

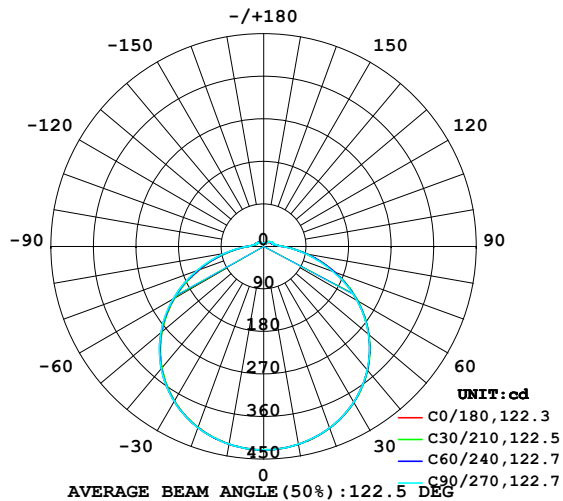
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

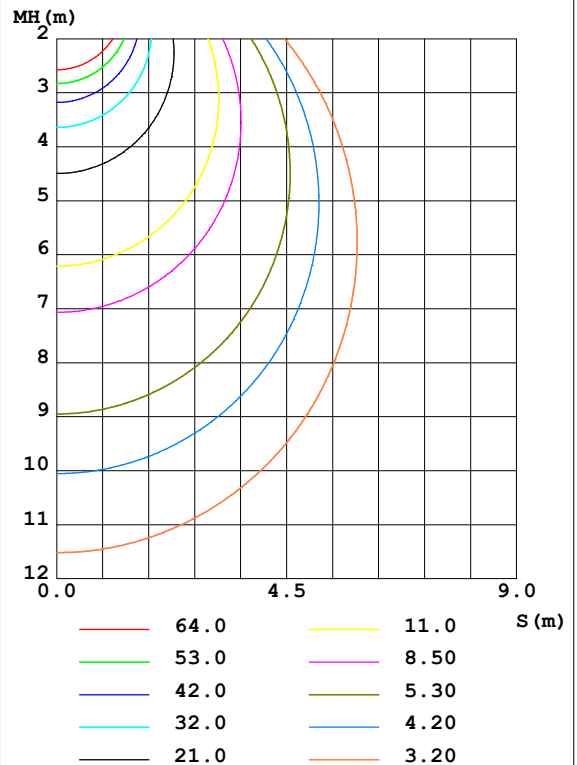
Test:U:120.10V I:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.92 lm/W			
MODEL	ASD-LFMDR-14D21CC-BK	I _{max} (cd)	430.4	S/MH(C0/180)	1.30
NOMINAL POWER(W)	21	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1520.9	η UP,DN(C0-180)	3.7,47.1
NOMINAL FLUX(lm)	1520.88	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.3,45.9
LAMPS INSIDE	1	η up(%)	7.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	93.0	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-01-15

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	425.0	424.8	424.6	424.9	424.4	424.6	424.5	424.4	0- 10	40.80	40.80	2.68,2.68
20	408.8	408.6	408.2	408.2	407.0	407.6	407.8	407.3	10- 20	118.0	158.8	10.4,10.4
30	381.4	381.0	380.6	379.9	377.6	378.3	378.9	378.4	20- 30	182.3	341.1	22.4,22.4
40	341.6	341.7	340.9	339.1	335.4	336.3	337.4	337.1	30- 40	225.7	566.8	37.3,37.3
50	290.2	290.5	289.4	286.4	281.4	282.4	284.1	284.4	40- 50	242.0	808.8	53.2,53.2
60	228.6	229.2	227.5	223.5	217.4	218.6	221.1	221.9	50- 60	228.6	1037	68.2,68.2
70	160.2	159.4	155.7	152.8	145.1	147.5	151.7	151.7	60- 70	186.9	1224	80.5,80.5
80	92.77	92.27	89.18	85.63	79.05	80.23	82.92	84.90	70- 80	125.4	1350	88.7,88.7
90	41.32	41.82	41.23	38.41	34.39	34.48	36.35	37.08	80- 90	64.57	1414	93,93
100	24.63	24.08	24.75	23.43	22.00	20.95	22.70	21.21	90-100	31.48	1446	95.1,95.1
110	19.52	19.65	20.30	19.94	18.22	17.40	18.15	16.47	100-110	21.10	1467	96.4,96.4
120	17.52	18.15	18.39	18.17	16.37	15.78	16.29	14.98	110-120	17.78	1485	97.6,97.6
130	14.49	15.73	15.78	15.51	13.56	13.75	13.52	12.73	120-130	14.12	1499	98.5,98.5
140	10.78	12.58	11.90	12.44	10.10	10.99	10.71	10.38	130-140	10.06	1509	99.2,99.2
150	8.226	8.870	8.732	9.113	7.851	7.956	8.208	8.127	140-150	6.150	1515	99.6,99.6
160	6.709	6.855	7.071	7.223	6.620	6.539	6.619	6.816	150-160	3.497	1518	99.8,99.8
170	6.228	6.132	6.292	6.348	6.211	6.056	6.108	6.087	160-170	1.831	1520	100,100
180	5.881	5.808	5.808	5.795	5.853	5.801	5.850	5.799	170-180	0.5764	1521	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

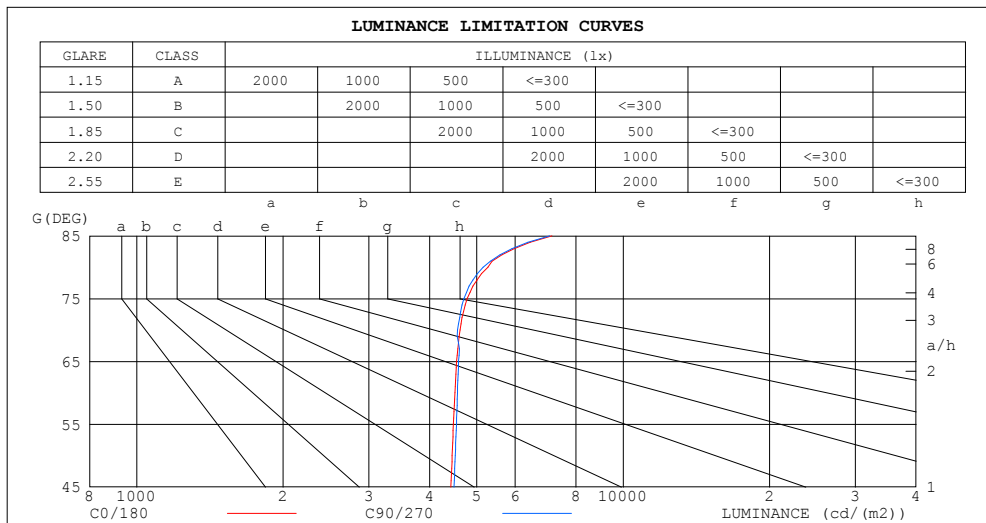
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-01-15

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:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7135	7061
80	5268	5152
75	4780	4706
70	4618	4569
65	4547	4589
60	4509	4565
55	4478	4542
50	4451	4518
45	4424	4492

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-01-15

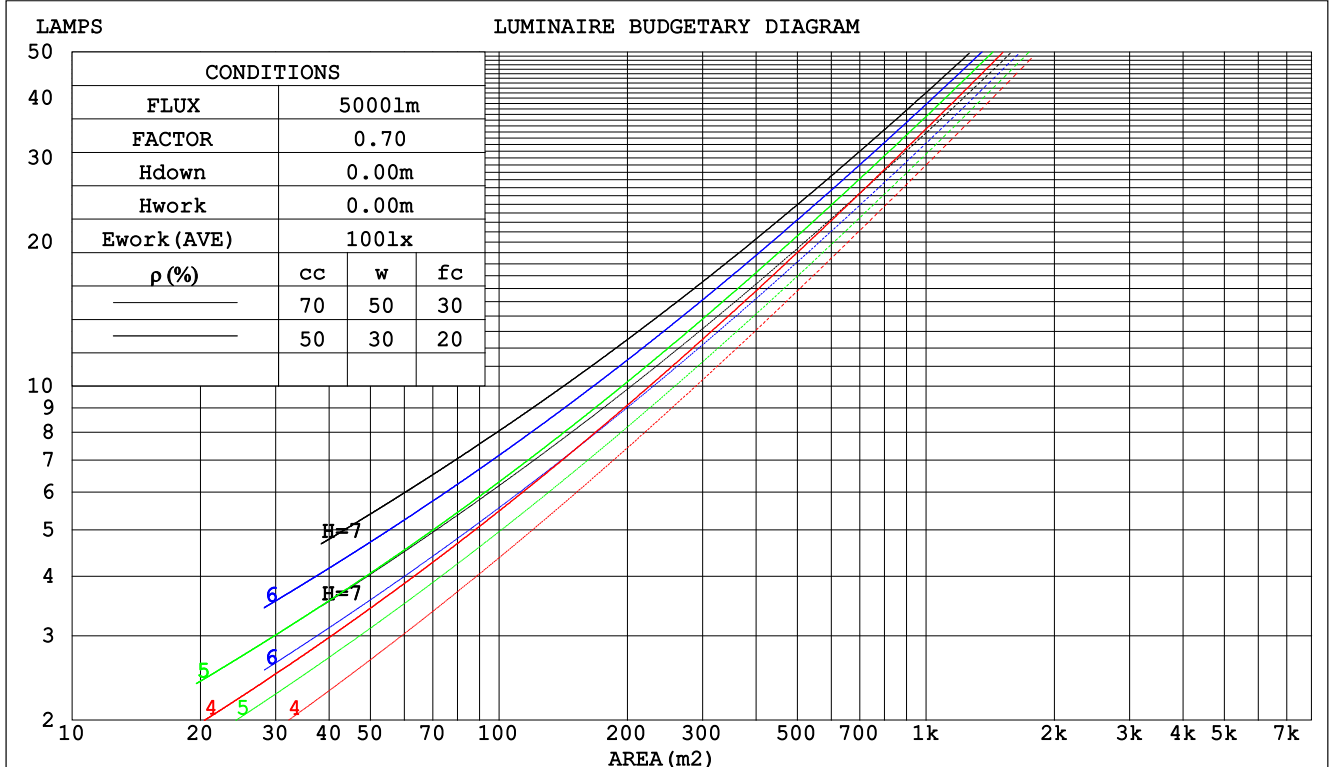
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.93
1.0	1.00	.96	.91	.97	.93	.89	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75
2.0	.87	.79	.73	.84	.77	.72	.79	.74	.69	.75	.70	.66	.71	.67	.64	.61
3.0	.76	.67	.60	.73	.65	.59	.69	.63	.57	.66	.60	.55	.62	.57	.53	.51
4.0	.67	.57	.50	.65	.56	.50	.61	.54	.48	.58	.52	.47	.55	.50	.45	.43
5.0	.59	.50	.43	.58	.49	.42	.55	.47	.41	.52	.45	.40	.49	.44	.39	.37
6.0	.53	.44	.37	.52	.43	.37	.49	.42	.36	.47	.40	.35	.45	.39	.34	.32
7.0	.48	.39	.33	.47	.38	.32	.45	.37	.32	.43	.36	.31	.41	.35	.30	.28
8.0	.44	.35	.29	.43	.34	.29	.41	.33	.28	.39	.32	.28	.37	.31	.27	.25
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.34	.29	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-01-15

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:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	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	.344	.196	.062	.335	.191	.061	.317	.182	.058	.301	.174	.056	.287	.166	.054		
2.0	.312	.171	.052	.304	.167	.052	.288	.160	.050	.274	.154	.048	.260	.147	.046		
3.0	.283	.151	.045	.276	.148	.044	.262	.142	.043	.249	.136	.042	.237	.131	.041		
4.0	.259	.134	.040	.252	.132	.039	.239	.127	.038	.228	.122	.037	.217	.118	.036		
5.0	.237	.121	.035	.231	.119	.035	.220	.115	.034	.210	.111	.033	.200	.107	.032		
6.0	.219	.110	.031	.213	.108	.031	.203	.104	.030	.194	.101	.030	.185	.097	.029		
7.0	.203	.100	.028	.198	.099	.028	.189	.095	.027	.180	.092	.027	.172	.089	.026		
8.0	.189	.092	.026	.184	.091	.026	.176	.088	.025	.168	.085	.025	.161	.083	.024		
9.0	.176	.085	.024	.172	.084	.024	.165	.081	.023	.158	.079	.023	.151	.077	.022		
10.0	.165	.079	.022	.162	.078	.022	.155	.076	.021	.148	.074	.021	.142	.071	.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	.244	.244	.244	.208	.208	.208	.142	.142	.142	.082	.082	.082	.026	.026	.026	
1.0	.237	.210	.185	.202	.180	.160	.138	.124	.110	.080	.072	.064	.026	.023	.021	
2.0	.229	.186	.150	.196	.160	.129	.134	.111	.090	.078	.064	.053	.025	.021	.017	
3.0	.222	.169	.127	.190	.146	.110	.130	.101	.077	.075	.059	.045	.024	.019	.015	
4.0	.214	.156	.112	.184	.135	.097	.126	.094	.068	.073	.055	.040	.023	.018	.013	
5.0	.206	.146	.101	.177	.126	.088	.122	.088	.062	.071	.052	.037	.023	.017	.012	
6.0	.199	.138	.093	.171	.119	.081	.118	.083	.058	.068	.049	.034	.022	.016	.011	
7.0	.192	.131	.088	.165	.113	.077	.114	.080	.054	.066	.047	.032	.021	.015	.011	
8.0	.186	.125	.084	.160	.109	.073	.111	.076	.052	.064	.045	.031	.021	.015	.010	
9.0	.179	.120	.080	.154	.104	.070	.107	.073	.050	.062	.043	.030	.020	.014	.010	
10.0	.174	.116	.078	.150	.101	.068	.104	.071	.048	.061	.042	.029	.020	.014	.010	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-01-15

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:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm											
NAME: ASD-LFMDR-14D21CC-BK						TYPE:		WEIGHT:			
SPEC.:5000K						DIM.:		SERIAL No.:			
MFR.: ASD Lighting Corp						SUR.:		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	16.3	17.8	16.7	18.1	18.5	16.4	17.9	16.7	18.2	18.5	
	3H	18.2	19.5	18.6	19.9	20.3	18.2	19.6	18.6	19.9	20.3
	4H	19.0	20.3	19.4	20.7	21.1	19.0	20.3	19.4	20.7	21.1
	6H	19.8	21.0	20.2	21.4	21.9	19.8	21.0	20.2	21.4	21.8
	8H	20.2	21.4	20.6	21.8	22.2	20.1	21.3	20.6	21.7	22.2
	12H	20.5	21.7	21.0	22.1	22.6	20.5	21.6	21.0	22.1	22.5
4H	2H	17.0	18.3	17.4	18.7	19.1	17.1	18.4	17.5	18.7	19.1
	3H	19.0	20.2	19.5	20.6	21.1	19.1	20.2	19.5	20.6	21.1
	4H	20.0	21.1	20.5	21.5	22.0	20.0	21.1	20.5	21.5	22.0
	6H	21.0	21.9	21.5	22.4	22.9	21.0	21.9	21.5	22.4	22.9
	8H	21.4	22.3	22.0	22.8	23.3	21.4	22.3	21.9	22.8	23.3
	12H	21.9	22.7	22.5	23.2	23.8	21.9	22.7	22.4	23.2	23.7
8H	4H	20.4	21.3	20.9	21.8	22.3	20.4	21.3	20.9	21.8	22.3
	6H	21.6	22.3	22.2	22.9	23.4	21.6	22.3	22.1	22.8	23.4
	8H	22.2	22.9	22.8	23.4	24.0	22.2	22.8	22.7	23.4	24.0
	12H	22.9	23.4	23.4	24.0	24.6	22.8	23.4	23.4	23.9	24.6
12H	4H	20.5	21.3	21.0	21.8	22.3	20.5	21.3	21.0	21.8	22.3
	6H	21.7	22.4	22.3	22.9	23.5	21.7	22.4	22.3	22.9	23.5
	8H	22.4	23.0	23.0	23.5	24.2	22.4	23.0	23.0	23.5	24.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.4					+ 0.1 / - 0.4					

CIE Pub.117, 1521 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.5)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-01-15

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:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	41	34	51	40	33	27
0.80	63	51	43	62	50	43	59	49	42	35
1.00	71	59	51	69	58	51	67	59	50	42
1.25	78	67	59	76	66	58	73	64	57	49
1.50	83	72	65	81	71	64	77	69	62	54
2.00	90	81	73	88	79	72	84	76	70	61
2.50	94	86	79	92	84	78	87	80	75	65
3.00	98	90	84	95	88	82	90	84	79	69
4.00	102	96	90	99	93	88	94	89	85	74
5.00	105	99	95	102	97	92	96	92	88	77
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

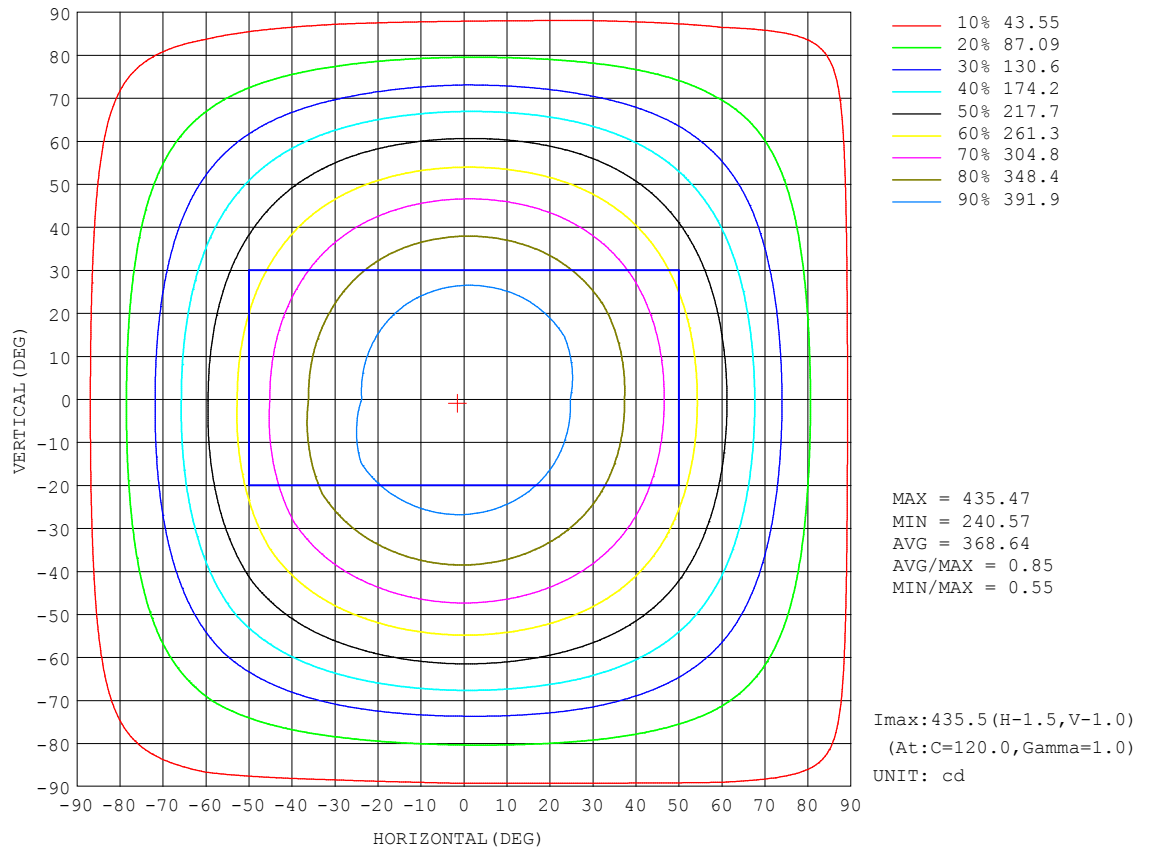
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
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 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Test:U:120.10V I:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
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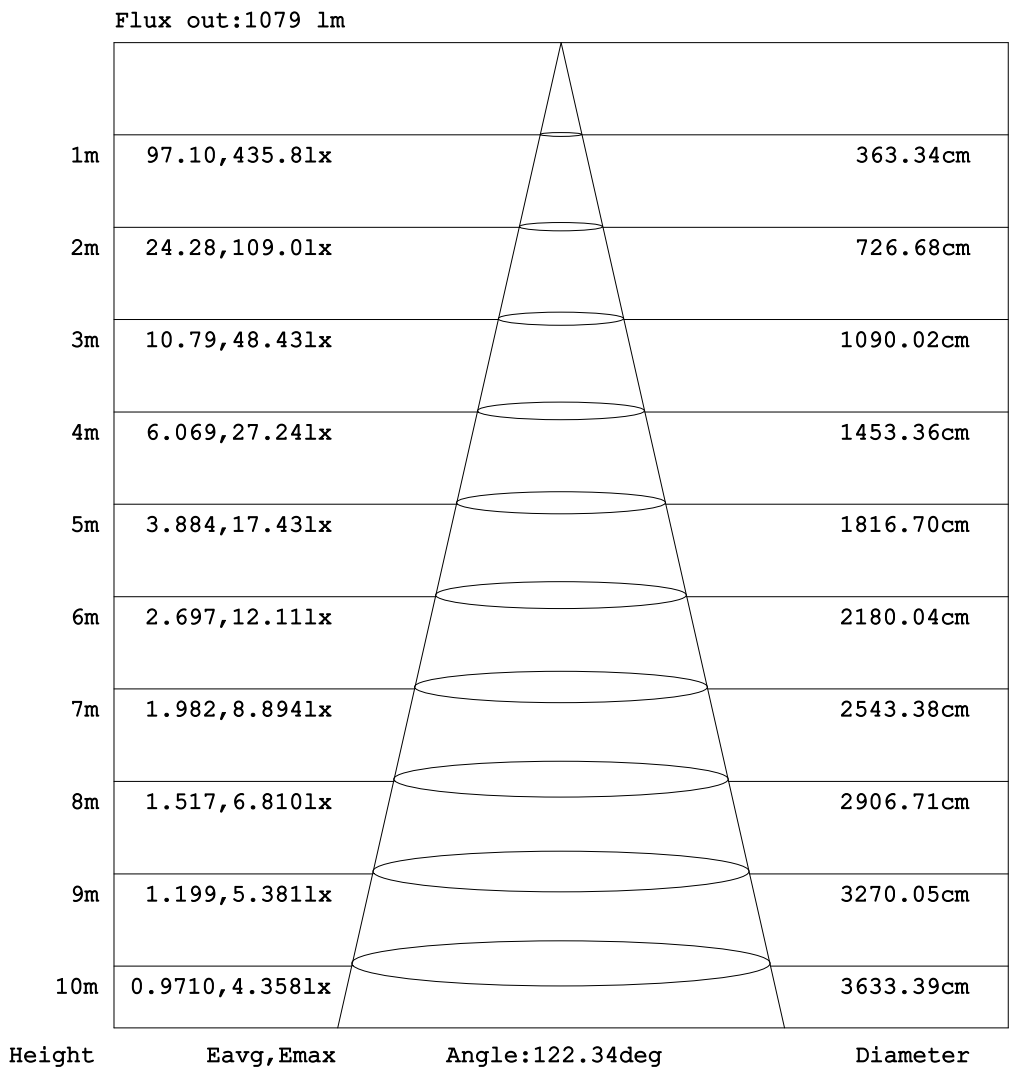
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:120.10V I:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



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

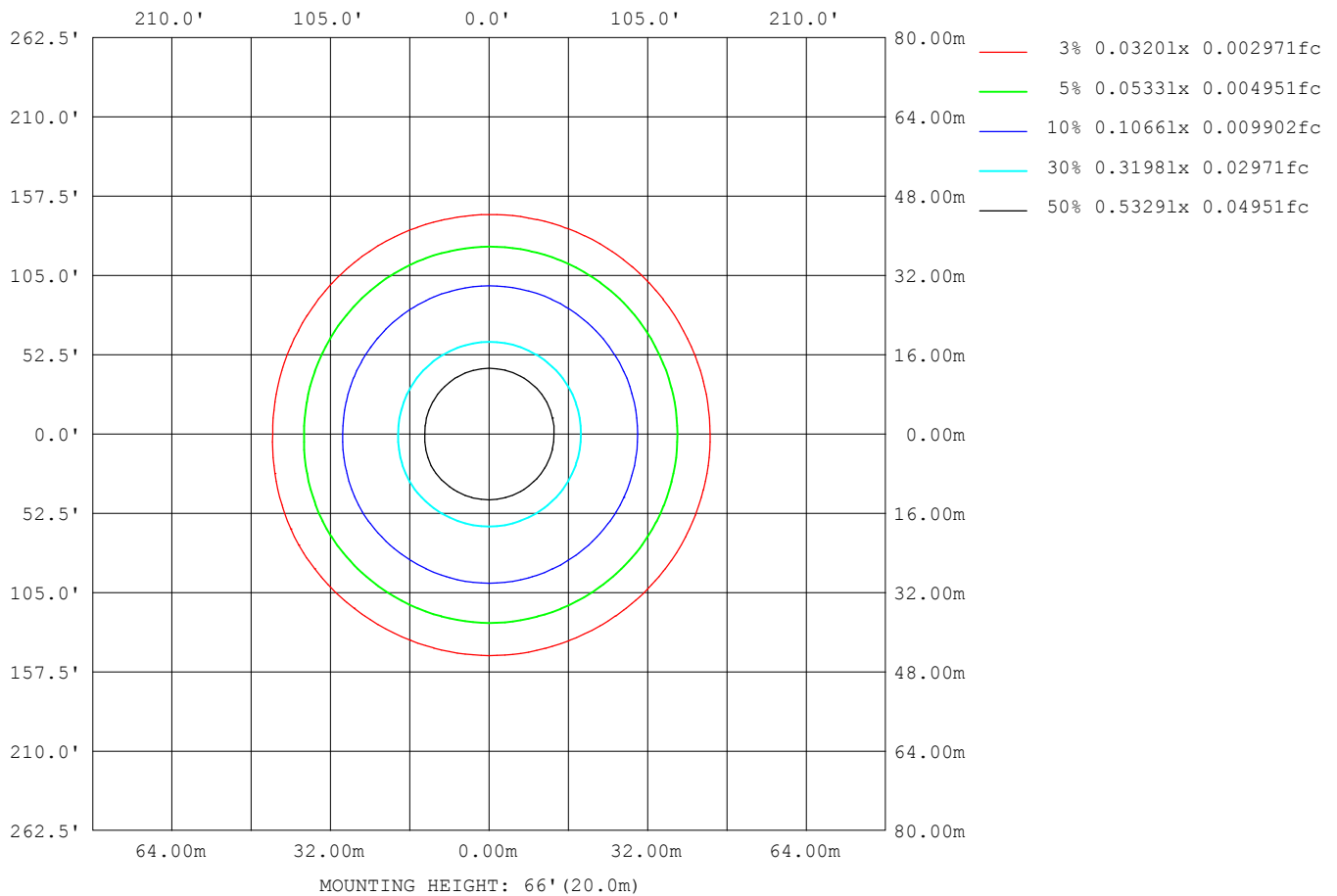
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:120.10V I:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-01-15

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:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

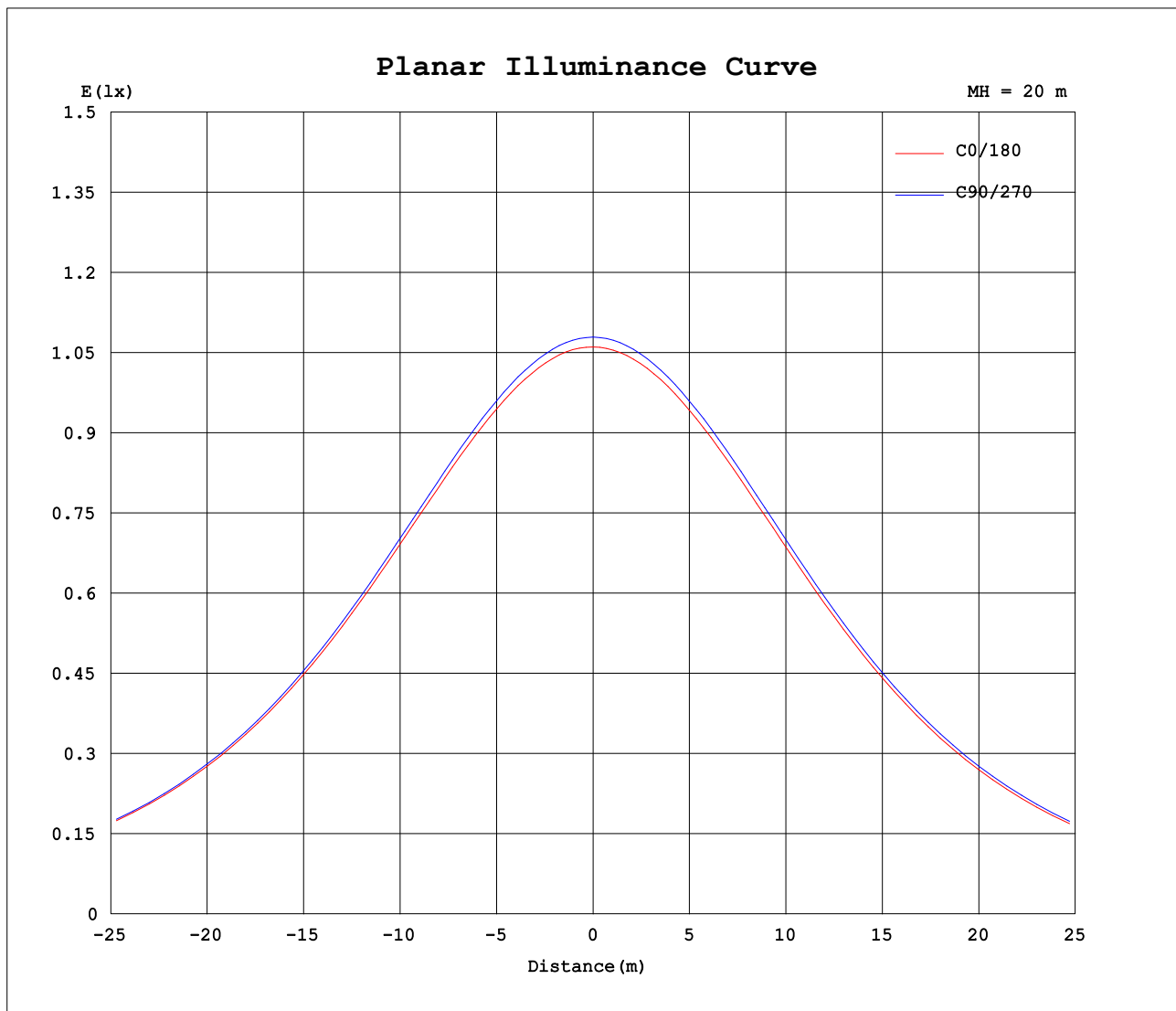
AvgL	cd/m2
L_0~180 (65) av	4468
L_0~180 (75) av	4566
L_0~180 (85) av	6605
L_90~270 (65) av	4496
L_90~270 (75) av	4601
L_90~270 (85) av	6707
L_45 (65) av	4472
L_45 (75) av	4568
L_45 (85) av	6635

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-01-15

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: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-01-15

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:0.1760A P:20.300W PF:0.9580 Freq:60.00Hz Lamp Flux:1520.88x1 lm		
NAME: ASD-LFMDR-14D21CC-BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	430	430	430	430	430	430	430	430	430	430	430	430							
5	429	429	429	429	429	429	429	429	429	429	429	429							
10	425	425	425	425	425	425	424	425	425	425	425	424							
15	418	418	418	418	418	418	417	417	418	417	417	417							
20	409	409	408	408	408	408	407	407	408	408	408	407							
25	397	396	396	396	395	396	394	394	395	395	395	394							
30	381	381	381	381	380	380	378	378	379	379	379	378							
35	363	363	363	362	361	361	358	358	360	360	360	359							
40	342	342	341	341	339	339	335	335	337	337	338	337							
45	317	318	317	317	315	314	310	310	312	312	313	312							
50	290	291	290	289	287	286	281	281	283	284	285	284							
55	260	262	260	260	256	256	251	250	253	254	255	254							
60	229	230	228	227	224	223	217	217	220	221	222	221							
65	195	196	194	193	190	188	183	182	185	187	188	187							
70	160	159	160	156	155	151	145	147	148	152	151	152							
75	125	125	125	121	120	117	111	112	114	117	117	118							
80	92.8	92.6	91.9	89.2	86.6	84.6	79.1	78.8	81.6	82.9	84.7	85.1							
85	63.1	64.1	62.6	61.3	58.6	57.2	52.1	51.8	54.4	55.6	57.1	57.0							
90	41.3	42.2	41.5	41.2	39.0	37.8	34.4	33.6	35.4	36.3	37.3	36.8							
95	30.1	30.5	29.7	30.4	28.8	28.2	26.6	25.4	26.3	27.2	27.1	26.3							
100	24.6	24.7	23.5	24.7	23.7	23.2	22.0	20.3	21.6	22.7	21.6	20.8							
105	20.3	21.1	20.5	21.5	20.9	20.4	18.9	17.7	18.6	18.6	17.7	17.3							
110	19.5	20.2	19.1	20.3	20.0	19.9	18.2	16.9	17.9	18.1	16.6	16.3							
115	18.8	19.8	18.6	19.6	19.3	19.3	17.5	16.3	17.4	17.5	16.0	15.8							
120	17.5	18.6	17.7	18.4	18.3	18.1	16.4	15.5	16.1	16.3	15.0	15.0							
125	16.2	17.5	16.6	17.4	17.0	16.9	15.0	14.5	15.1	15.1	14.0	14.0							
130	14.5	16.2	15.3	15.8	15.4	15.6	13.6	13.6	13.9	13.5	12.8	12.7							
135	12.7	14.7	13.8	14.0	13.8	14.3	12.1	12.3	12.6	12.2	11.4	11.8							
140	10.8	12.9	12.3	11.9	12.3	12.6	10.10	11.1	10.9	10.7	10.4	10.4							
145	8.78	10.7	10.6	9.51	10.8	10.7	8.72	9.31	9.52	8.87	9.17	9.10							
150	8.23	8.78	8.96	8.73	9.09	9.13	7.85	7.83	8.09	8.21	8.14	8.11							
155	7.33	7.53	7.58	7.67	7.99	7.94	7.14	7.07	7.12	7.25	7.49	7.39							
160	6.71	6.72	6.99	7.07	7.29	7.15	6.62	6.55	6.53	6.62	6.77	6.86							
165	6.39	6.27	6.34	6.69	6.70	6.60	6.36	6.26	6.18	6.23	6.23	6.29							
170	6.23	6.09	6.17	6.29	6.40	6.29	6.21	6.09	6.02	6.11	6.04	6.13							
175	6.10	6.02	6.04	6.04	6.02	5.97	5.94	5.94	5.90	5.95	5.91	5.95							
180	5.88	5.80	5.82	5.81	5.81	5.78	5.85	5.81	5.79	5.85	5.80	5.80							

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