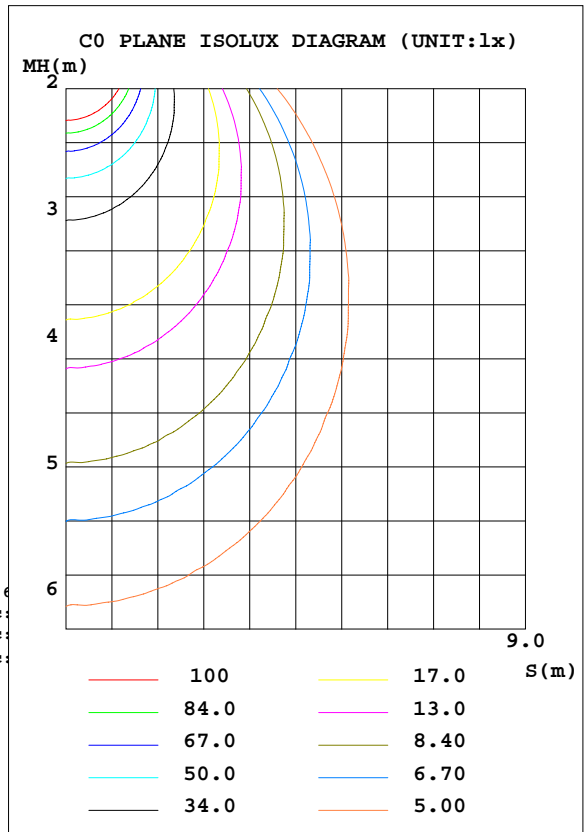
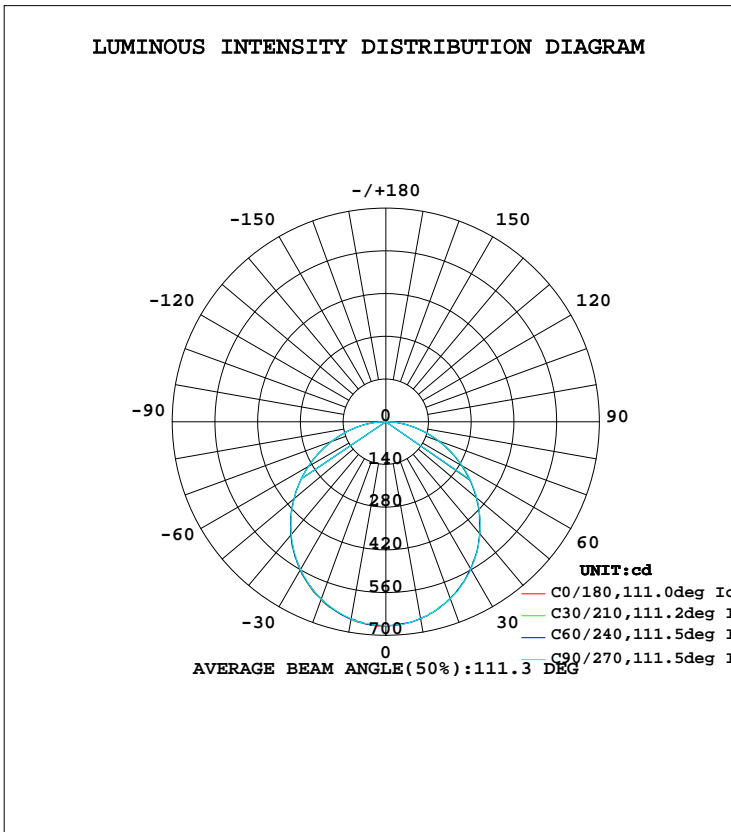


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.60 lm/W			
MODEL	ASD-LMPJBR-12D24CC-XX	5000K(cd)	670.6	S/MH(C0/180)	1.25
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1949.6	η UP, DN(C0-180)	1.0,48.8
NOMINAL FLUX(lm)	1949.55	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.1,49.2
LAMPS INSIDE	1	η up(%)	2.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	98.0	CIBSE SHR MAX	1.35



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 GO-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	Φ lum, lamp
10	656.4	655.9	654.4	655.8	658.0	656.7	655.7	655.3	0- 10	63.18	63.18	3.24,3.24
20	616.6	618.4	617.3	617.5	620.7	618.4	618.3	615.9	10- 20	180.4	243.6	12.5,12.5
30	555.1	558.4	557.5	558.3	561.1	559.9	559.5	555.6	20- 30	272.0	515.5	26.4,26.4
40	479.1	479.9	479.3	480.5	484.6	482.6	481.1	479.5	30- 40	326.1	841.6	43.2,43.2
50	386.8	389.4	389.4	389.9	394.2	391.8	392.4	389.2	40- 50	336.9	1179	60.5,60.5
60	286.3	289.8	289.7	290.1	293.2	292.8	292.4	289.9	50- 60	304.9	1483	76.1,76.1
70	181.8	185.8	186.5	185.6	188.2	189.1	190.0	187.3	60- 70	236.3	1720	88.2,88.2
80	84.28	86.23	85.24	86.05	89.20	88.83	89.33	88.11	70- 80	143.7	1863	95.6,95.6
90	5.838	5.209	5.083	5.396	9.490	6.643	5.761	6.310	80- 90	46.78	1910	98,98
100	5.195	5.169	5.164	5.169	5.947	5.938	5.924	5.950	90-100	5.979	1916	98.3,98.3
110	5.507	5.488	5.480	5.477	6.205	6.204	6.205	6.204	100-110	6.025	1922	98.6,98.6
120	5.819	5.785	5.780	5.777	6.474	6.462	6.482	6.466	110-120	5.937	1928	98.9,98.9
130	6.154	6.135	6.142	6.112	6.736	6.720	6.728	6.709	120-130	5.623	1934	99.2,99.2
140	6.585	6.551	6.547	6.524	7.017	7.005	7.021	6.986	130-140	5.105	1939	99.5,99.5
150	7.024	6.979	7.001	6.960	7.287	7.267	7.295	7.275	140-150	4.361	1943	99.7,99.7
160	7.463	7.410	7.421	7.395	7.579	7.556	7.564	7.541	150-160	3.377	1947	99.9,99.9
170	7.787	7.764	7.760	7.749	7.845	7.814	7.811	7.799	160-170	2.163	1949	100,100
180	7.972	7.957	7.930	7.949	7.972	7.980	7.934	7.953	170-180	0.7503	1950	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

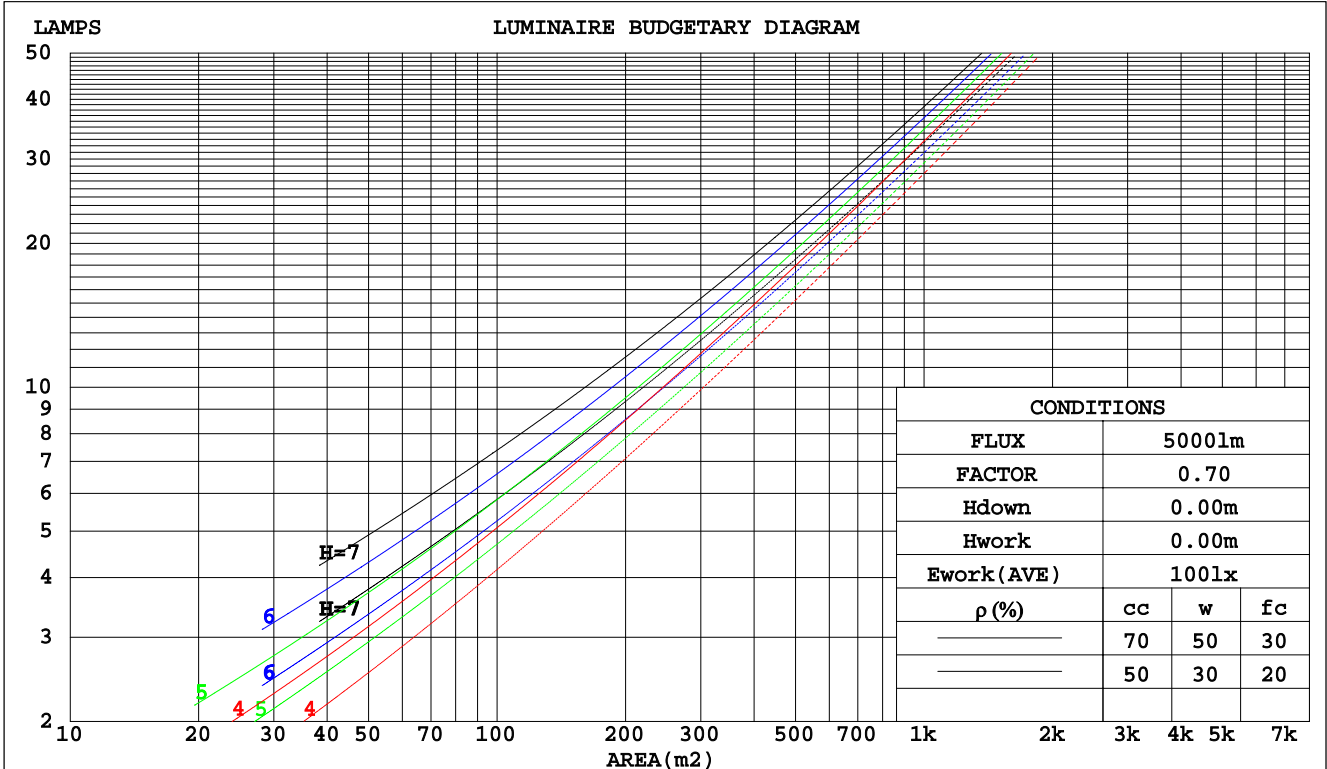
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:wxh
Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-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:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

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						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	.86	.88	.86	.84	.81
2.0	.90	.83	.77	.87	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.68	.63	.59	.57
4.0	.69	.61	.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	.50	.45	.54	.48	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.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 GO-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:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	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 Coefficients(WEC)									
0.0																
1.0	.317	.180	.057	.309	.176	.056	.295	.169	.054	.281	.162	.052	.269	.156	.050	
2.0	.295	.162	.050	.289	.159	.049	.276	.153	.048	.264	.148	.046	.253	.143	.045	
3.0	.272	.145	.043	.266	.143	.043	.255	.138	.042	.244	.134	.041	.235	.130	.040	
4.0	.251	.130	.038	.245	.128	.038	.235	.125	.037	.226	.121	.037	.217	.118	.036	
5.0	.231	.118	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.201	.107	.032	
6.0	.214	.107	.031	.210	.106	.031	.202	.103	.030	.194	.101	.030	.187	.099	.029	
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.186	.091	.026	.182	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025	
9.0	.174	.084	.024	.171	.083	.023	.165	.082	.023	.160	.080	.023	.154	.078	.023	
10.0	.164	.078	.022	.161	.078	.022	.155	.076	.021	.150	.075	.021	.146	.073	.021	

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	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.196	.172	.149	.168	.147	.128	.115	.101	.089	.066	.059	.052	.021	.019	.017	
2.0	.188	.147	.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	.045	.032	.020	.015	.011	
4.0	.173	.117	.074	.148	.101	.064	.102	.070	.045	.059	.041	.027	.019	.013	.009	
5.0	.165	.106	.063	.142	.092	.055	.098	.064	.039	.057	.038	.023	.018	.012	.008	
6.0	.158	.098	.055	.136	.085	.048	.094	.059	.034	.054	.035	.020	.018	.011	.007	
7.0	.151	.091	.049	.130	.079	.043	.090	.055	.030	.052	.033	.018	.017	.011	.006	
8.0	.145	.085	.045	.125	.074	.039	.086	.052	.028	.050	.031	.016	.016	.010	.005	
9.0	.139	.081	.041	.120	.070	.036	.083	.049	.025	.048	.029	.015	.016	.010	.005	
10.0	.133	.076	.038	.115	.066	.034	.080	.047	.024	.046	.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 GO-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:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm										
NAME:ASD-LMPJBR-12D24CC-XX 5000K					TYPE:			WEIGHT:		
SPEC.: 5000K					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	18.9	20.4	19.2	20.6	20.9	18.9	20.4	19.2	20.7	20.9
3H	20.4	21.8	20.8	22.1	22.4	20.5	21.9	20.8	22.2	22.4
4H	21.1	22.4	21.4	22.7	23.0	21.2	22.5	21.5	22.8	23.1
6H	21.6	22.8	21.9	23.1	23.5	21.7	22.9	22.1	23.2	23.6
8H	21.8	23.0	22.1	23.3	23.6	21.9	23.1	22.2	23.4	23.7
12H	21.9	23.1	22.3	23.4	23.7	22.0	23.1	22.4	23.5	23.8
4H 2H	19.5	20.8	19.8	21.1	21.4	19.5	20.9	19.9	21.1	21.4
3H	21.2	22.4	21.6	22.7	23.1	21.3	22.5	21.7	22.8	23.1
4H	22.0	23.1	22.4	23.4	23.8	22.1	23.2	22.5	23.5	23.9
6H	22.7	23.6	23.1	24.0	24.4	22.8	23.7	23.2	24.1	24.5
8H	22.9	23.8	23.4	24.2	24.6	23.0	23.9	23.4	24.3	24.7
12H	23.1	23.9	23.6	24.3	24.8	23.2	24.0	23.6	24.4	24.8
8H 4H	22.3	23.2	22.8	23.6	24.0	22.4	23.3	22.8	23.7	24.1
6H	23.1	23.9	23.6	24.3	24.8	23.2	23.9	23.7	24.4	24.9
8H	23.5	24.1	24.0	24.6	25.1	23.6	24.2	24.0	24.7	25.2
12H	23.8	24.3	24.3	24.8	25.3	23.8	24.4	24.3	24.9	25.4
12H 4H	22.3	23.2	22.8	23.6	24.0	22.4	23.2	22.9	23.7	24.1
6H	23.2	23.9	23.7	24.3	24.8	23.3	23.9	23.8	24.4	24.9
8H	23.6	24.2	24.1	24.6	25.2	23.7	24.2	24.2	24.7	25.2
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 1950 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

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 GO-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:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

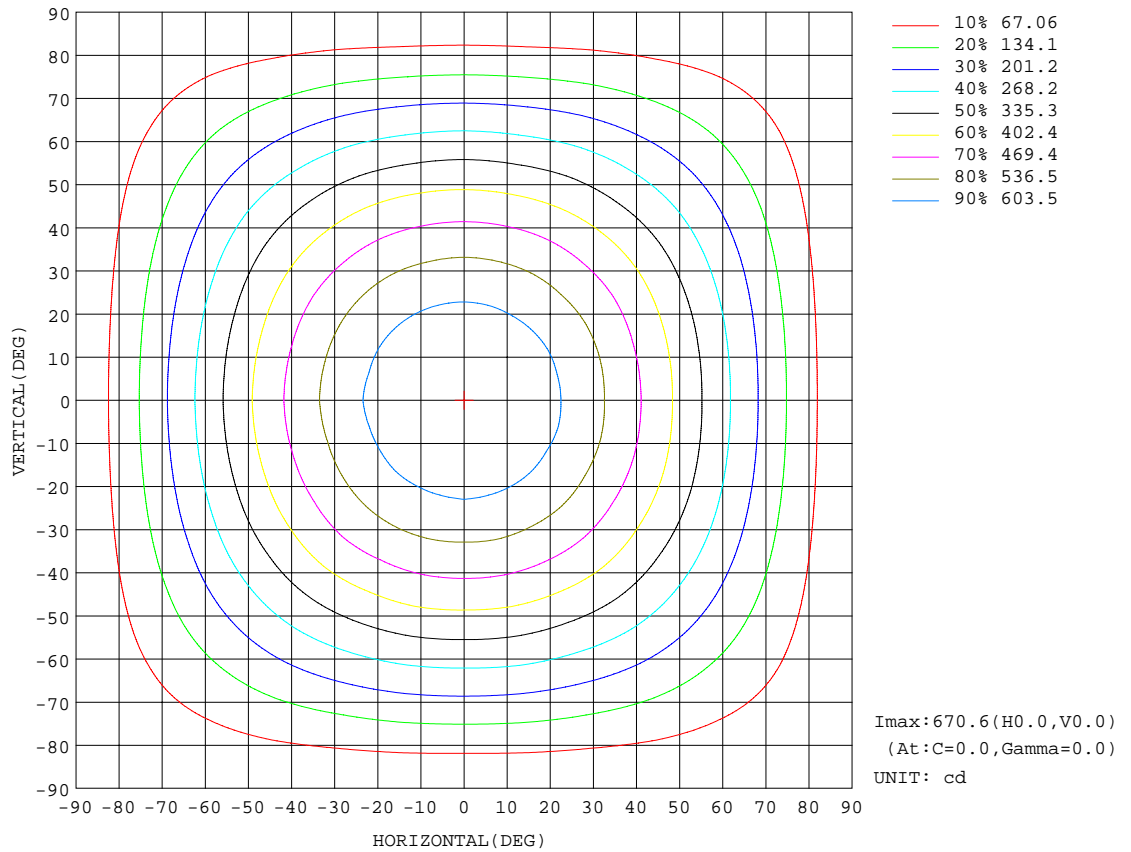
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	47	65	54	47	64	54	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	78	69	63	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	88	99	92	87	95	89	85	76
4.00	105	99	95	103	97	93	98	94	90	81
5.00	108	103	99	105	101	97	100	97	93	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 GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

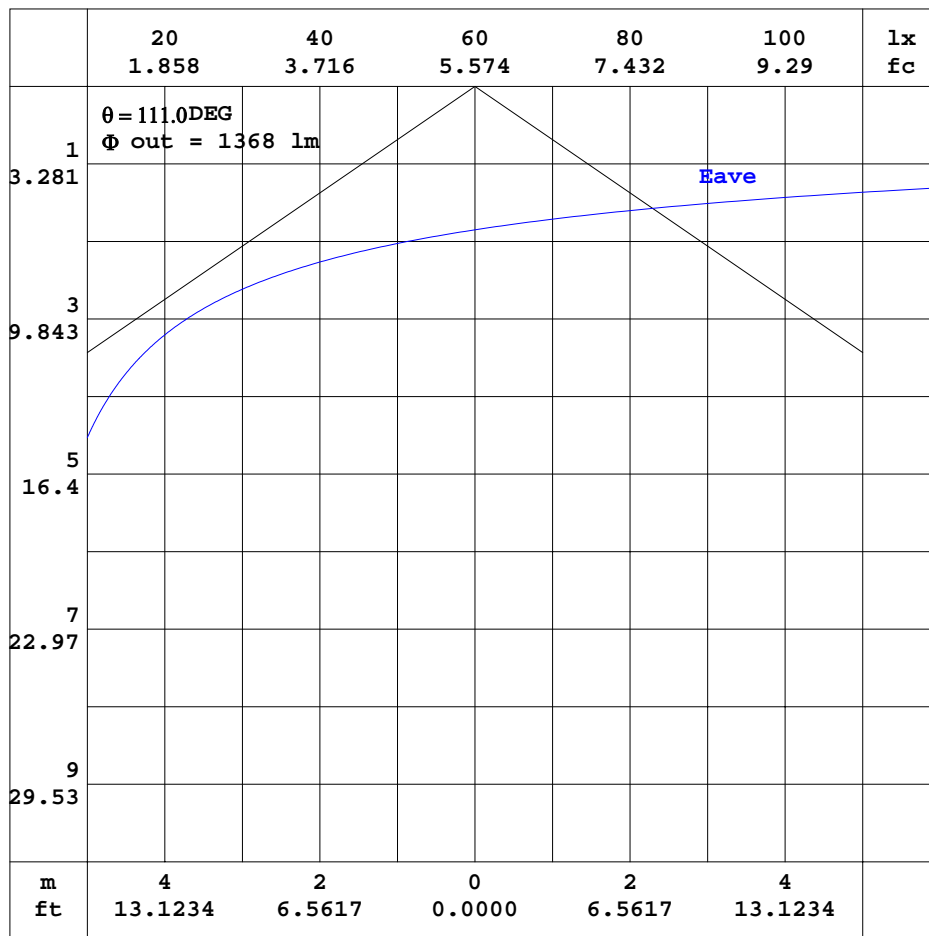


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

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

AAI CURVES

Test:U:120.0V I:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:



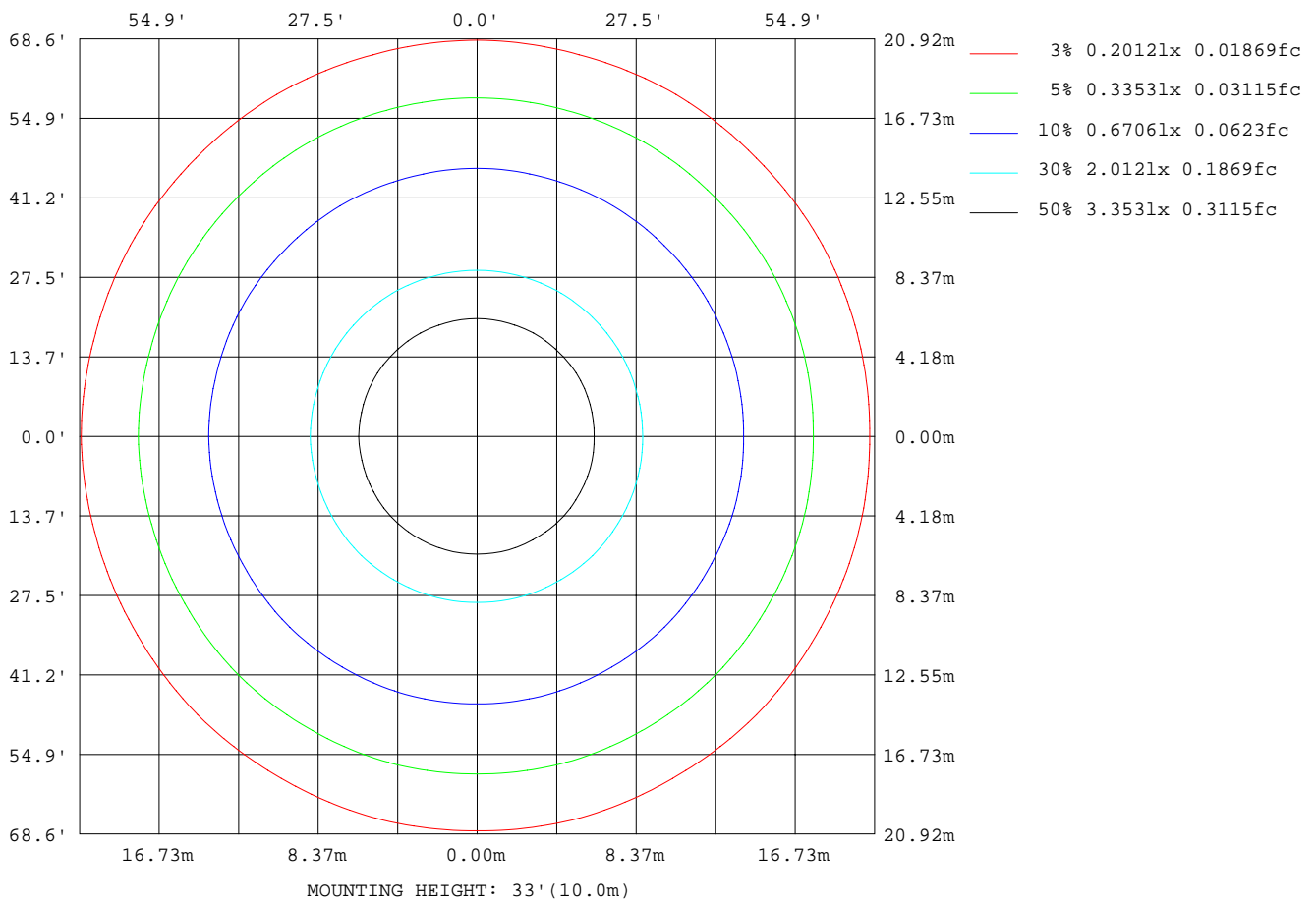
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	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 GO-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:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

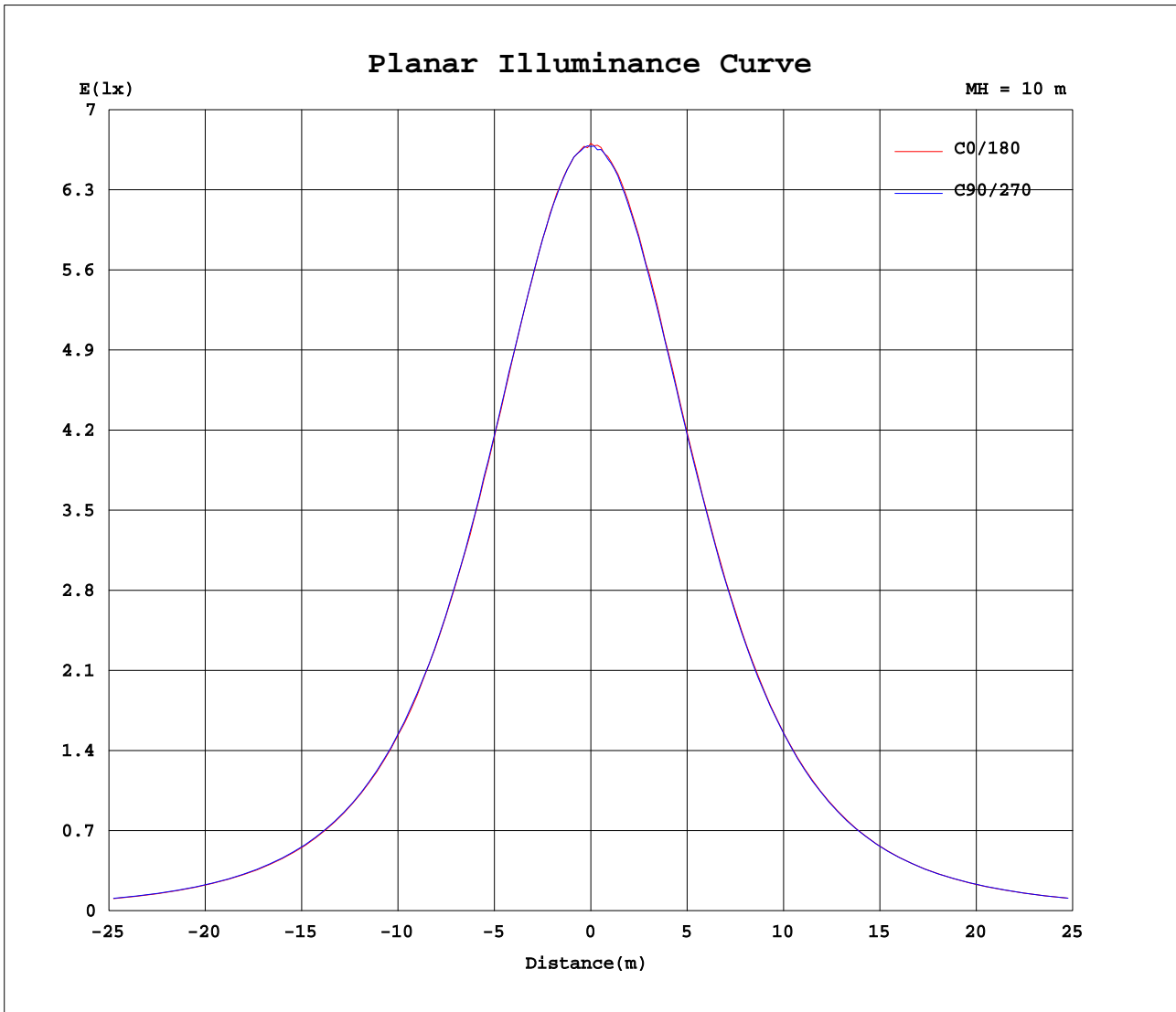
AvgL	cd/m2
L_0~180(65)av	5633
L_0~180(75)av	5204
L_0~180(85)av	5005
L_90~270(65)av	5688
L_90~270(75)av	5297
L_90~270(85)av	4649
L_45(65)av	5652
L_45(75)av	5263
L_45(85)av	4777

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 GO-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 GO-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:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	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	671	669	670	669	669	668	668	667	667	668	667	667	671	669	670	669	669	668	668
5	666	664	665	666	664	665	666	665	665	665	664	664	667	666	666	665	667	665	665
10	656	655	654	656	655	656	654	654	654	656	655	655	658	657	656	657	656	655	656
15	639	639	638	637	639	639	639	640	639	640	639	640	642	640	641	638	640	638	639
20	617	617	616	618	617	619	617	618	617	617	617	618	621	620	620	618	617	618	618
25	587	588	590	590	589	589	591	591	590	589	589	590	593	592	593	591	591	590	590
30	555	556	557	558	557	557	557	559	558	558	556	558	561	558	562	560	560	559	560
35	519	519	521	522	521	522	521	521	521	521	520	522	524	525	524	523	524	522	522
40	479	480	479	480	479	481	479	481	480	481	480	481	485	483	484	483	483	482	481
45	434	435	434	436	435	437	437	438	437	438	436	437	440	439	439	437	440	437	439
50	387	388	387	389	388	392	389	391	389	390	388	390	394	392	393	392	392	390	392
55	337	340	338	340	339	341	341	342	340	341	338	341	344	343	344	343	344	342	343
60	286	288	287	290	289	291	290	291	288	290	288	289	293	291	294	293	293	293	292
65	235	236	236	238	237	240	239	240	238	238	236	238	242	240	242	241	242	241	242
70	182	184	183	186	186	187	186	187	185	186	184	184	188	188	189	189	190	189	190
75	132	133	133	135	135	136	135	136	134	135	133	134	138	137	139	138	139	138	139
80	84.3	85.5	85.1	86.2	85.4	86.4	85.2	86.3	85.3	86.0	84.9	85.7	89.2	88.2	89.9	88.8	90.3	88.1	89.3
85	41.6	41.6	39.8	40.0	38.3	39.8	38.5	39.8	39.2	41.1	40.7	42.4	45.7	44.6	45.0	43.5	43.7	42.0	42.5
90	5.84	6.34	5.42	5.21	5.09	5.04	5.08	5.02	5.10	5.40	5.47	6.66	9.49	8.41	8.15	6.64	6.03	5.81	5.76
95	5.06	5.05	5.04	5.05	5.03	5.03	5.03	5.02	5.03	5.03	5.03	5.03	5.82	5.83	5.82	5.82	5.81	5.81	5.81
100	5.20	5.20	5.19	5.17	5.18	5.17	5.16	5.16	5.16	5.17	5.18	5.18	5.95	5.95	5.94	5.94	5.93	5.93	5.92
105	5.35	5.35	5.34	5.34	5.33	5.32	5.32	5.31	5.31	5.32	5.32	5.32	6.07	6.07	6.06	6.07	6.07	6.07	6.06
110	5.51	5.50	5.49	5.49	5.48	5.47	5.48	5.46	5.47	5.48	5.47	5.46	6.20	6.20	6.21	6.20	6.22	6.20	6.20
115	5.65	5.65	5.64	5.64	5.64	5.63	5.63	5.63	5.63	5.62	5.63	5.63	6.35	6.34	6.33	6.33	6.32	6.34	6.33
120	5.82	5.81	5.81	5.78	5.79	5.79	5.78	5.77	5.77	5.78	5.77	5.76	6.47	6.46	6.45	6.46	6.45	6.47	6.48
125	5.97	5.97	5.96	5.95	5.95	5.95	5.95	5.93	5.94	5.94	5.94	5.93	6.59	6.59	6.58	6.59	6.59	6.60	6.59
130	6.15	6.13	6.14	6.14	6.13	6.11	6.14	6.12	6.12	6.11	6.12	6.11	6.74	6.74	6.72	6.72	6.72	6.72	6.73
135	6.37	6.32	6.34	6.34	6.33	6.33	6.35	6.31	6.33	6.31	6.31	6.31	6.87	6.86	6.84	6.86	6.86	6.87	6.87
140	6.58	6.56	6.56	6.55	6.57	6.53	6.55	6.53	6.54	6.52	6.52	6.52	7.02	7.02	6.99	7.01	6.99	7.02	7.02
145	6.80	6.78	6.77	6.76	6.76	6.76	6.78	6.74	6.75	6.75	6.75	6.74	7.17	7.16	7.14	7.13	7.13	7.15	7.16
150	7.02	6.99	7.00	6.98	6.99	6.98	7.00	6.97	6.97	6.96	6.96	6.95	7.29	7.27	7.28	7.27	7.27	7.26	7.29
155	7.24	7.22	7.22	7.20	7.21	7.20	7.21	7.18	7.19	7.17	7.19	7.19	7.43	7.42	7.41	7.41	7.42	7.41	7.43
160	7.46	7.44	7.43	7.41	7.43	7.42	7.42	7.39	7.40	7.39	7.39	7.39	7.58	7.57	7.56	7.56	7.55	7.55	7.56
165	7.65	7.63	7.61	7.60	7.62	7.60	7.62	7.58	7.60	7.57	7.59	7.60	7.70	7.71	7.70	7.69	7.67	7.70	7.71
170	7.79	7.78	7.76	7.76	7.76	7.76	7.76	7.74	7.75	7.75	7.76	7.75	7.85	7.84	7.82	7.81	7.80	7.82	7.81
175	7.90	7.88	7.89	7.89	7.90	7.88	7.88	7.89	7.89	7.88	7.87	7.86	7.92	7.92	7.91	7.94	7.91	7.90	7.91
180	7.97	7.96	7.96	7.96	7.95	7.94	7.93	7.95	7.94	7.95	7.94	7.92	7.97	7.95	7.96	7.98	7.95	7.95	7.93

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 GO-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:0.2056A P:24.49W PF:0.9929 Lamp Flux:1949.55x1 lm		
NAME: ASD-LMPJBR-12D24CC-XX 5000K	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	667	667	668	667	667														
5	664	666	663	664	665														
10	656	655	655	654	654														
15	638	640	638	638	637														
20	617	618	616	617	616														
25	590	590	589	590	589														
30	556	559	556	558	555														
35	522	521	520	521	519														
40	480	481	480	479	479														
45	436	438	435	437	436														
50	389	390	389	389	387														
55	341	342	340	341	339														
60	291	291	290	290	289														
65	240	241	238	240	237														
70	189	189	187	187	185														
75	138	139	137	137	135														
80	87.7	89.4	88.1	89.2	87.1														
85	41.7	42.5	41.9	43.6	43.3														
90	5.81	5.81	6.31	7.65	7.83														
95	5.83	5.80	5.82	5.82	5.81														
100	5.92	5.93	5.95	5.92	5.94														
105	6.07	6.06	6.07	6.06	6.05														
110	6.20	6.20	6.20	6.19	6.20														
115	6.34	6.32	6.33	6.31	6.34														
120	6.47	6.45	6.47	6.44	6.46														
125	6.60	6.57	6.59	6.57	6.59														
130	6.73	6.72	6.71	6.71	6.72														
135	6.86	6.85	6.85	6.85	6.86														
140	7.01	6.99	6.99	6.98	6.99														
145	7.13	7.13	7.14	7.11	7.15														
150	7.29	7.26	7.27	7.27	7.27														
155	7.42	7.42	7.41	7.39	7.42														
160	7.56	7.55	7.54	7.54	7.55														
165	7.71	7.68	7.69	7.68	7.69														
170	7.83	7.82	7.80	7.80	7.82														
175	7.91	7.91	7.92	7.89	7.90														
180	7.95	7.95	7.95	7.94	7.94														

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 GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks: