

LUMINAIRE PHOTOMETRIC TEST REPORT

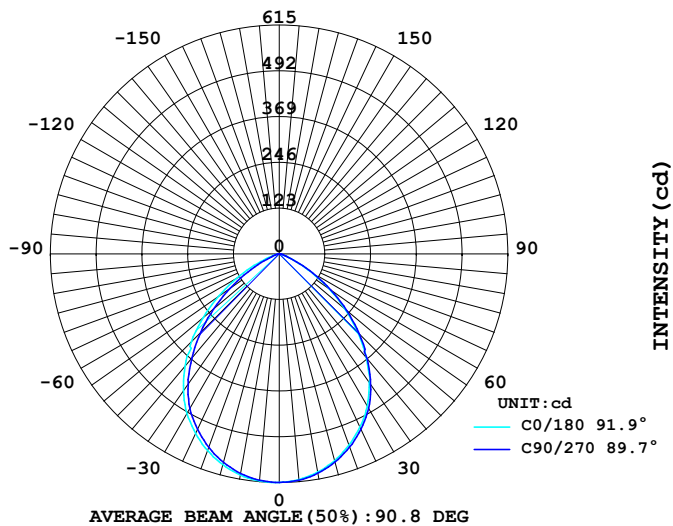
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Mila	TYPE: IL-DL17-N0123C-100	WEIGHT:
SPECIFICATION: Ra90 2700K	DIMENSION: ϕ 160*80	SERIAL No.:

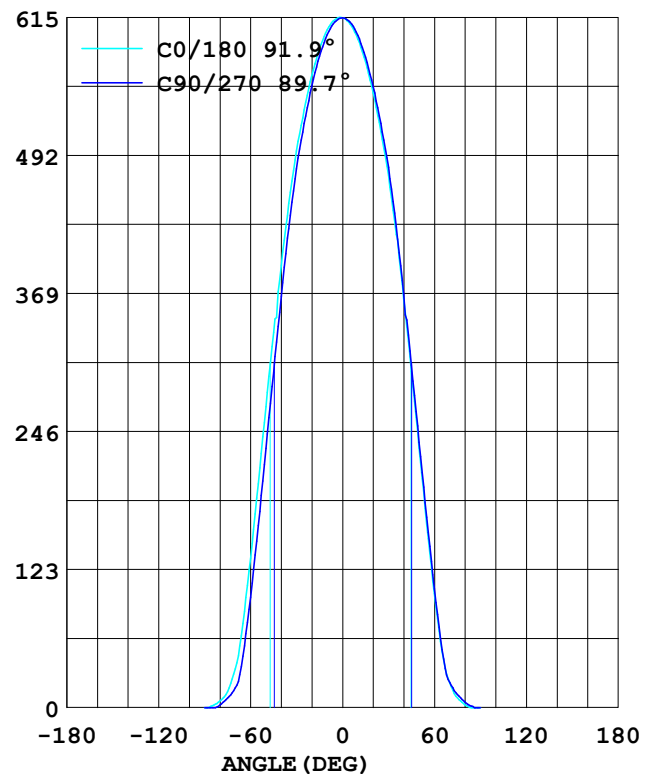
DATA OF LAMP		Imax (cd)	614.6	S/MH (C0/180)	1.20
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.17
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1194.0	Voltage (V)	225.6
RATED VOLTAGE (V)	226	EFFICIENCY (lm/W)	96.5	Current (A)	0.099
NOMINAL FLUX (lm)	1194.1	η up (%)	0.0	Power (W)	12.37
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.548
TEST VOLTAGE (V)	225.6	Effective Flux (lm)	1194.1	EEI	0.139

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



INTENSITY (cd)



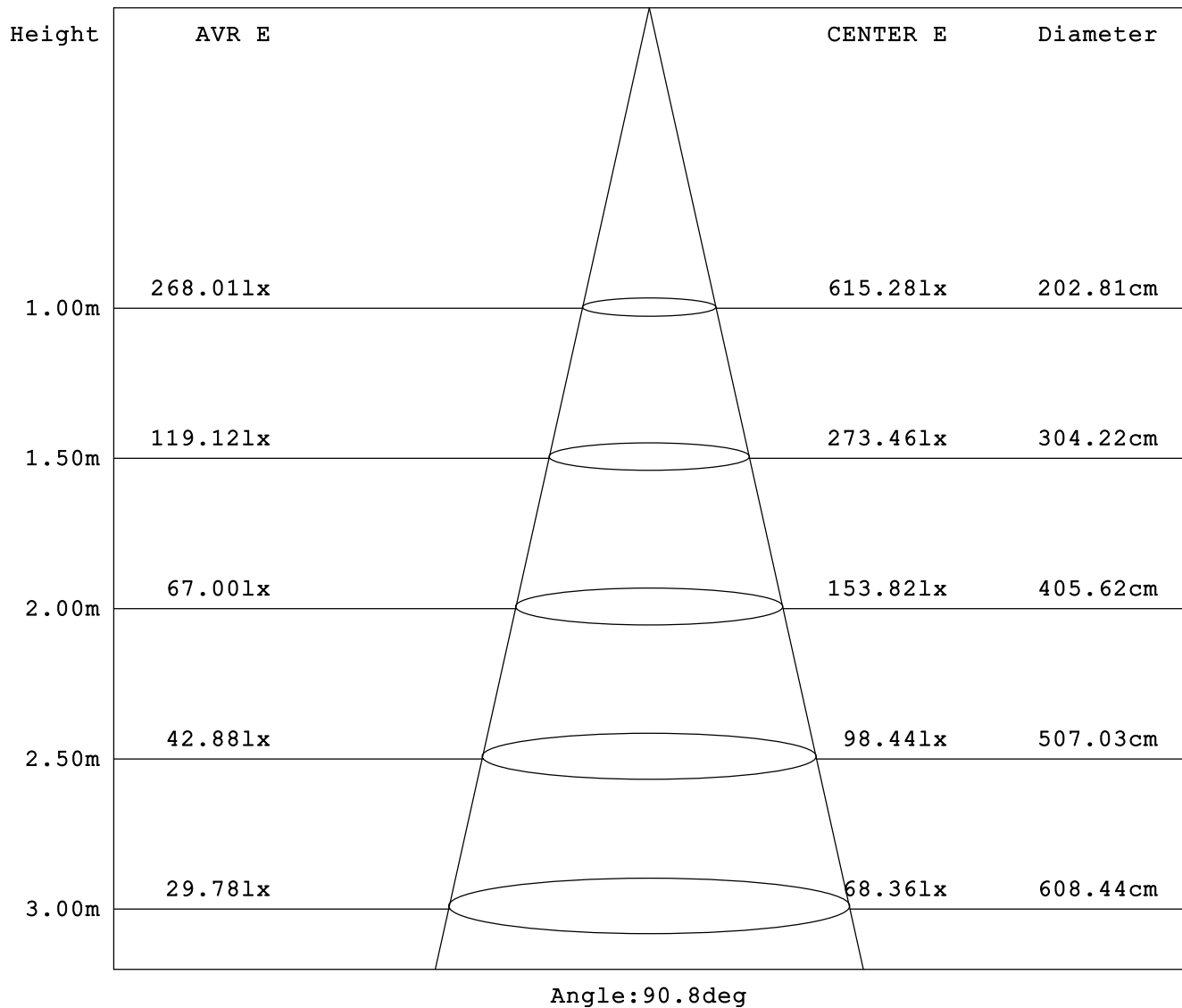
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2025-7-15

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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γ	C0	C90	C180	C270					γ	Zone	total
5.0	612.6	610.4	608.6	610.1					0- 5	14.63	14.63
10.0	603.2	599.0	595.0	598.6					5- 10	43.26	57.90
15.0	586.3	579.6	575.0	579.2					10- 15	69.94	127.8
20.0	562.9	553.1	547.2	552.7					15- 20	93.47	221.3
25.0	532.1	520.1	513.0	520.1					20- 25	112.7	334.1
30.0	495.5	479.7	473.6	480.9					25- 30	127.0	461.2
35.0	448.7	426.2	421.2	428.0					30- 35	134.6	595.8
40.0	393.9	366.1	363.7	368.5					35- 40	134.3	730.2
45.0	333.8	298.2	299.5	304.9					40- 45	125.9	856.2
50.0	267.8	230.8	230.9	236.3					45- 50	111.1	967.3
55.0	199.2	161.9	162.8	169.5					50- 55	90.00	1057
60.0	133.0	98.26	101.2	105.6					55- 60	65.04	1122
65.0	74.93	45.76	49.78	51.57					60- 65	39.58	1162
70.0	34.31	17.51	21.73	22.42					65- 70	18.61	1181
75.0	14.25	8.395	8.563	11.60					70- 75	8.727	1189
80.0	5.769	2.184	2.175	4.688					75- 80	3.705	1193
85.0	1.477	0	0	0.882					80- 85	0.958	1194
90.0	0	0	0	0					85- 90	0.061	1194
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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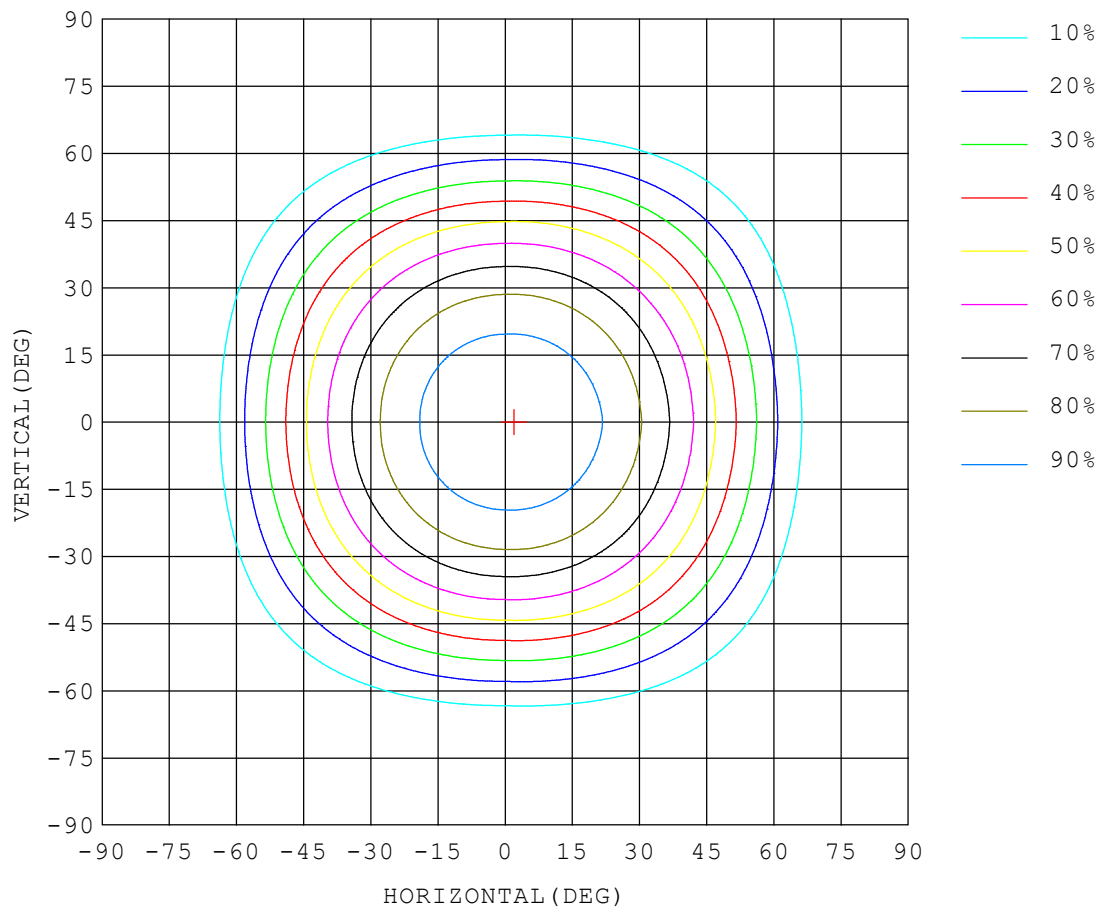
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ISOCANDELA DIAGRAM

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UNIT: cd



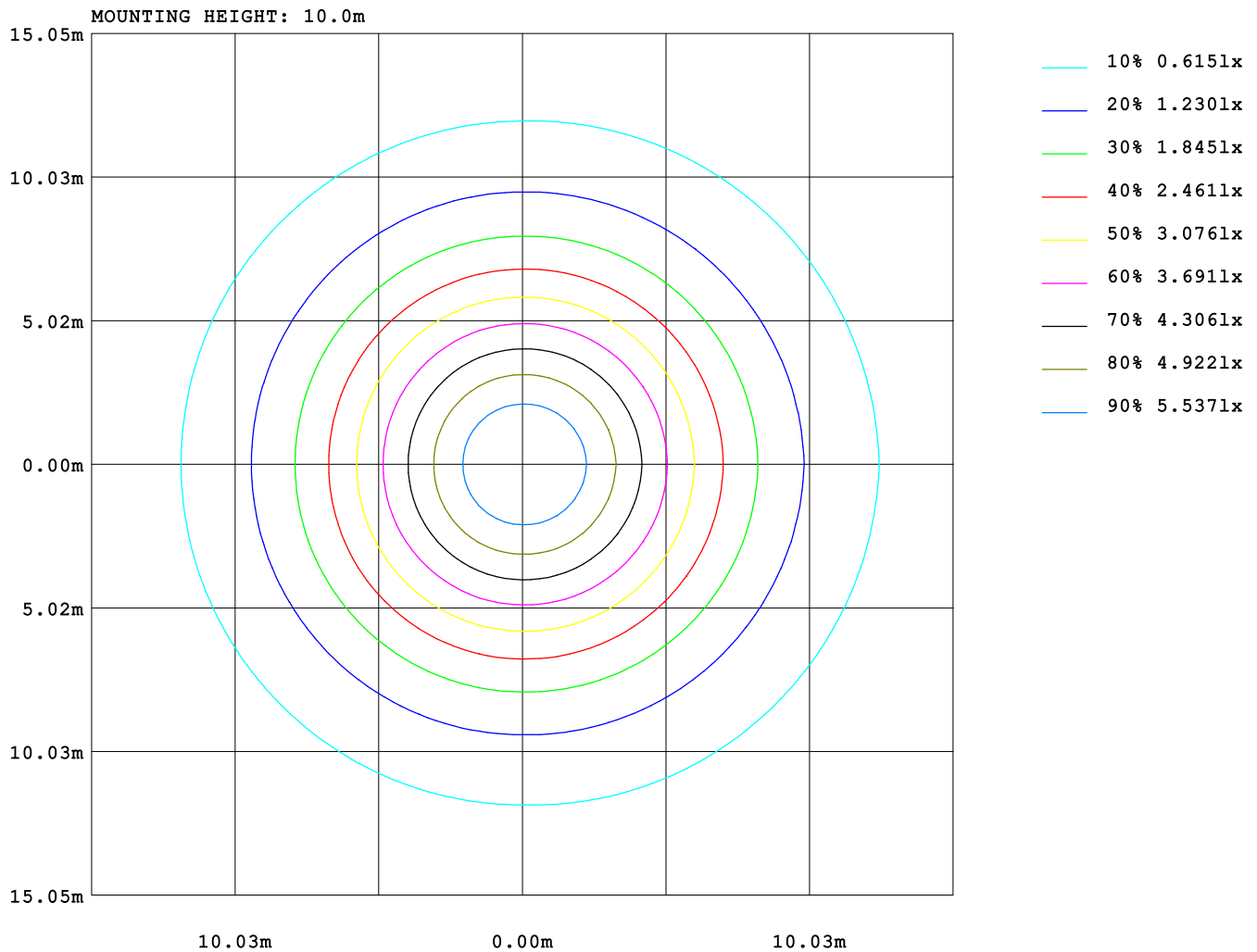
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ISOLUX DIAGRAM

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Uncorrected UGR Table

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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	22.3	23.6	22.5	23.8	24.0	21.5	22.8	21.8	23.0	23.2
3H	22.4	23.6	22.7	23.8	24.0	21.5	22.7	21.8	22.9	23.1
4H	22.4	23.5	22.7	23.7	24.0	21.4	22.6	21.7	22.8	23.1
6H	22.3	23.3	22.6	23.6	23.9	21.4	22.4	21.7	22.7	22.9
8H	22.2	23.3	22.6	23.5	23.8	21.3	22.3	21.6	22.6	22.9
12H	22.2	23.2	22.5	23.5	23.7	21.3	22.2	21.6	22.5	22.8
4H 2H	22.3	23.4	22.6	23.7	23.9	21.7	22.8	22.0	23.0	23.3
3H	22.5	23.5	22.8	23.7	24.0	21.7	22.6	22.0	22.9	23.2
4H	22.5	23.4	22.8	23.7	24.0	21.6	22.5	22.0	22.8	23.1
6H	22.4	23.2	22.8	23.5	23.9	21.5	22.3	21.9	22.7	23.0
8H	22.4	23.1	22.8	23.4	23.8	21.5	22.2	21.9	22.6	22.9
12H	22.3	23.0	22.8	23.4	23.8	21.5	22.1	21.9	22.5	22.9
8H 4H	22.4	23.1	22.8	23.4	23.8	21.5	22.2	21.9	22.6	23.0
6H	22.3	22.9	22.8	23.3	23.7	21.5	22.0	21.9	22.4	22.9
8H	22.3	22.8	22.7	23.2	23.7	21.4	21.9	21.9	22.3	22.8
12H	22.2	22.7	22.7	23.1	23.6	21.4	21.8	21.8	22.3	22.7
12H 4H	22.3	23.0	22.7	23.3	23.7	21.5	22.1	21.9	22.5	22.9
6H	22.3	22.8	22.7	23.2	23.6	21.4	21.9	21.9	22.3	22.8
8H	22.2	22.7	22.7	23.1	23.6	21.4	21.8	21.9	22.3	22.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 1.0					+ 0.9 / - 1.4				
1.5H	+ 0.5 / - 0.8					+ 0.5 / - 0.5				
2.0H	+ 1.6 / - 2.7					+ 1.9 / - 2.9				

CIE Pub.117 Corrected 1194 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.6)

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