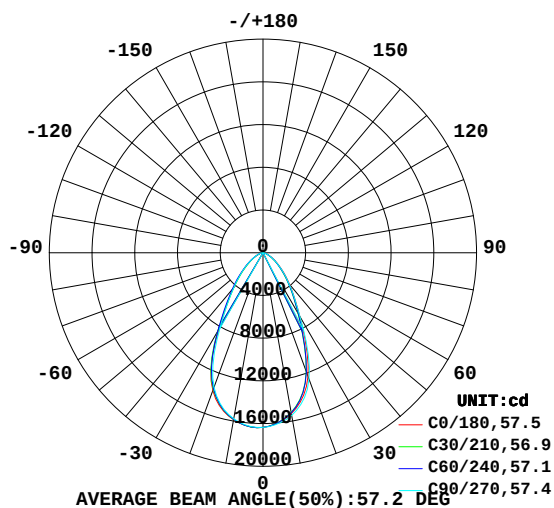


LUMINAIRE PHOTOMETRIC TEST REPORT

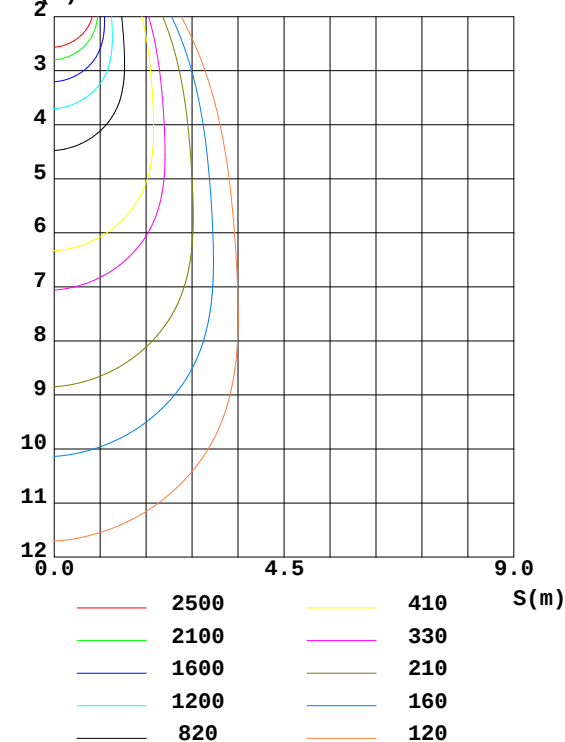
Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm		
NAME: AHBL150W	TYPE:LED	WEIGHT:3.11
SPEC.:60D	DIM.: 345*345*155	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.72 lm/W			
MODEL	AHBL150W	I _{max} (cd)	16395	S/MH(C0/180)	0.91
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	0.90
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	18726	η UP, DN(C0-180)	0.4, 47.6
NOMINAL FLUX(lm)	18725.7	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.4, 51.6
LAMPS INSIDE	1	η up(%)	0.8	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120.0	η down(%)	99.2	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Admin
 Test Date: 2019-03-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
 Humidity: 65.0%
 Test Distance: 8.320m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

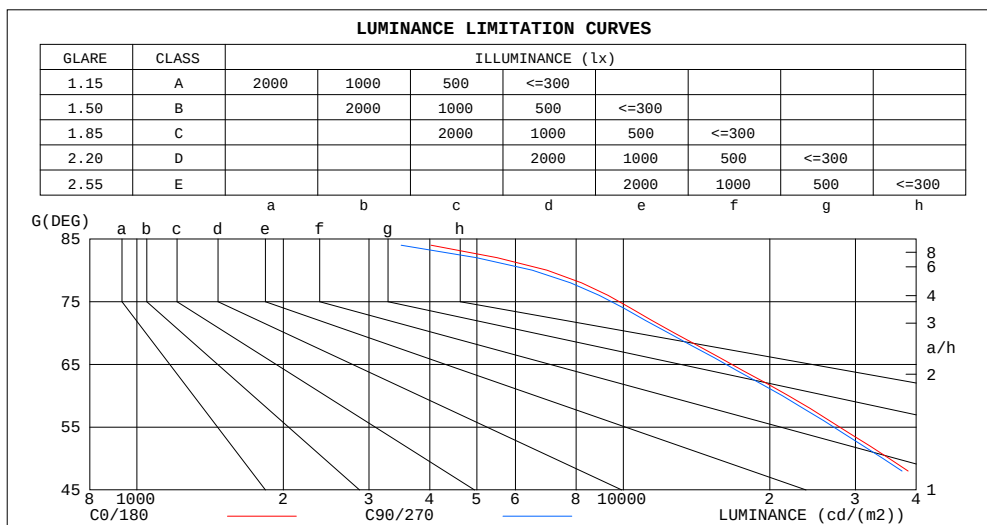
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1530	1520	1546	1576	1588	1585	1579	1563	0- 10	1525	1525	8.15, 8.15
20	1233	1185	1261	1358	1375	1359	1341	1327	10- 20	4082	5608	29.9, 29.9
30	691.3	661.7	697.5	795.2	826.4	849.0	801.6	791.9	20- 30	4783	10390	55.5, 55.5
40	387.3	368.5	382.1	406.1	430.8	439.0	424.1	401.9	30- 40	3492	13882	74.1, 74.1
50	210.1	196.6	205.3	212.3	228.0	228.9	229.6	212.9	40- 50	2314	16197	86.5, 86.5
60	101.5	95.77	99.19	102.8	110.4	110.9	114.1	103.5	50- 60	1378	17574	93.9, 93.9
70	40.46	38.56	39.59	41.45	44.60	45.66	46.73	42.24	60- 70	690.3	18265	97.5, 97.5
80	11.24	10.46	10.55	11.65	13.25	14.15	14.39	12.60	70- 80	271.3	18536	99, 99
90	0.1527	0.1564	0.1583	0.1449	0.1511	0.1515	0.1536	0.1533	80- 90	45.68	18582	99.2, 99.2
100	0.3417	0.3507	0.3524	0.3236	0.3350	0.3250	0.3275	0.3430	90-100	2.529	18584	99.2, 99.2
110	0.7356	0.7451	0.7420	0.6745	0.7150	0.6772	0.7003	0.7248	100-110	5.325	18590	99.3, 99.3
120	1.399	1.456	1.452	1.345	1.334	1.312	1.365	1.429	110-120	10.09	18600	99.3, 99.3
130	2.500	2.574	2.540	2.379	2.371	2.288	2.396	2.538	120-130	16.83	18616	99.4, 99.4
140	3.958	4.027	3.984	3.795	3.754	3.656	3.745	3.954	130-140	24.11	18641	99.5, 99.5
150	5.447	5.485	5.458	5.206	5.282	5.192	5.237	5.435	140-150	28.75	18669	99.7, 99.7
160	6.813	6.889	6.783	6.537	6.652	6.640	6.581	6.744	150-160	27.73	18697	99.8, 99.8
170	8.157	8.148	8.045	7.878	8.014	7.927	7.913	8.001	160-170	20.68	18718	100, 100
180	8.889	8.786	8.742	8.680	8.886	8.781	8.719	8.692	170-180	7.958	18726	100, 100
DEG	LUMINOUS INTENSITY: ×10cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Admin
 Test Date: 2019-03-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
 Humidity: 65.0%
 Test Distance: 8.320m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm		
NAME: AHBL150W	TYPE: LED	WEIGHT:3.11
SPEC.:60D	DIM.: 345*345*155	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4828	4190
80	6965	6496
75	11009	10661
70	12728	12380
65	18282	17778
60	21838	21216
55	29925	29080
50	35166	34157
45	46662	45749

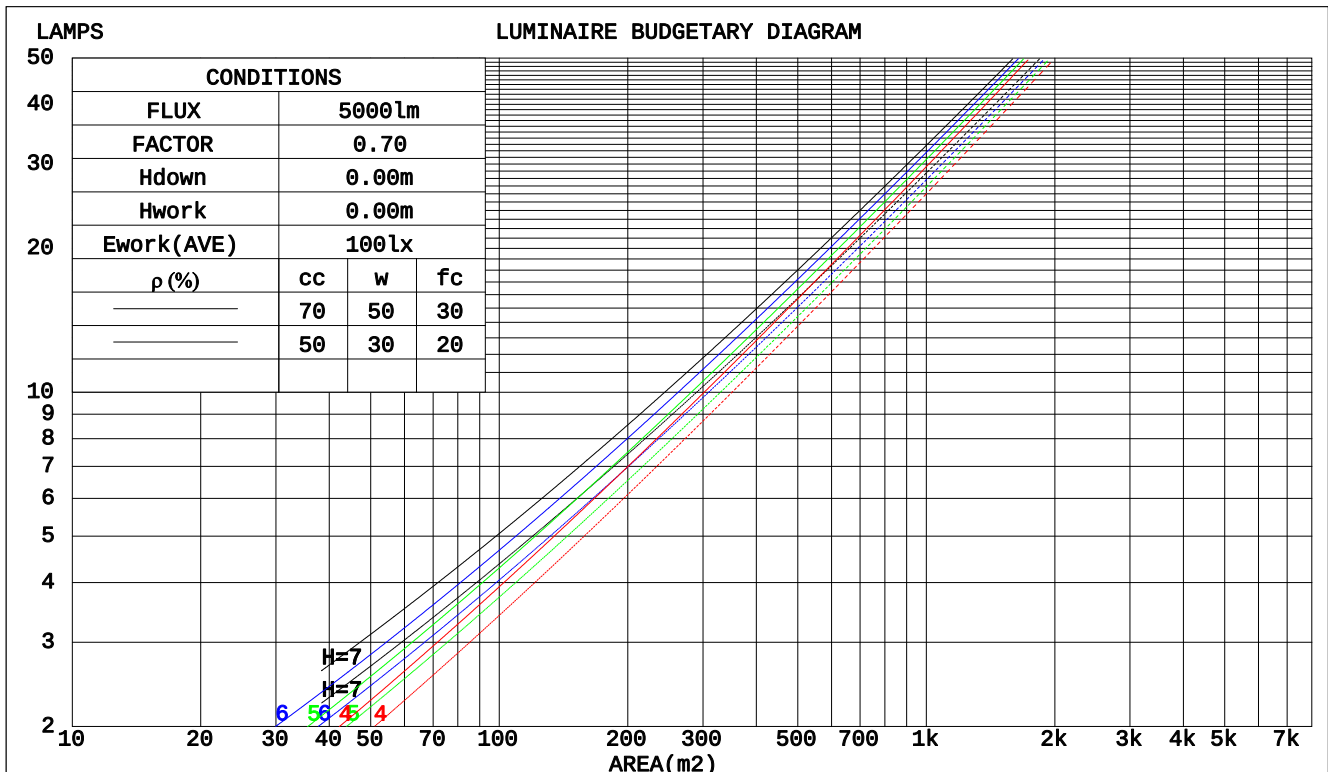
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Admin
Test Date:2019-03-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.320m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm		
NAME: AHBL150W	TYPE:LED	WEIGHT:3.11
SPEC.:60D	DIM.: 345*345*155	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

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	1.19	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	1.06	1.04	1.01	1.02	.99	.98	.98	.97	.95	.95	.93	.92	.90
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.91	.88	.85	.88	.85	.83	.81
3.0	.91	.85	.80	.89	.84	.79	.86	.82	.78	.84	.80	.77	.81	.78	.75	.73
4.0	.83	.77	.72	.82	.76	.71	.80	.74	.70	.78	.73	.69	.76	.72	.68	.67
5.0	.77	.70	.65	.76	.69	.65	.74	.68	.64	.72	.67	.63	.70	.66	.63	.61
6.0	.71	.64	.59	.70	.64	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.54	.66	.59	.54	.64	.58	.54	.63	.57	.54	.61	.57	.53	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.48
9.0	.58	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.50	.46	.44
10.0	.54	.48	.44	.54	.48	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.42



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Admin
 Test Date:2019-03-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.320m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm					
NAME: AHBL150W			TYPE:LED		WEIGHT:3.11
SPEC.:60D			DIM.: 345*345*155		SERIAL No.:001
MFR.:			SUR.:		Shielding Angle:120

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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.214	.122	.039	.207	.118	.038	.194	.111	.036	.182	.105	.034	.171	.099	.032		
2.0	.207	.113	.035	.200	.110	.034	.189	.105	.033	.179	.100	.031	.169	.096	.030		
3.0	.196	.104	.031	.191	.102	.031	.181	.098	.030	.172	.094	.029	.163	.090	.028		
4.0	.185	.096	.028	.181	.095	.028	.172	.091	.027	.164	.088	.027	.157	.085	.026		
5.0	.175	.089	.026	.171	.088	.026	.163	.085	.025	.156	.082	.025	.150	.080	.024		
6.0	.165	.083	.024	.162	.082	.024	.155	.079	.023	.149	.077	.023	.143	.075	.022		
7.0	.157	.077	.022	.153	.076	.022	.147	.075	.021	.142	.073	.021	.136	.071	.021		
8.0	.148	.073	.020	.146	.072	.020	.140	.070	.020	.135	.068	.020	.130	.067	.020		
9.0	.141	.068	.019	.139	.068	.019	.134	.066	.019	.129	.065	.019	.125	.063	.018		
10.0	.134	.064	.018	.132	.064	.018	.128	.063	.018	.123	.061	.017	.120	.060	.017		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.196	.196	.196	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.180	.163	.148	.154	.140	.127	.105	.096	.088	.061	.056	.051	.019	.018	.017	
2.0	.167	.138	.114	.143	.119	.099	.098	.082	.069	.056	.048	.040	.018	.015	.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	.139	.094	.061	.119	.082	.053	.082	.057	.038	.048	.034	.022	.015	.011	.007	
6.0	.132	.085	.052	.113	.074	.045	.078	.052	.032	.045	.030	.019	.015	.010	.006	
7.0	.126	.078	.045	.108	.068	.039	.075	.048	.028	.043	.028	.017	.014	.009	.005	
8.0	.120	.072	.040	.103	.063	.034	.071	.044	.024	.041	.026	.015	.013	.008	.005	
9.0	.114	.067	.035	.099	.058	.031	.068	.041	.022	.040	.024	.013	.013	.008	.004	
10.0	.109	.063	.032	.094	.055	.028	.065	.038	.020	.038	.023	.012	.012	.007	.004	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Admin
Test Date:2019-03-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.320m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm										
NAME: AHBL150W					TYPE: LED			WEIGHT: 3.11		
SPEC.: 60D					DIM.: 345*345*155			SERIAL No.: 001		
MFR.:					SUR.:			Shielding Angle: 120		
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	11.9	13.1	12.2	13.3	13.5	11.9	13.1	12.2	13.3	13.5
3H	12.3	13.3	12.6	13.6	13.8	12.3	13.3	12.6	13.5	13.8
4H	12.4	13.4	12.7	13.6	13.9	12.4	13.3	12.7	13.6	13.8
6H	12.4	13.3	12.7	13.6	13.9	12.4	13.3	12.7	13.5	13.8
8H	12.4	13.3	12.7	13.5	13.8	12.3	13.2	12.7	13.5	13.8
12H	12.3	13.2	12.7	13.5	13.8	12.3	13.1	12.6	13.4	13.7
4H 2H	12.1	13.0	12.4	13.3	13.5	12.1	13.0	12.4	13.3	13.5
3H	12.5	13.4	12.9	13.7	14.0	12.5	13.4	12.8	13.6	13.9
4H	12.7	13.4	13.0	13.8	14.1	12.6	13.4	13.0	13.7	14.1
6H	12.7	13.4	13.1	13.8	14.1	12.7	13.4	13.1	13.7	14.1
8H	12.7	13.3	13.1	13.7	14.1	12.7	13.3	13.1	13.7	14.1
12H	12.7	13.2	13.1	13.6	14.0	12.6	13.2	13.1	13.6	14.0
8H 4H	12.6	13.3	13.1	13.6	14.0	12.6	13.2	13.0	13.6	14.0
6H	12.7	13.3	13.2	13.7	14.1	12.7	13.2	13.1	13.6	14.1
8H	12.7	13.2	13.2	13.6	14.1	12.7	13.1	13.2	13.6	14.0
12H	12.7	13.1	13.2	13.6	14.0	12.7	13.0	13.1	13.5	14.0
12H 4H	12.6	13.2	13.0	13.6	14.0	12.6	13.2	13.0	13.5	14.0
6H	12.7	13.2	13.2	13.6	14.1	12.7	13.1	13.1	13.6	14.0
8H	12.7	13.1	13.2	13.6	14.0	12.7	13.1	13.2	13.5	14.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 1.1					+ 0.8 / - 1.2				
1.5H	+ 0.9 / - 0.8					+ 0.8 / - 0.6				
2.0H	+ 1.9 / - 1.7					+ 1.8 / - 1.6				

CIE Pub.117, 18726 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.2)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Admin
Test Date: 2019-03-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
Humidity: 65.0%
Test Distance: 8.320m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm		
NAME: AHBL150W	TYPE: LED	WEIGHT:3.11
SPEC.:60D	DIM.: 345*345*155	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

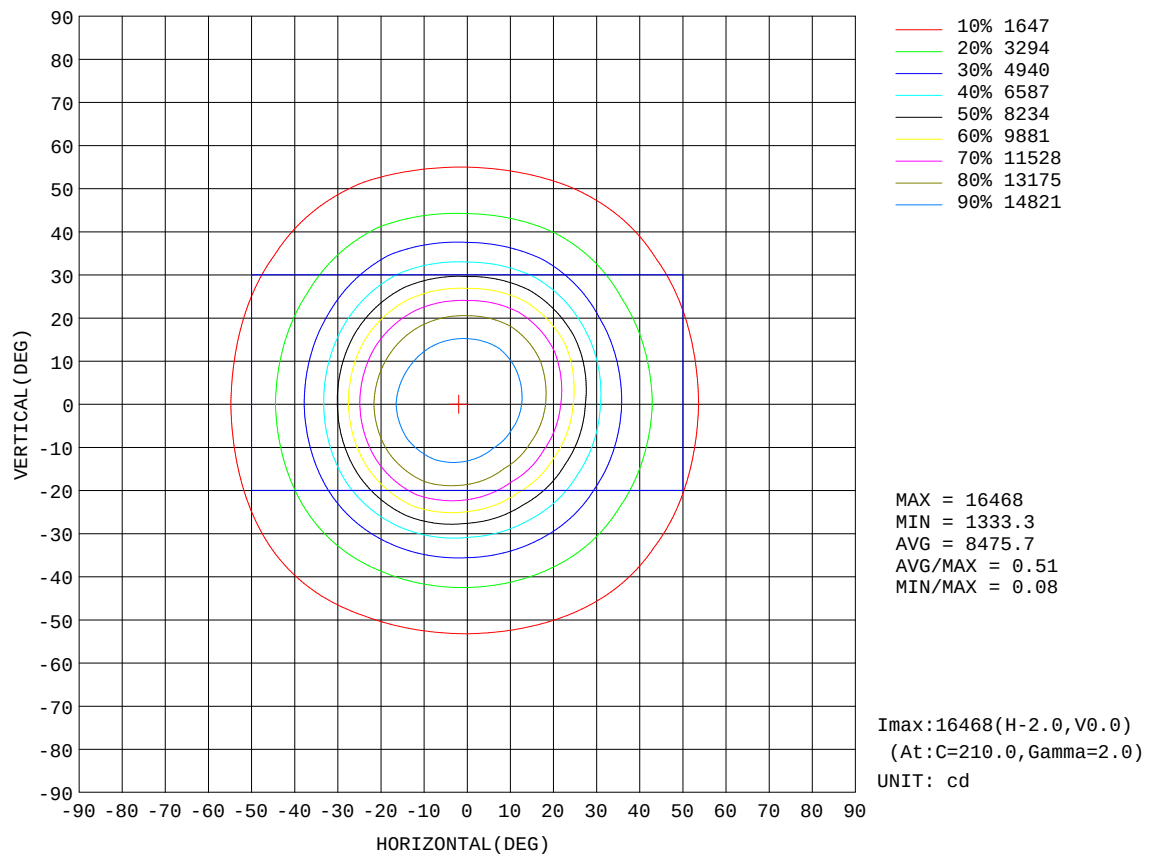
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	75	67	62	75	67	62	74	66	61	57
0.80	84	76	71	83	76	71	82	75	70	65
1.00	91	83	78	90	82	78	88	83	77	72
1.25	96	89	84	95	88	84	92	87	83	78
1.50	100	93	89	98	92	88	96	91	87	81
2.00	104	98	94	102	97	93	99	95	92	85
2.50	106	101	97	105	100	96	101	97	94	87
3.00	109	104	100	107	102	99	103	100	97	90
4.00	111	107	104	109	106	103	105	102	100	92
5.00	113	110	107	110	108	105	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Admin
Test Date:2019-03-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.320m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm		
NAME: AHBL150W	TYPE: LED	WEIGHT:3.11
SPEC.:60D	DIM.: 345*345*155	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

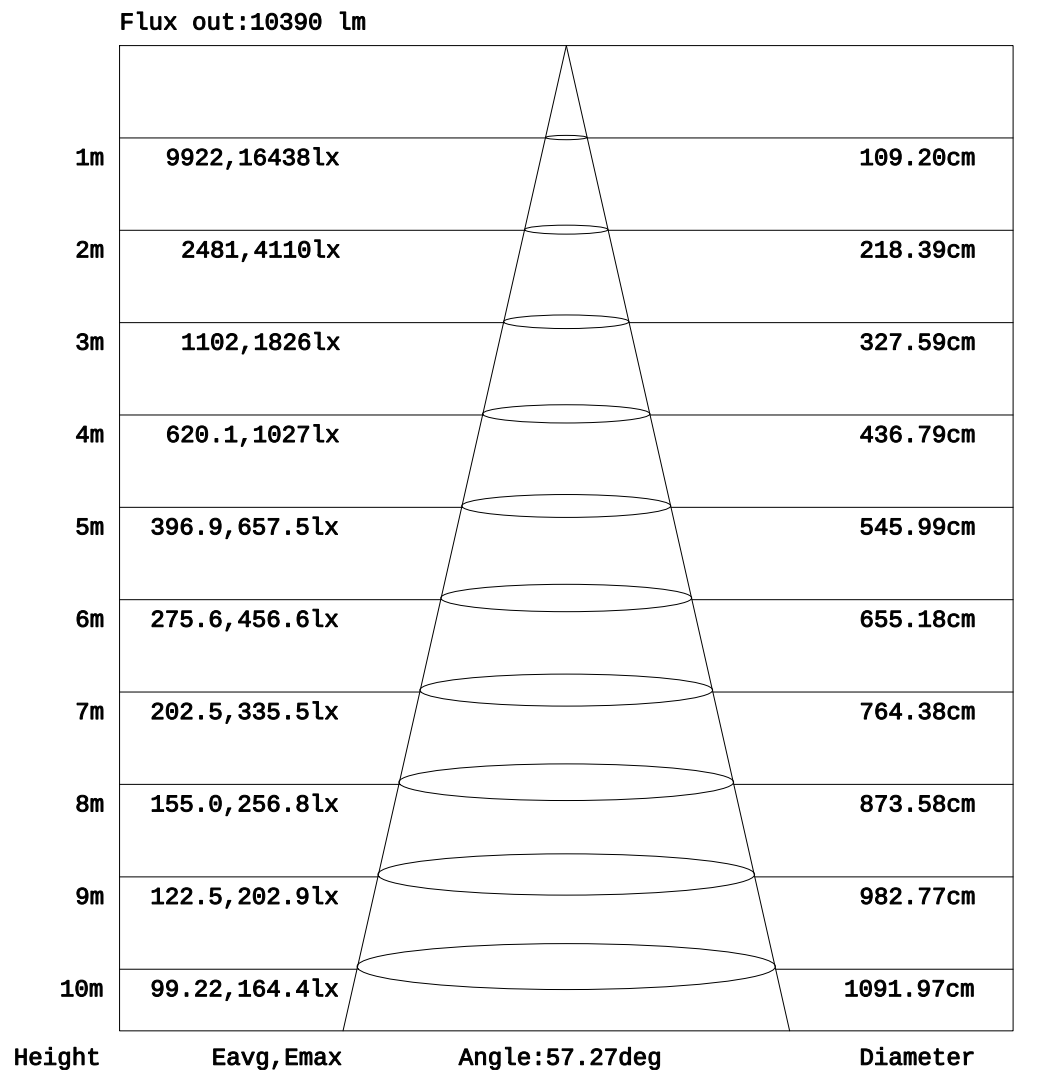


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Admin
Test Date:2019-03-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.320m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm		
NAME: AHBL150W	TYPE: LED	WEIGHT:3.11
SPEC.:60D	DIM.: 345*345*155	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120



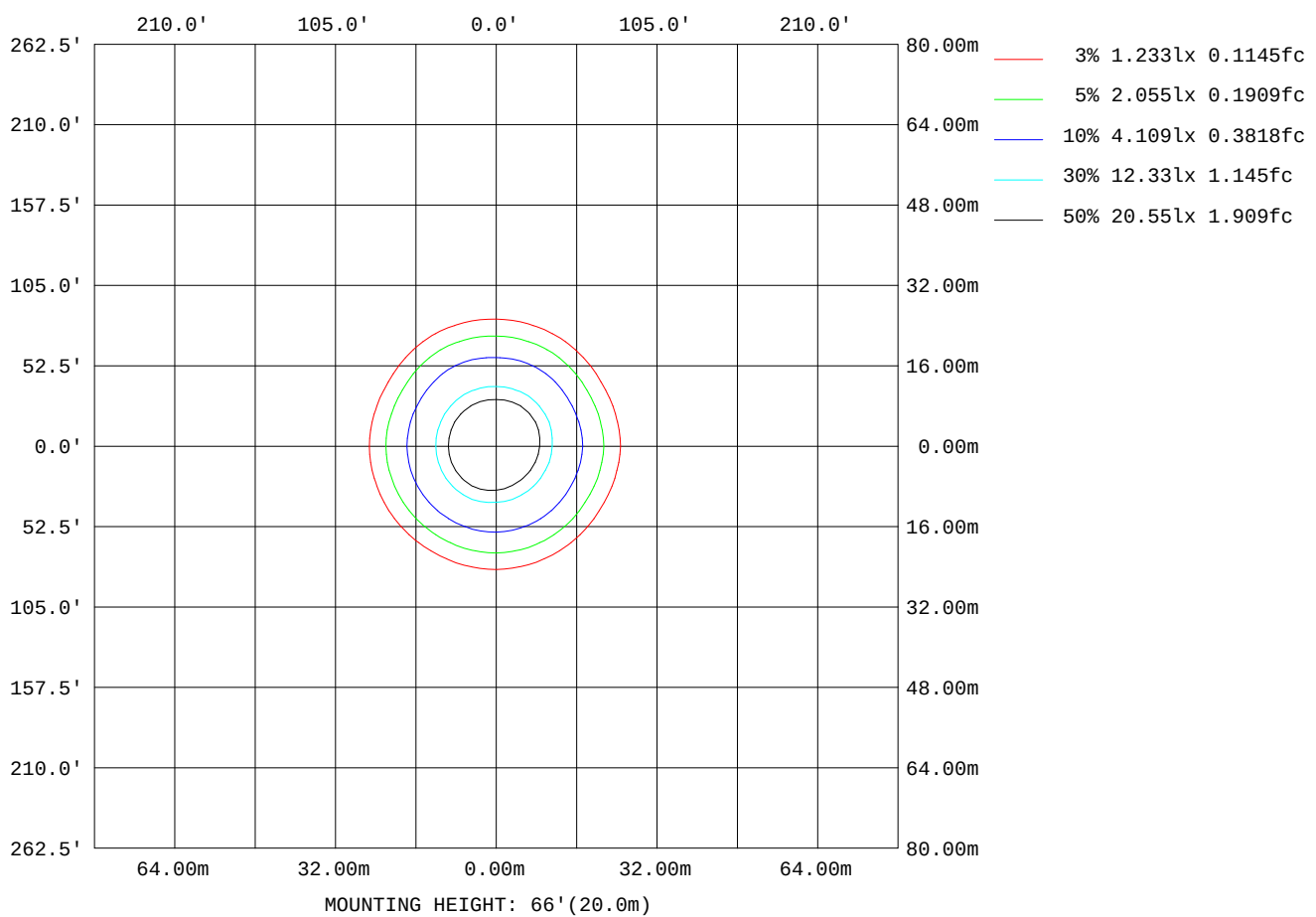
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Admin
 Test Date: 2019-03-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
 Humidity: 65.0%
 Test Distance: 8.320m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm		
NAME: AHBL150W	TYPE: LED	WEIGHT:3.11
SPEC.:60D	DIM.: 345*345*155	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Admin
Test Date:2019-03-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.320m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.00V I:0.6925A P:151.35W PF:0.9804 Freq:49.99Hz Lamp Flux:18725.7x1 lm		
NAME: AHBL150W	TYPE:LED	WEIGHT:3.11
SPEC.:60D	DIM.: 345*345*155	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

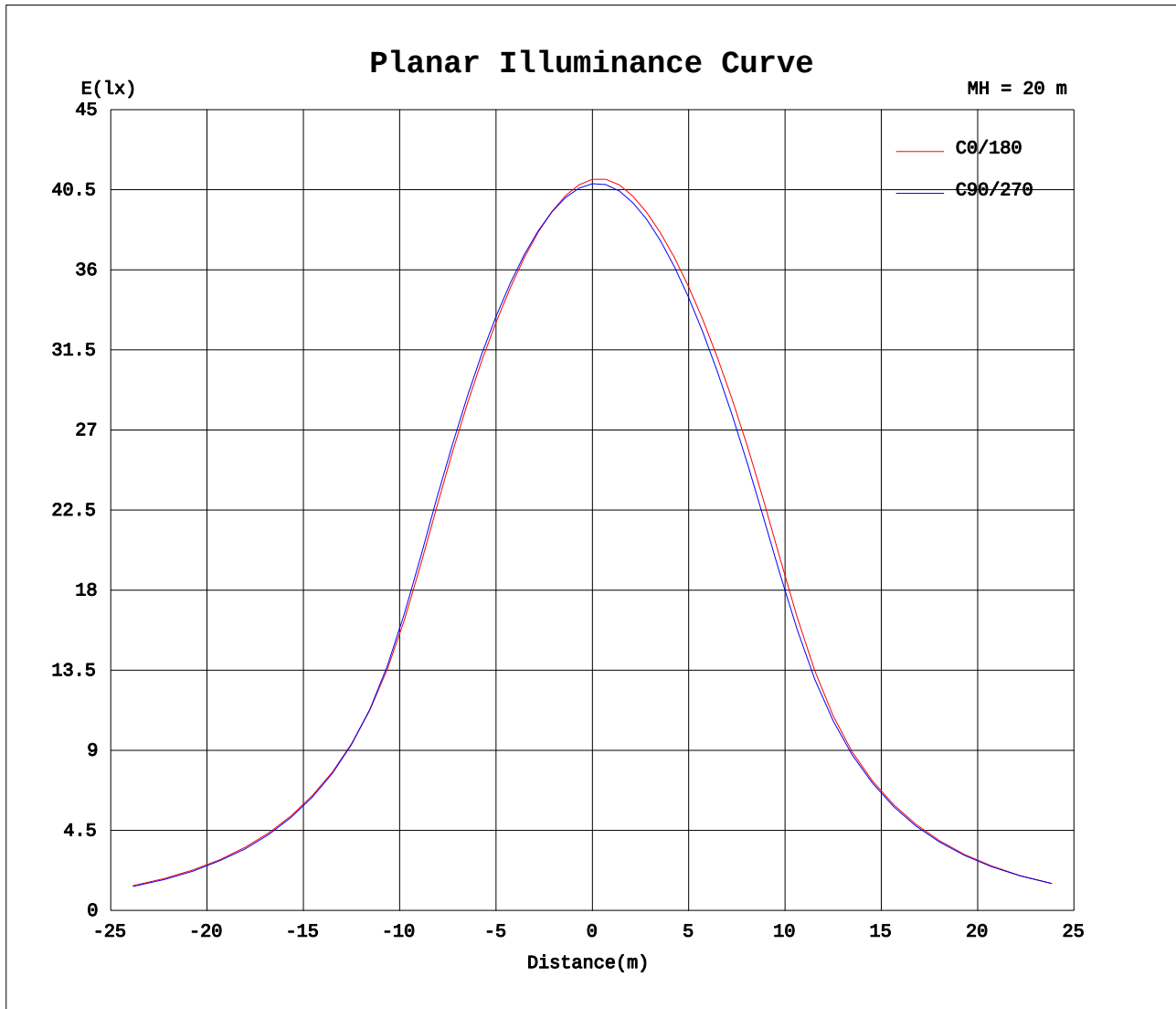
AvgL	cd/m2
L_0~180(65)av	17430
L_0~180(75)av	10347
L_0~180(85)av	3860
L_90~270(65)av	17633
L_90~270(75)av	10457
L_90~270(85)av	3918
L_45(65)av	17034
L_45(75)av	10273
L_45(85)av	3778

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Admin
 Test Date:2019-03-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.320m [K=1.0000]
 Remarks:

Planar Illuminance Curve



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C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
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 γ Interval: 2.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.404.7
Humidity: 65.0%
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1636	1636	1636	1636	1636	1636	1636	1636	1636	1636	1636	1636						
5	1611	1608	1609	1616	1623	1630	1635	1636	1635	1631	1627	1619						
10	1530	1518	1522	1546	1569	1584	1588	1585	1585	1579	1572	1553						
15	1442	1422	1426	1465	1504	1527	1529	1521	1519	1512	1505	1480						
20	1233	1183	1188	1261	1339	1376	1375	1363	1355	1341	1343	1310						
25	1016	956	962	1046	1153	1192	1200	1202	1188	1156	1173	1135						
30	691	658	665	697	776	814	826	848	850	802	817	767						
35	544	521	526	543	581	615	623	633	651	615	614	570						
40	387	365	372	382	395	417	431	427	451	424	419	385						
45	307	286	291	303	306	324	337	330	352	334	326	300						
50	210	194	199	205	206	219	228	220	238	230	222	204						
55	160	148	152	156	156	166	173	166	181	176	169	155						
60	101	94.5	97.1	99.2	99.1	107	110	106	115	114	108	99.3						
65	71.8	67.4	68.8	70.3	70.4	75.9	78.7	76.4	82.7	81.8	77.1	70.8						
70	40.5	38.4	38.7	39.6	39.8	43.1	44.6	44.1	47.2	46.7	44.0	40.4						
75	26.5	25.5	25.4	25.8	26.1	28.9	29.5	29.4	31.3	30.8	29.3	26.7						
80	11.2	10.6	10.3	10.5	10.9	12.4	13.2	13.8	14.5	14.4	13.4	11.8						
85	3.91	3.55	3.26	3.41	3.66	4.64	5.19	5.33	5.93	5.79	5.33	4.28						
90	0.15	0.15	0.16	0.16	0.15	0.14	0.15	0.15	0.15	0.15	0.15	0.15						
95	0.21	0.21	0.22	0.22	0.21	0.20	0.21	0.20	0.20	0.20	0.21	0.21						
100	0.34	0.34	0.36	0.35	0.33	0.32	0.34	0.33	0.32	0.33	0.33	0.35						
105	0.47	0.47	0.49	0.48	0.45	0.43	0.46	0.44	0.44	0.45	0.46	0.48						
110	0.74	0.73	0.76	0.74	0.69	0.66	0.72	0.68	0.67	0.70	0.71	0.74						
115	0.95	0.98	1.01	0.99	0.92	0.87	0.92	0.90	0.89	0.93	0.95	0.99						
120	1.40	1.43	1.48	1.45	1.38	1.31	1.33	1.32	1.30	1.36	1.40	1.46						
125	1.79	1.86	1.88	1.84	1.76	1.67	1.70	1.66	1.65	1.73	1.79	1.85						
130	2.50	2.57	2.58	2.54	2.45	2.31	2.37	2.29	2.28	2.40	2.49	2.59						
135	3.05	3.11	3.12	3.10	3.00	2.83	2.90	2.80	2.79	2.91	3.03	3.15						
140	3.96	4.04	4.02	3.98	3.88	3.71	3.75	3.67	3.64	3.74	3.88	4.03						
145	4.56	4.66	4.66	4.58	4.45	4.27	4.37	4.28	4.25	4.33	4.48	4.64						
150	5.45	5.48	5.49	5.46	5.28	5.13	5.28	5.21	5.17	5.24	5.34	5.53						
155	6.01	6.04	6.04	6.02	5.82	5.66	5.85	5.83	5.78	5.79	5.88	6.08						
160	6.81	6.88	6.90	6.78	6.60	6.47	6.65	6.64	6.64	6.58	6.68	6.81						
165	7.37	7.43	7.44	7.28	7.13	7.02	7.20	7.16	7.17	7.15	7.19	7.31						
170	8.16	8.18	8.11	8.04	7.93	7.83	8.01	7.92	7.94	7.91	7.97	8.03						
175	8.58	8.57	8.50	8.42	8.34	8.29	8.49	8.37	8.33	8.35	8.38	8.42						
180	8.89	8.81	8.76	8.74	8.70	8.66	8.89	8.81	8.76	8.72	8.71	8.67						

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