

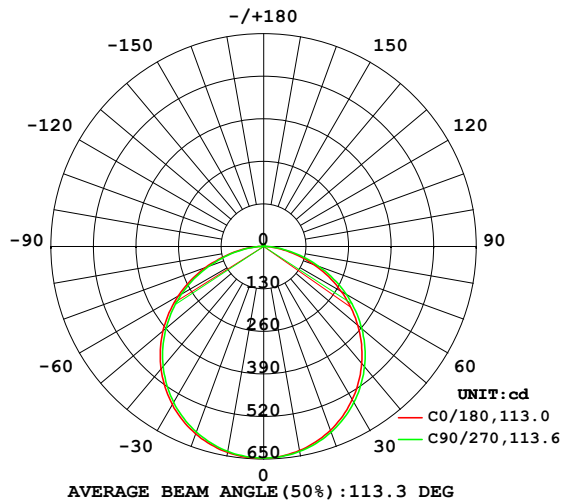
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

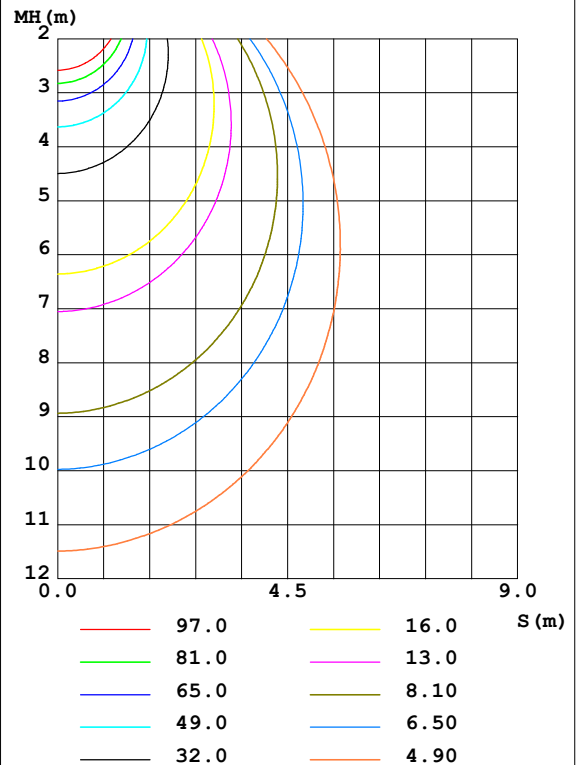
Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 86.71 lm/W
MODEL	ASD-JBR-12D24WH	I _{max} (cd)	647.3	S/MH (C0/180)	1.28	
NOMINAL POWER (W)	24	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1898.8	η UP, DN (C0-180)	0.9, 49.0	
NOMINAL FLUX (lm)	1898.85	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 49.3	
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120.0	η down (%)	98.3	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.074m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	633.1	633.8	635.9	639.0	639.0	638.0	635.7	632.8	0- 10	61.22	61.22	3.22,3.22
20	597.5	599.3	603.6	609.3	609.2	607.9	603.0	596.5	10- 20	175.6	236.8	12.5,12.5
30	541.2	544.3	551.1	559.3	558.5	556.1	550.3	540.6	20- 30	266.9	503.8	26.5,26.5
40	466.4	471.3	479.5	490.1	488.5	485.7	478.4	465.4	30- 40	323.0	826.7	43.5,43.5
50	375.9	381.7	391.8	404.1	402.0	398.5	390.2	374.9	40- 50	336.1	1163	61.2,61.2
60	273.1	279.9	291.0	304.9	300.7	298.2	289.1	272.4	50- 60	304.3	1467	77.3,77.3
70	164.3	170.2	180.3	196.0	190.3	189.1	180.8	163.8	60- 70	231.9	1699	89.5,89.5
80	62.30	66.84	73.53	85.93	81.08	81.81	74.38	61.80	70- 80	131.7	1831	96.4,96.4
90	4.146	4.042	4.060	9.556	6.734	5.470	2.702	2.793	80- 90	36.01	1867	98.3,98.3
100	4.455	4.428	4.444	4.377	3.058	3.080	3.203	3.203	90-100	3.937	1871	98.5,98.5
110	4.923	4.885	4.926	4.839	3.768	3.786	3.948	3.927	100-110	4.309	1875	98.7,98.7
120	5.324	5.289	5.373	5.260	4.492	4.504	4.714	4.637	110-120	4.628	1879	99,99
130	5.700	5.670	5.810	5.630	5.190	5.190	5.446	5.335	120-130	4.682	1884	99.2,99.2
140	6.174	6.200	6.385	6.093	5.906	5.992	6.156	6.093	130-140	4.491	1889	99.5,99.5
150	6.724	6.763	6.923	6.646	6.654	6.631	6.842	6.769	140-150	4.033	1893	99.7,99.7
160	7.296	7.319	7.378	7.224	7.382	7.265	7.387	7.353	150-160	3.251	1896	99.8,99.8
170	7.796	7.859	7.893	7.849	7.956	7.758	7.871	7.810	160-170	2.145	1898	100,100
180	8.135	8.088	8.160	8.093	8.138	8.086	8.152	8.088	170-180	0.7598	1899	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

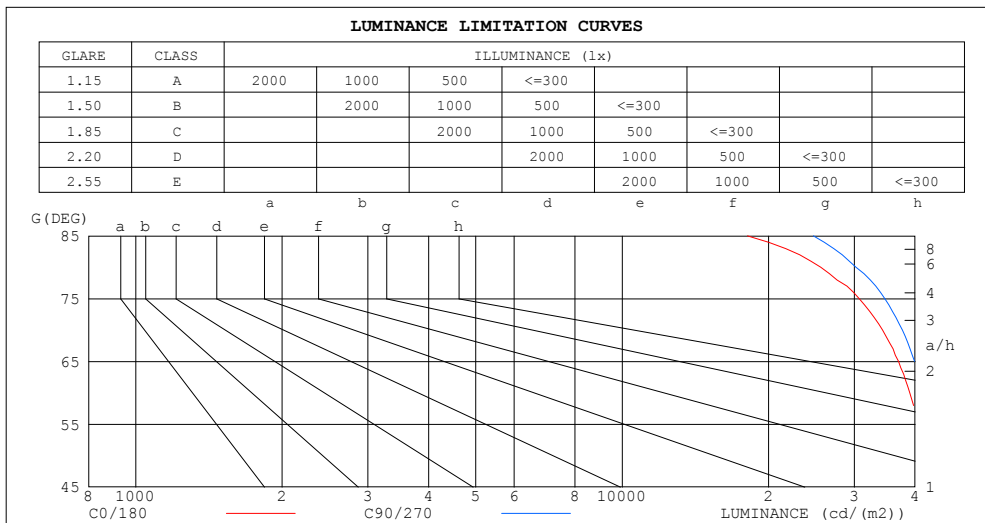
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-04-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	18107	24720
80	25616	30250
75	30695	34648
70	34310	37656
65	37021	39906
60	39004	41579
55	40505	42684
50	41756	43543
45	42715	44218

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-04-08

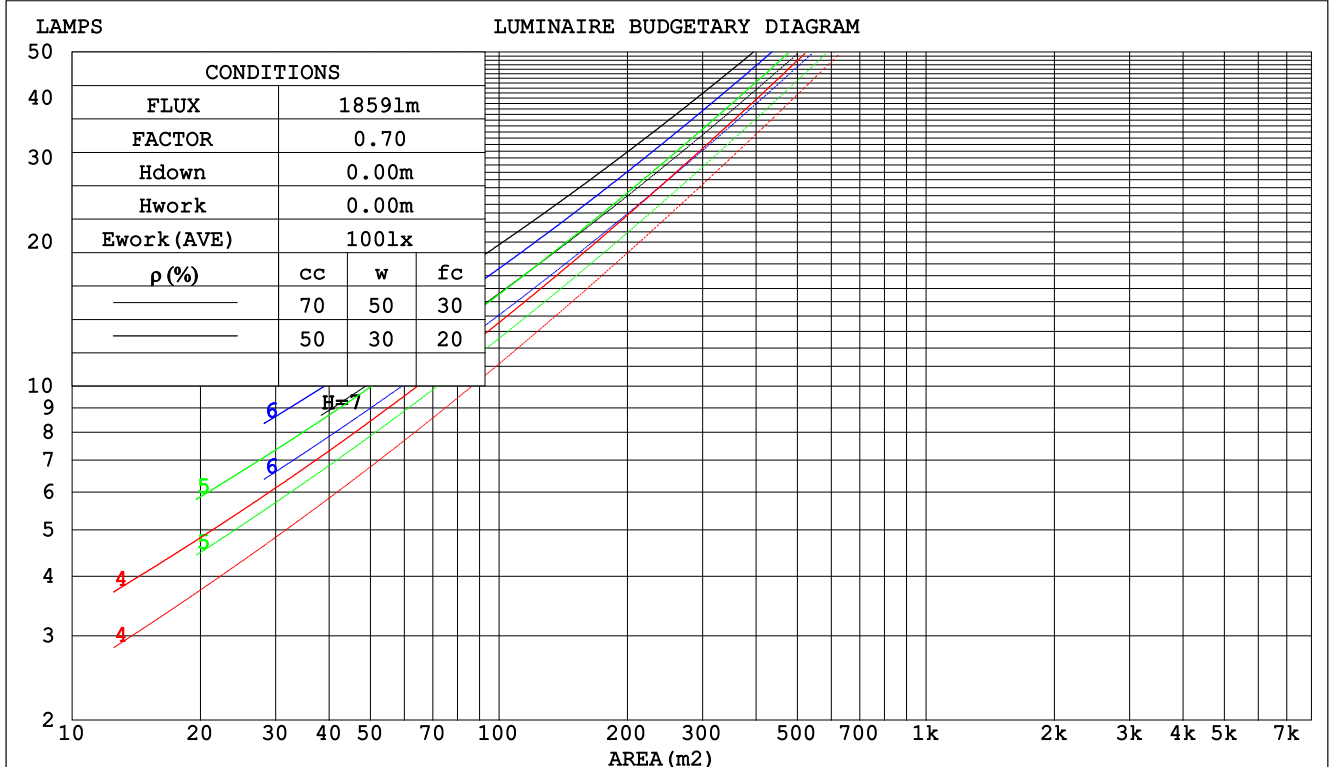
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding 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	.94	.96	.93	.90	.92	.90	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.64	.77	.70	.63	.74	.67	.62	.71	.65	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.44	.39	.49	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.36	.30	.25	.35	.30	.25	.24



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-04-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm					
NAME: ASD-JBR-12D24WH			TYPE:		WEIGHT:
SPEC.:5000K			DIM.:		SERIAL No.:
MFR.: ASD Lighting Corp			SUR.:0.135		Shielding 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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.310	.176	.056	.303	.173	.055	.288	.165	.053	.275	.159	.051	.263	.153	.049		
2.0	.292	.160	.049	.285	.157	.048	.272	.151	.047	.261	.146	.046	.250	.141	.045		
3.0	.270	.144	.043	.264	.141	.043	.253	.137	.042	.242	.133	.041	.233	.129	.040		
4.0	.249	.129	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.216	.117	.036		
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.208	.110	.033	.201	.107	.032		
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.194	.101	.030	.187	.098	.029		
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.186	.091	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025		
9.0	.174	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.078	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.146	.073	.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	.203	.203	.203	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.193	.169	.147	.165	.145	.127	.113	.100	.088	.065	.058	.051	.021	.019	.016	
2.0	.185	.145	.111	.159	.125	.096	.109	.086	.067	.063	.050	.039	.020	.016	.013	
3.0	.178	.127	.088	.152	.110	.076	.105	.076	.053	.060	.045	.031	.019	.014	.010	
4.0	.170	.114	.072	.146	.099	.062	.100	.069	.044	.058	.040	.026	.019	.013	.009	
5.0	.163	.104	.060	.140	.090	.053	.096	.063	.037	.056	.037	.022	.018	.012	.007	
6.0	.156	.096	.052	.134	.083	.046	.092	.058	.032	.054	.034	.019	.017	.011	.006	
7.0	.149	.089	.047	.128	.077	.041	.088	.054	.029	.051	.032	.017	.017	.010	.006	
8.0	.142	.083	.042	.123	.072	.037	.085	.050	.026	.049	.030	.016	.016	.010	.005	
9.0	.136	.078	.039	.117	.068	.034	.081	.048	.024	.047	.028	.014	.015	.009	.005	
10.0	.131	.074	.036	.113	.064	.031	.078	.045	.022	.046	.027	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-04-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm											
NAME: ASD-JBR-12D24WH					TYPE:			WEIGHT:			
SPEC.:5000K					DIM.:			SERIAL No.:			
MFR.: ASD Lighting Corp					SUR.:0.135			Shielding 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	23.3	24.8	23.6	25.1	25.3	23.5	25.0	23.8	25.3	25.5	
	3H	24.7	26.1	25.1	26.4	26.7	25.1	26.4	25.4	26.7	27.0
	4H	25.3	26.6	25.6	26.9	27.2	25.6	27.0	26.0	27.2	27.5
	6H	25.6	26.9	26.0	27.2	27.5	26.1	27.3	26.4	27.6	27.9
	8H	25.7	26.9	26.1	27.2	27.5	26.2	27.4	26.5	27.7	28.0
	12H	25.7	26.9	26.1	27.2	27.5	26.2	27.4	26.6	27.7	28.1
4H	2H	23.9	25.3	24.3	25.5	25.8	24.1	25.4	24.5	25.7	26.0
	3H	25.5	26.7	25.9	27.0	27.4	25.8	26.9	26.2	27.3	27.6
	4H	26.2	27.2	26.6	27.6	28.0	26.5	27.6	26.9	27.9	28.3
	6H	26.6	27.6	27.1	27.9	28.3	27.0	28.0	27.5	28.3	28.7
	8H	26.8	27.6	27.2	28.0	28.4	27.2	28.1	27.6	28.5	28.9
	12H	26.8	27.6	27.3	28.0	28.5	27.3	28.1	27.8	28.5	29.0
8H	4H	26.4	27.3	26.9	27.7	28.1	26.7	27.6	27.2	28.0	28.4
	6H	27.0	27.7	27.5	28.2	28.6	27.4	28.1	27.8	28.5	29.0
	8H	27.2	27.8	27.7	28.3	28.8	27.6	28.3	28.1	28.7	29.2
	12H	27.3	27.9	27.8	28.4	28.9	27.8	28.3	28.3	28.8	29.3
12H	4H	26.4	27.2	26.9	27.6	28.1	26.7	27.5	27.2	27.9	28.4
	6H	27.1	27.7	27.5	28.2	28.6	27.4	28.0	27.9	28.5	29.0
	8H	27.3	27.8	27.8	28.3	28.8	27.7	28.2	28.2	28.7	29.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 1899 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)
Area: 0.014 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding 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	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	48
1.25	82	72	65	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	82	75	69	61
2.00	94	86	79	92	84	78	89	82	77	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	94	91	81
5.00	108	103	99	106	101	97	101	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

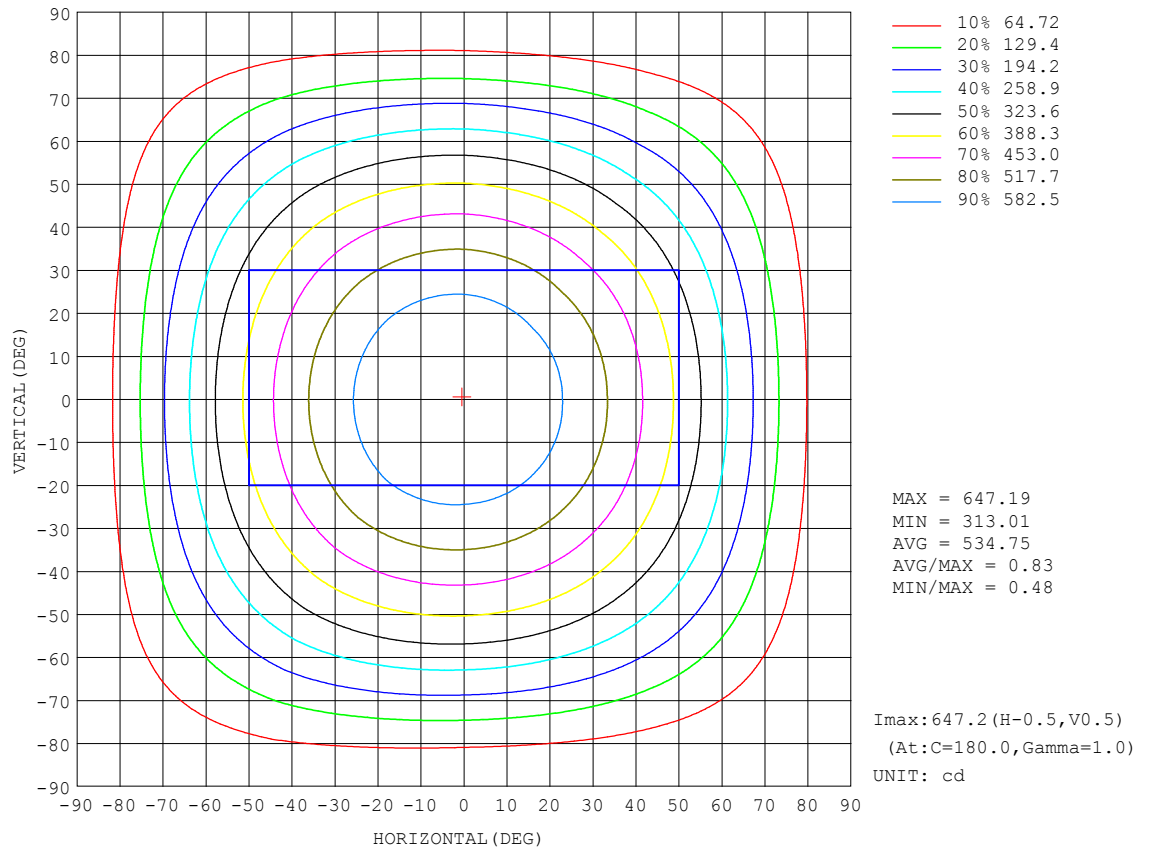
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding Angle:



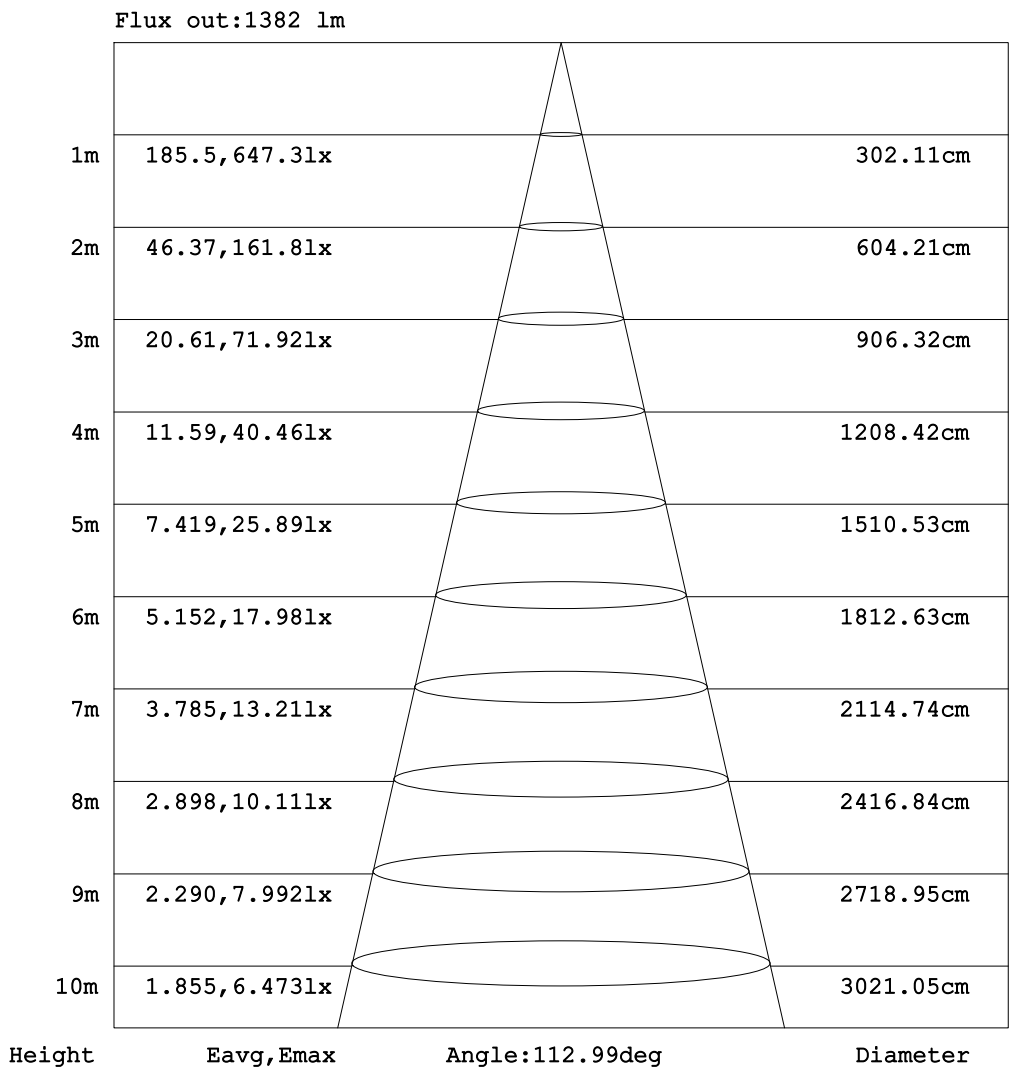
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding Angle:



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

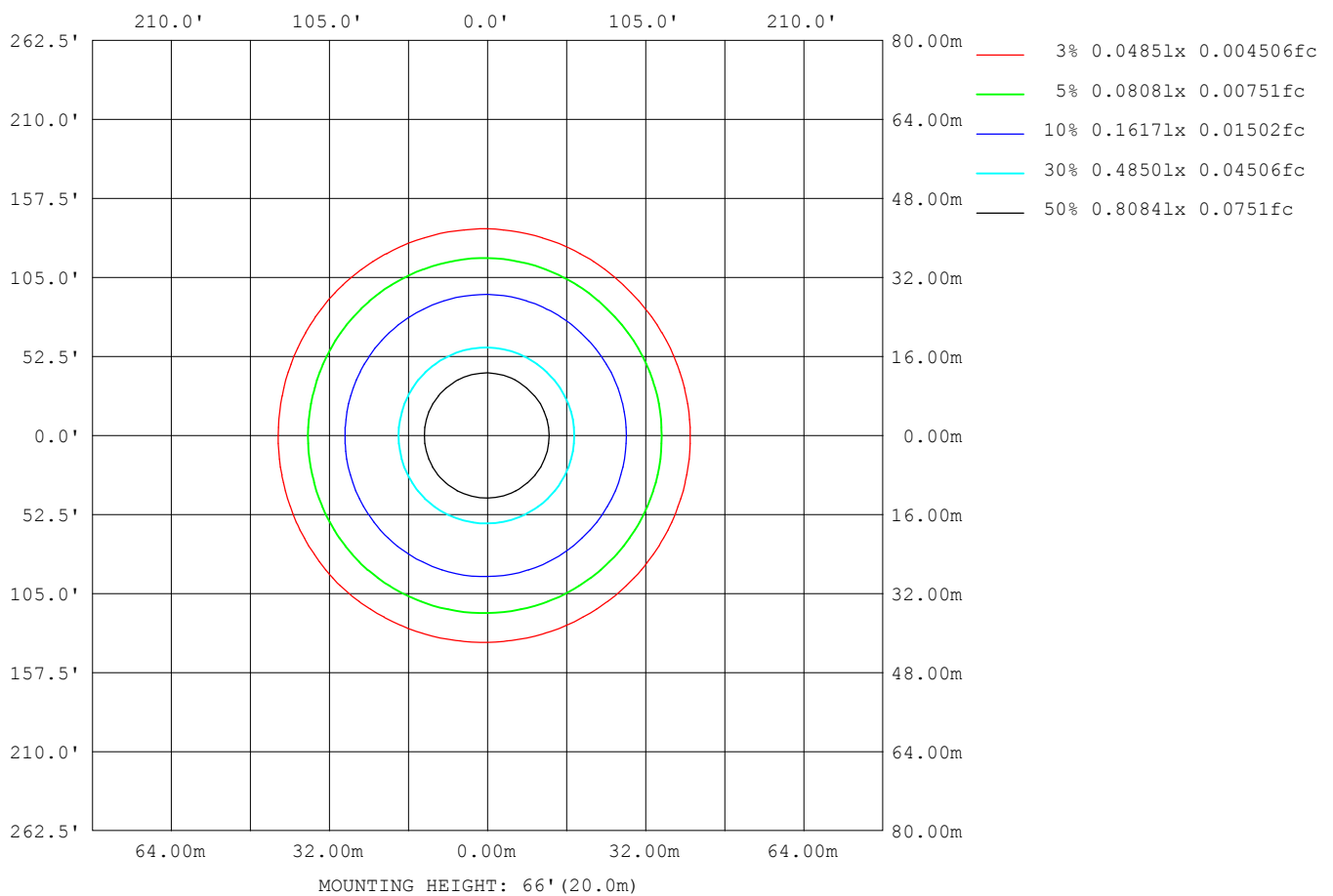
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Humidity:65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Avg.L Report

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding Angle:

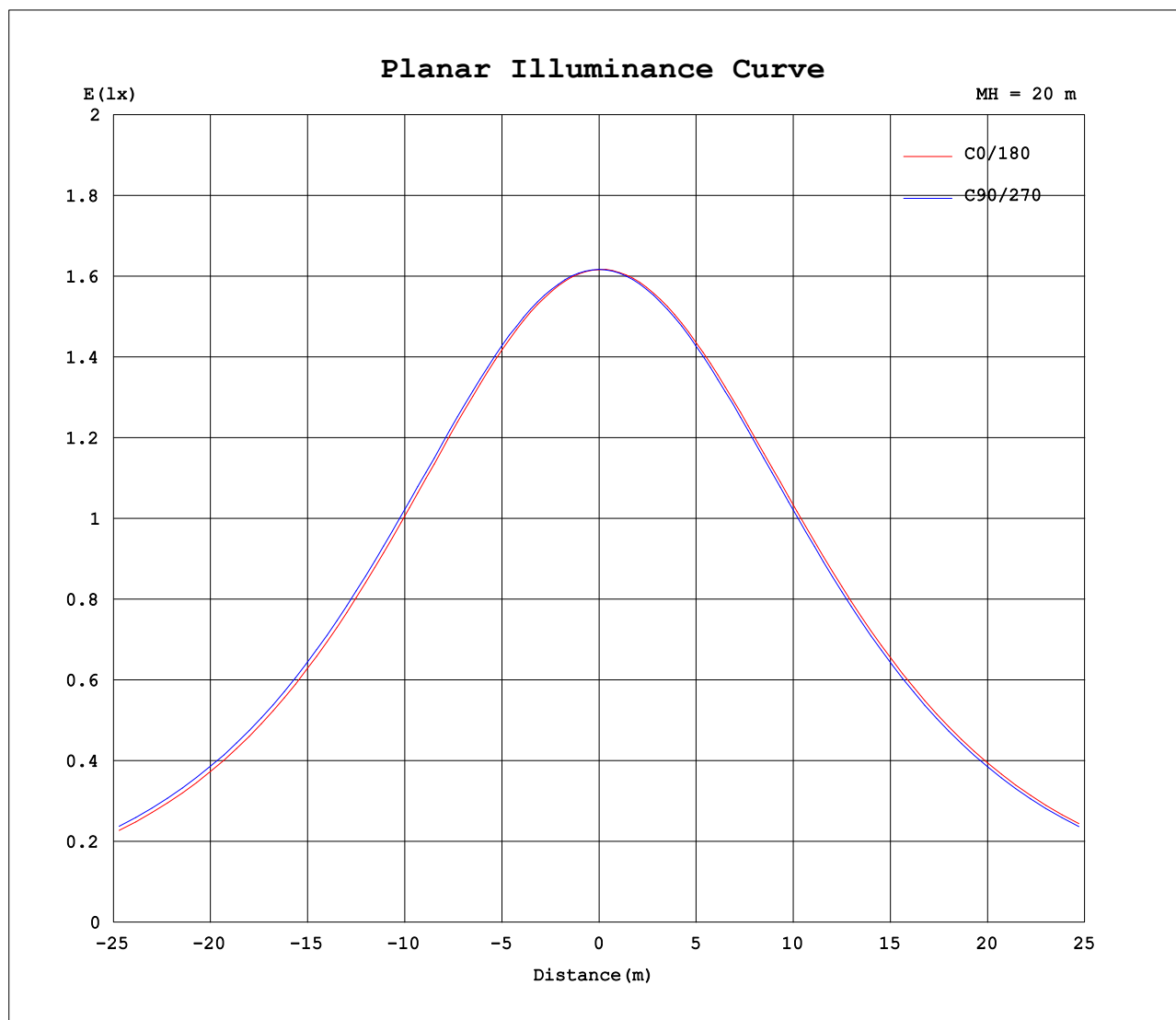
AvgL	cd/m2
L_0~180 (65) av	39325
L_0~180 (75) av	33655
L_0~180 (85) av	23837
L_90~270 (65) av	39825
L_90~270 (75) av	34485
L_90~270 (85) av	24872
L_45 (65) av	39706
L_45 (75) av	34448
L_45 (85) av	25127

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-04-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.074m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.1870A P:21.900W PF:0.9760 Freq:60.00Hz Lamp Flux:1898.85x1 lm		
NAME: ASD-JBR-12D24WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.135	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	647	647	647	647	647	647	647	647										
5	643	643	644	646	646	645	644	642										
10	633	634	636	639	639	638	636	633										
15	618	619	622	627	627	625	622	617										
20	598	599	604	609	609	608	603	596										
25	572	574	580	587	586	584	579	571										
30	541	544	551	559	558	556	550	541										
35	506	510	518	527	526	523	517	505										
40	466	471	479	490	489	486	478	465										
45	423	428	438	449	447	444	436	422										
50	376	382	392	404	402	399	390	375										
55	325	332	343	356	353	350	341	325										
60	273	280	291	305	301	298	289	272										
65	219	226	236	251	246	244	235	218										
70	164	170	180	196	190	189	181	164										
75	111	116	126	138	133	134	124	111										
80	62.3	66.8	73.5	85.9	81.1	81.8	74.4	61.8										
85	22.1	25.4	30.2	40.6	36.1	36.2	30.5	20.5										
90	4.15	4.04	4.06	9.56	6.73	5.47	2.70	2.79										
95	4.23	4.20	4.21	4.15	2.73	2.74	2.86	2.87										
100	4.45	4.43	4.44	4.38	3.06	3.08	3.20	3.20										
105	4.69	4.66	4.69	4.60	3.40	3.42	3.56	3.56										
110	4.92	4.89	4.93	4.84	3.77	3.79	3.95	3.93										
115	5.13	5.10	5.15	5.06	4.13	4.15	4.34	4.28										
120	5.32	5.29	5.37	5.26	4.49	4.50	4.71	4.64										
125	5.51	5.48	5.57	5.44	4.85	4.86	5.10	4.99										
130	5.70	5.67	5.81	5.63	5.19	5.19	5.45	5.34										
135	5.92	5.93	6.09	5.85	5.54	5.59	5.81	5.72										
140	6.17	6.20	6.38	6.09	5.91	5.99	6.16	6.09										
145	6.45	6.48	6.67	6.37	6.27	6.28	6.50	6.43										
150	6.72	6.76	6.92	6.65	6.65	6.63	6.84	6.77										
155	7.02	7.10	7.18	6.93	7.04	6.95	7.09	7.06										
160	7.30	7.32	7.38	7.22	7.38	7.26	7.39	7.35										
165	7.56	7.62	7.59	7.49	7.69	7.52	7.64	7.61										
170	7.80	7.86	7.89	7.85	7.96	7.76	7.87	7.81										
175	8.00	8.03	8.06	8.01	8.11	7.93	8.03	7.95										
180	8.14	8.09	8.16	8.09	8.14	8.09	8.15	8.09										

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