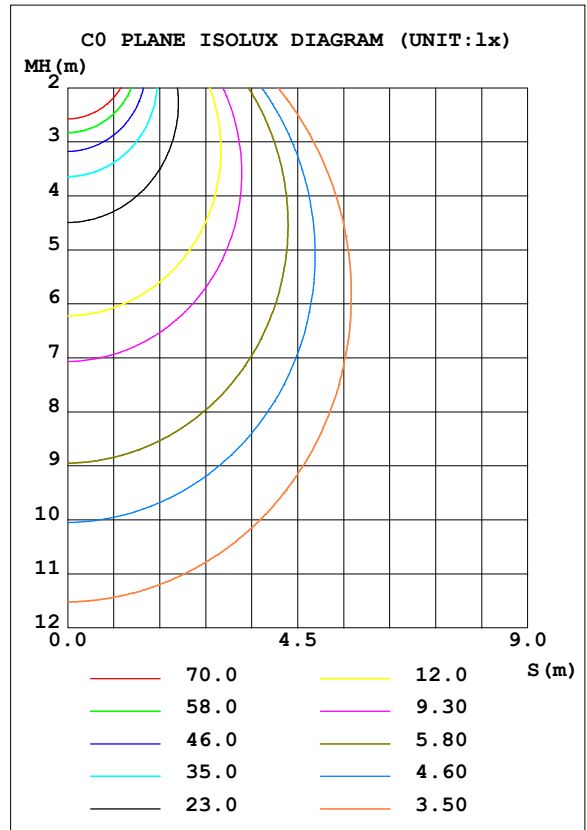
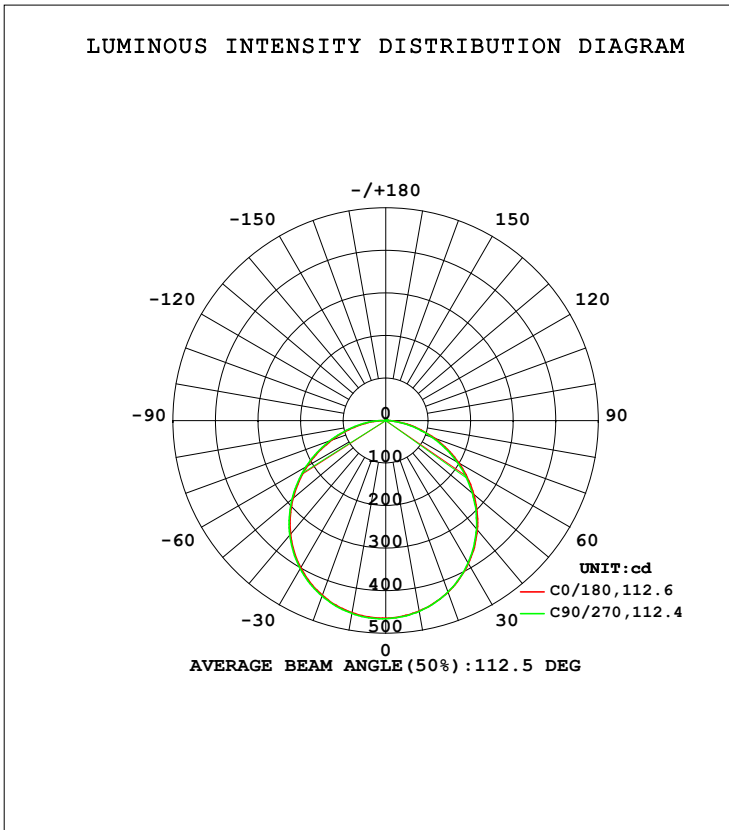


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.07 lm/W			
MODEL	ASD-JBS-6D15WH	I _{max} (cd)	466.6	S/MH (C0/180)	1.28
NOMINAL POWER (W)	15	LOR (%)	109.8	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1200.0	η UP, DN (C0-180)	0.4, 52.1
NOMINAL FLUX (lm)	1200	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 56.8
LAMPS INSIDE	1	η up (%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	109.0	CIBSE SHR MAX	1.35



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:

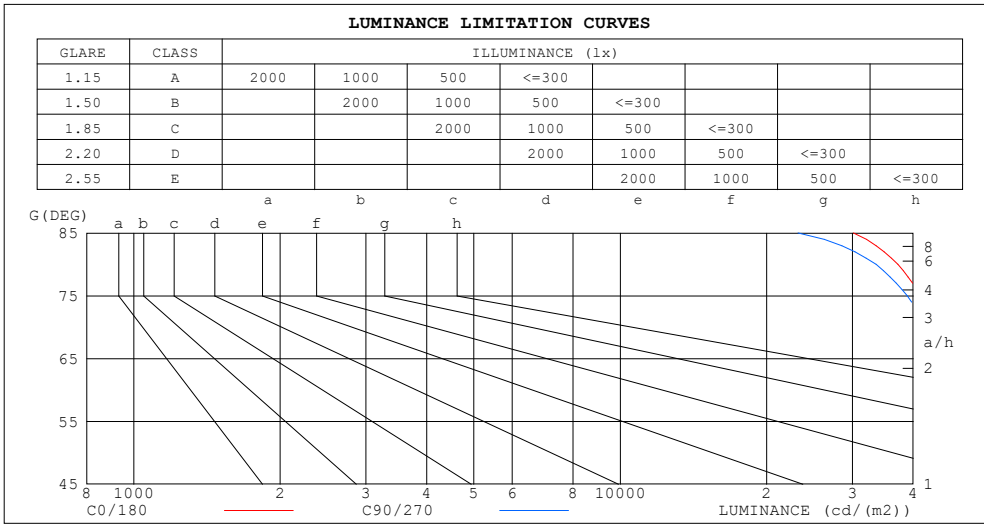
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	454.4	452.1	455.1	456.8	458.6	461.7	460.3	459.5	0- 10	44.05	44.05	3.26,3.58
20	428.9	423.5	428.5	431.7	436.8	442.6	438.9	437.1	10- 20	126.3	170.4	12.6,13.9
30	388.6	380.2	387.0	391.1	399.8	407.9	402.1	399.4	20- 30	191.7	362.1	26.8,29.4
40	335.2	324.2	332.2	337.0	348.4	358.6	351.1	348.0	30- 40	231.3	593.3	43.9,48.2
50	270.6	257.4	266.4	271.3	284.3	296.2	287.9	284.4	40- 50	239.6	832.9	61.7,67.7
60	198.1	183.8	192.9	197.5	212.4	225.5	216.5	212.9	50- 60	216.1	1049	77.6,85.3
70	122.5	108.4	116.9	120.8	135.6	148.9	140.4	136.8	60- 70	165.1	1214	89.9,98.7
80	51.70	39.63	46.64	49.51	62.07	74.49	67.04	64.06	70- 80	97.12	1311	97.1,107
90	0.2278	0.2162	0.2217	0.2163	1.855	11.06	5.382	3.529	80- 90	29.00	1340	99.2,109
100	0.5077	0.5834	0.5348	0.5294	0.6384	0.5573	0.6060	0.6222	90-100	0.6813	1341	99.3,109
110	1.010	1.113	1.054	1.027	1.158	1.044	1.114	1.141	100-110	0.8591	1342	99.3,109
120	1.589	1.692	1.621	1.616	1.742	1.628	1.704	1.725	110-120	1.360	1343	99.4,109
130	2.108	2.200	2.140	2.124	2.255	2.163	2.228	2.255	120-130	1.729	1345	99.5,109
140	2.508	2.584	2.541	2.525	2.655	2.590	2.639	2.661	130-140	1.855	1347	99.7,109
150	2.757	2.822	2.779	2.779	2.882	2.828	2.877	2.887	140-150	1.707	1348	99.8,110
160	2.936	2.984	2.952	2.957	2.985	2.958	2.979	2.985	150-160	1.339	1350	99.9,110
170	3.157	3.179	3.168	3.173	3.326	3.293	3.315	3.261	160-170	0.8708	1351	100,110
180	3.558	3.579	3.595	3.601	3.558	3.574	3.590	3.595	170-180	0.3204	1351	100,110
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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	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	30150	23187
80	37216	33575
75	41482	38885
70	44767	42711
65	47381	45781
60	49523	48221
55	51203	50183
50	52630	51799
45	53734	53083

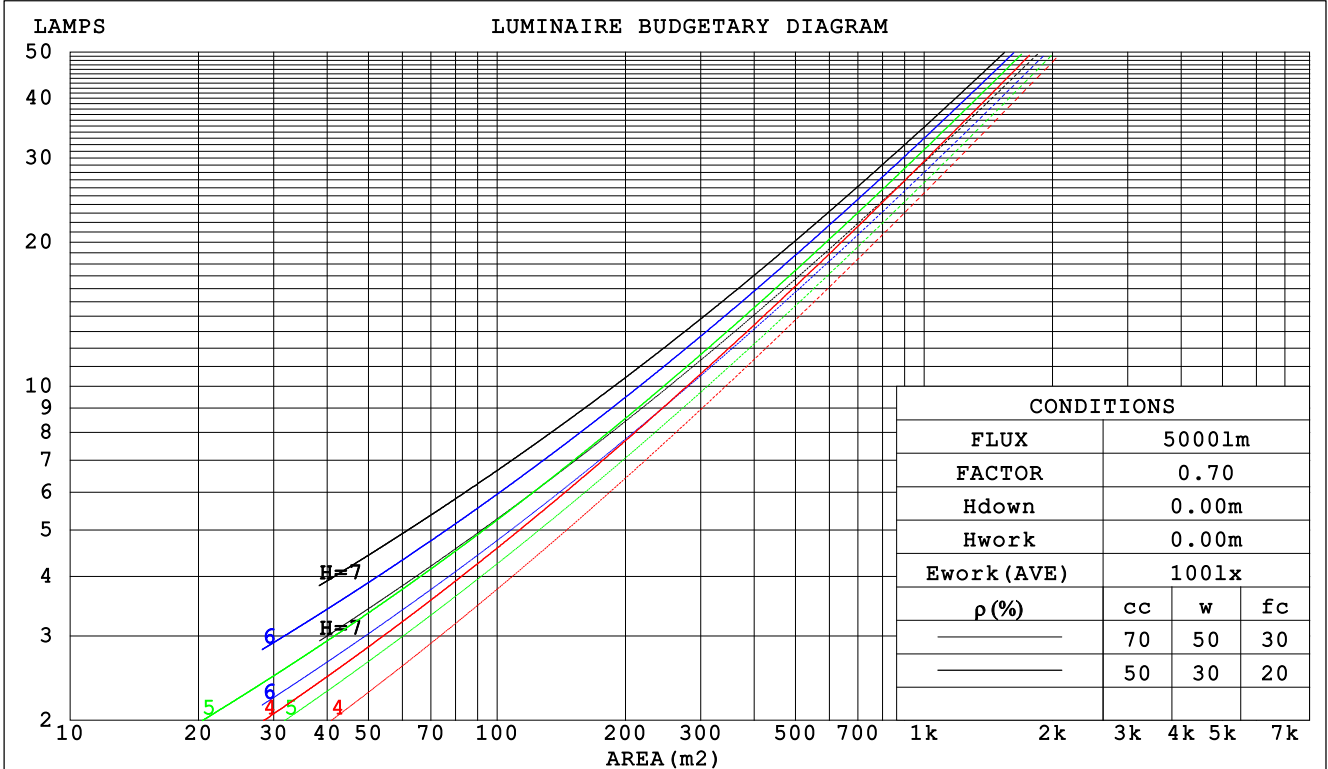
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-07-05

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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
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	1.31	1.31	1.31	1.27	1.27	1.27	1.22	1.22	1.22	1.16	1.16	1.16	1.11	1.11	1.11	1.09
1.0	1.14	1.09	1.05	1.11	1.07	1.03	1.06	1.03	.99	1.02	.99	.96	.98	.95	.93	.91
2.0	.99	.91	.85	.97	.90	.84	.93	.87	.82	.89	.84	.80	.85	.81	.78	.75
3.0	.87	.78	.70	.85	.77	.70	.81	.74	.68	.78	.72	.67	.75	.70	.66	.63
4.0	.77	.67	.60	.75	.66	.59	.72	.64	.58	.70	.63	.57	.67	.61	.56	.54
5.0	.69	.59	.51	.67	.58	.51	.65	.57	.50	.63	.55	.50	.60	.54	.49	.47
6.0	.62	.52	.45	.61	.51	.44	.58	.50	.44	.57	.49	.43	.55	.48	.43	.41
7.0	.56	.46	.39	.55	.46	.39	.53	.45	.39	.51	.44	.38	.50	.43	.38	.36
8.0	.51	.42	.35	.50	.41	.35	.49	.40	.35	.47	.40	.34	.46	.39	.34	.32
9.0	.47	.38	.32	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.36	.31	.29
10.0	.43	.34	.29	.43	.34	.28	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26



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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.344	.196	.062	.336	.192	.061	.321	.184	.059	.307	.177	.057	.295	.171	.055	
2.0	.323	.177	.054	.316	.174	.054	.302	.168	.052	.290	.163	.051	.279	.158	.050	
3.0	.298	.159	.047	.292	.156	.047	.280	.152	.046	.269	.147	.045	.259	.143	.044	
4.0	.275	.143	.042	.269	.141	.042	.259	.137	.041	.249	.134	.040	.240	.130	.040	
5.0	.254	.129	.037	.249	.128	.037	.239	.125	.037	.231	.122	.036	.223	.119	.036	
6.0	.235	.118	.034	.231	.117	.034	.222	.114	.033	.215	.112	.033	.207	.109	.032	
7.0	.219	.108	.031	.215	.107	.030	.207	.105	.030	.200	.103	.030	.194	.101	.030	
8.0	.204	.100	.028	.201	.099	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	
9.0	.191	.093	.026	.188	.092	.026	.182	.090	.026	.177	.088	.025	.171	.087	.025	
10.0	.180	.086	.024	.177	.085	.024	.172	.084	.024	.166	.083	.023	.162	.081	.023	

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	.216	.216	.216	.184	.184	.184	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.205	.178	.154	.175	.153	.132	.120	.105	.092	.069	.061	.053	.022	.020	.017	
2.0	.196	.152	.114	.168	.131	.099	.115	.090	.069	.066	.053	.040	.021	.017	.013	
3.0	.188	.132	.088	.161	.114	.076	.110	.079	.054	.064	.046	.032	.021	.015	.010	
4.0	.179	.118	.071	.154	.102	.061	.106	.071	.043	.061	.042	.026	.020	.014	.008	
5.0	.171	.106	.059	.147	.092	.051	.101	.064	.036	.059	.038	.021	.019	.012	.007	
6.0	.163	.097	.050	.140	.084	.043	.097	.059	.031	.056	.035	.018	.018	.011	.006	
7.0	.156	.090	.043	.134	.078	.038	.093	.054	.027	.054	.032	.016	.017	.011	.005	
8.0	.149	.083	.038	.128	.072	.033	.089	.051	.024	.052	.030	.014	.017	.010	.005	
9.0	.142	.078	.035	.122	.068	.030	.085	.047	.021	.049	.028	.013	.016	.009	.004	
10.0	.136	.073	.032	.117	.064	.028	.081	.045	.020	.047	.026	.012	.015	.009	.004	

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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0lm										
NAME: ASD-JBS-6D15WH					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	25.5	27.0	25.8	27.2	27.4	25.3	26.9	25.6	27.1	27.3
3H	27.0	28.4	27.3	28.6	28.9	26.8	28.2	27.1	28.4	28.7
4H	27.6	28.9	27.9	29.2	29.4	27.3	28.6	27.6	28.9	29.2
6H	28.0	29.2	28.3	29.5	29.8	27.7	28.9	28.0	29.2	29.5
8H	28.1	29.3	28.5	29.6	29.9	27.8	29.0	28.1	29.3	29.6
12H	28.2	29.3	28.5	29.7	30.0	27.8	29.0	28.2	29.3	29.6
4H 2H	26.0	27.3	26.3	27.6	27.9	25.9	27.2	26.2	27.5	27.8
3H	27.6	28.8	28.0	29.1	29.4	27.5	28.6	27.8	28.9	29.3
4H	28.3	29.4	28.7	29.8	30.1	28.1	29.2	28.5	29.5	29.9
6H	28.9	29.8	29.3	30.2	30.6	28.6	29.5	29.0	29.9	30.3
8H	29.1	30.0	29.5	30.3	30.7	28.7	29.6	29.1	30.0	30.4
12H	29.2	30.0	29.6	30.4	30.8	28.8	29.6	29.2	30.0	30.4
8H 4H	28.5	29.4	29.0	29.8	30.2	28.3	29.2	28.7	29.6	30.0
6H	29.2	29.9	29.6	30.3	30.8	28.9	29.6	29.3	30.0	30.5
8H	29.4	30.1	29.9	30.5	31.0	29.1	29.7	29.6	30.2	30.6
12H	29.6	30.2	30.1	30.6	31.1	29.2	29.7	29.7	30.2	30.7
12H 4H	28.5	29.3	29.0	29.7	30.2	28.3	29.1	28.7	29.5	29.9
6H	29.2	29.9	29.7	30.3	30.8	28.9	29.6	29.4	30.0	30.5
8H	29.5	30.0	30.0	30.5	31.0	29.1	29.7	29.6	30.2	30.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 1230 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

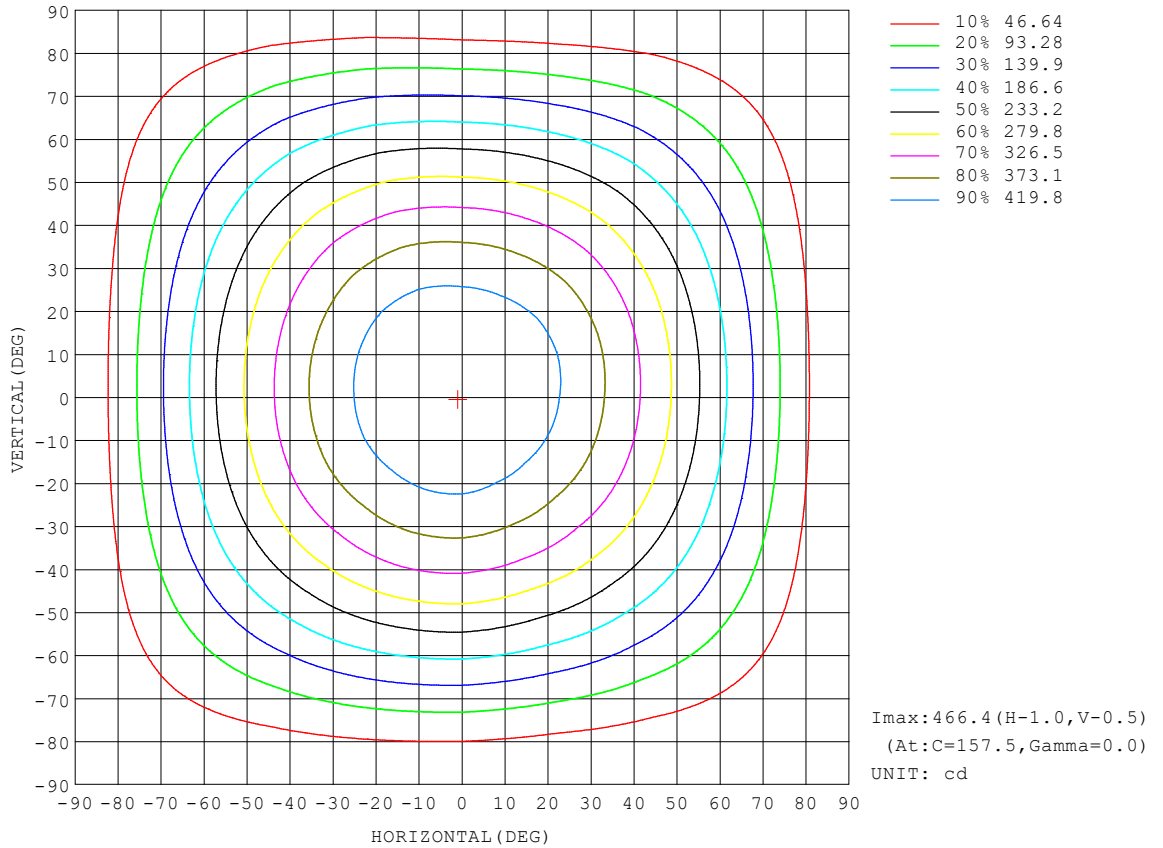
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	50	42	62	50	42	61	49	42	35
0.80	74	61	53	73	60	53	71	59	52	44
1.00	83	71	63	82	70	62	79	71	62	54
1.25	91	79	71	89	78	71	86	77	70	62
1.50	96	85	77	94	84	77	91	82	76	67
2.00	104	94	87	102	93	86	98	90	84	76
2.50	108	99	93	106	98	92	101	95	90	80
3.00	112	104	98	109	102	97	105	99	94	85
4.00	116	110	105	114	108	103	109	104	100	90
5.00	119	114	109	116	111	107	111	107	104	93
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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

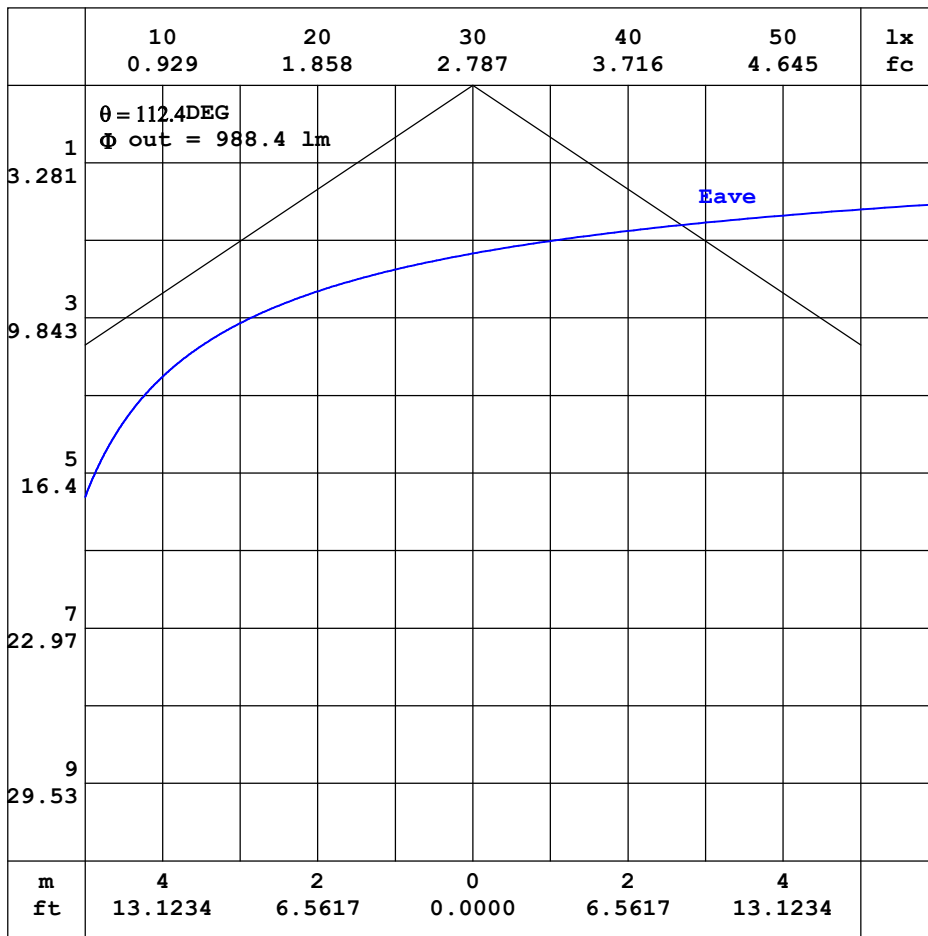


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2025-07-05

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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0



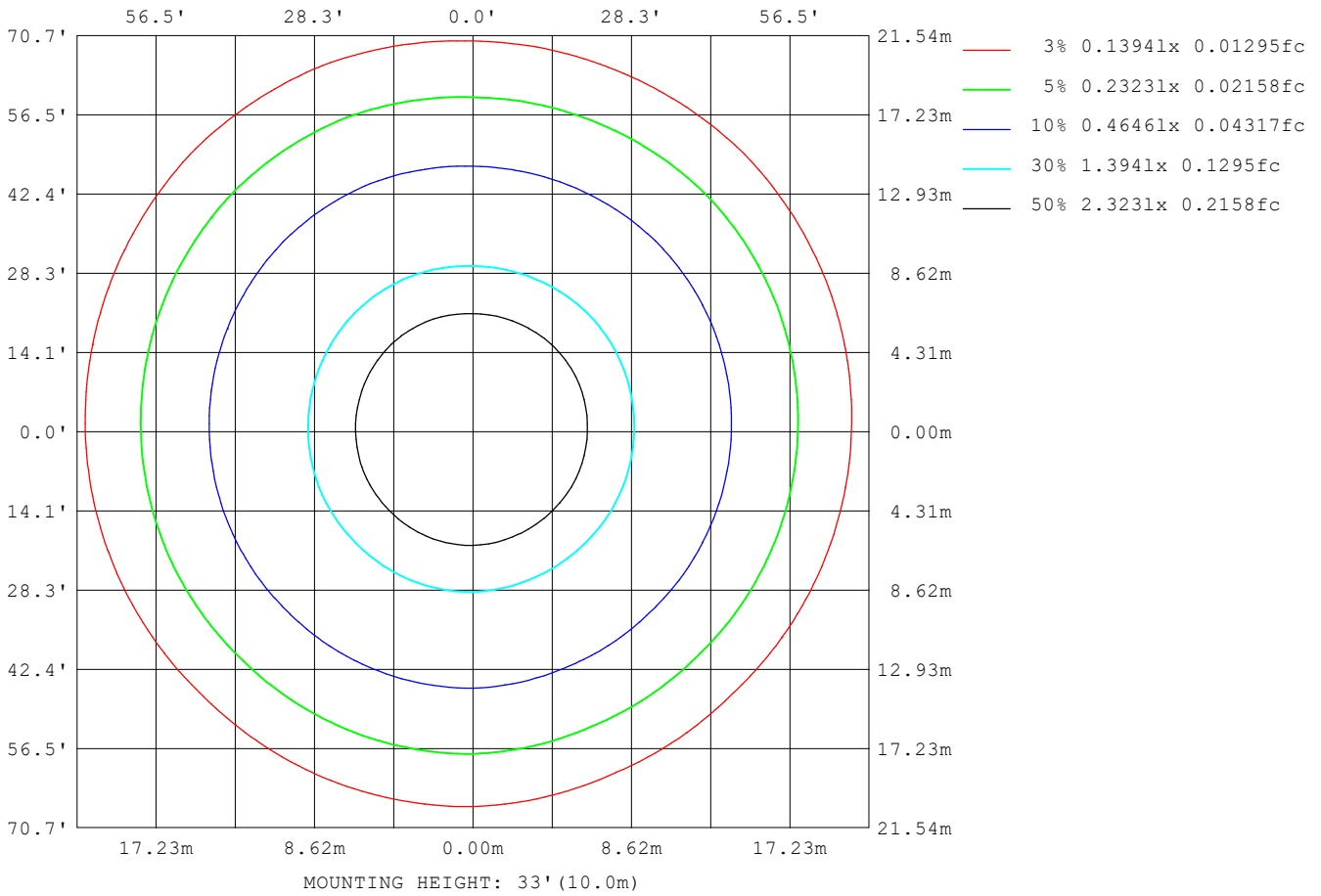
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:0

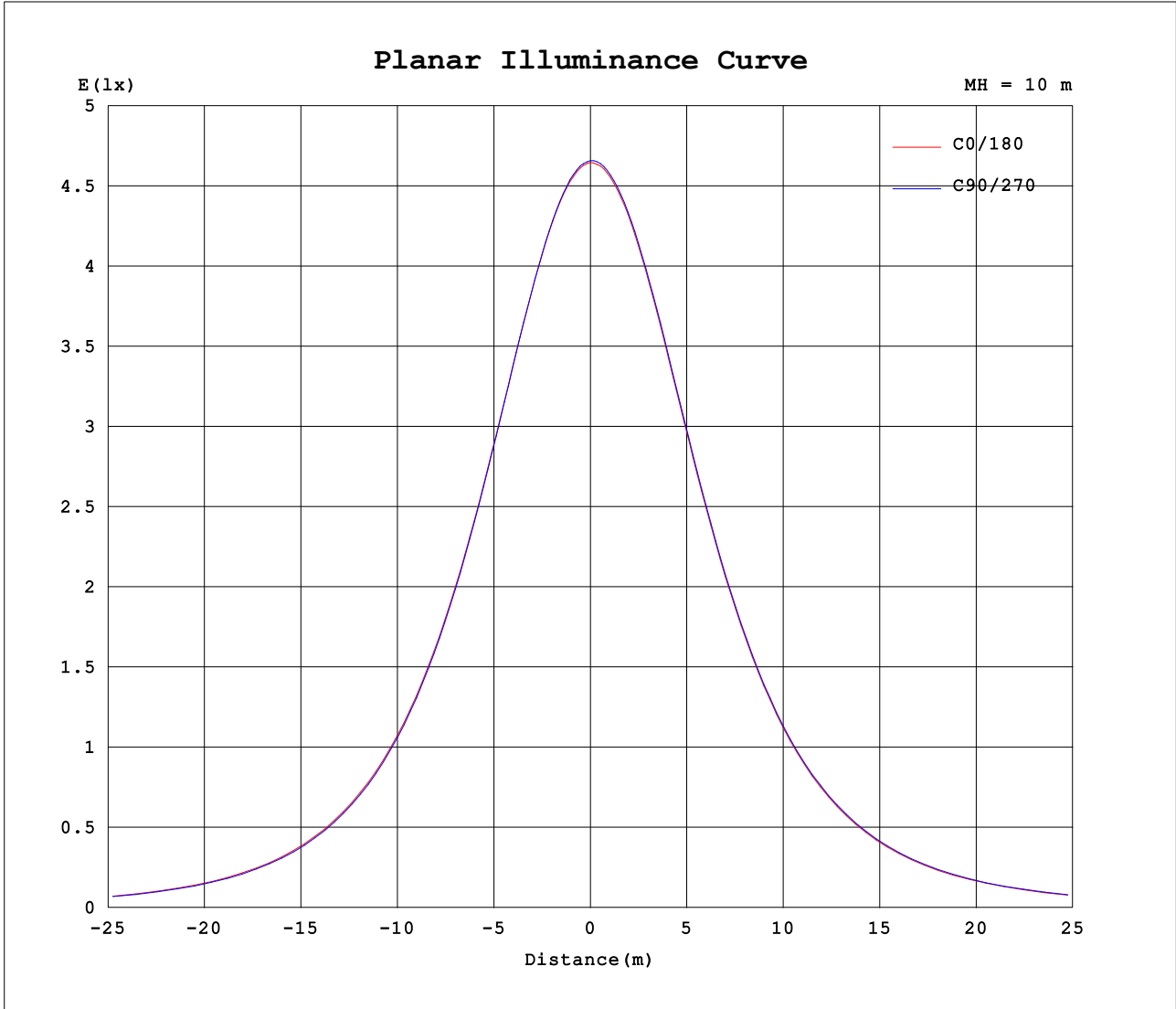
AvgL	cd/m2
L_0~180 (65) av	49461
L_0~180 (75) av	44360
L_0~180 (85) av	36330
L_90~270 (65) av	49313
L_90~270 (75) av	44249
L_90~270 (85) av	36263
L_45 (65) av	49352
L_45 (75) av	44303
L_45 (85) av	36536

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:120.17V I:0.1196A P:14.211W PF:0.9885 Freq:59.98Hz Lamp Flux:1200.0 lm		
NAME: ASD-JBS-6D15WH	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	465	465	465	465	466	466	466	467	465	465	465	465	466	466	466	467			
5	461	461	461	461	462	463	464	465	463	464	465	466	465	465	465	464			
10	454	453	452	453	455	456	457	459	459	460	462	462	460	460	459	458			
15	444	441	440	441	444	445	446	449	450	452	454	454	452	451	450	448			
20	429	426	424	425	429	430	432	435	437	440	443	442	439	438	437	434			
25	411	407	404	405	409	412	413	418	420	424	427	427	422	420	420	417			
30	389	384	380	381	387	389	391	396	400	404	408	407	402	400	399	395			
35	364	358	354	355	361	364	366	372	376	381	385	384	378	376	375	370			
40	335	330	324	325	332	335	337	344	348	354	359	358	351	348	348	343			
45	304	297	292	292	300	303	305	312	317	324	329	328	321	318	316	312			
50	271	263	257	258	266	269	271	278	284	291	296	296	288	285	284	279			
55	235	228	221	222	230	233	235	242	249	256	262	261	253	250	249	243			
60	198	190	184	185	193	195	198	205	212	219	225	225	217	213	213	206			
65	160	153	146	147	155	157	159	167	174	181	188	187	179	176	175	168			
70	122	115	108	109	117	119	121	129	136	142	149	148	140	137	137	130			
75	85.9	78.7	72.6	72.8	80.5	82.8	84.0	90.9	97.8	104	111	111	103	100.0	99.5	92.8			
80	51.7	45.5	39.6	40.2	46.6	48.4	49.5	56.1	62.1	68.4	74.5	74.3	67.0	64.6	64.1	58.0			
85	21.0	15.4	10.7	10.6	16.2	17.7	18.5	23.8	29.6	35.5	41.0	41.0	34.4	32.3	31.8	26.4			
90	0.23	0.25	0.22	0.26	0.22	0.23	0.22	0.23	1.85	6.06	11.1	10.9	5.38	3.60	3.53	0.81			
95	0.31	0.40	0.38	0.42	0.35	0.38	0.32	0.34	0.44	0.41	0.42	0.42	0.43	0.41	0.43	0.43			
100	0.51	0.59	0.58	0.63	0.53	0.58	0.53	0.52	0.64	0.56	0.56	0.56	0.61	0.57	0.62	0.62			
105	0.75	0.83	0.83	0.87	0.78	0.80	0.76	0.76	0.88	0.78	0.77	0.75	0.83	0.82	0.86	0.86			
110	1.01	1.09	1.11	1.14	1.05	1.07	1.03	1.02	1.16	1.05	1.04	1.02	1.11	1.10	1.14	1.16			
115	1.30	1.38	1.41	1.43	1.34	1.36	1.33	1.30	1.44	1.36	1.34	1.31	1.41	1.41	1.43	1.46			
120	1.59	1.67	1.69	1.71	1.62	1.63	1.62	1.58	1.74	1.66	1.63	1.61	1.70	1.69	1.73	1.76			
125	1.85	1.93	1.96	1.97	1.89	1.90	1.87	1.87	2.01	1.94	1.90	1.89	1.97	1.98	2.00	2.04			
130	2.11	2.18	2.20	2.21	2.14	2.15	2.12	2.10	2.26	2.19	2.16	2.16	2.23	2.24	2.26	2.29			
135	2.34	2.38	2.41	2.42	2.36	2.36	2.34	2.31	2.47	2.42	2.40	2.39	2.46	2.47	2.48	2.51			
140	2.51	2.57	2.58	2.58	2.54	2.54	2.52	2.49	2.66	2.62	2.59	2.58	2.64	2.65	2.66	2.69			
145	2.65	2.70	2.72	2.73	2.68	2.67	2.67	2.64	2.80	2.76	2.74	2.73	2.78	2.80	2.80	2.83			
150	2.76	2.80	2.82	2.82	2.78	2.78	2.78	2.76	2.88	2.85	2.83	2.83	2.88	2.88	2.89	2.91			
155	2.85	2.89	2.91	2.90	2.89	2.87	2.87	2.85	2.93	2.90	2.89	2.89	2.93	2.93	2.94	2.95			
160	2.94	2.97	2.98	2.97	2.95	2.96	2.96	2.94	2.98	2.96	2.96	2.96	2.98	2.99	2.98	3.01			
165	3.04	3.07	3.08	3.08	3.07	3.06	3.07	3.04	3.13	3.10	3.09	3.09	3.10	3.10	3.09	3.10			
170	3.16	3.16	3.18	3.17	3.17	3.16	3.17	3.18	3.33	3.31	3.29	3.29	3.31	3.30	3.26	3.26			
175	3.32	3.34	3.35	3.35	3.35	3.36	3.40	3.41	3.48	3.48	3.47	3.47	3.48	3.48	3.47	3.46			
180	3.56	3.59	3.58	3.59	3.60	3.60	3.60	3.61	3.56	3.57	3.57	3.58	3.59	3.60	3.60	3.60			

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 C Interval: 22.5DEG
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