

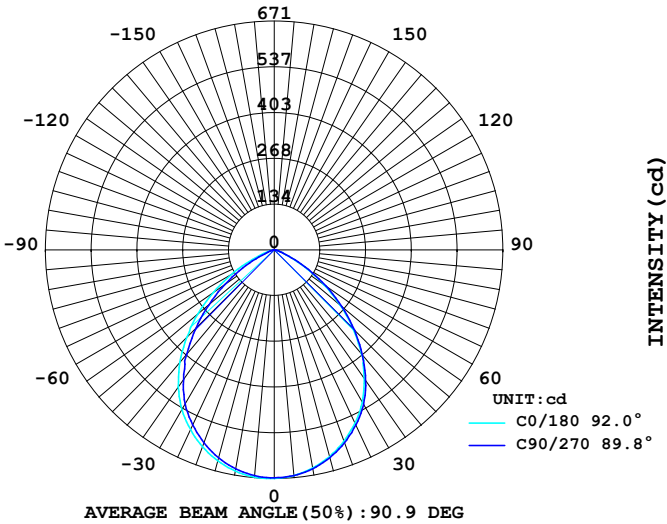
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

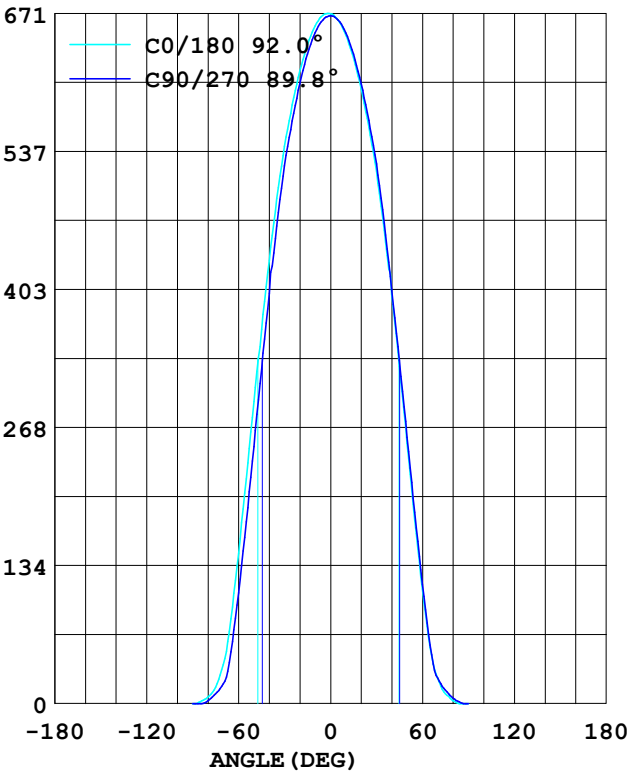
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Mila	TYPE: IL-DL17-N0123C-100	WEIGHT:
SPECIFICATION: Ra90 3000K	DIMENSION: ϕ 160*80	SERIAL No.:

DATA OF LAMP		Imax (cd)	671.0	S/MH (C0/180)	1.21
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.17
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	1304.6	Voltage(V)	225.8
RATED VOLTAGE (V)	226	EFFICIENCY (lm/W)	111.2	Current(A)	0.096
NOMINAL FLUX(lm)	1304.6	η up (%)	0.0	Power(W)	11.73
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.541
TEST VOLTAGE (V)	225.8	Effective Flux(lm)	1304.6	EEI	0.122

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



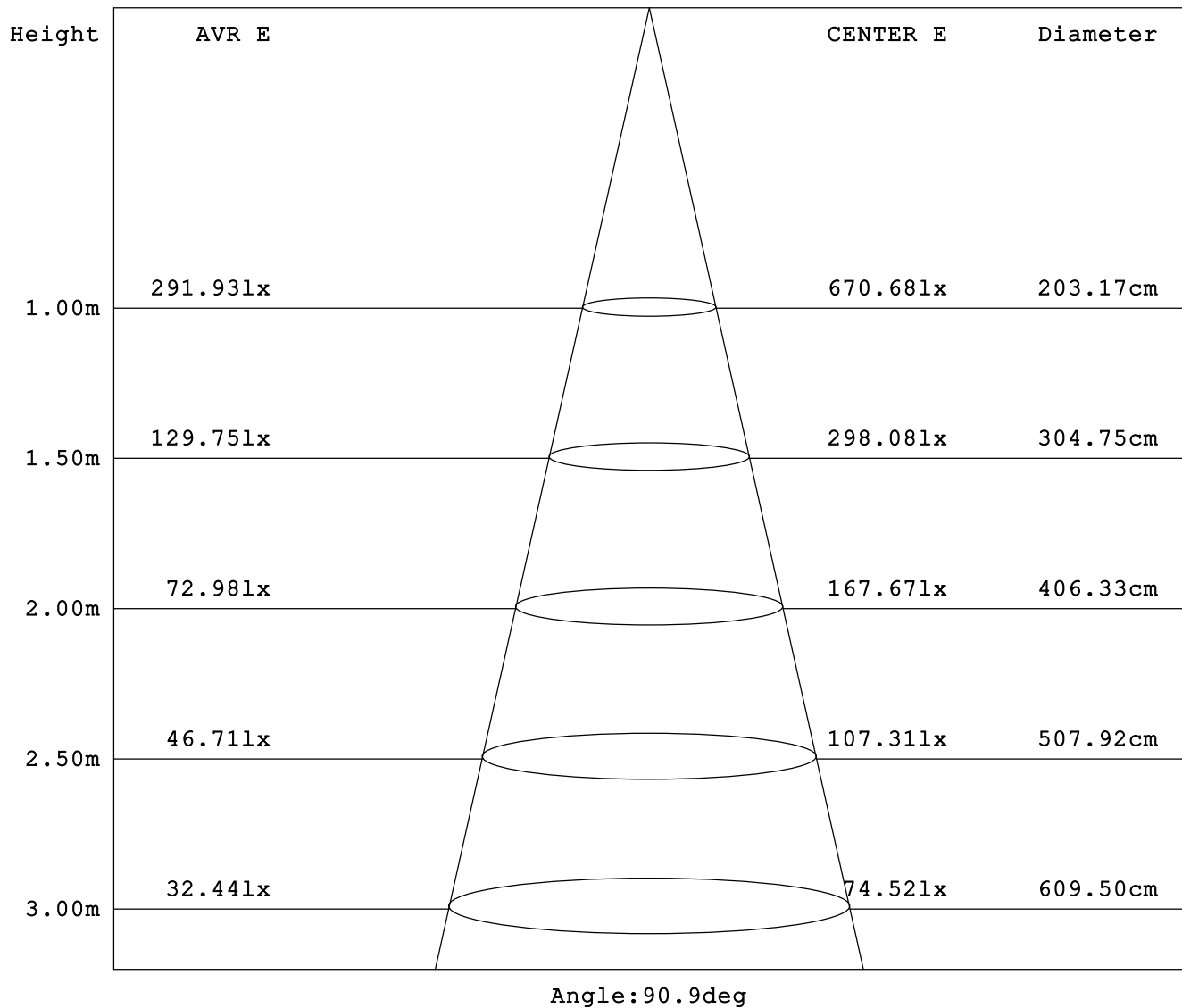
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025-7-15

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: Ra90 3000K	DIMENSION: ϕ 160*80	SERIAL No.:

γ	C0	C90	C180	C270					γ	Zone	total
5.0	669.0	664.4	664.2	664.3					0- 5	15.96	15.96
10.0	658.8	652.1	649.7	651.9					5- 10	47.18	63.14
15.0	640.4	631.4	627.7	631.3					10- 15	76.28	139.4
20.0	614.8	602.3	597.5	602.3					15- 20	101.9	241.3
25.0	581.7	566.3	560.2	567.0					20- 25	123.0	364.4
30.0	541.6	522.6	517.2	524.5					25- 30	138.6	503.0
35.0	490.9	464.1	460.2	467.1					30- 35	146.9	650.0
40.0	430.9	398.8	397.7	402.3					35- 40	146.6	796.7
45.0	363.5	325.0	327.7	333.3					40- 45	137.8	934.5
50.0	293.6	249.8	252.7	258.6					45- 50	121.3	1056
55.0	218.4	176.7	178.5	185.8					50- 55	98.42	1154
60.0	145.8	107.4	111.1	115.9					55- 60	71.29	1226
65.0	82.37	50.17	54.68	56.67					60- 65	43.45	1269
70.0	37.68	19.27	24.08	24.68					65- 70	20.45	1290
75.0	15.67	9.380	9.580	12.98					70- 75	9.650	1299
80.0	6.280	2.780	2.680	5.280					75- 80	4.173	1303
85.0	1.780	0	0	0.880					80- 85	1.138	1305
90.0	0	0	0	0					85- 90	0.081	1305
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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Temperature:25.3DEG
Operators:
Test Date:2025-7-15

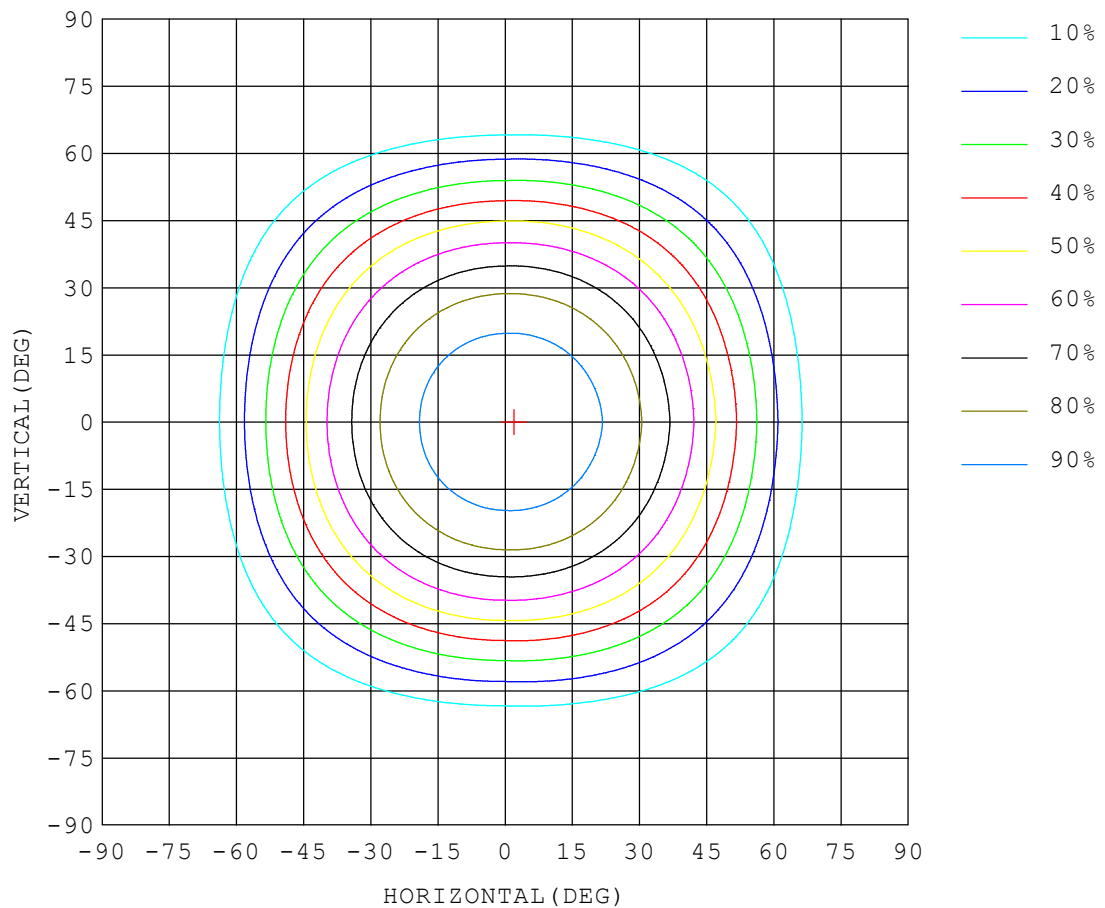
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ISOCANDELA DIAGRAM

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SPECIFICATION: Ra90 3000K	DIMENSION: \varnothing 160*80	SERIAL No.:

UNIT: cd



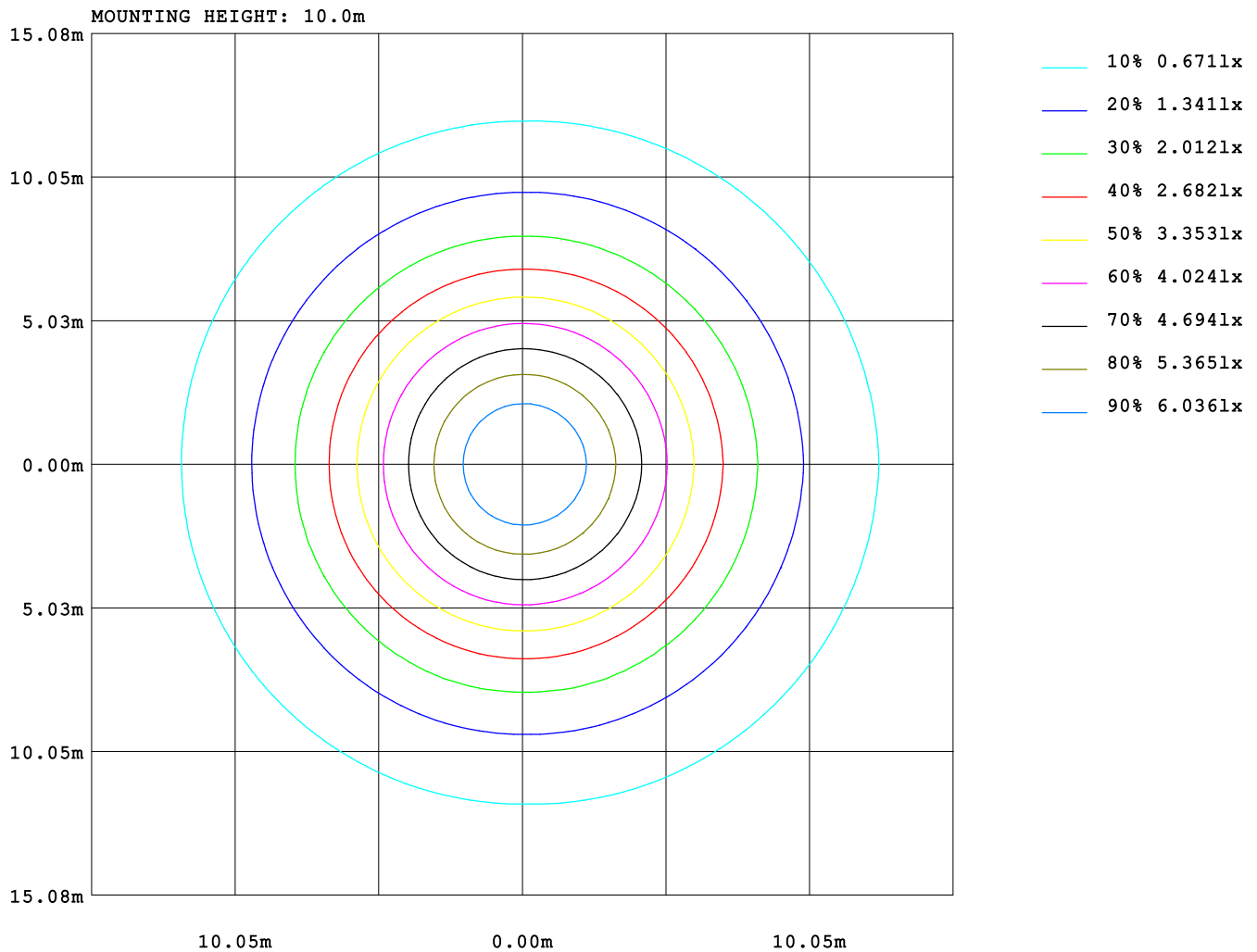
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ISOLUX DIAGRAM

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Uncorrected UGR Table

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SPECIFICATION: Ra90 3000K	DIMENSION: φ160*80	SERIAL No.:		

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	22.6	23.9	22.8	24.1	24.3	21.8	23.2	22.1	23.3	23.5
3H	22.7	23.9	23.0	24.1	24.4	21.8	23.0	22.1	23.2	23.5
4H	22.7	23.8	23.0	24.0	24.3	21.8	22.9	22.1	23.1	23.4
6H	22.6	23.7	22.9	23.9	24.2	21.7	22.7	22.0	23.0	23.2
8H	22.6	23.6	22.9	23.8	24.1	21.6	22.6	21.9	22.9	23.2
12H	22.5	23.5	22.9	23.8	24.1	21.6	22.5	21.9	22.8	23.1
4H 2H	22.6	23.7	22.9	24.0	24.2	22.0	23.1	22.3	23.3	23.6
3H	22.8	23.8	23.1	24.1	24.4	22.0	23.0	22.3	23.2	23.5
4H	22.8	23.7	23.1	24.0	24.3	21.9	22.8	22.3	23.1	23.4
6H	22.7	23.5	23.1	23.8	24.2	21.9	22.6	22.3	23.0	23.3
8H	22.7	23.4	23.1	23.8	24.1	21.8	22.5	22.2	22.9	23.3
12H	22.7	23.3	23.1	23.7	24.1	21.8	22.4	22.2	22.8	23.2
8H 4H	22.7	23.4	23.1	23.7	24.1	21.8	22.6	22.2	22.9	23.3
6H	22.6	23.2	23.1	23.6	24.0	21.8	22.4	22.2	22.8	23.2
8H	22.6	23.1	23.1	23.5	24.0	21.7	22.2	22.2	22.7	23.1
12H	22.6	23.0	23.0	23.4	23.9	21.7	22.1	22.2	22.6	23.0
12H 4H	22.6	23.3	23.1	23.7	24.1	21.8	22.4	22.2	22.8	23.2
6H	22.6	23.1	23.0	23.5	24.0	21.7	22.2	22.2	22.7	23.1
8H	22.6	23.0	23.0	23.4	23.9	21.7	22.1	22.2	22.6	23.0

Variations with the observer position at spacings:

S = 1.0H	+ 0.7 / - 1.0	+ 1.0 / - 1.4
1.5H	+ 0.4 / - 0.8	+ 0.4 / - 0.5
2.0H	+ 1.5 / - 2.7	+ 1.8 / - 2.9

CIE Pub.117 Corrected 1305 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.9)

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