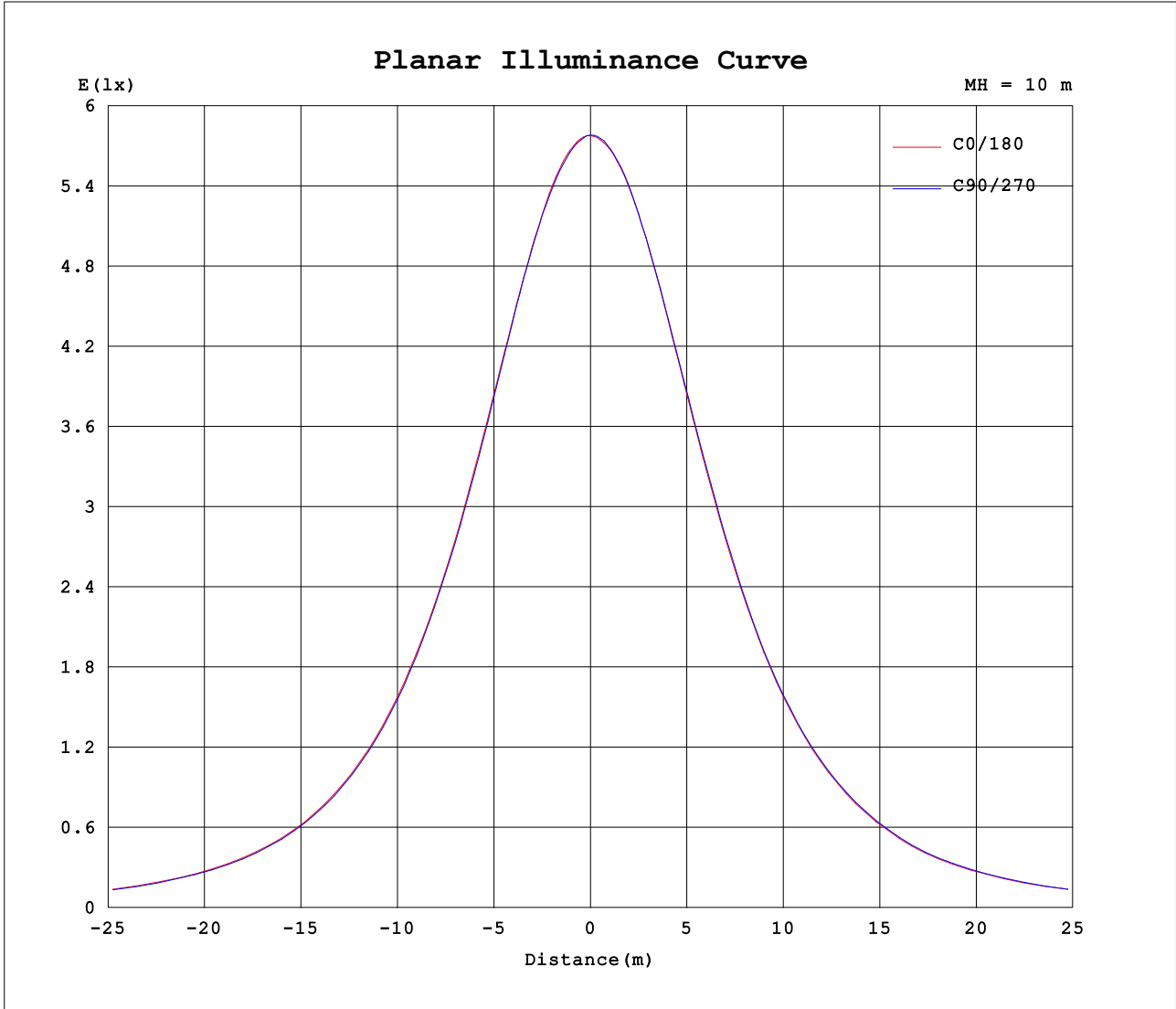
AvgL	cd/m2
L_0~180 (65) av	928
L_0~180 (75) av	992
L_0~180 (85) av	1613
L_90~270 (65) av	930
L_90~270 (75) av	1001
L_90~270 (85) av	1612
L_45 (65) av	928
L_45 (75) av	1003
L_45 (85) av	1609

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:admin  
 Test Date:2022-03-16

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:8.780m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.3841A P:41.844W PF:0.9055 Freq:0Hz Lamp Flux:2497.94x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-3500K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (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	578	579	578	577	578	578	578	578	578	579	578	577	578	578	578	578			
5	577	576	577	577	576	576	577	577	576	577	577	577	577	578	577	577			
10	573	572	573	573	571	572	572	573	573	573	573	574	574	574	573	573			
15	566	567	566	565	565	567	565	566	566	566	567	567	567	567	567	568			
20	556	557	555	554	554	555	554	555	556	557	558	557	557	557	558	558			
25	542	542	541	540	539	540	540	541	542	543	545	543	544	544	544	543			
30	524	523	522	523	520	522	522	523	524	525	526	526	528	527	527	525			
35	502	502	500	500	498	500	499	501	503	502	504	505	506	504	505	503			
40	476	477	474	473	472	474	473	474	477	477	478	479	480	480	480	478			
45	446	445	443	443	441	442	442	444	447	448	450	449	451	450	451	448			
50	413	411	409	409	408	408	408	411	413	413	416	416	417	416	416	415			
55	375	376	372	371	370	371	371	373	376	375	379	379	381	379	379	377			
60	335	330	333	328	328	327	329	329	330	335	336	338	336	339	335	336			
65	292	288	290	288	288	283	285	285	288	292	292	294	293	296	292	294			
70	242	240	241	235	240	233	237	237	239	244	246	247	245	246	244	244			
75	191	190	188	187	187	185	185	188	188	193	197	197	196	195	199	192			
80	141	141	138	137	136	136	137	139	141	143	147	146	148	146	145	143			
85	104	104	102	102	100	101	100	102	104	105	107	106	107	106	106	104			
90	83.3	83.6	83.1	83.0	82.3	82.1	81.8	82.7	83.1	83.4	83.8	83.2	83.4	82.7	82.8	82.3			
95	81.4	81.9	82.1	82.0	81.8	81.2	81.0	81.1	80.7	80.7	79.6	79.4	79.1	78.9	79.4	79.8			
100	82.1	82.3	82.0	82.3	82.1	81.5	81.1	81.5	81.4	81.0	79.1	79.4	79.4	79.1	79.2	80.2			
105	82.4	82.2	81.4	81.3	81.0	80.7	80.3	81.5	81.6	80.8	78.1	78.6	78.5	78.4	78.5	80.3			
110	82.1	80.9	80.2	80.3	79.9	79.5	78.8	80.2	81.3	79.6	77.2	77.4	77.3	77.3	77.4	79.5			
115	78.0	76.7	78.5	78.7	78.8	77.9	77.2	75.9	76.8	75.7	76.0	75.9	76.3	75.7	76.4	76.2			
120	72.9	72.7	76.2	76.2	76.7	75.5	75.2	71.7	71.7	71.5	74.3	73.8	74.3	73.7	74.4	71.8			
125	71.8	69.4	72.3	72.8	73.8	71.7	71.6	68.4	70.4	68.1	71.6	70.8	71.9	71.0	71.6	68.2			
130	69.7	66.5	66.7	69.1	70.4	67.4	66.3	65.7	68.4	65.1	66.4	67.6	69.1	67.8	66.6	65.1			
135	66.9	63.4	61.5	64.4	67.0	62.4	61.8	62.5	66.1	62.0	61.7	63.9	66.3	64.2	62.0	61.9			
140	63.5	58.7	58.0	57.6	61.5	55.6	57.7	59.1	63.2	58.6	58.1	58.0	62.7	59.0	58.0	58.4			
145	59.6	55.6	54.7	52.2	56.0	52.1	53.3	56.0	58.9	55.0	54.3	52.3	58.0	53.2	54.4	55.5			
150	55.3	52.6	51.2	49.8	51.9	49.2	50.1	52.3	54.4	51.8	51.2	49.8	52.8	50.2	50.2	52.3			
155	50.8	48.9	47.3	46.4	47.0	45.8	46.6	48.8	49.9	48.5	47.6	47.1	48.2	46.8	47.1	49.3			
160	47.0	45.8	43.5	42.2	42.9	43.4	42.9	44.4	45.9	43.8	44.4	44.8	44.1	43.0	43.9	45.7			
165	43.4	42.3	40.5	39.0	40.2	40.0	39.7	40.9	42.5	40.4	40.9	42.0	41.3	38.9	40.1	41.6			
170	41.8	43.2	42.0	38.8	40.3	41.4	41.9	40.3	41.3	40.1	42.6	42.2	40.4	38.8	40.7	41.6			
175	38.2	41.8	39.3	39.2	41.9	42.1	39.5	39.8	41.4	39.1	39.5	42.1	41.6	39.1	39.5	41.7			
180	42.2	40.0	39.8	40.9	43.4	40.9	40.3	40.7	42.2	40.0	39.8	40.9	43.4	40.9	40.3	40.6			

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 Test Speed: HIGH  
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