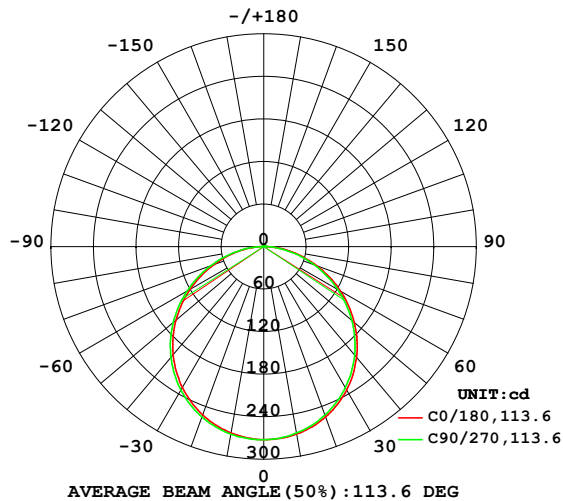


LUMINAIRE PHOTOMETRIC TEST REPORT

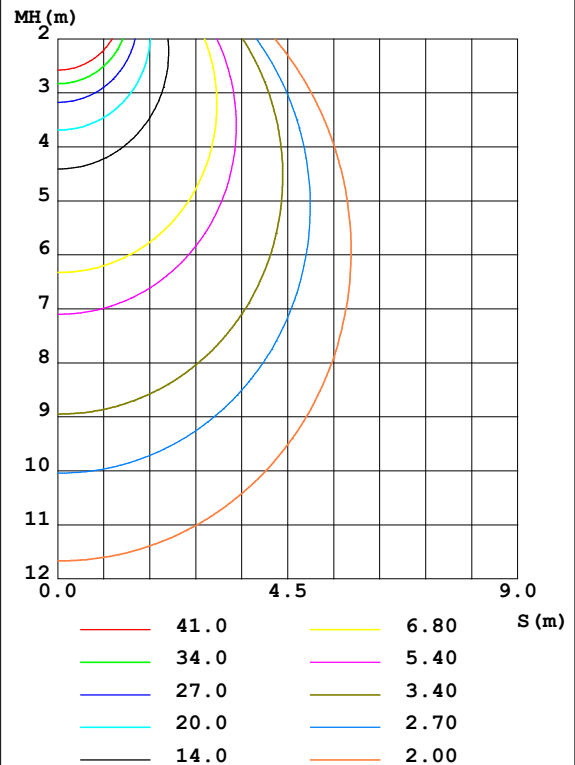
Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 86.91 lm/W
MODEL	ASD-JBS-4D10BK	I _{max} (cd)	272.5	S/MH (C0/180)	1.25	
NOMINAL POWER (W)	10	LOR (%)	97.6	S/MH (C90/270)	1.27	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	799.95	η UP,DN (C0-180)	0.4,47.9	
NOMINAL FLUX (lm)	799.95	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.4,48.9	
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	η down (%)	96.8	CIBSE SHR MAX	1.35	

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:2025-07-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

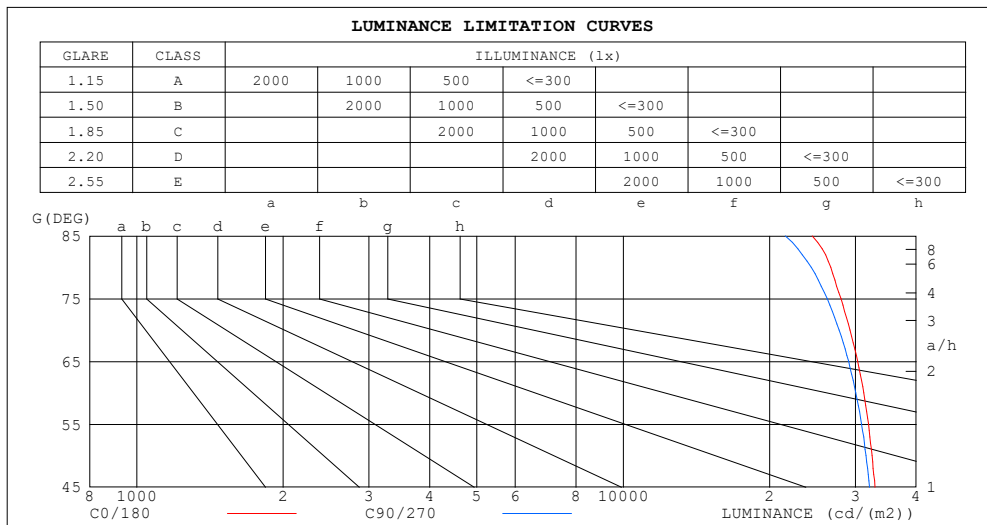
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	268.4	267.9	267.0	265.6	266.9	267.5	268.5	269.0	0- 10	25.76	25.76	3.22,3.14
20	255.6	254.4	252.8	250.4	252.5	253.8	255.6	257.1	10- 20	73.93	99.69	12.5,12.2
30	233.8	232.3	230.1	226.7	229.6	231.2	233.7	236.1	20- 30	112.4	212.1	26.5,25.9
40	204.0	202.1	199.5	195.5	198.9	200.6	203.7	206.8	30- 40	136.0	348.1	43.5,42.4
50	167.1	165.0	162.2	157.7	161.5	163.2	166.8	170.4	40- 50	141.5	489.5	61.2,59.7
60	124.8	123.0	120.3	115.5	119.5	121.0	124.6	128.5	50- 60	128.3	617.8	77.2,75.3
70	80.07	78.51	76.04	71.47	75.22	76.36	79.79	83.58	60- 70	98.80	716.6	89.6,87.4
80	37.11	36.00	33.85	30.02	33.24	34.13	36.60	39.96	70- 80	58.98	775.6	97,94.6
90	0.6288	0.5710	0.1801	0.1515	0.2650	0.3406	0.4367	3.042	80- 90	17.76	793.4	99.2,96.8
100	0.3780	0.2918	0.3025	0.3349	0.4814	0.5086	0.4707	0.4599	90-100	0.3470	793.7	99.2,96.8
110	0.6431	0.5836	0.6106	0.6484	0.8168	0.8438	0.8168	0.7681	100-110	0.5856	794.3	99.3,96.9
120	0.9512	0.9242	0.9459	0.9889	1.163	1.190	1.168	1.114	110-120	0.8779	795.2	99.4,97
130	1.254	1.232	1.243	1.276	1.471	1.503	1.471	1.422	120-130	1.084	796.3	99.5,97.1
140	1.470	1.465	1.460	1.497	1.714	1.725	1.693	1.649	130-140	1.141	797.4	99.7,97.2
150	1.611	1.589	1.589	1.611	1.828	1.822	1.801	1.779	140-150	1.035	798.4	99.8,97.4
160	1.725	1.681	1.692	1.708	1.871	1.855	1.860	1.844	150-160	0.8033	799.2	99.9,97.5
170	1.800	1.806	1.822	1.860	2.006	2.022	2.017	1.968	160-170	0.5194	799.8	100,97.5
180	2.033	2.055	2.055	2.060	2.055	2.065	2.076	2.076	170-180	0.1882	800.0	100,97.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-07-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	24457	21535
80	26715	24364
75	28023	26286
70	29264	27792
65	30332	29066
60	31212	30083
55	31921	30885
50	32495	31540
45	32920	32093

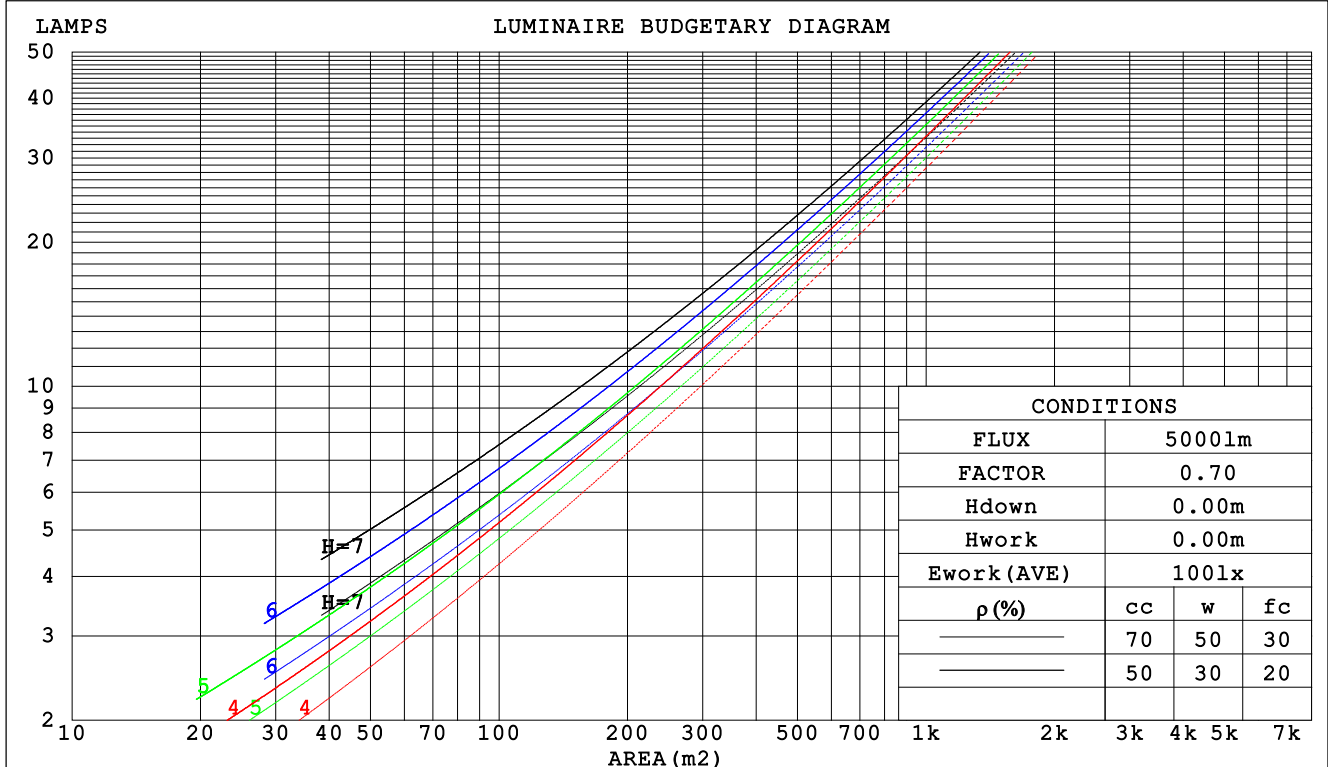
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-07-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	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	1.16	1.16	1.16	1.13	1.13	1.13	1.08	1.08	1.08	1.03	1.03	1.03	.99	.99	.99	.97
1.0	1.01	.97	.93	.99	.95	.91	.94	.91	.88	.90	.88	.85	.87	.85	.83	.80
2.0	.88	.81	.75	.86	.79	.74	.82	.77	.72	.79	.74	.71	.76	.72	.69	.67
3.0	.77	.69	.62	.75	.68	.62	.72	.66	.60	.69	.64	.59	.67	.62	.58	.56
4.0	.68	.59	.53	.67	.58	.52	.64	.57	.51	.62	.56	.51	.59	.54	.50	.48
5.0	.61	.52	.45	.59	.51	.45	.57	.50	.44	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.39	.50	.43	.38	.48	.43	.38	.36
7.0	.49	.41	.35	.49	.40	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
8.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.30	.40	.35	.30	.28
9.0	.41	.33	.28	.41	.33	.28	.40	.32	.28	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-07-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	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	.308	.175	.055	.301	.172	.055	.287	.165	.053	.275	.159	.051	.264	.153	.049		
2.0	.288	.158	.048	.282	.155	.048	.270	.150	.047	.259	.145	.045	.249	.141	.044		
3.0	.266	.142	.042	.260	.139	.042	.250	.135	.041	.240	.132	.040	.231	.128	.040		
4.0	.245	.127	.037	.240	.126	.037	.231	.122	.037	.222	.119	.036	.214	.116	.035		
5.0	.226	.115	.033	.222	.114	.033	.213	.111	.033	.206	.109	.032	.198	.106	.032		
6.0	.209	.105	.030	.206	.104	.030	.198	.102	.030	.191	.099	.029	.185	.097	.029		
7.0	.195	.096	.027	.191	.095	.027	.185	.093	.027	.178	.091	.027	.173	.090	.026		
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024		
9.0	.170	.082	.023	.168	.082	.023	.162	.080	.023	.157	.079	.023	.152	.077	.022		
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.148	.074	.021	.144	.072	.021		

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.158	.137	.156	.136	.118	.107	.094	.081	.061	.054	.047	.020	.017	.015	
2.0	.175	.135	.101	.150	.116	.088	.103	.080	.061	.059	.047	.036	.019	.015	.012	
3.0	.167	.118	.078	.143	.102	.068	.098	.071	.048	.057	.041	.028	.018	.013	.009	
4.0	.160	.105	.063	.137	.091	.055	.094	.063	.038	.055	.037	.023	.018	.012	.007	
5.0	.152	.095	.052	.131	.082	.045	.090	.057	.032	.052	.034	.019	.017	.011	.006	
6.0	.145	.087	.044	.125	.075	.039	.086	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.139	.080	.039	.119	.069	.034	.082	.049	.024	.048	.029	.014	.015	.009	.005	
8.0	.132	.074	.034	.114	.064	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
9.0	.126	.069	.031	.109	.060	.027	.075	.042	.019	.044	.025	.011	.014	.008	.004	
10.0	.121	.065	.028	.104	.057	.025	.072	.040	.017	.042	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-07-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm										
NAME: ASD-JBS-4D10BK					TYPE:			WEIGHT:		
SPEC.:5000K					DIM.:			SERIAL No.:		
MFR.: ASD Lighting corp					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	25.6	27.1	25.8	27.3	27.5	25.5	27.0	25.8	27.2	27.4
3H	27.2	28.6	27.5	28.8	29.1	27.0	28.4	27.3	28.7	28.9
4H	27.8	29.2	28.2	29.4	29.7	27.7	29.0	28.0	29.3	29.5
6H	28.3	29.6	28.7	29.9	30.2	28.1	29.4	28.5	29.7	30.0
8H	28.5	29.7	28.9	30.0	30.4	28.3	29.5	28.7	29.8	30.1
12H	28.7	29.8	29.0	30.1	30.5	28.4	29.6	28.8	29.9	30.2
4H 2H	26.2	27.5	26.5	27.8	28.1	26.1	27.4	26.4	27.7	28.0
3H	28.0	29.1	28.3	29.4	29.8	27.9	29.0	28.2	29.3	29.7
4H	28.8	29.8	29.1	30.2	30.5	28.6	29.7	29.0	30.0	30.4
6H	29.4	30.4	29.8	30.7	31.1	29.2	30.2	29.7	30.6	31.0
8H	29.7	30.5	30.1	30.9	31.3	29.5	30.4	29.9	30.7	31.1
12H	29.8	30.7	30.3	31.1	31.5	29.6	30.4	30.1	30.8	31.3
8H 4H	29.0	29.9	29.5	30.3	30.7	28.9	29.8	29.4	30.2	30.6
6H	29.9	30.6	30.3	31.0	31.5	29.7	30.5	30.2	30.9	31.3
8H	30.2	30.9	30.7	31.3	31.8	30.0	30.7	30.5	31.1	31.6
12H	30.5	31.0	31.0	31.5	32.0	30.3	30.9	30.8	31.3	31.8
12H 4H	29.1	29.9	29.5	30.3	30.7	29.0	29.8	29.4	30.2	30.6
6H	29.9	30.6	30.4	31.0	31.5	29.8	30.5	30.3	30.9	31.4
8H	30.3	30.9	30.8	31.4	31.8	30.2	30.7	30.7	31.2	31.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 820.0 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -0.7$)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-07-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

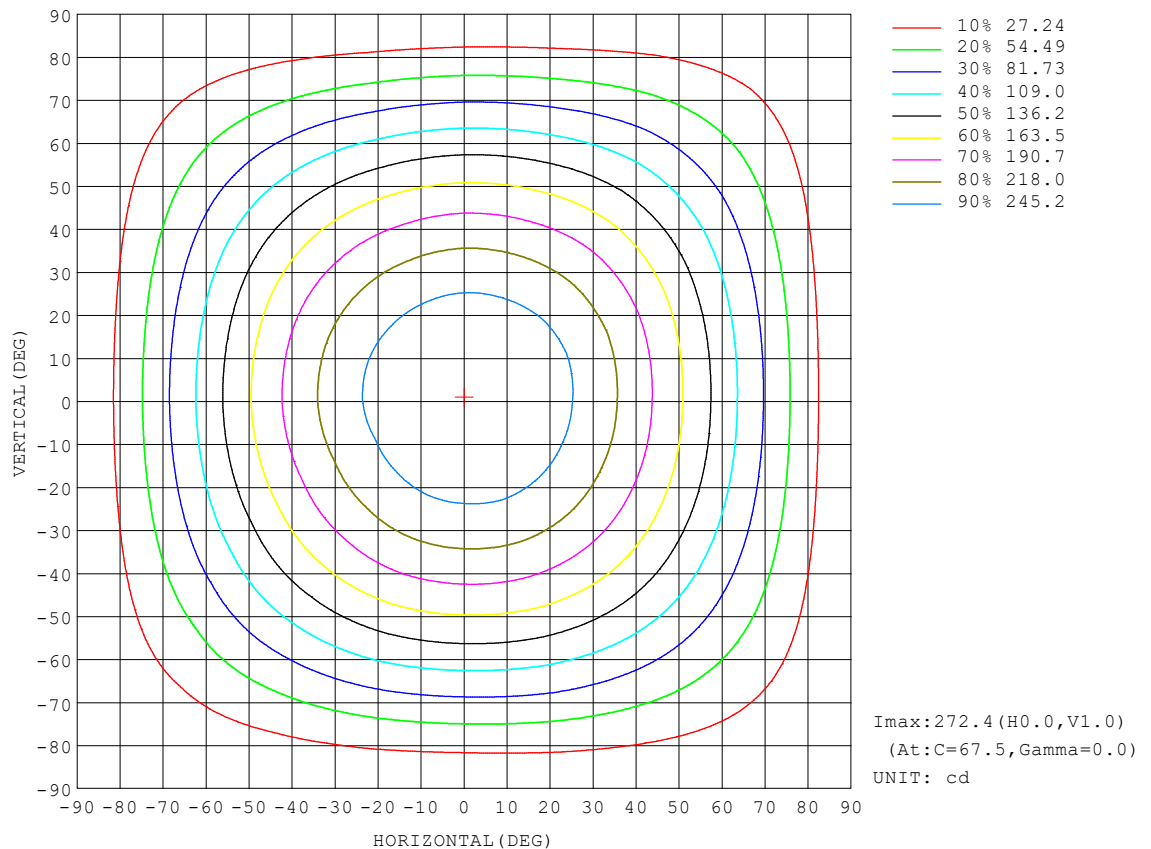
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	37	55	44	37	54	43	37	31
0.80	65	54	47	64	53	46	62	53	46	39
1.00	73	62	55	72	62	55	70	63	54	47
1.25	80	70	63	79	69	62	76	68	62	54
1.50	85	75	69	84	75	68	80	73	67	59
2.00	92	84	77	90	82	76	87	80	75	67
2.50	96	88	82	94	87	81	90	84	79	71
3.00	99	92	87	97	91	86	93	88	84	75
4.00	103	97	93	101	96	91	96	92	89	80
5.00	106	101	97	103	99	95	99	95	92	83
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:2025-07-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

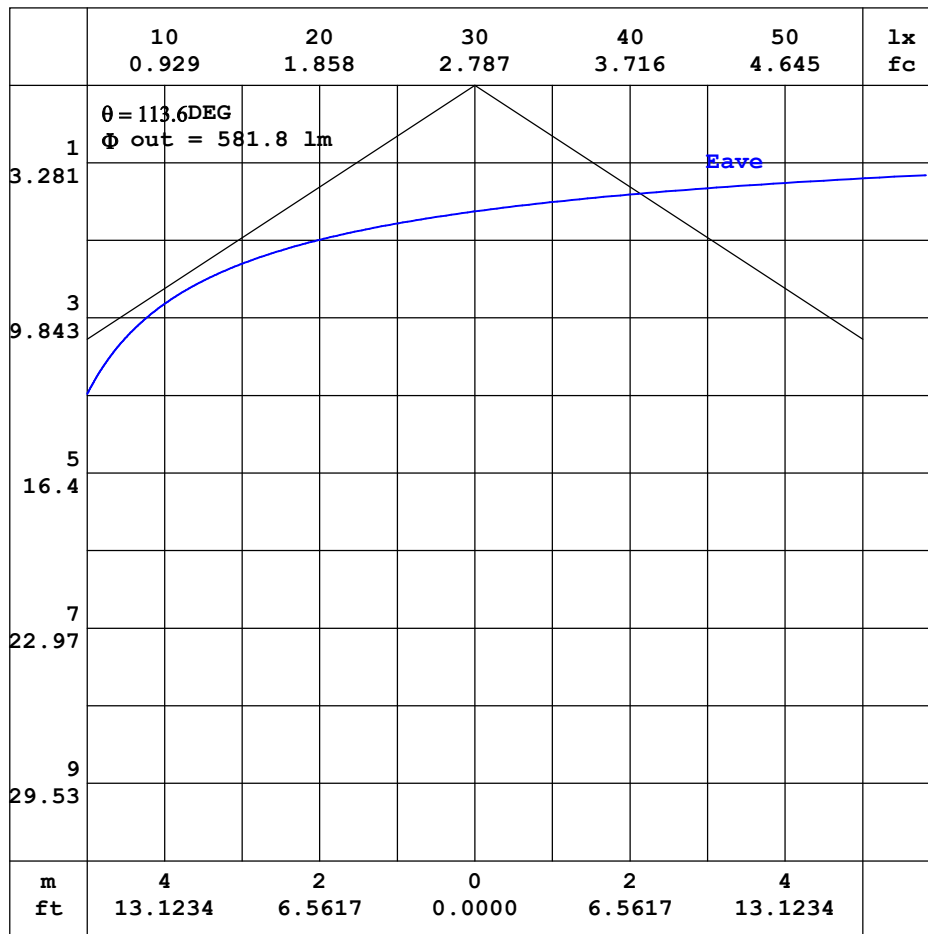


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-07-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0



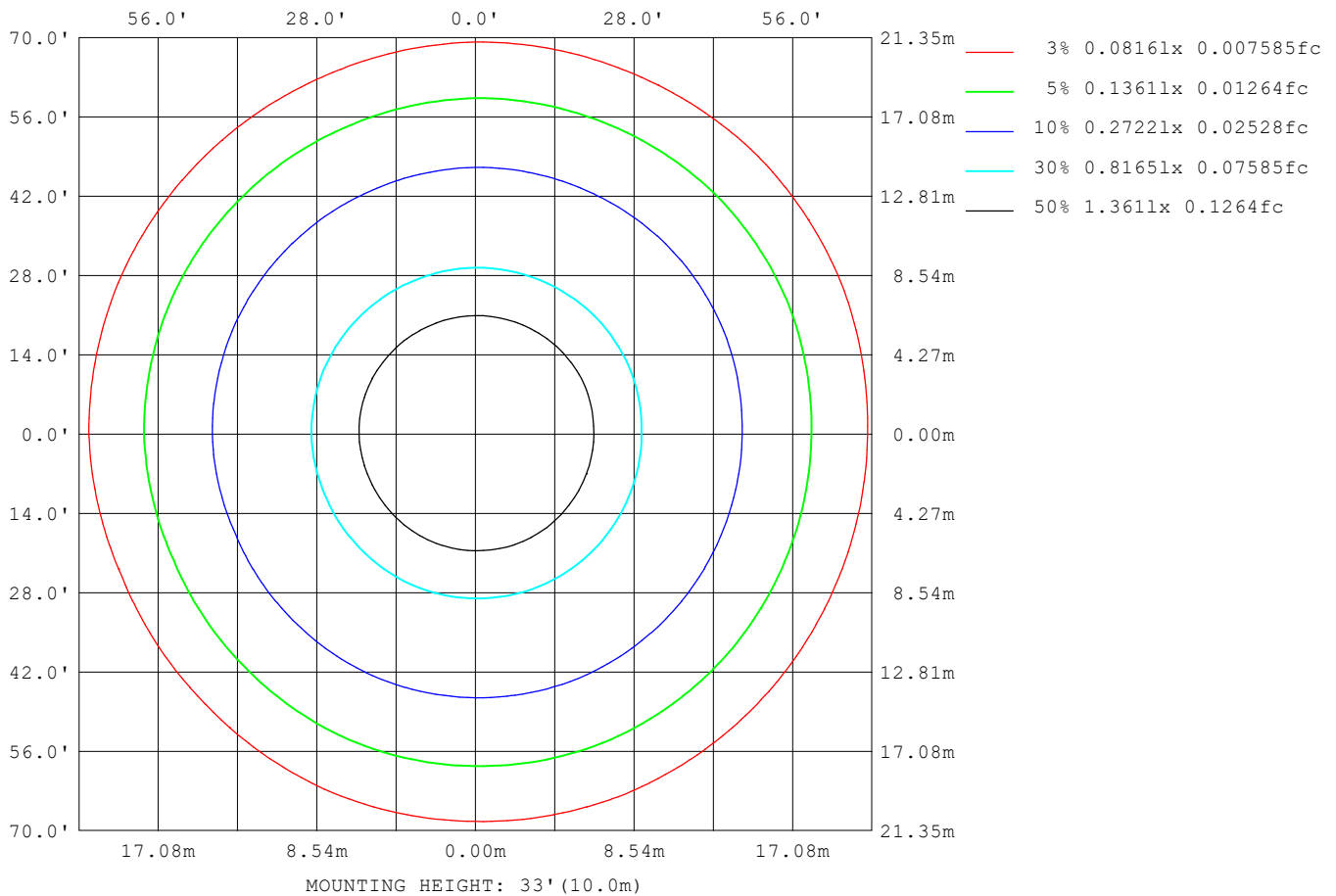
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2025-07-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity: 65.0%
 Test Distance: 8.898m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
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:2025-07-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

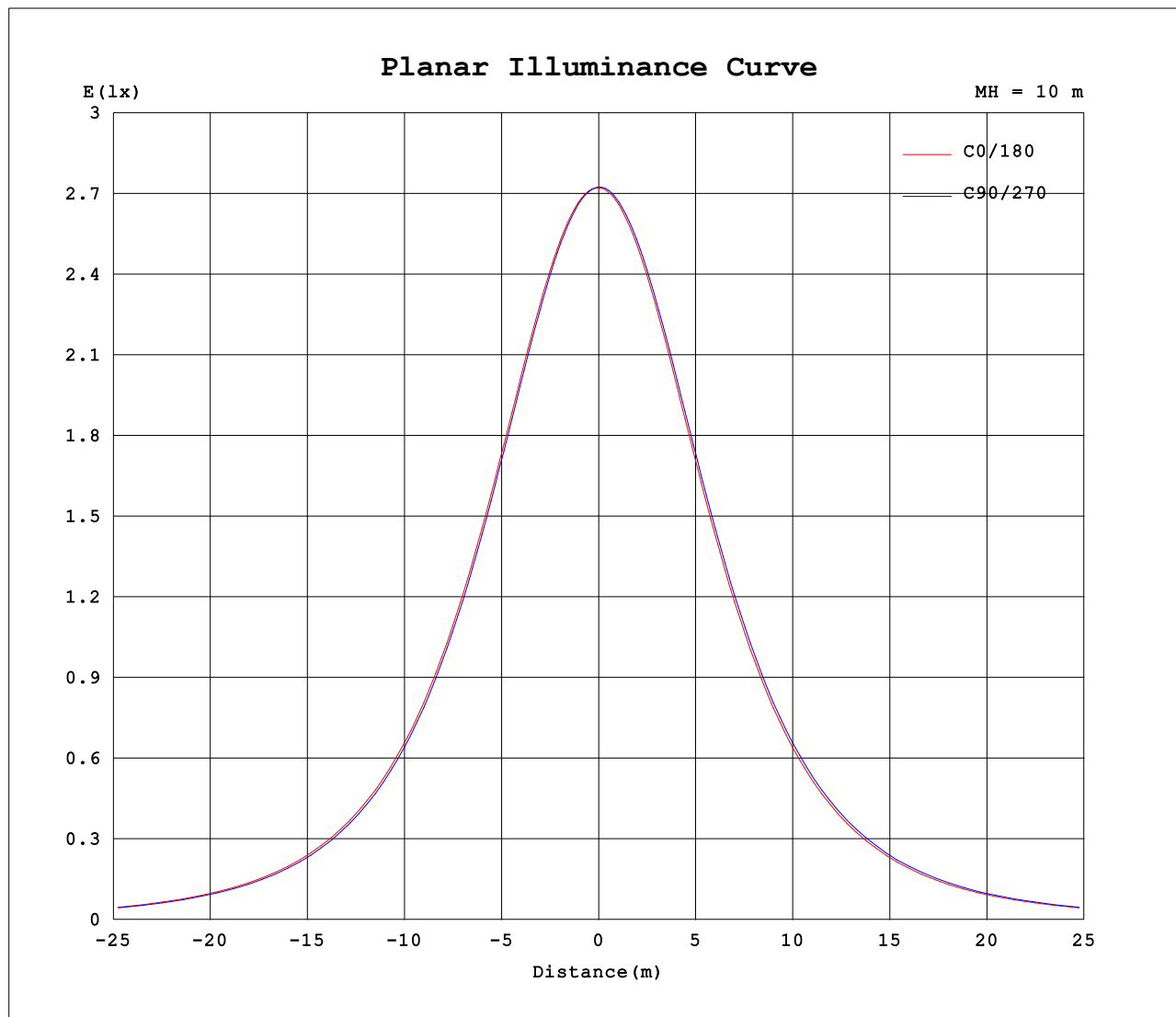
AvgL	cd/m2
L_0~180 (65) av	29578
L_0~180 (75) av	26957
L_0~180 (85) av	21973
L_90~270 (65) av	29661
L_90~270 (75) av	27070
L_90~270 (85) av	23099
L_45 (65) av	29524
L_45 (75) av	26902
L_45 (85) av	22567

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-07-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-07-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.898m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.0775A P:9.2047W PF:0.9885 Freq:59.98Hz Lamp Flux:799.95 lm		
NAME: ASD-JBS-4D10BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

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	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272			
5	271	271	271	271	271	270	270	270	271	271	271	271	272	272	272	272			
10	268	268	268	268	267	267	266	265	267	267	268	268	269	269	269	269			
15	263	262	262	262	261	260	259	259	261	261	262	262	263	264	264	264			
20	256	255	254	254	253	252	250	250	253	253	254	254	256	256	257	257			
25	246	245	244	244	242	241	239	239	242	243	243	244	246	246	248	248			
30	234	233	232	232	230	229	227	226	230	231	231	232	234	234	236	236			
35	220	219	218	218	216	214	212	212	215	216	217	218	220	221	222	222			
40	204	203	202	202	200	198	196	195	199	200	201	201	204	205	207	207			
45	186	185	184	184	182	180	177	177	181	182	183	183	186	187	189	189			
50	167	165	165	164	162	161	158	157	162	163	163	164	167	168	170	170			
55	146	145	144	144	142	140	137	136	141	143	143	143	146	147	150	150			
60	125	123	123	122	120	119	116	115	120	121	121	122	125	126	129	128			
65	103	101	101	100	98.3	96.9	93.4	92.7	97.5	98.6	98.7	99.1	102	103	106	106			
70	80.1	78.7	78.5	78.4	76.0	74.8	71.5	70.6	75.2	76.3	76.4	76.7	79.8	80.9	83.6	83.4			
75	58.0	56.8	56.7	56.3	54.4	52.9	50.1	49.3	53.6	54.7	54.6	54.9	57.7	58.8	61.3	61.2			
80	37.1	36.1	36.0	35.8	33.8	32.7	30.0	29.5	33.2	34.2	34.1	34.2	36.6	37.7	40.0	40.0			
85	17.1	16.2	16.5	16.6	15.0	13.9	11.7	10.8	13.6	14.5	14.4	15.2	17.2	18.2	20.3	20.4			
90	0.63	0.42	0.57	0.61	0.18	0.16	0.15	0.16	0.26	0.34	0.34	0.37	0.44	0.89	3.04	3.16			
95	0.18	0.22	0.17	0.23	0.19	0.24	0.20	0.26	0.34	0.31	0.36	0.34	0.34	0.33	0.34	0.31			
100	0.38	0.36	0.29	0.34	0.30	0.37	0.33	0.38	0.48	0.45	0.51	0.44	0.47	0.43	0.46	0.42			
105	0.54	0.51	0.43	0.49	0.45	0.51	0.48	0.53	0.64	0.62	0.68	0.60	0.64	0.57	0.60	0.56			
110	0.64	0.67	0.58	0.64	0.61	0.68	0.65	0.71	0.82	0.78	0.84	0.78	0.82	0.76	0.77	0.71			
115	0.79	0.83	0.77	0.81	0.78	0.84	0.82	0.88	0.99	0.96	1.02	0.96	0.99	0.92	0.94	0.88			
120	0.95	0.99	0.92	0.97	0.95	1.01	0.99	1.04	1.16	1.13	1.19	1.14	1.17	1.09	1.11	1.06			
125	1.11	1.15	1.08	1.14	1.10	1.16	1.14	1.21	1.33	1.29	1.36	1.30	1.33	1.25	1.27	1.22			
130	1.25	1.30	1.23	1.27	1.24	1.31	1.28	1.34	1.47	1.43	1.50	1.44	1.47	1.39	1.42	1.36			
135	1.37	1.43	1.36	1.41	1.37	1.42	1.40	1.48	1.60	1.56	1.62	1.56	1.59	1.52	1.54	1.48			
140	1.47	1.52	1.47	1.51	1.46	1.52	1.50	1.57	1.71	1.65	1.72	1.66	1.69	1.63	1.65	1.58			
145	1.55	1.60	1.54	1.58	1.53	1.60	1.57	1.64	1.78	1.73	1.78	1.73	1.76	1.70	1.72	1.65			
150	1.61	1.64	1.59	1.63	1.59	1.64	1.61	1.69	1.83	1.77	1.82	1.77	1.80	1.75	1.78	1.72			
155	1.65	1.70	1.64	1.69	1.64	1.70	1.65	1.72	1.84	1.78	1.83	1.78	1.82	1.78	1.80	1.74			
160	1.72	1.72	1.68	1.72	1.69	1.75	1.71	1.78	1.87	1.81	1.85	1.80	1.86	1.79	1.84	1.77			
165	1.75	1.79	1.74	1.79	1.77	1.82	1.78	1.86	1.95	1.89	1.94	1.87	1.91	1.85	1.88	1.83			
170	1.80	1.86	1.81	1.86	1.82	1.90	1.86	1.94	2.01	1.96	2.02	1.97	2.02	1.94	1.97	1.90			
175	1.90	1.97	1.92	1.97	1.94	1.99	1.95	2.01	2.04	2.01	2.06	2.06	2.09	2.04	2.07	2.00			
180	2.03	2.07	2.05	2.07	2.05	2.08	2.06	2.08	2.05	2.06	2.07	2.07	2.08	2.08	2.08	2.08			

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