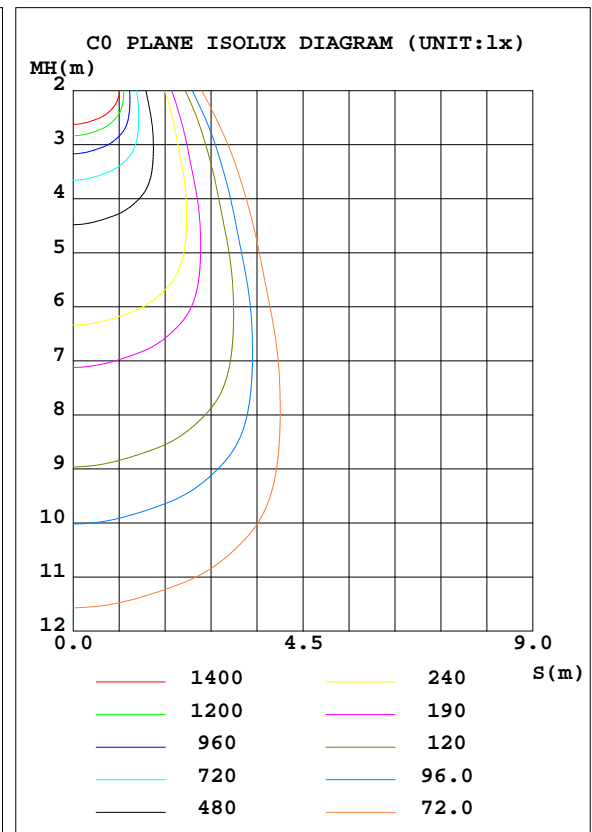
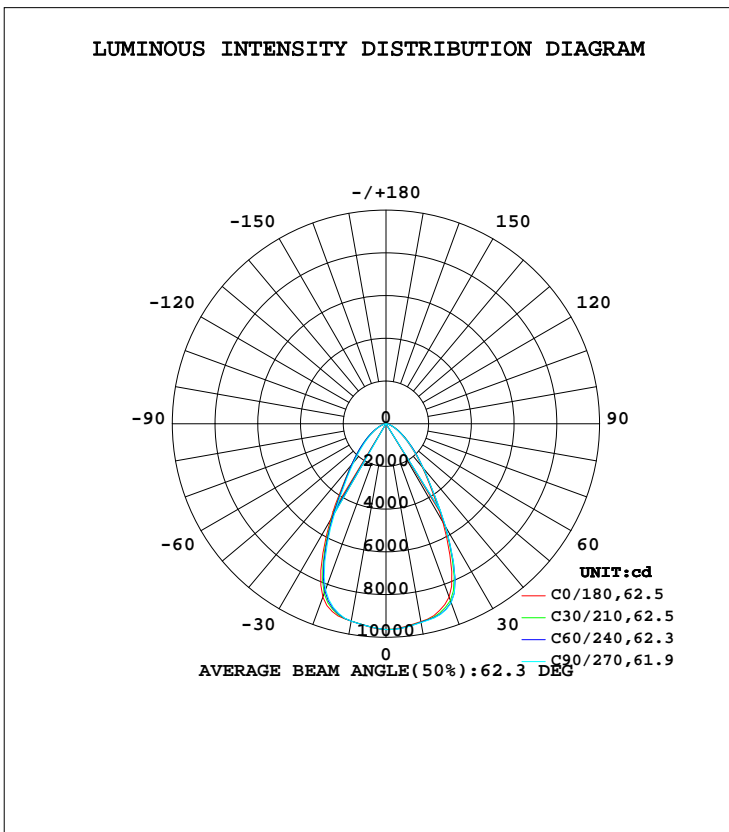


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHBL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.04 lm/W			
MODEL	AHBL100W	I _{max} (cd)	9639	S/MH(C0/180)	0.93
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	0.90
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	11960	η UP, DN(C0-180)	0.2,51.1
NOMINAL FLUX(lm)	11960.1	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2,48.6
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	99.6	CIBSE SHR MAX	0.95



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [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	9408	9432	9450	9437	9385	9383	9382	9414	0- 10	907.1	907.1	7.58,7.58
20	8634	8860	8926	8717	8642	8405	8277	8389	10- 20	2577	3484	29.1,29.1
30	5342	5554	5606	5245	5210	4996	4790	5022	20- 30	3212	6696	56,56
40	2637	2706	2716	2600	2510	2502	2360	2571	30- 40	2289	8986	75.1,75.1
50	1331	1431	1375	1381	1269	1335	1205	1388	40- 50	1471	10456	87.4,87.4
60	633.8	699.7	646.2	665.3	589.3	641.6	569.3	685.4	50- 60	866.6	11323	94.7,94.7
70	252.7	270.2	257.3	246.5	227.3	236.3	225.7	263.9	60- 70	425.6	11749	98.2,98.2
80	58.92	64.59	61.18	55.57	51.26	51.92	51.78	63.46	70- 80	147.0	11896	99.5,99.5
90	0.2845	0.2727	0.2736	0.2740	0.3764	0.3627	0.3517	0.3641	80- 90	21.88	11917	99.6,99.6
100	0.5055	0.5333	0.5680	0.5778	0.8213	0.7967	0.7448	0.7352	90-100	0.4854	11918	99.6,99.6
110	1.284	1.302	1.307	1.374	1.807	1.785	1.749	1.686	100-110	1.108	11919	99.7,99.7
120	2.767	2.718	2.723	2.841	3.633	3.604	3.622	3.409	110-120	2.244	11921	99.7,99.7
130	5.527	5.337	5.282	5.484	6.967	7.030	7.093	6.651	120-130	4.016	11925	99.7,99.7
140	10.33	9.948	9.783	10.06	12.31	12.57	12.63	11.98	130-140	6.543	11932	99.8,99.8
150	16.40	15.94	15.70	16.01	18.49	18.81	18.84	18.20	140-150	8.854	11941	99.8,99.8
160	22.35	21.88	21.62	21.86	24.18	24.43	24.41	23.84	150-160	9.271	11950	99.9,99.9
170	28.25	27.83	27.61	27.76	29.51	29.68	29.60	29.16	160-170	7.258	11957	100,100
180	31.71	31.61	31.52	31.42	31.78	31.64	31.49	31.42	170-180	2.865	11960	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 9950.2 lm

%lum = 83.2%
%lamp = 83.2%

Conical surface Flux(120deg): 11323 lm

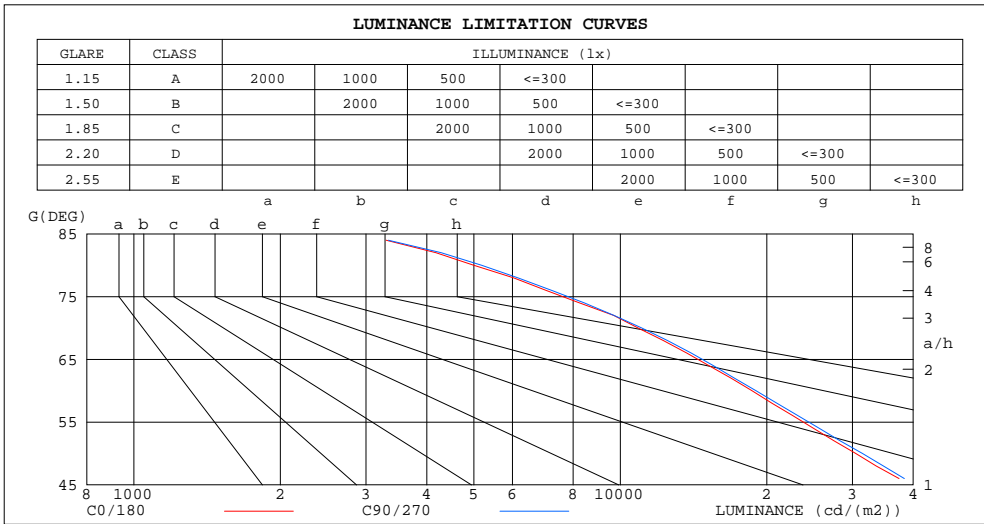
%lum = 94.7%
%lamp = 94.7%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DZK
Test Date:2019-03-06

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:9.380m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHBL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3959	4000
80	4990	5182
75	8787	8986
70	10866	11062
65	15783	16124
60	18641	19007
55	25601	26308
50	30454	31448
45	42272	43304

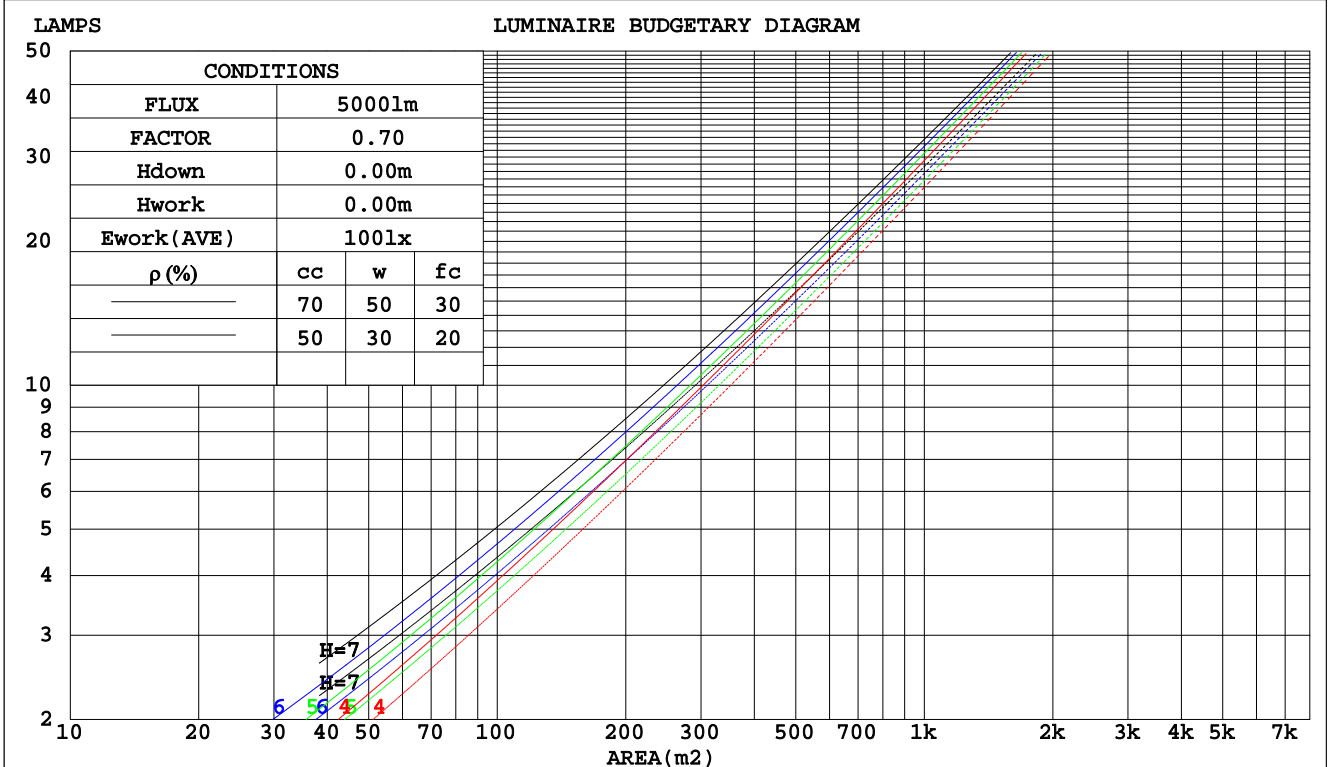
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AABL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	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	1.02	1.02	1.02	.00
1.0	1.09	1.06	1.03	1.07	1.04	1.02	1.02	1.00	.98	.99	.97	.95	.95	.94	.93	.91
2.0	.99	.95	.90	.98	.93	.89	.94	.91	.87	.91	.88	.85	.88	.86	.84	.82
3.0	.91	.85	.80	.89	.84	.80	.87	.82	.78	.84	.80	.77	.82	.78	.76	.74
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.78	.73	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.72	.67	.64	.71	.66	.63	.61
6.0	.71	.64	.59	.71	.64	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.55	.66	.59	.54	.64	.58	.54	.63	.58	.54	.62	.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	.51	.46	.55	.50	.46	.54	.50	.46	.45
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:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHBL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.212	.121	.038	.205	.117	.037	.192	.110	.035	.181	.104	.033	.170	.098	.032	
2.0	.205	.112	.034	.199	.110	.034	.188	.105	.032	.178	.100	.031	.168	.095	.030	
3.0	.195	.104	.031	.190	.102	.031	.180	.098	.030	.171	.094	.029	.163	.090	.028	
4.0	.185	.096	.028	.180	.094	.028	.172	.091	.027	.164	.088	.027	.157	.085	.026	
5.0	.175	.089	.026	.171	.088	.026	.163	.085	.025	.156	.083	.025	.150	.080	.024	
6.0	.165	.083	.024	.162	.082	.024	.155	.080	.023	.149	.077	.023	.143	.075	.022	
7.0	.157	.077	.022	.153	.076	.022	.148	.075	.021	.142	.073	.021	.137	.071	.021	
8.0	.149	.073	.020	.146	.072	.020	.141	.070	.020	.136	.069	.020	.131	.067	.020	
9.0	.141	.068	.019	.139	.068	.019	.134	.066	.019	.130	.065	.019	.125	.064	.018	
10.0	.135	.065	.018	.132	.064	.018	.128	.063	.018	.124	.062	.018	.120	.061	.017	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.176	.160	.145	.151	.137	.125	.103	.094	.086	.059	.055	.050	.019	.018	.016	
2.0	.163	.135	.111	.140	.116	.096	.096	.080	.067	.055	.047	.039	.018	.015	.013	
3.0	.153	.117	.088	.131	.101	.076	.090	.070	.053	.052	.041	.031	.017	.013	.010	
4.0	.144	.102	.071	.123	.088	.061	.085	.062	.043	.049	.036	.026	.016	.012	.008	
5.0	.136	.091	.058	.117	.079	.051	.080	.055	.036	.047	.032	.021	.015	.011	.007	
6.0	.129	.082	.049	.111	.071	.043	.076	.050	.030	.044	.029	.018	.014	.010	.006	
7.0	.122	.075	.042	.105	.065	.036	.073	.046	.026	.042	.027	.015	.014	.009	.005	
8.0	.116	.069	.036	.100	.060	.032	.069	.042	.022	.040	.025	.013	.013	.008	.004	
9.0	.111	.064	.032	.096	.055	.028	.066	.039	.020	.039	.023	.012	.013	.008	.004	
10.0	.106	.060	.028	.092	.052	.025	.064	.036	.018	.037	.022	.011	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHBL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	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	13.7	14.9	14.0	15.1	15.3	13.8	14.9	14.0	15.1	15.3
3H	14.0	15.1	14.3	15.3	15.5	14.1	15.1	14.4	15.3	15.6
4H	14.1	15.1	14.4	15.3	15.5	14.1	15.1	14.4	15.3	15.6
6H	14.0	15.0	14.4	15.2	15.5	14.1	15.0	14.4	15.3	15.5
8H	14.0	14.9	14.3	15.2	15.5	14.1	15.0	14.4	15.2	15.5
12H	14.0	14.8	14.3	15.1	15.4	14.0	14.9	14.4	15.2	15.4
4H 2H	13.9	14.9	14.2	15.1	15.3	13.9	14.9	14.2	15.1	15.4
3H	14.3	15.1	14.6	15.4	15.7	14.3	15.2	14.7	15.5	15.7
4H	14.4	15.1	14.7	15.5	15.8	14.4	15.2	14.8	15.5	15.8
6H	14.4	15.1	14.8	15.4	15.8	14.4	15.1	14.8	15.4	15.8
8H	14.4	15.0	14.8	15.3	15.7	14.4	15.0	14.8	15.4	15.8
12H	14.3	14.9	14.7	15.3	15.7	14.3	14.9	14.8	15.3	15.7
8H 4H	14.3	15.0	14.7	15.3	15.7	14.4	15.0	14.8	15.3	15.7
6H	14.4	14.9	14.8	15.3	15.7	14.4	14.9	14.8	15.3	15.7
8H	14.4	14.8	14.8	15.2	15.7	14.4	14.8	14.8	15.3	15.7
12H	14.3	14.7	14.8	15.2	15.6	14.4	14.7	14.8	15.2	15.7
12H 4H	14.3	14.9	14.7	15.2	15.6	14.3	14.9	14.7	15.3	15.7
6H	14.3	14.8	14.8	15.2	15.7	14.4	14.8	14.8	15.2	15.7
8H	14.3	14.7	14.8	15.2	15.6	14.4	14.7	14.8	15.2	15.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 1.4					+ 1.0 / - 1.5				
1.5H	+ 0.9 / - 0.9					+ 1.0 / - 0.9				
2.0H	+ 1.9 / - 1.7					+ 1.9 / - 1.6				

CIE Pub.117, 11960 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.6)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AABL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

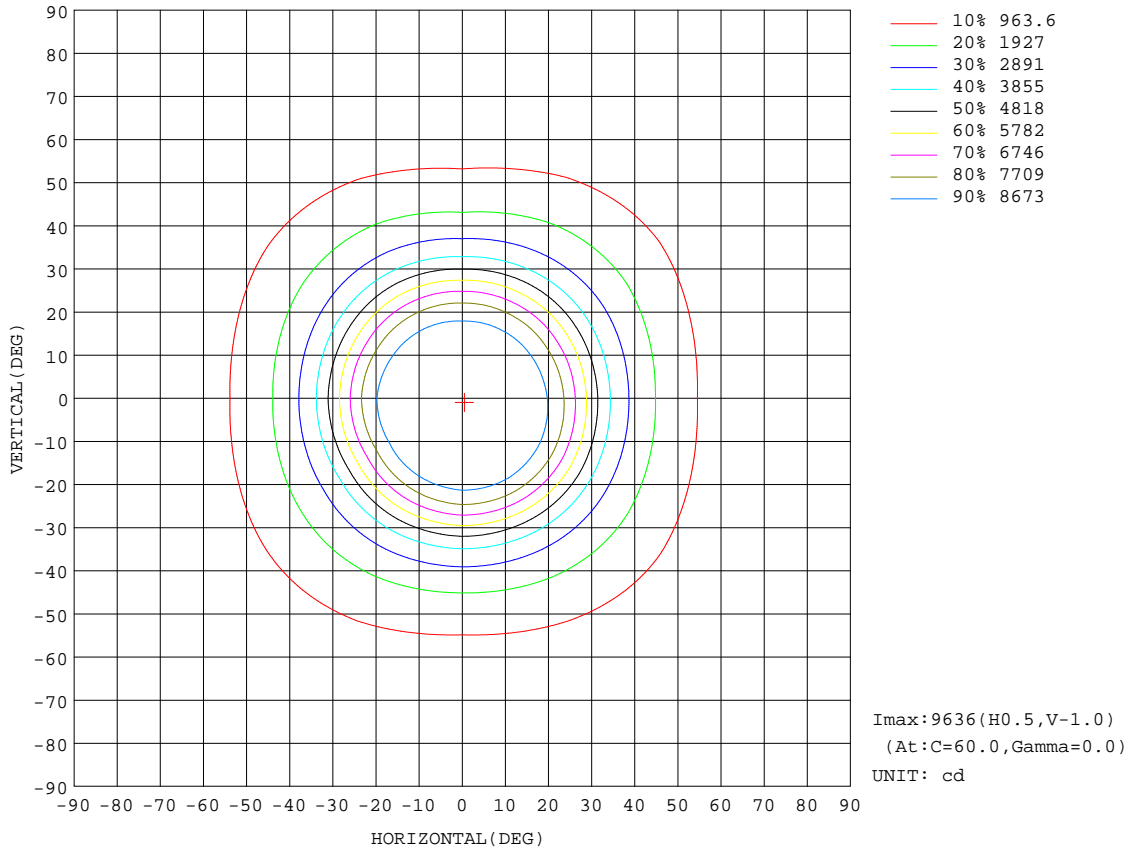
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	76	67	62	75	67	62	74	67	62	58
0.80	85	77	72	84	76	72	82	76	71	66
1.00	91	84	79	90	83	78	88	83	78	73
1.25	96	90	85	95	89	84	93	88	84	78
1.50	100	94	89	99	93	89	96	91	88	82
2.00	104	99	95	103	98	94	100	96	92	86
2.50	107	102	98	105	100	97	102	98	95	88
3.00	109	104	101	107	103	100	103	100	97	90
4.00	111	108	105	109	106	103	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: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHB100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

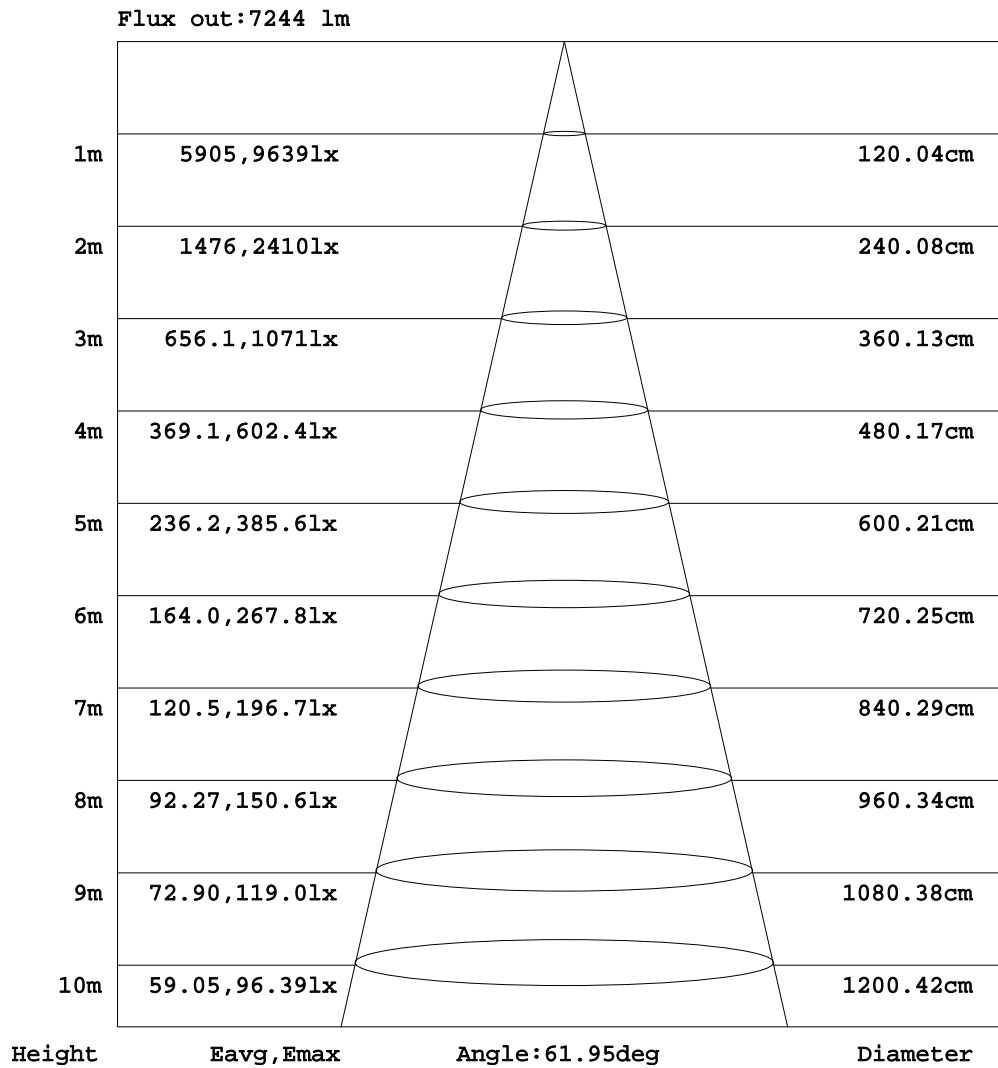


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHBL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120



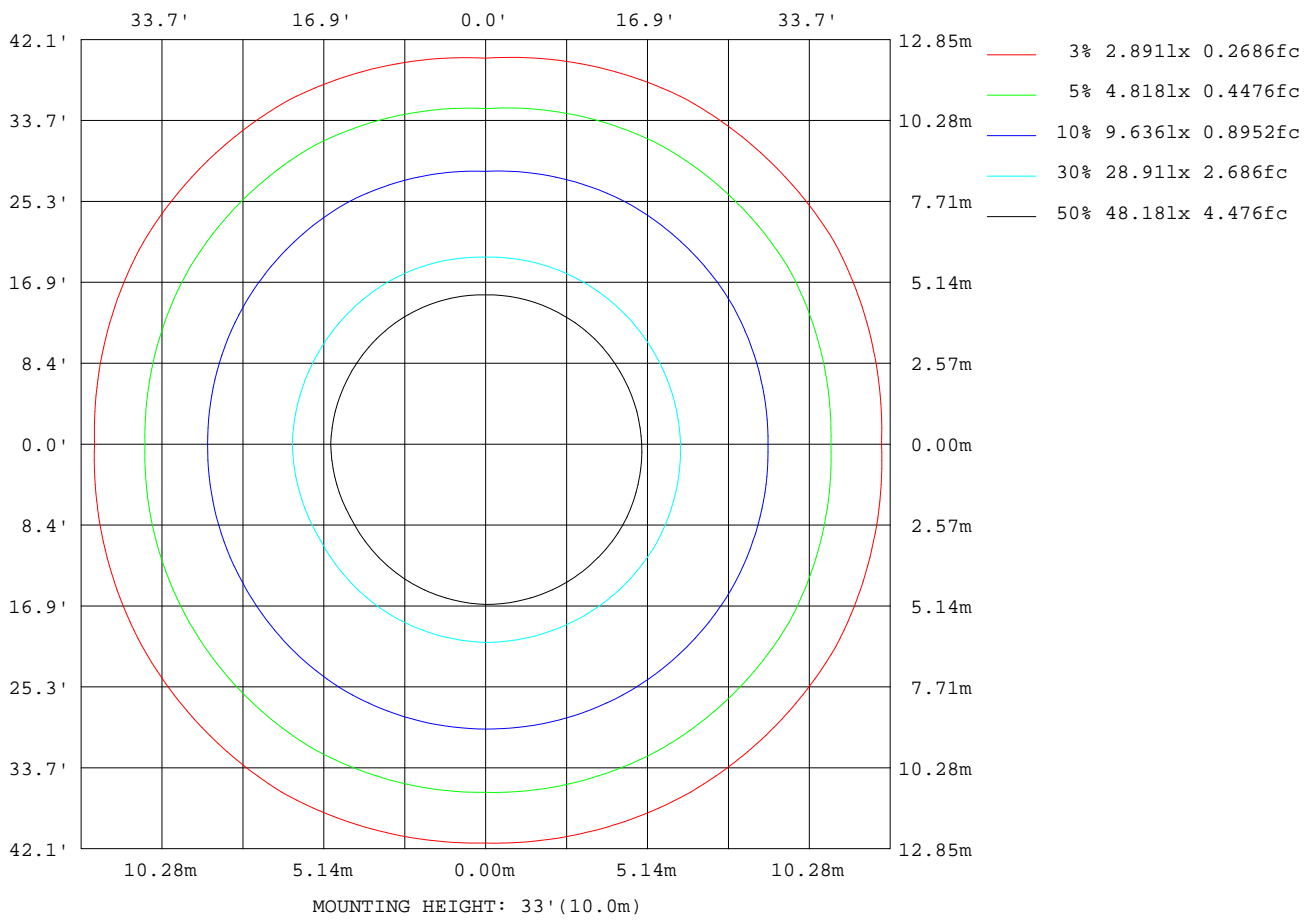
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHBL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHBL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

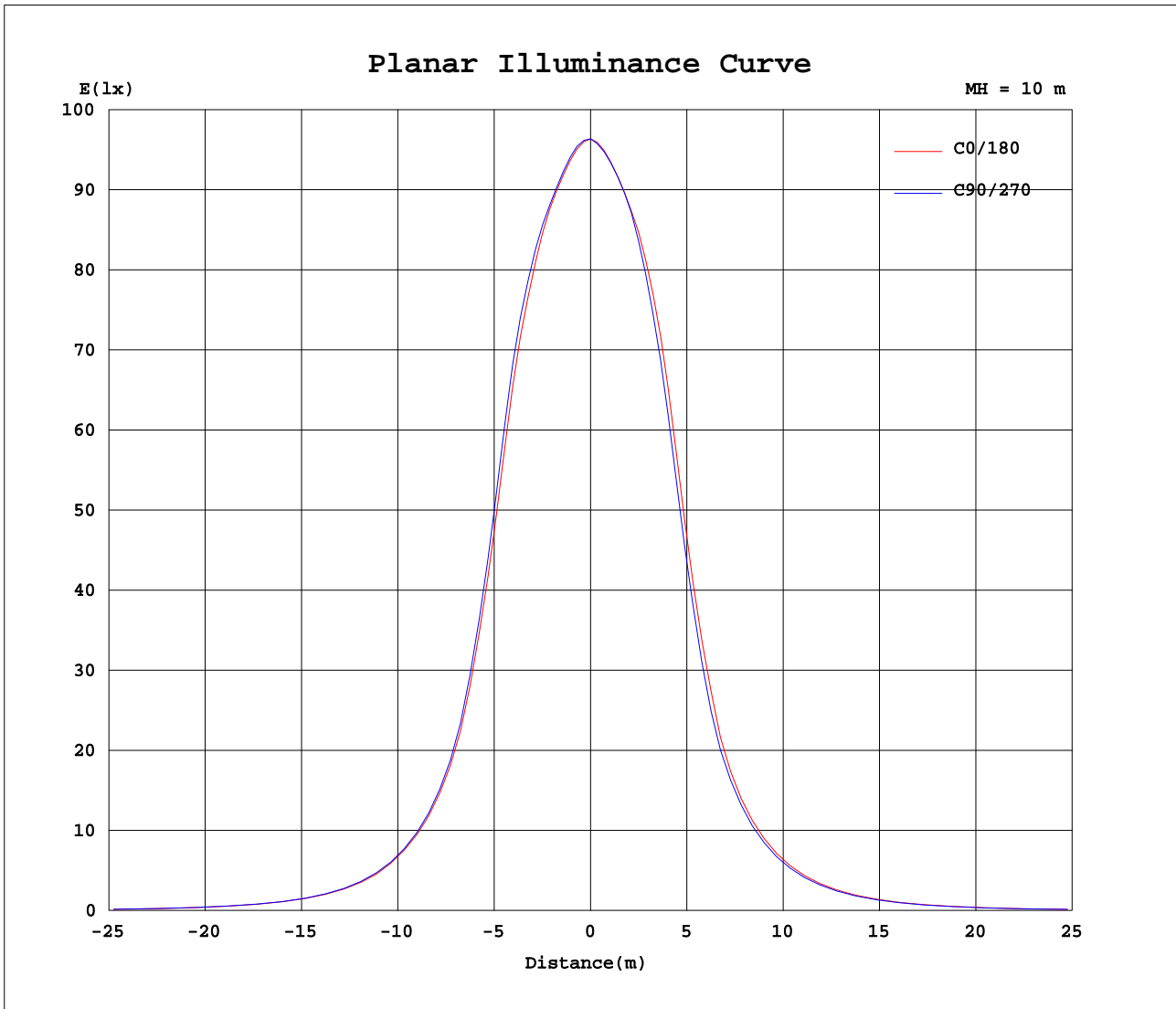
AvgL	cd/m2
L_0~180(65)av	13922
L_0~180(75)av	7171
L_0~180(85)av	2535
L_90~270(65)av	13894
L_90~270(75)av	7295
L_90~270(85)av	2594
L_45(65)av	15138
L_45(75)av	7586
L_45(85)av	2688

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DZK
 Test Date:2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:9.380m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DZK
 Test Date: 2019-03-06

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity: 65.0%
 Test Distance: 9.380m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.20V I:0.3680A P:98.000W PF:0.9810 Freq:50.00Hz Lamp Flux:11960.1x1 lm		
NAME: AHBL100W	TYPE:LED	WEIGHT:2.8
SPEC.:60D	DIM.: 295*295*152	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:120

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	9636	9638	9639	9637	9634	9629	9636	9638	9639	9637	9634	9629							
5	9580	9599	9610	9612	9595	9568	9563	9547	9546	9546	9565	9578							
10	9408	9426	9438	9450	9444	9430	9385	9381	9385	9382	9401	9428							
15	9258	9319	9349	9368	9360	9335	9275	9223	9180	9155	9173	9229							
20	8634	8809	8911	8926	8806	8627	8642	8460	8350	8277	8330	8447							
25	7574	7847	7964	7955	7702	7410	7501	7272	7149	7044	7107	7277							
30	5342	5532	5575	5606	5387	5102	5210	5041	4952	4790	4940	5103							
35	3940	4053	4102	4113	3954	3719	3795	3707	3655	3517	3653	3815							
40	2637	2695	2718	2716	2656	2545	2510	2503	2501	2360	2518	2624							
45	2033	2122	2122	2082	2080	1986	1918	1974	1962	1809	2000	2083							
50	1331	1435	1427	1375	1417	1344	1269	1344	1325	1205	1362	1415							
55	999	1094	1082	1026	1079	1034	953	1019	1013	904	1036	1082							
60	634	712	688	646	679	652	589	640	643	569	676	695							
65	454	505	489	463	477	451	424	447	447	409	476	495							
70	253	273	267	257	255	238	227	236	237	226	256	271							
75	155	166	162	158	154	142	137	140	141	137	155	166							
80	58.9	65.2	64.0	61.2	57.1	54.0	51.3	50.8	53.1	51.8	60.5	66.4							
85	23.5	26.2	24.6	23.7	21.6	18.7	18.5	17.9	18.4	19.3	23.5	25.8							
90	0.28	0.27	0.28	0.27	0.27	0.28	0.38	0.36	0.37	0.35	0.36	0.37							
95	0.29	0.34	0.28	0.34	0.31	0.37	0.50	0.42	0.50	0.42	0.48	0.40							
100	0.51	0.57	0.50	0.57	0.53	0.63	0.82	0.77	0.83	0.74	0.79	0.68							
105	0.75	0.81	0.73	0.81	0.77	0.88	1.14	1.09	1.15	1.07	1.10	0.98							
110	1.28	1.33	1.28	1.31	1.30	1.44	1.81	1.76	1.81	1.75	1.76	1.61							
115	1.78	1.81	1.74	1.79	1.79	1.95	2.40	2.35	2.41	2.36	2.35	2.17							
120	2.77	2.76	2.68	2.72	2.74	2.94	3.63	3.57	3.63	3.62	3.52	3.29							
125	3.67	3.61	3.53	3.56	3.59	3.82	4.74	4.70	4.74	4.76	4.61	4.33							
130	5.53	5.39	5.28	5.28	5.35	5.62	6.97	7.00	7.06	7.09	6.82	6.49							
135	7.20	7.00	6.86	6.83	6.93	7.21	8.91	9.01	9.09	9.12	8.76	8.37							
140	10.3	10.0	9.86	9.78	9.89	10.2	12.3	12.5	12.6	12.6	12.2	11.8							
145	12.7	12.4	12.2	12.1	12.2	12.6	14.8	15.0	15.1	15.1	14.7	14.2							
150	16.4	16.0	15.8	15.7	15.8	16.2	18.5	18.7	18.9	18.8	18.4	18.0							
155	18.8	18.5	18.2	18.1	18.2	18.6	20.8	21.1	21.2	21.1	20.8	20.3							
160	22.3	22.0	21.8	21.6	21.7	22.0	24.2	24.4	24.5	24.4	24.1	23.6							
165	24.7	24.4	24.2	24.0	24.1	24.4	26.4	26.6	26.7	26.6	26.3	25.8							
170	28.3	28.0	27.7	27.6	27.6	27.9	29.5	29.6	29.7	29.6	29.4	29.0							
175	30.1	30.0	29.7	29.7	29.7	29.9	31.0	31.0	31.1	31.0	30.8	30.5							
180	31.7	31.7	31.5	31.5	31.4	31.4	31.8	31.7	31.6	31.5	31.5	31.4							

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