

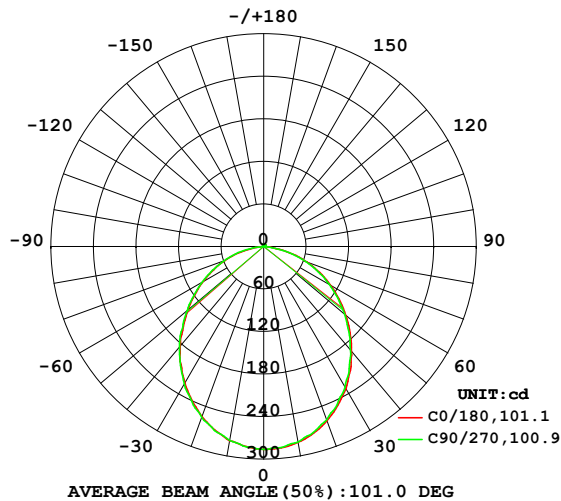
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

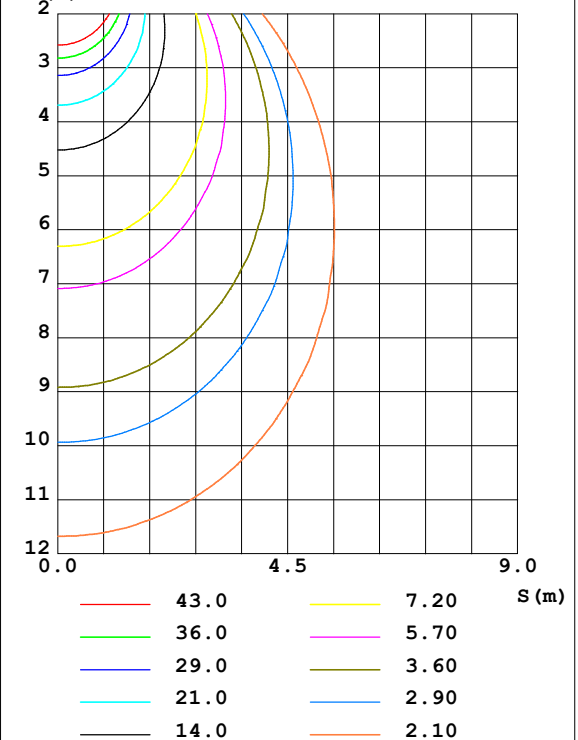
Test:U:120.10V I:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm		
NAME: ASD-JBR-GB-4D9BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.73 lm/W			
MODEL	ASD-JBR-GB-4D9BK	I _{max} (cd)	286.7	S/MH (C0/180)	1.16
NOMINAL POWER (W)	9	LOR (%)	100.0	S/MH (C90/270)	1.17
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	730.32	η UP, DN (C0-180)	0.9, 50.2
NOMINAL FLUX (lm)	730.321	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 48.1
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: 2024-08-03

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	280.5	281.5	280.0	277.8	278.1	278.1	277.8	279.0	0- 10	26.96	26.96	3.69,3.69
20	261.4	262.1	260.0	257.7	255.0	255.1	256.1	257.1	10- 20	76.09	103.0	14.1,14.1
30	232.0	232.3	229.2	226.4	222.3	222.6	223.9	225.7	20- 30	112.1	215.2	29.5,29.5
40	193.0	194.4	190.6	188.8	183.6	183.5	185.1	187.7	30- 40	130.2	345.3	47.3,47.3
50	151.1	150.4	149.0	144.9	139.7	141.7	141.1	146.0	40- 50	128.8	474.1	64.9,64.9
60	108.8	108.5	106.3	103.3	98.23	99.57	99.86	103.4	50- 60	111.3	585.3	80.1,80.1
70	65.42	67.21	64.26	62.79	58.47	58.13	59.81	61.79	60- 70	81.76	667.1	91.3,91.3
80	18.26	24.82	16.80	22.36	15.07	21.50	20.82	19.25	70- 80	43.71	710.8	97.3,97.3
90	1.528	1.507	1.548	1.553	0.9476	0.9855	1.026	0.8898	80- 90	7.017	717.8	98.3,98.3
100	1.662	1.689	1.655	1.674	1.169	1.150	1.151	1.119	90-100	1.421	719.2	98.5,98.5
110	1.850	1.920	1.842	1.859	1.500	1.481	1.473	1.438	100-110	1.624	720.9	98.7,98.7
120	2.012	2.167	2.021	2.052	1.831	1.805	1.809	1.806	110-120	1.788	722.7	99,99
130	2.180	2.209	2.189	2.226	2.156	2.136	2.131	2.125	120-130	1.840	724.5	99.2,99.2
140	2.377	2.409	2.385	2.406	2.464	2.429	2.436	2.400	130-140	1.773	726.3	99.4,99.4
150	2.612	2.642	2.621	2.647	2.764	2.721	2.716	2.697	140-150	1.598	727.9	99.7,99.7
160	2.870	2.887	2.864	2.877	3.005	2.952	2.971	2.938	150-160	1.294	729.2	99.8,99.8
170	3.097	3.095	3.080	3.101	3.187	3.126	3.153	3.121	160-170	0.8550	730.0	100,100
180	3.243	3.216	3.223	3.210	3.254	3.210	3.225	3.208	170-180	0.3023	730.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

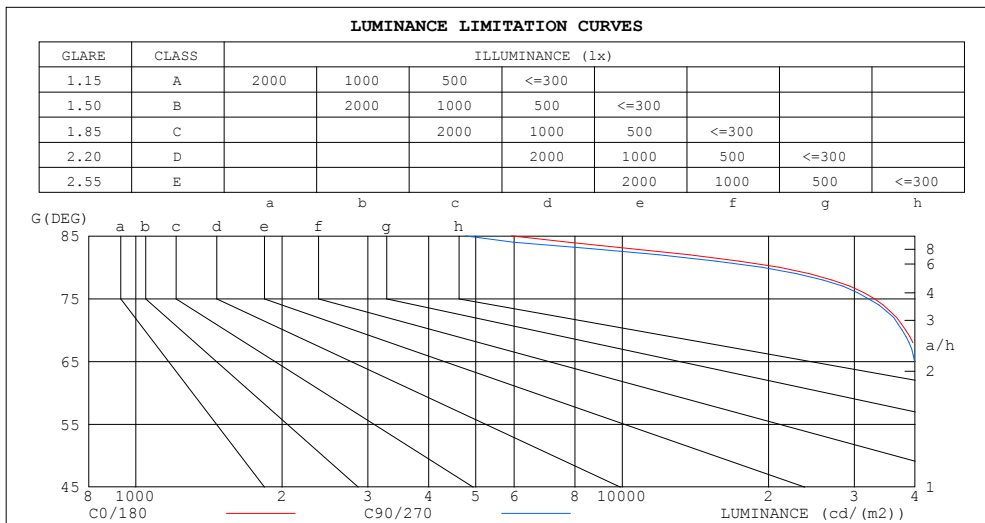
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-08-03

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:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm		
NAME: ASD-JBR-GB-4D9BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5927	4765
80	21039	19379
75	32987	32030
70	38277	37640
65	41272	39905
60	43524	42588
55	45351	44674
50	47042	46438
45	48783	48131

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-03

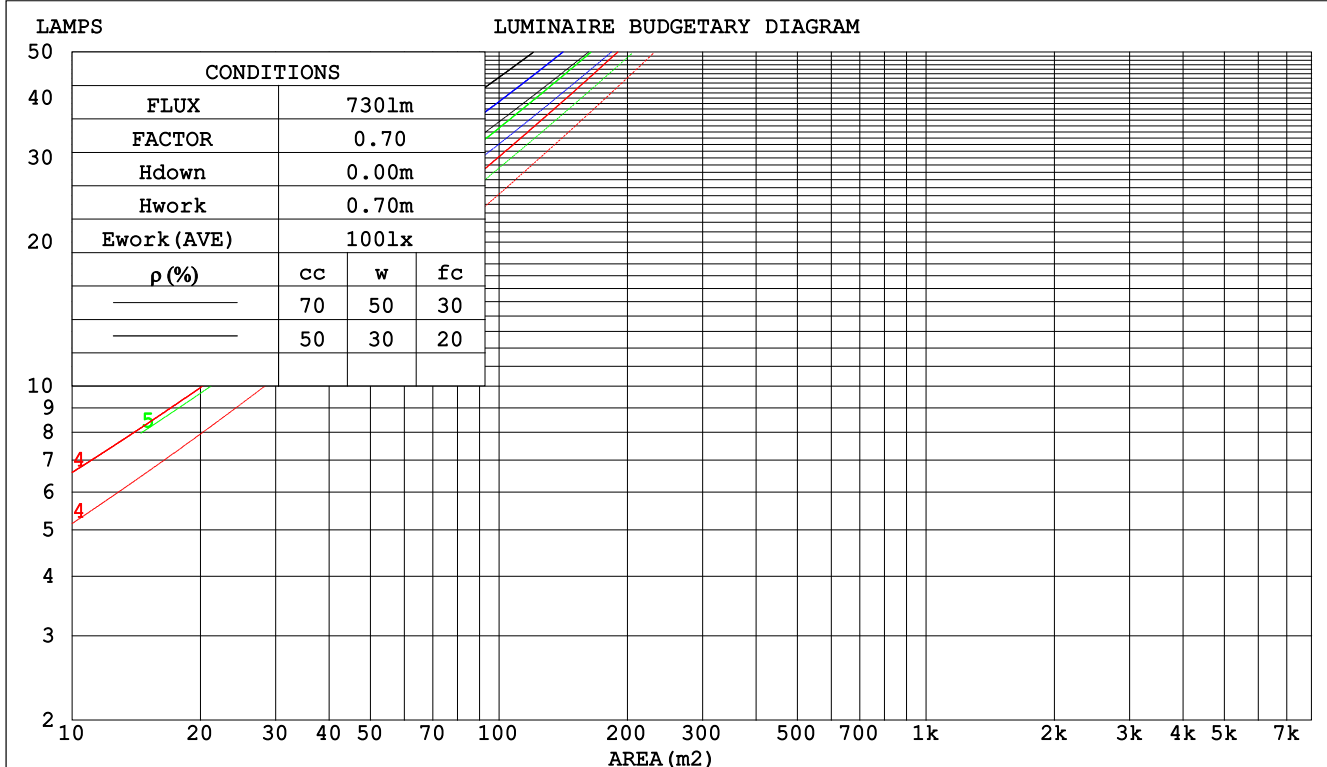
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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm		
NAME: ASD-JBR-GB-4D9BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	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	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.93	.91	.89	.89	.88	.86	.84
2.0	.92	.85	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.64	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.53	.51
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.51	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.37	.31	.27	.26



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-03

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:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm					
NAME: ASD-JBR-GB-4D9BK			TYPE:		WEIGHT:
SPEC.:5000K			DIM.:		SERIAL No.:
MFR.: ASD Lighting Corp			SUR.:0.08		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	.290	.165	.052	.283	.161	.051	.269	.154	.049	.256	.148	.047	.244	.141	.046		
2.0	.277	.152	.047	.271	.149	.046	.258	.144	.045	.247	.138	.043	.236	.134	.042		
3.0	.259	.138	.041	.253	.135	.041	.242	.131	.040	.232	.127	.039	.222	.123	.038		
4.0	.240	.125	.037	.235	.123	.036	.225	.119	.036	.216	.116	.035	.207	.113	.034		
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.201	.106	.032	.194	.104	.031		
6.0	.207	.104	.030	.203	.103	.030	.195	.100	.029	.188	.098	.029	.181	.095	.028		
7.0	.193	.096	.027	.190	.095	.027	.183	.092	.027	.176	.090	.026	.170	.088	.026		
8.0	.181	.088	.025	.178	.088	.025	.171	.086	.024	.166	.084	.024	.160	.082	.024		
9.0	.170	.082	.023	.167	.081	.023	.161	.080	.023	.156	.078	.022	.151	.077	.022		
10.0	.160	.077	.021	.157	.076	.021	.152	.075	.021	.147	.073	.021	.143	.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	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.192	.169	.149	.164	.145	.128	.112	.100	.089	.065	.058	.052	.021	.019	.017	
2.0	.184	.145	.113	.157	.125	.098	.108	.086	.068	.062	.050	.040	.020	.016	.013	
3.0	.176	.128	.089	.151	.110	.077	.103	.076	.054	.060	.045	.032	.019	.014	.010	
4.0	.168	.114	.073	.144	.099	.063	.099	.069	.045	.057	.040	.026	.018	.013	.009	
5.0	.161	.104	.062	.138	.090	.054	.095	.063	.038	.055	.037	.022	.018	.012	.007	
6.0	.154	.095	.053	.132	.083	.047	.091	.058	.033	.053	.034	.020	.017	.011	.006	
7.0	.147	.088	.047	.126	.077	.041	.087	.054	.029	.051	.032	.017	.016	.010	.006	
8.0	.141	.083	.043	.121	.072	.037	.084	.050	.026	.049	.030	.016	.016	.010	.005	
9.0	.135	.078	.039	.116	.067	.034	.080	.047	.024	.047	.028	.014	.015	.009	.005	
10.0	.129	.073	.036	.111	.064	.032	.077	.045	.023	.045	.027	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-08-03

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:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm											
NAME: ASD-JBR-GB-4D9BK						TYPE:			WEIGHT:		
SPEC.:5000K						DIM.:			SERIAL No.:		
MFR.: ASD Lighting Corp						SUR.:0.08			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	27.1	28.6	27.4	28.8	29.1	27.1	28.5	27.4	28.8	29.0	
	3H	28.6	29.9	28.9	30.2	30.4	28.5	29.8	28.8	30.1	30.3
	4H	29.1	30.3	29.4	30.6	30.9	29.0	30.3	29.3	30.5	30.8
	6H	29.3	30.5	29.7	30.8	31.1	29.2	30.4	29.6	30.7	31.0
	8H	29.3	30.5	29.7	30.8	31.1	29.2	30.3	29.6	30.7	31.0
	12H	29.3	30.4	29.6	30.7	31.0	29.1	30.3	29.5	30.6	30.9
4H	2H	27.7	29.0	28.1	29.3	29.6	27.7	28.9	28.0	29.2	29.5
	3H	29.3	30.4	29.7	30.8	31.1	29.3	30.4	29.6	30.7	31.0
	4H	30.0	31.0	30.4	31.3	31.7	29.9	30.9	30.3	31.2	31.6
	6H	30.3	31.2	30.7	31.6	32.0	30.2	31.1	30.6	31.5	31.9
	8H	30.3	31.1	30.7	31.5	32.0	30.2	31.0	30.6	31.4	31.9
	12H	30.3	31.0	30.7	31.5	31.9	30.2	30.9	30.6	31.4	31.8
8H	4H	30.2	31.0	30.6	31.4	31.8	30.1	31.0	30.6	31.4	31.8
	6H	30.6	31.3	31.1	31.8	32.2	30.5	31.2	31.0	31.7	32.1
	8H	30.7	31.3	31.2	31.8	32.2	30.6	31.2	31.1	31.7	32.1
	12H	30.7	31.2	31.2	31.7	32.2	30.6	31.1	31.1	31.6	32.1
12H	4H	30.2	30.9	30.6	31.4	31.8	30.1	30.9	30.6	31.3	31.7
	6H	30.7	31.3	31.1	31.7	32.2	30.6	31.2	31.1	31.6	32.1
	8H	30.7	31.3	31.2	31.7	32.3	30.6	31.2	31.1	31.6	32.2
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, 730.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.1)
Area: 0.005 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-03

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:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm		
NAME: ASD-JBR-GB-4D9BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	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) $k(RI) \times RCR = 5$									
$k = 0.60$	59	48	41	58	47	41	57	47	41	34
0.80	69	58	51	68	57	50	66	56	50	43
1.00	77	67	60	76	66	59	74	67	59	52
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	87	79	72	84	77	71	64
2.00	96	88	81	94	86	81	90	84	79	71
2.50	100	92	86	97	91	85	93	88	83	75
3.00	103	96	91	101	95	90	96	91	87	79
4.00	107	101	97	104	99	95	100	96	92	83
5.00	109	104	101	106	102	99	102	98	96	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

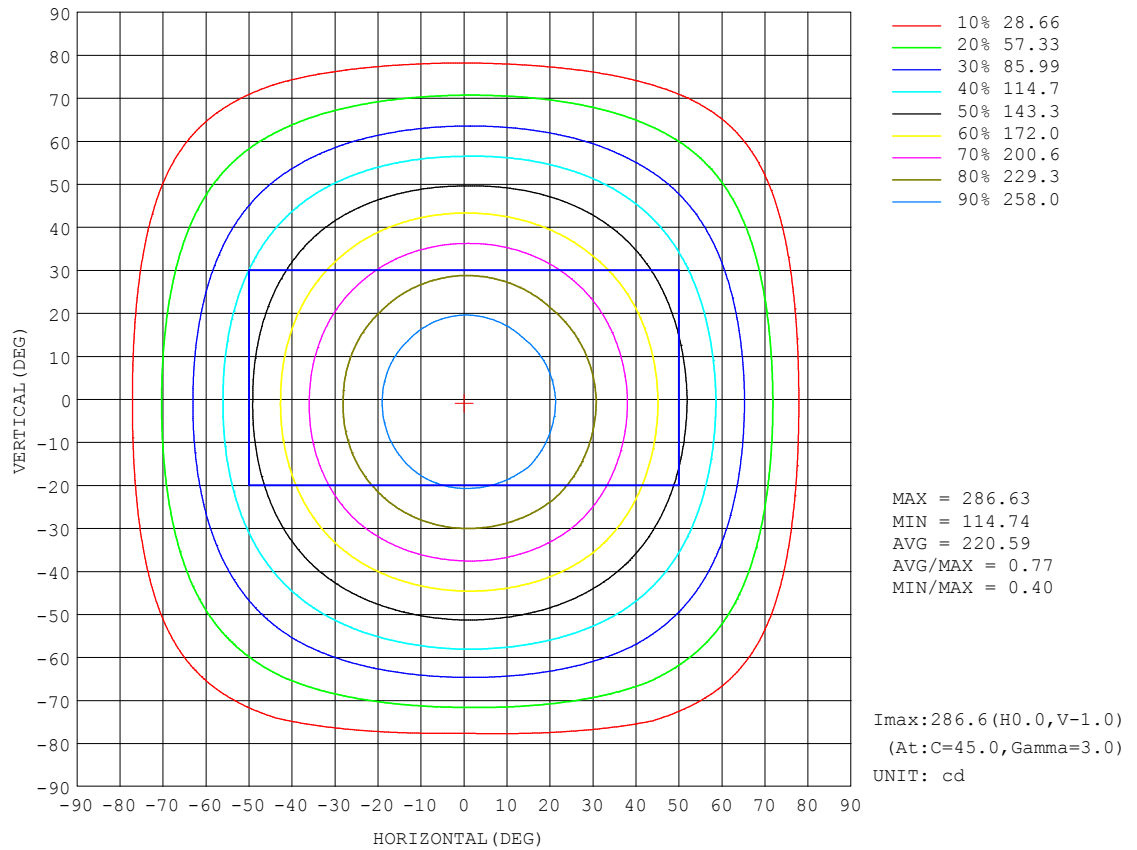
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

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SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	Shielding Angle:



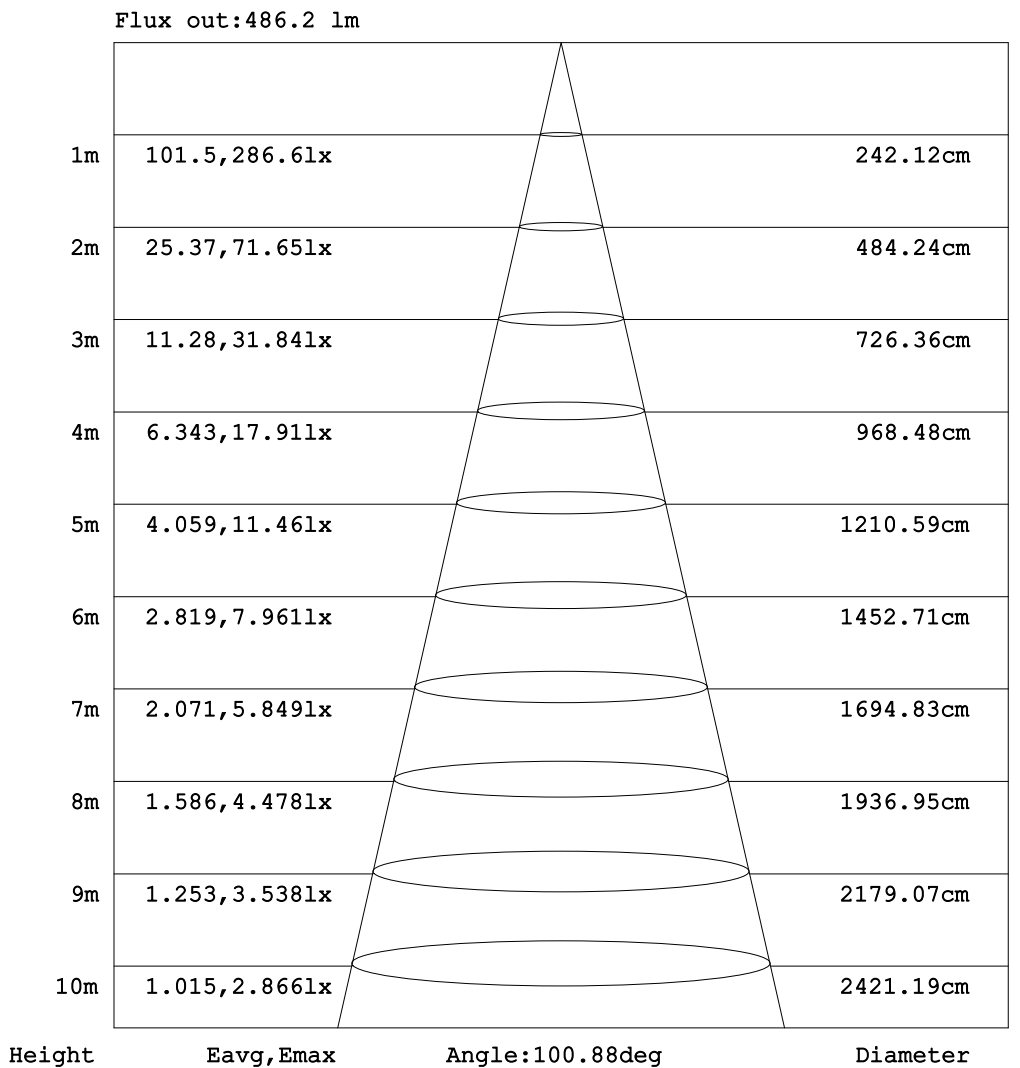
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:120.10V I:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm		
NAME: ASD-JBR-GB-4D9BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	Shielding Angle:



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

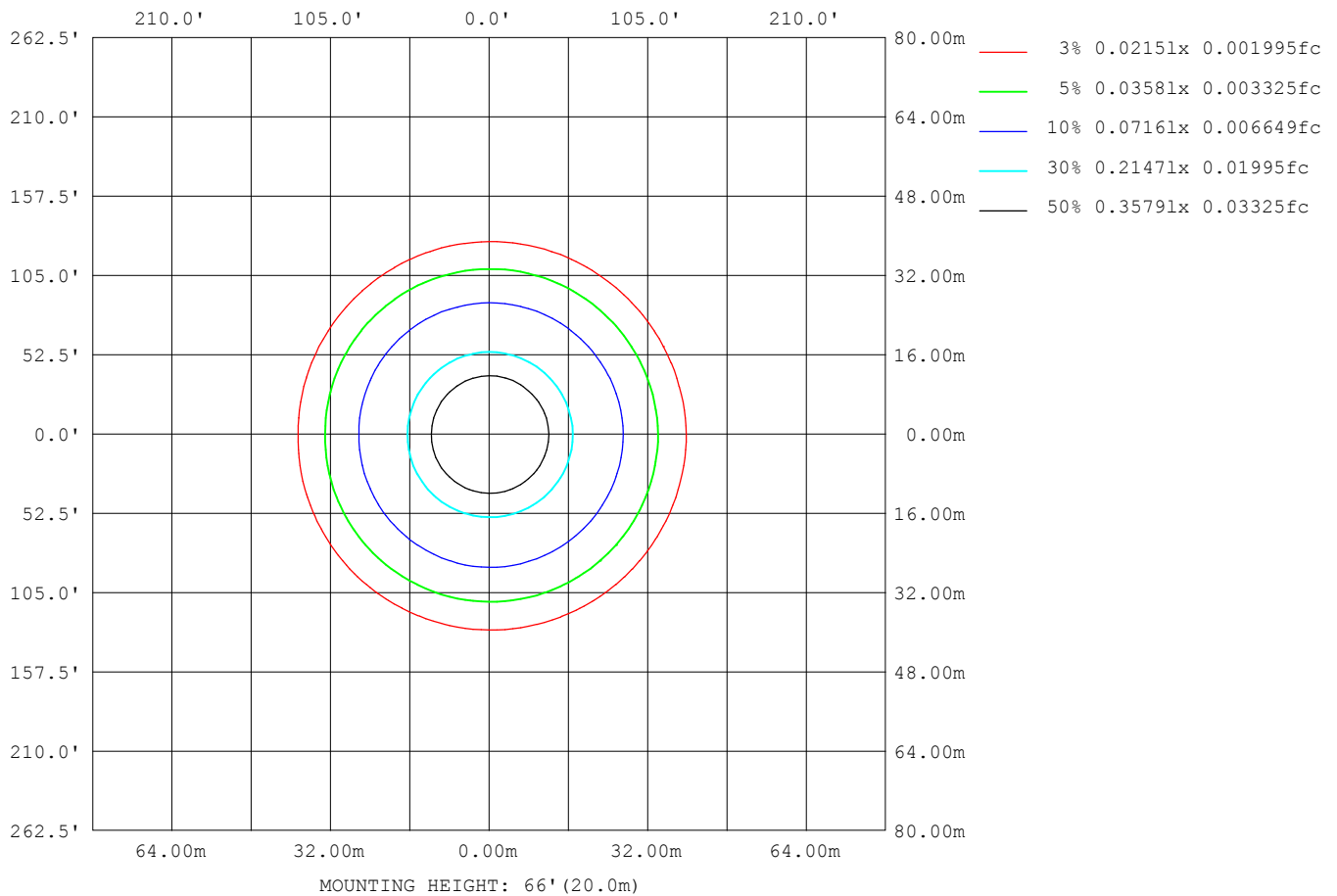
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Humidity:65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:120.10V I:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm		
NAME: ASD-JBR-GB-4D9BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-03

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:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm		
NAME: ASD-JBR-GB-4D9BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	Shielding Angle:

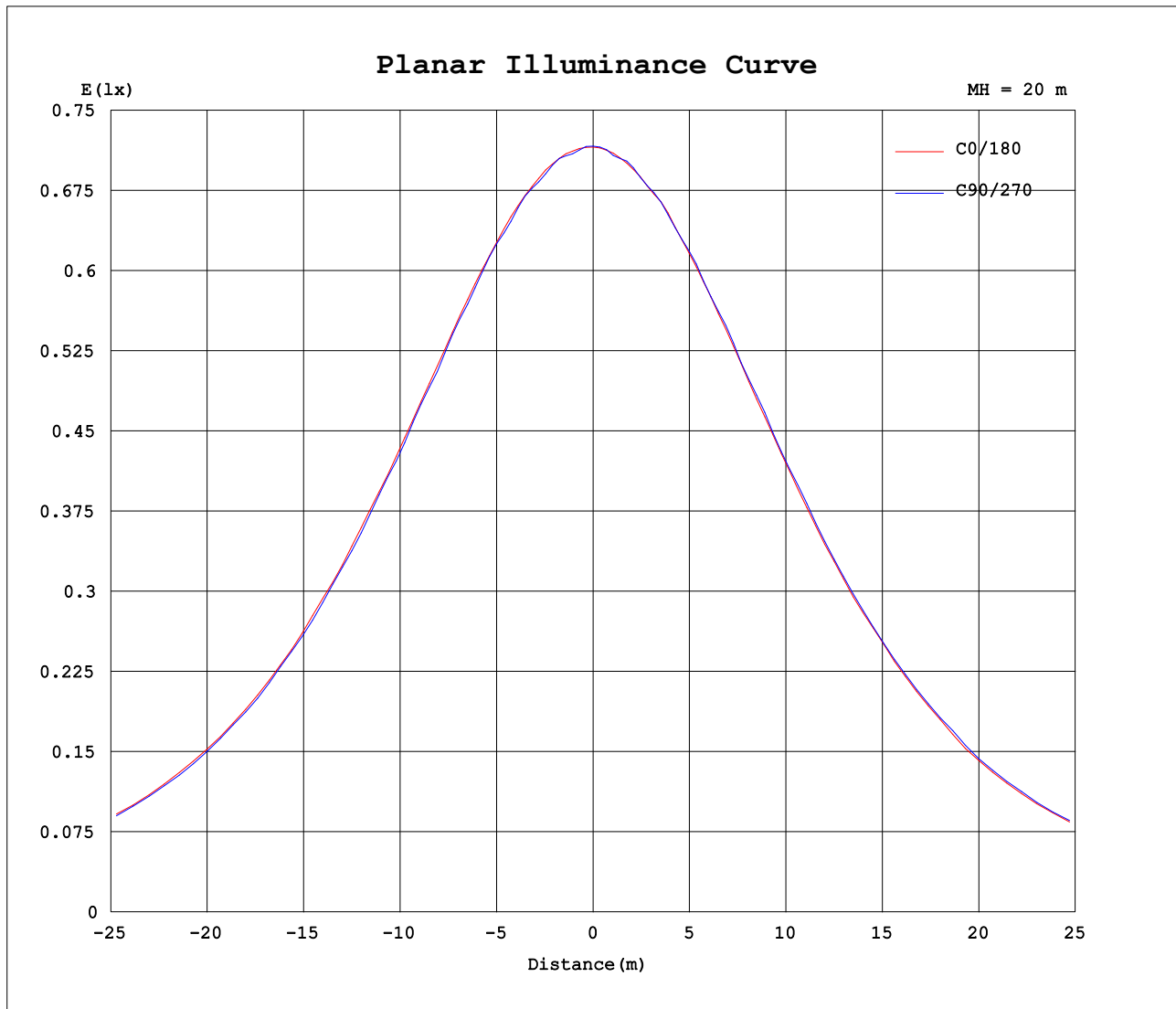
AvgL	cd/m2
L_0~180 (65) av	39104
L_0~180 (75) av	31218
L_0~180 (85) av	4765
L_90~270 (65) av	38774
L_90~270 (75) av	31806
L_90~270 (85) av	5489
L_45 (65) av	39051
L_45 (75) av	32932
L_45 (85) av	13454

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-03

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: 2024-08-03

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:0.0770A P:9.1600W PF:0.9850 Freq:60.00Hz Lamp Flux:730.321x1 lm		
NAME: ASD-JBR-GB-4D9BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.08	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	286	286	286	286	286	286	286	286										
5	285	285	285	284	283	284	284	284										
10	281	281	280	278	278	278	278	279										
15	272	273	272	270	268	268	269	269										
20	261	262	260	258	255	255	256	257										
25	247	248	246	243	240	241	241	242										
30	232	232	229	226	222	223	224	226										
35	214	214	211	208	204	204	205	207										
40	193	194	191	189	184	184	185	188										
45	172	174	170	166	160	163	162	167										
50	151	150	149	145	140	142	141	146										
55	130	130	128	124	119	121	120	125										
60	109	108	106	103	98.2	99.6	99.9	103										
65	87.2	87.6	84.2	82.9	78.1	77.9	79.7	81.8										
70	65.4	67.2	64.3	62.8	58.5	58.1	59.8	61.8										
75	42.7	46.6	41.4	43.5	38.1	39.4	40.9	40.8										
80	18.3	24.8	16.8	22.4	15.1	21.5	20.8	19.2										
85	2.58	8.30	2.07	5.26	1.57	6.13	2.71	3.77										
90	1.53	1.51	1.55	1.55	0.95	0.99	1.03	0.89										
95	1.57	1.59	1.58	1.59	1.03	1.00	1.01	0.97										
100	1.66	1.69	1.65	1.67	1.17	1.15	1.15	1.12										
105	1.75	1.80	1.75	1.77	1.33	1.31	1.30	1.27										
110	1.85	1.92	1.84	1.86	1.50	1.48	1.47	1.44										
115	1.93	2.02	1.93	1.96	1.67	1.64	1.64	1.62										
120	2.01	2.17	2.02	2.05	1.83	1.80	1.81	1.81										
125	2.10	2.17	2.11	2.13	2.00	1.98	1.96	1.97										
130	2.18	2.21	2.19	2.23	2.16	2.14	2.13	2.13										
135	2.27	2.30	2.28	2.30	2.32	2.28	2.29	2.28										
140	2.38	2.41	2.39	2.41	2.46	2.43	2.44	2.40										
145	2.49	2.52	2.50	2.53	2.62	2.57	2.58	2.55										
150	2.61	2.64	2.62	2.65	2.76	2.72	2.72	2.70										
155	2.75	2.77	2.74	2.77	2.89	2.84	2.85	2.83										
160	2.87	2.89	2.86	2.88	3.00	2.95	2.97	2.94										
165	3.00	2.99	2.99	2.99	3.10	3.05	3.07	3.04										
170	3.10	3.09	3.08	3.10	3.19	3.13	3.15	3.12										
175	3.19	3.18	3.16	3.18	3.24	3.19	3.21	3.17										
180	3.24	3.22	3.22	3.21	3.25	3.21	3.23	3.21										

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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Operators:DAMIN
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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Humidity:65.0%
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Remarks: