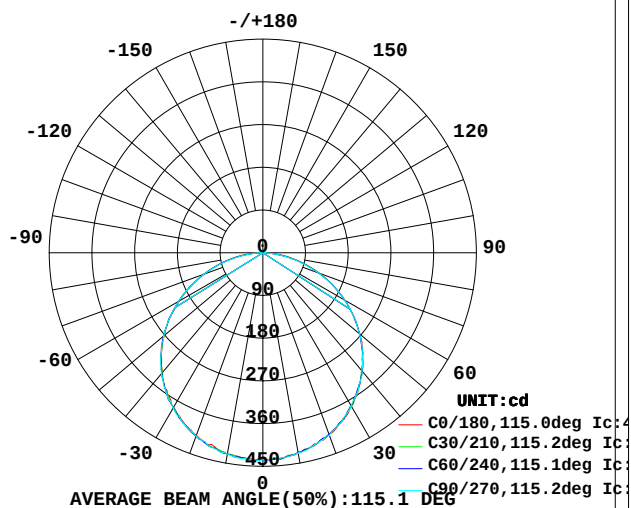


LUMINAIRE PHOTOMETRIC TEST REPORT

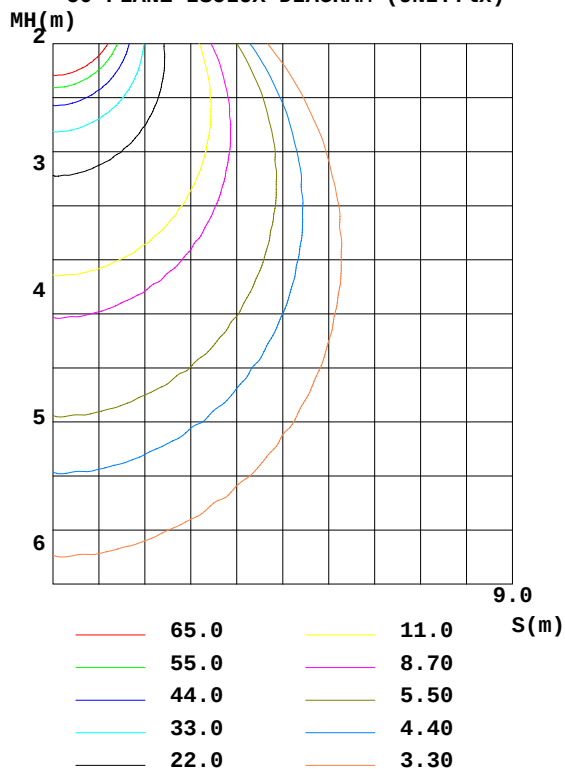
Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.78 lm/W			
MODEL	ASD-LMPJBR-6D15CC-BZ	I _{max} (cd)	438.0	S/MH(C0/180)	1.28
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1320.9	η UP, DN(C0-180)	1.0, 48.5
NOMINAL FLUX(lm)	1320.94	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.1, 49.5
LAMPS INSIDE	1	η up(%)	2.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	98.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:wxh
Test Date:2019-05-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.500m [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	428.8	428.3	428.2	427.4	431.2	429.7	430.8	430.3	0- 10	41.31	41.31	3.13,3.13
20	406.8	406.7	409.9	407.3	409.5	410.4	411.6	410.7	10- 20	118.9	160.2	12.1,12.1
30	373.8	372.3	372.0	373.9	375.9	378.5	378.0	377.9	20- 30	181.6	341.8	25.9,25.9
40	325.2	325.1	325.1	326.8	330.2	330.6	332.9	328.9	30- 40	221.0	562.7	42.6,42.6
50	266.9	267.0	265.9	268.8	271.4	271.7	273.3	270.9	40- 50	231.4	794.2	60.1,60.1
60	199.1	199.3	199.0	199.7	203.2	205.0	205.7	202.9	50- 60	211.3	1006	76.1,76.1
70	126.8	127.3	124.1	128.2	131.4	132.4	131.0	130.3	60- 70	164.1	1170	88.5,88.5
80	57.80	54.10	50.01	55.00	62.07	58.65	56.32	57.19	70- 80	97.24	1267	95.9,95.9
90	3.420	3.698	4.141	3.656	5.132	4.369	5.330	4.266	80- 90	27.05	1294	98,98
100	3.535	3.547	3.524	3.536	4.098	4.090	4.079	4.105	90-100	4.143	1298	98.3,98.3
110	3.759	3.744	3.762	3.774	4.302	4.282	4.279	4.302	100-110	4.145	1302	98.6,98.6
120	3.974	3.963	3.940	3.975	4.475	4.440	4.452	4.486	110-120	4.088	1306	98.9,98.9
130	4.216	4.183	4.209	4.179	4.641	4.587	4.622	4.633	120-130	3.863	1310	99.2,99.2
140	4.490	4.460	4.475	4.464	4.784	4.775	4.784	4.787	130-140	3.493	1314	99.5,99.5
150	4.767	4.749	4.772	4.764	4.926	4.933	4.941	4.976	140-150	2.974	1317	99.7,99.7
160	5.037	5.023	5.068	5.045	5.107	5.099	5.115	5.134	150-160	2.296	1319	99.9,99.9
170	5.280	5.261	5.257	5.269	5.277	5.280	5.288	5.311	160-170	1.467	1320	100,100
180	5.388	5.373	5.376	5.407	5.361	5.373	5.365	5.388	170-180	0.5084	1321	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

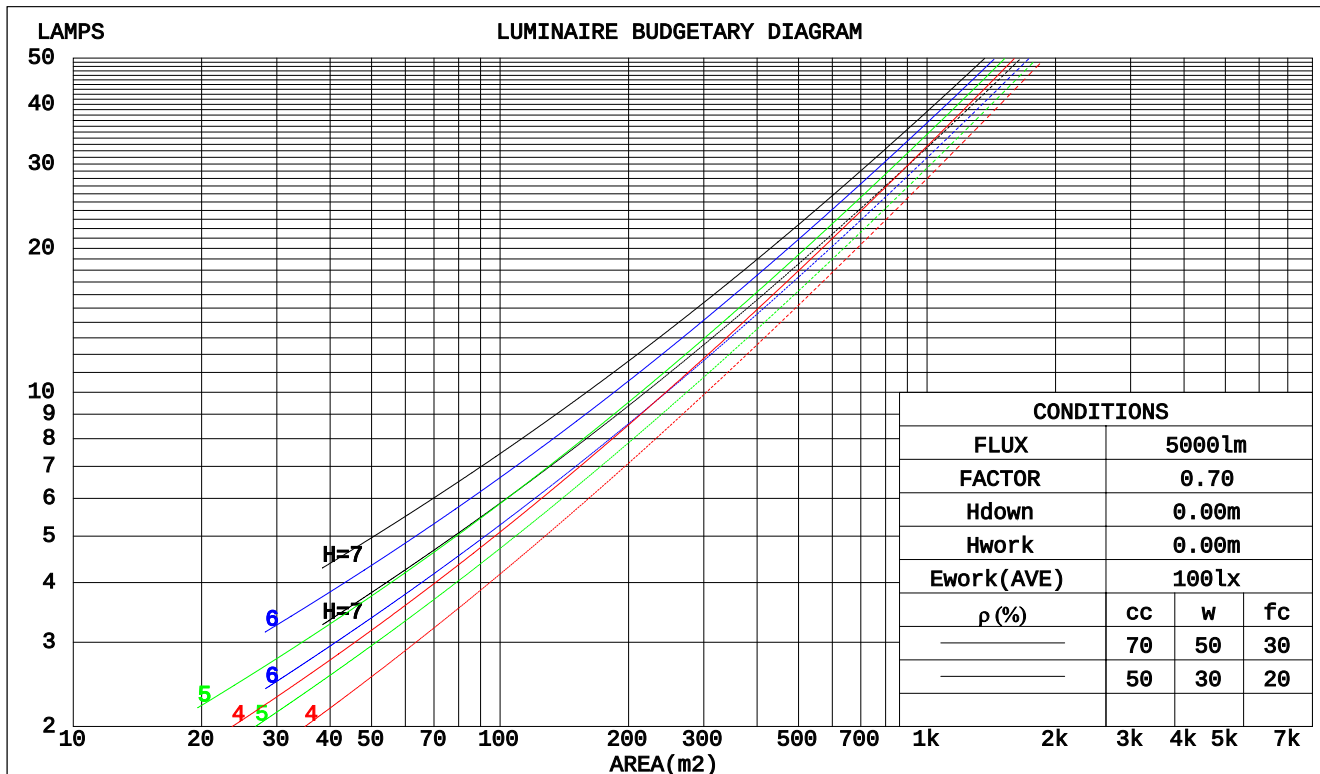
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.67
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm					
NAME: ASD-LMPJBR-6D15CC-BZ			TYPE:		WEIGHT:
SPEC.: 4000K			DIM.:		SERIAL No.:
MFR.:ASD Lighting Corp.			SUR.:		PROTECTION ANGLE:

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 Coeffcients(WEC)									
0.0																
1.0	.315	.179	.057	.307	.175	.056	.293	.168	.054	.279	.161	.052	.267	.155	.050	
2.0	.295	.162	.050	.288	.159	.049	.276	.153	.048	.264	.148	.046	.253	.143	.045	
3.0	.273	.145	.043	.267	.143	.043	.255	.138	.042	.245	.134	.041	.235	.130	.040	
4.0	.251	.131	.038	.246	.129	.038	.236	.125	.037	.226	.121	.037	.217	.118	.036	
5.0	.232	.118	.034	.227	.117	.034	.218	.114	.033	.210	.111	.033	.202	.108	.032	
6.0	.215	.108	.031	.211	.106	.031	.202	.104	.030	.195	.101	.030	.188	.099	.029	
7.0	.200	.099	.028	.196	.098	.028	.189	.095	.027	.182	.093	.027	.175	.091	.027	
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.165	.084	.025	
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.146	.073	.021	

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	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022		
1.0	.196	.172	.150	.168	.147	.129	.115	.101	.089	.066	.059	.052	.021	.019	.017		
2.0	.188	.148	.113	.161	.127	.098	.111	.088	.068	.064	.051	.040	.020	.017	.013		
3.0	.181	.130	.090	.155	.112	.078	.106	.078	.055	.061	.046	.032	.020	.015	.011		
4.0	.173	.117	.074	.149	.101	.064	.102	.070	.045	.059	.041	.027	.019	.013	.009		
5.0	.166	.107	.063	.142	.092	.055	.098	.064	.039	.057	.038	.023	.018	.012	.008		
6.0	.159	.098	.055	.136	.085	.048	.094	.060	.034	.055	.035	.020	.018	.011	.007		
7.0	.152	.091	.049	.131	.079	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006		
8.0	.145	.086	.045	.125	.074	.039	.087	.052	.028	.050	.031	.016	.016	.010	.005		
9.0	.139	.081	.041	.120	.070	.036	.083	.049	.026	.048	.029	.015	.016	.010	.005		
10.0	.134	.077	.039	.115	.066	.034	.080	.047	.024	.047	.028	.014	.015	.009	.005		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm											
NAME: ASD-LMPJBR-6D15CC-BZ					TYPE:			WEIGHT:			
SPEC.: 4000K					DIM.:			SERIAL No.:			
MFR.: ASD Lighting Corp.					SUR.:			PROTECTION 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	3H	17.6	19.1	17.9	19.4	19.6	17.6	19.1	17.9	19.4	19.6
	4H	19.2	20.6	19.5	20.9	21.2	19.2	20.6	19.5	20.8	21.1
	6H	19.9	21.2	20.2	21.5	21.8	19.8	21.1	20.1	21.4	21.7
	8H	20.4	21.6	20.7	21.9	22.2	20.2	21.4	20.6	21.7	22.1
	12H	20.5	21.7	20.9	22.1	22.4	20.3	21.5	20.7	21.8	22.2
	12H	20.6	21.8	21.0	22.1	22.5	20.3	21.5	20.7	21.8	22.2
4H 2H	3H	18.3	19.6	18.6	19.9	20.2	18.3	19.6	18.6	19.9	20.2
	4H	20.0	21.2	20.4	21.5	21.9	20.0	21.1	20.4	21.5	21.8
	6H	20.8	21.9	21.2	22.2	22.6	20.7	21.8	21.1	22.1	22.5
	8H	21.4	22.4	21.9	22.8	23.2	21.2	22.2	21.7	22.6	23.0
	12H	21.7	22.5	22.1	22.9	23.4	21.4	22.3	21.8	22.7	23.1
	12H	21.8	22.6	22.3	23.0	23.5	21.5	22.3	21.9	22.7	23.1
8H 4H	6H	21.1	21.9	21.5	22.4	22.8	21.0	21.9	21.4	22.3	22.7
	8H	21.9	22.6	22.3	23.0	23.5	21.7	22.4	22.1	22.8	23.3
	12H	22.2	22.8	22.7	23.3	23.8	21.9	22.5	22.4	23.0	23.5
	12H	22.4	23.0	22.9	23.4	24.0	22.0	22.6	22.5	23.0	23.6
12H 4H	6H	21.1	21.9	21.5	22.3	22.8	21.0	21.8	21.5	22.2	22.7
	8H	21.9	22.5	22.4	23.0	23.5	21.7	22.4	22.2	22.8	23.3
	8H	22.3	22.8	22.8	23.3	23.8	22.0	22.5	22.5	23.0	23.5
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					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1321 lm Total Lamp Luminous Flux.(8log(F/F₀) = 1.0)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

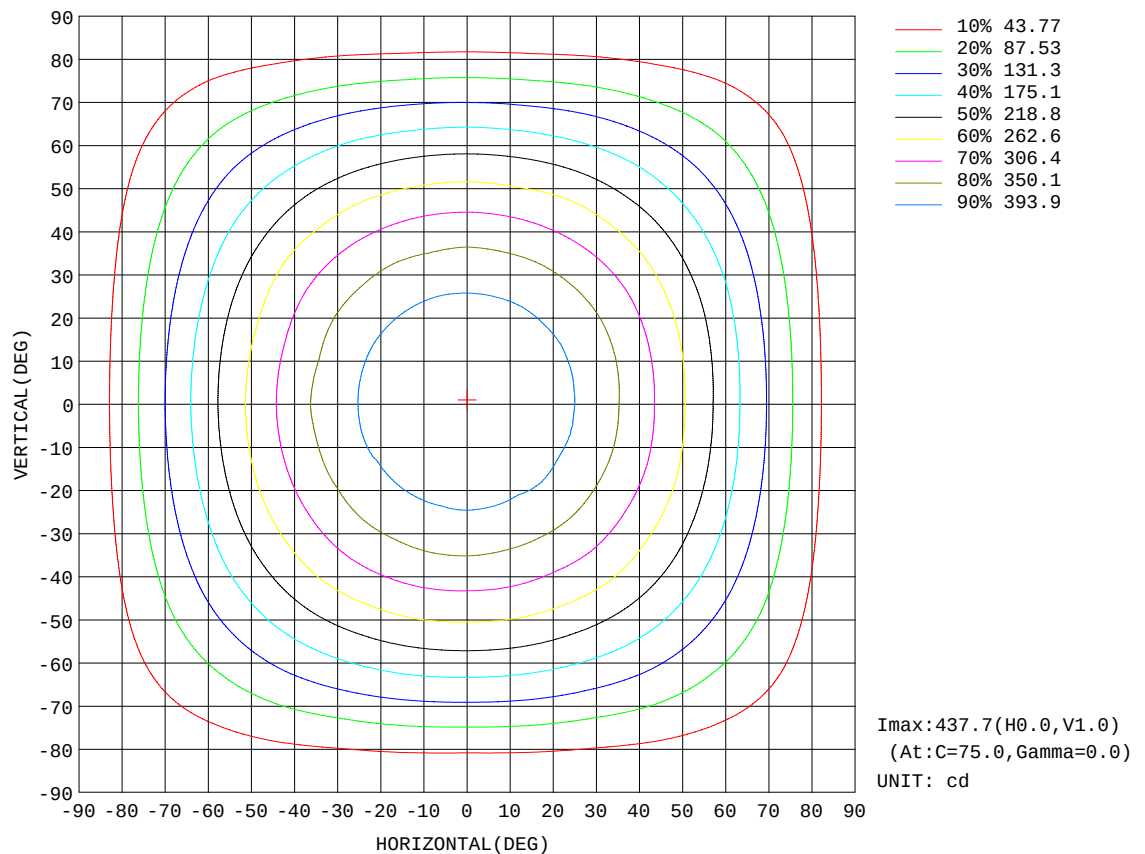
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	56	44	37	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	91	85	81	72
3.00	101	94	89	99	92	87	95	89	85	76
4.00	105	99	95	103	98	93	98	94	90	81
5.00	108	103	99	105	101	97	100	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

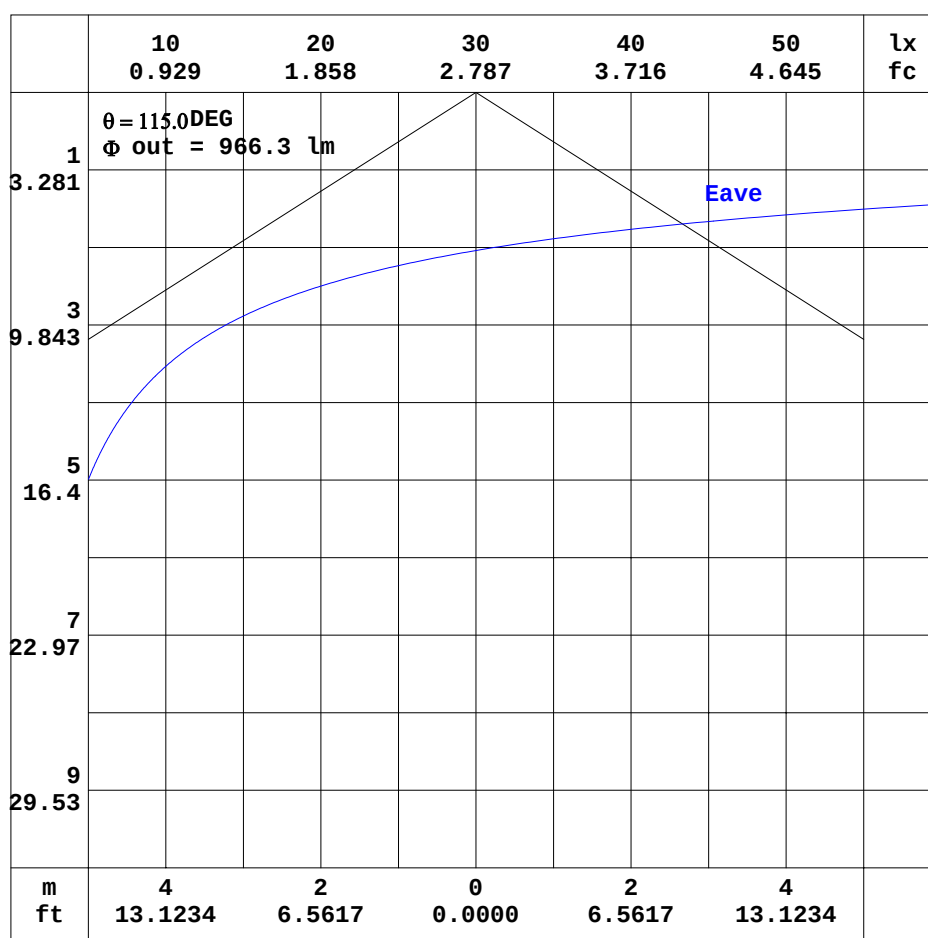


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: wxh
Test Date: 2019-05-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 7.500m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:



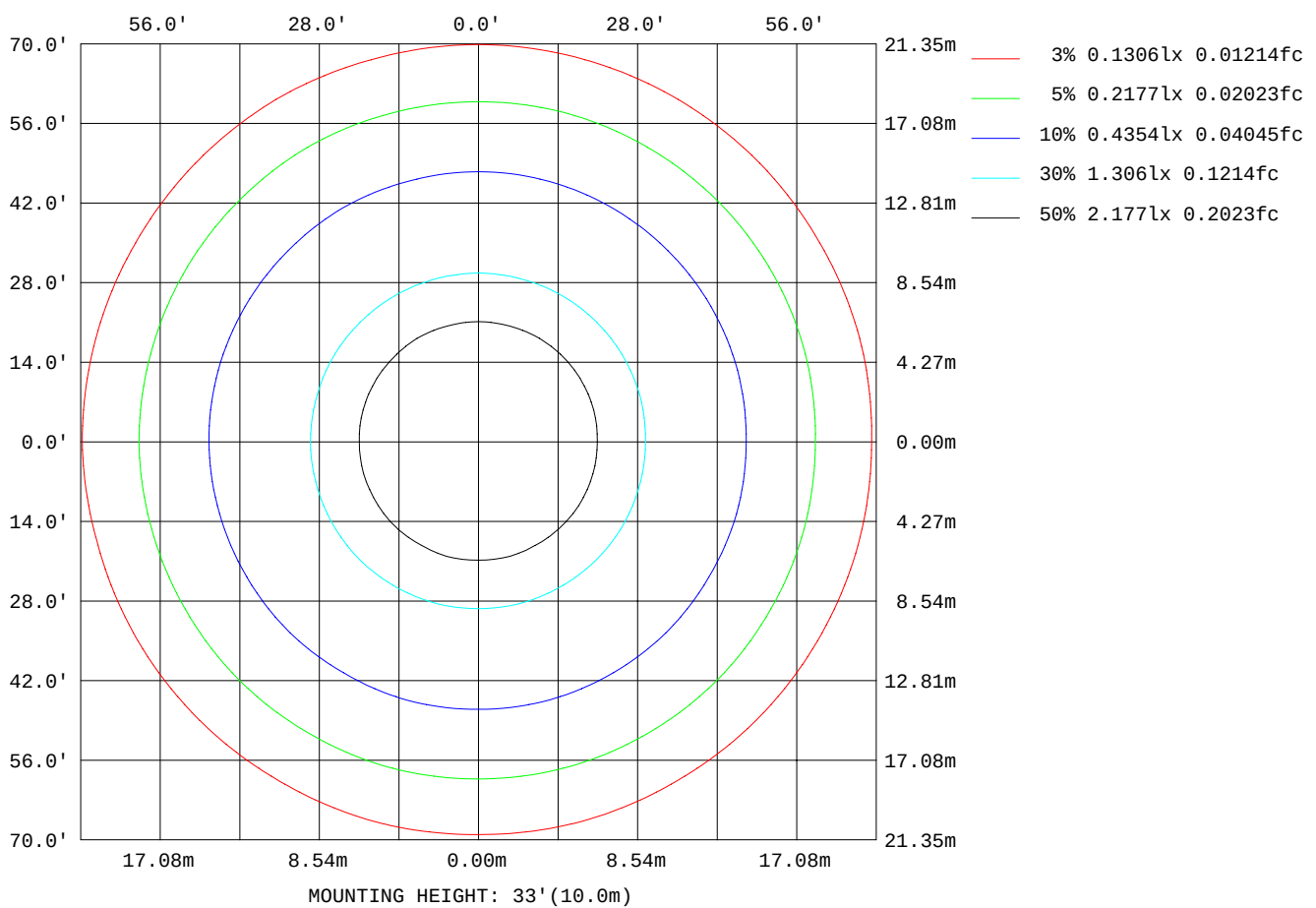
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

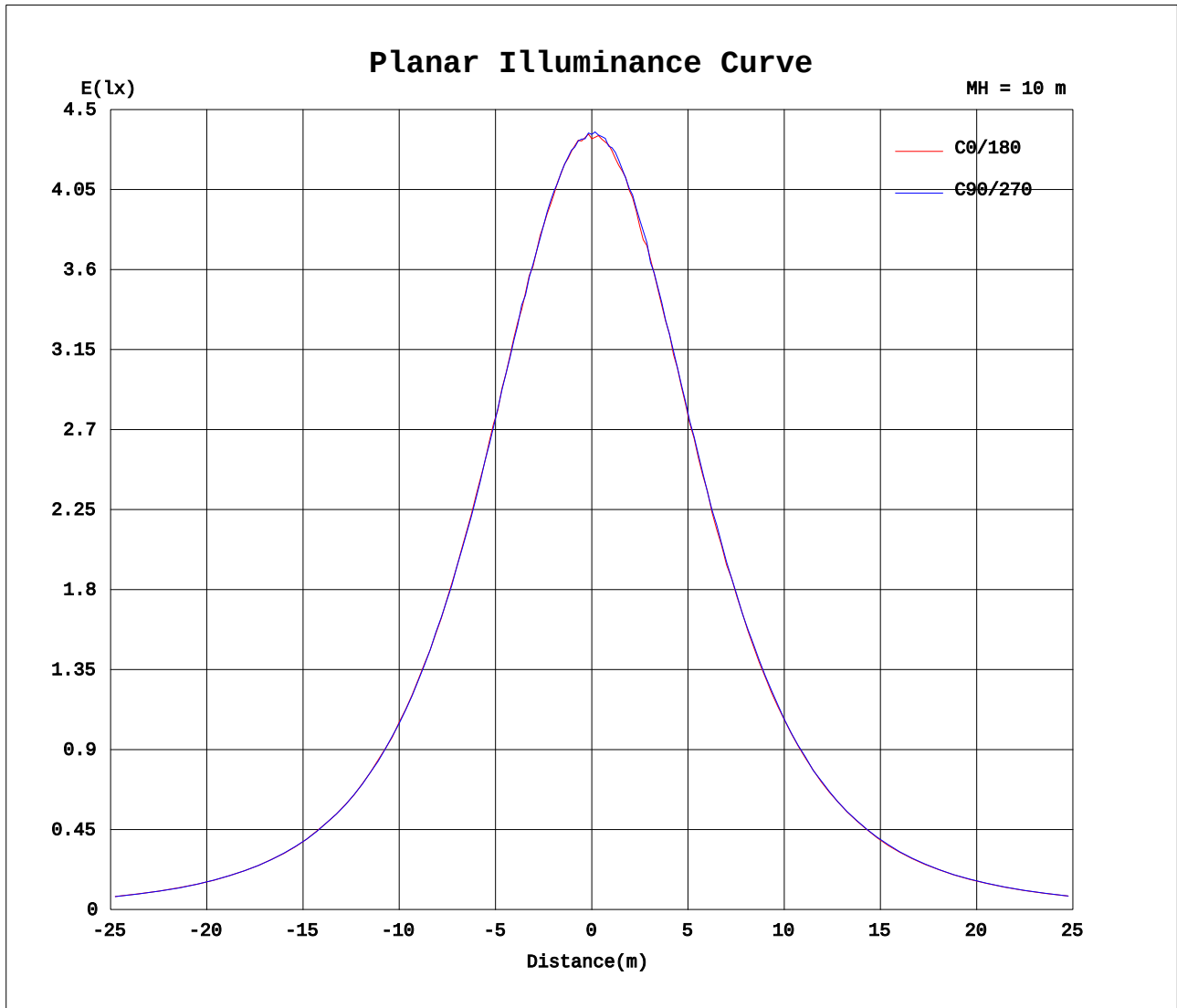
AvgL	cd/m2
L_0~180(65)av	3923
L_0~180(75)av	3609
L_0~180(85)av	3378
L_90~270(65)av	3920
L_90~270(75)av	3483
L_90~270(85)av	2060
L_45(65)av	3936
L_45(75)av	3564
L_45(85)av	2575

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: wxh
Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 7.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	434	434	435	436	437	438	436	436	436	436	436	437	434	434	435	436	437	438	436
5	435	433	435	434	437	433	434	434	435	434	435	436	435	435	435	434	434	436	434
10	429	428	429	428	426	427	428	430	427	427	426	430	431	430	432	430	430	430	431
15	421	421	420	419	417	420	419	419	421	421	419	421	418	420	422	420	424	423	424
20	407	408	408	407	407	409	410	407	407	407	408	409	409	410	411	410	411	410	412
25	394	394	392	393	392	392	393	393	391	392	393	395	395	396	396	396	397	397	396
30	374	375	374	372	371	371	372	373	372	374	372	375	376	376	377	379	377	378	378
35	351	351	350	350	349	349	351	352	351	352	351	355	353	353	356	356	356	357	356
40	325	326	323	325	326	325	325	327	324	327	329	329	330	330	330	331	331	329	333
45	298	297	297	298	297	296	296	299	298	299	298	301	303	302	304	303	303	303	303
50	267	268	265	267	267	268	266	267	266	269	268	271	271	271	272	272	274	273	273
55	235	235	233	234	233	234	233	235	233	236	236	237	239	240	240	240	241	240	240
60	199	199	199	199	198	200	199	200	199	200	201	202	203	204	205	205	205	205	206
65	164	164	164	164	163	164	162	164	164	165	166	165	168	168	168	169	170	169	169
70	127	127	127	127	125	125	124	126	127	128	128	129	131	132	133	132	132	132	131
75	90.9	92.1	89.9	90.4	87.7	87.6	86.5	87.9	88.3	90.7	91.1	93.2	95.9	95.5	96.8	94.9	95.1	92.7	93.8
80	57.8	57.6	55.3	54.1	51.7	51.2	50.0	51.3	52.0	55.0	56.4	59.1	62.1	61.1	61.1	58.7	58.0	55.9	56.3
85	27.5	23.9	20.2	20.6	17.5	16.9	15.7	17.3	18.2	21.6	23.8	27.7	31.4	29.4	27.7	24.2	22.5	20.2	20.3
90	3.42	3.47	3.43	3.70	3.87	4.36	4.14	4.41	4.00	3.66	3.44	3.57	5.13	4.35	4.19	4.37	5.02	5.03	5.33
95	3.44	3.43	3.44	3.50	3.57	3.60	3.57	3.60	3.54	3.47	3.44	3.43	4.02	4.02	4.01	4.06	4.08	4.10	4.11
100	3.54	3.55	3.55	3.55	3.54	3.52	3.52	3.52	3.52	3.54	3.60	3.52	4.10	4.09	4.09	4.09	4.09	4.08	4.08
105	3.64	3.64	3.66	3.64	3.64	3.63	3.64	3.62	3.66	3.65	3.66	3.62	4.20	4.20	4.20	4.18	4.17	4.17	4.18
110	3.76	3.75	3.75	3.74	3.76	3.75	3.76	3.76	3.76	3.77	3.77	3.75	4.30	4.31	4.28	4.28	4.26	4.28	4.28
115	3.87	3.86	3.86	3.86	3.87	3.85	3.86	3.85	3.86	3.87	3.86	3.88	4.39	4.39	4.39	4.37	4.37	4.36	4.36
120	3.97	3.96	3.96	3.96	3.97	3.96	3.94	3.94	3.97	3.97	3.97	3.99	4.48	4.47	4.47	4.44	4.46	4.45	4.45
125	4.05	4.07	4.07	4.06	4.09	4.06	4.07	4.07	4.07	4.08	4.09	4.09	4.56	4.55	4.53	4.54	4.54	4.53	4.53
130	4.22	4.18	4.20	4.18	4.17	4.17	4.21	4.18	4.20	4.18	4.22	4.23	4.64	4.63	4.61	4.59	4.60	4.62	4.62
135	4.34	4.33	4.31	4.31	4.31	4.32	4.31	4.31	4.32	4.33	4.35	4.34	4.72	4.72	4.70	4.68	4.70	4.68	4.70
140	4.49	4.45	4.47	4.46	4.47	4.45	4.47	4.46	4.45	4.46	4.47	4.47	4.78	4.77	4.80	4.78	4.76	4.77	4.78
145	4.62	4.62	4.62	4.60	4.62	4.60	4.61	4.62	4.61	4.62	4.63	4.59	4.90	4.87	4.86	4.85	4.85	4.83	4.86
150	4.77	4.74	4.76	4.75	4.77	4.76	4.77	4.76	4.78	4.76	4.75	4.76	4.93	4.96	4.96	4.93	4.93	4.94	4.94
155	4.90	4.88	4.91	4.91	4.90	4.90	4.93	4.88	4.91	4.92	4.91	4.91	5.04	5.03	5.03	5.03	5.03	5.02	5.04
160	5.04	5.02	5.03	5.02	5.05	5.05	5.07	5.04	5.05	5.05	5.06	5.03	5.11	5.13	5.12	5.10	5.12	5.12	5.11
165	5.17	5.18	5.17	5.18	5.17	5.17	5.19	5.18	5.17	5.16	5.18	5.17	5.21	5.21	5.21	5.18	5.20	5.21	5.22
170	5.28	5.28	5.23	5.26	5.26	5.29	5.26	5.26	5.28	5.27	5.28	5.28	5.28	5.32	5.28	5.28	5.25	5.28	5.29
175	5.33	5.33	5.33	5.34	5.33	5.35	5.35	5.36	5.35	5.36	5.36	5.37	5.35	5.35	5.35	5.35	5.35	5.35	5.34
180	5.39	5.37	5.40	5.37	5.38	5.38	5.38	5.37	5.40	5.41	5.41	5.39	5.36	5.40	5.38	5.37	5.40	5.37	5.36

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:wxh
Test Date:2019-05-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1203A P:14.24W PF:0.9864 Lamp Flux:1320.94x1 lm		
NAME: ASD-LMPJBR-6D15CC-BZ	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	436	436	436	436	437													
5	435	436	433	435	436													
10	431	427	430	430	431													
15	421	422	422	423	422													
20	411	412	411	410	408													
25	396	397	395	396	396													
30	377	378	378	379	375													
35	354	357	354	357	354													
40	331	332	329	330	329													
45	302	303	303	301	300													
50	271	273	271	272	270													
55	240	238	238	238	237													
60	204	204	203	202	202													
65	169	168	167	166	166													
70	130	131	130	130	130													
75	92.0	93.5	93.0	94.8	93.7													
80	55.3	57.2	57.2	59.0	59.0													
85	19.9	22.2	23.3	24.5	26.2													
90	4.92	4.86	4.27	4.15	4.21													
95	4.10	4.09	4.06	4.02	4.03													
100	4.06	4.10	4.11	4.11	4.13													
105	4.20	4.18	4.21	4.21	4.20													
110	4.29	4.30	4.30	4.32	4.31													
115	4.37	4.37	4.39	4.39	4.39													
120	4.46	4.45	4.49	4.46	4.48													
125	4.55	4.54	4.55	4.56	4.56													
130	4.62	4.63	4.63	4.64	4.64													
135	4.69	4.70	4.70	4.72	4.72													
140	4.78	4.78	4.79	4.79	4.79													
145	4.87	4.88	4.88	4.87	4.91													
150	4.96	4.92	4.98	4.96	4.97													
155	5.04	5.05	5.06	5.05	5.04													
160	5.13	5.13	5.13	5.14	5.15													
165	5.20	5.22	5.21	5.21	5.23													
170	5.29	5.31	5.31	5.31	5.30													
175	5.34	5.37	5.37	5.37	5.38													
180	5.40	5.37	5.39	5.40	5.41													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks: