

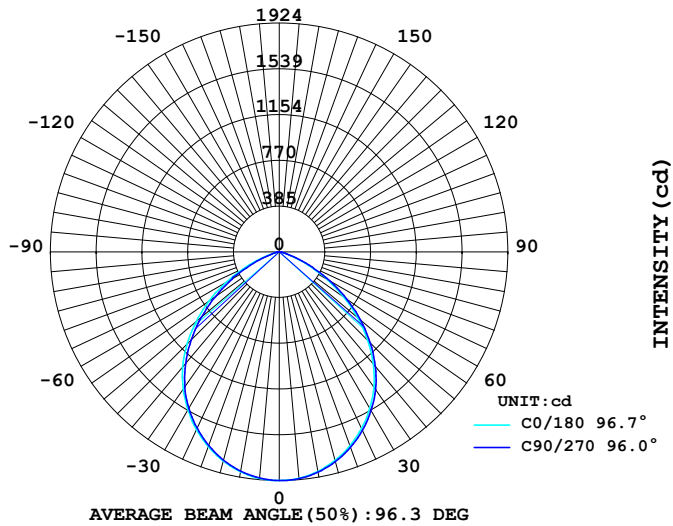
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

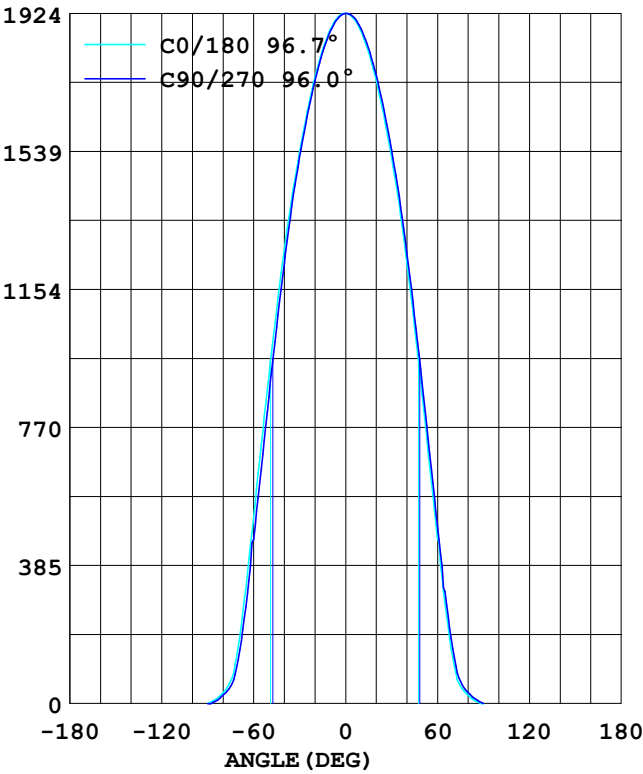
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Mila	TYPE: IL-DL17-N0303C-100	WEIGHT:
SPECIFICATION: Ra90 3000K	DIMENSION: \varnothing 230*95	SERIAL No.:

DATA OF LAMP		Imax(cd)	1924	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	4133.0	Voltage(V)	228.3
RATED VOLTAGE (V)	228	EFFICIENCY (lm/W)	134.8	Current(A)	0.139
NOMINAL FLUX(lm)	4133.0	η up (%)	0.0	Power(W)	30.65
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.964
TEST VOLTAGE (V)	228.4	Effective Flux(lm)	4133.0	EEI	0.101

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



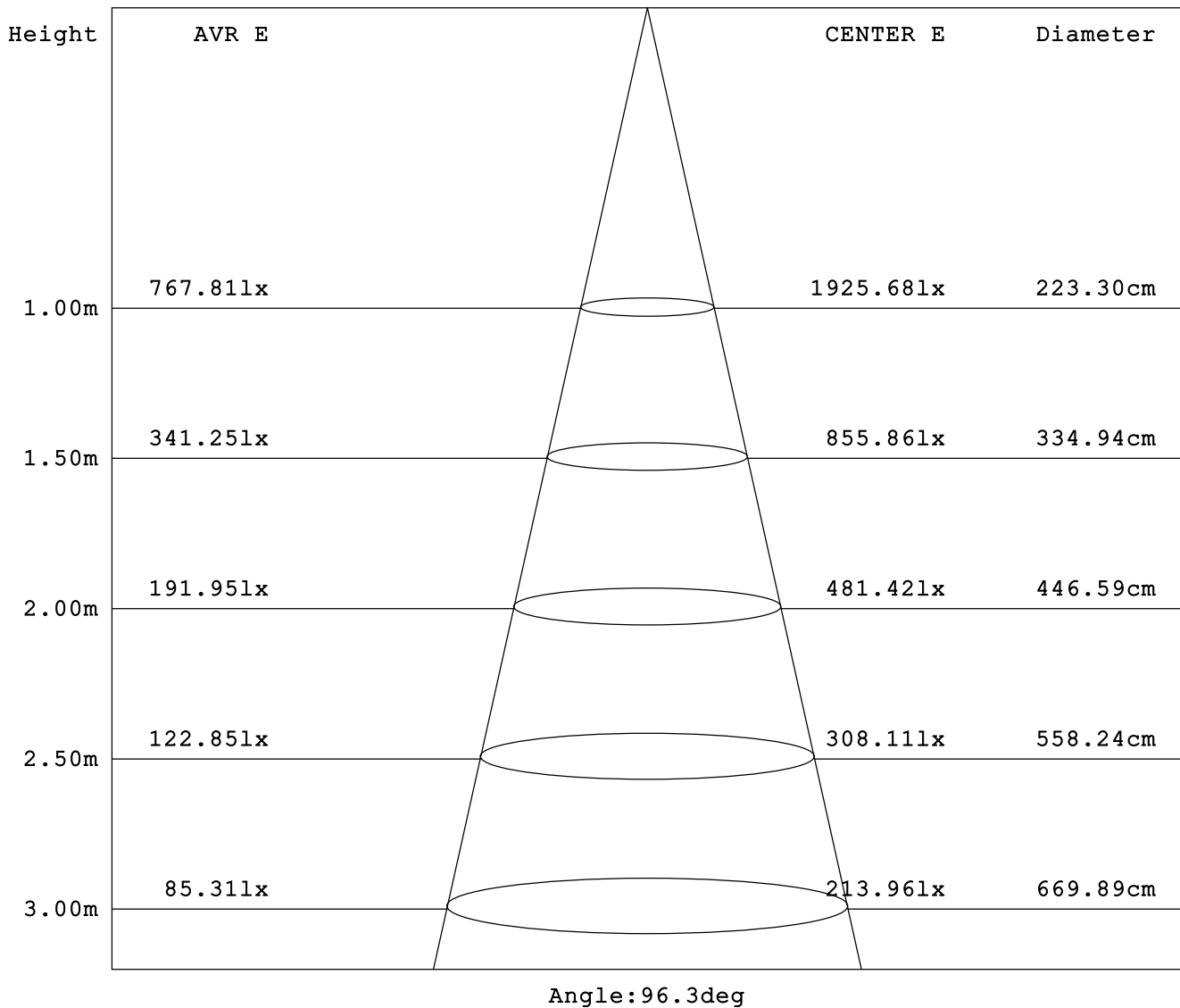
Test System:
 Temperature:25.3DEG
 Operators:
 Test Date:2025-07-15

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

AVERAGE AND CENTER E Figure

Report number:

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: Ra90 3000K	DIMENSION: \varnothing 230*95	SERIAL No.:

γ	C0	C90	C180	C270					γ	Zone	total
5.0	1913	1910	1911	1915					0- 5	45.85	45.85
10.0	1878	1872	1875	1882					5- 10	135.5	181.3
15.0	1821	1814	1815	1826					10- 15	219.2	400.6
20.0	1744	1735	1738	1752					15- 20	293.4	694.0
25.0	1650	1636	1639	1656					20- 25	355.1	1049
30.0	1536	1522	1523	1543					25- 30	401.9	1451
35.0	1408	1386	1392	1415					30- 35	431.8	1883
40.0	1266	1225	1232	1257					35- 40	441.3	2324
45.0	1097	1049	1052	1082					40- 45	428.7	2753
50.0	912.6	854.9	862.9	894.8					45- 50	394.1	3147
55.0	721.3	653.6	661.8	695.0					50- 55	339.7	3487
60.0	520.1	457.5	461.4	498.3					55- 60	269.0	3756
65.0	321.4	270.3	278.7	311.0					60- 65	189.1	3945
70.0	159.1	122.6	129.0	153.1					65- 70	108.5	4054
75.0	62.62	48.12	48.43	62.53					70- 75	46.96	4101
80.0	29.75	22.60	23.75	31.20					75- 80	20.93	4122
85.0	10.96	5.985	6.973	11.89					80- 85	9.244	4131
90.0	0.280	0	0	0.280					85- 90	2.124	4133
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
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 Test Date:2025-07-15

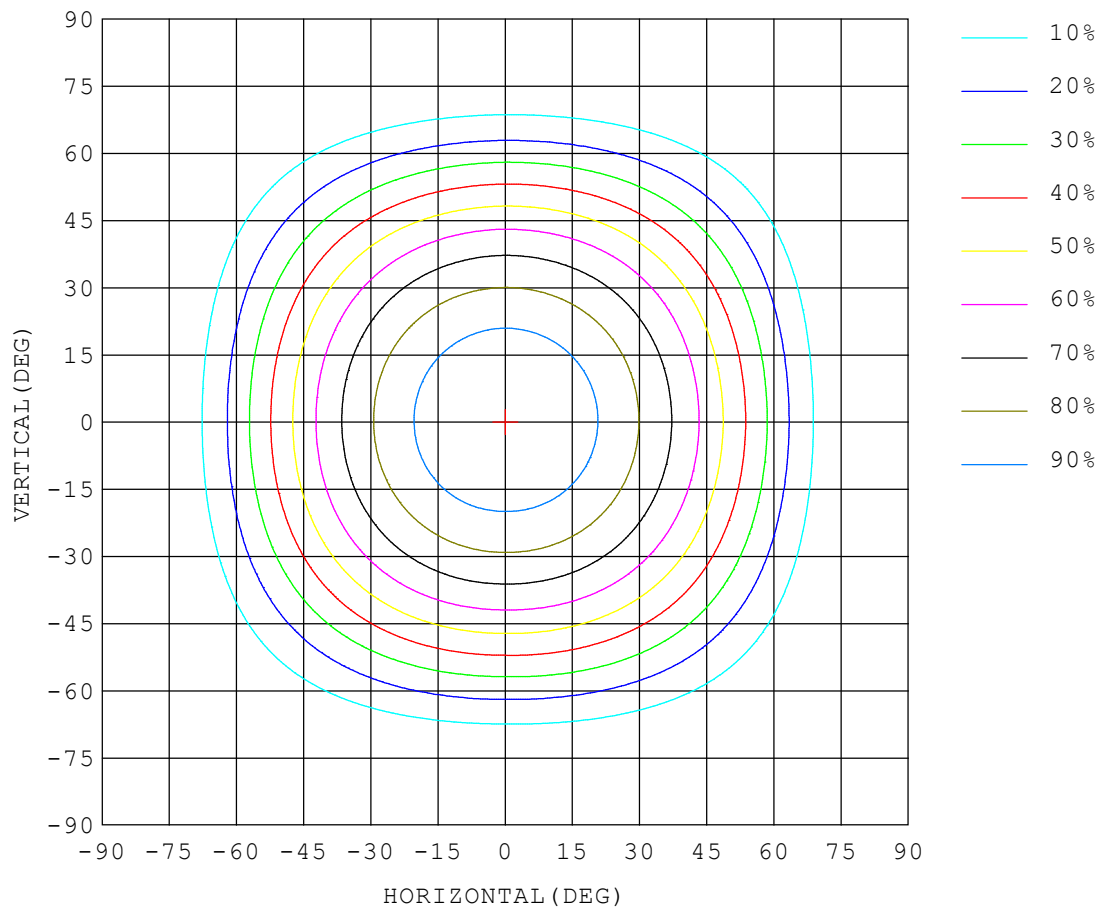
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ISOCANDELA DIAGRAM

Report number:

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NAME: Mila	TYPE: IL-DL17-N0303C-100	WEIGHT:
SPECIFICATION: Ra90 3000K	DIMENSION: \varnothing 230*95	SERIAL No.:

UNIT: cd



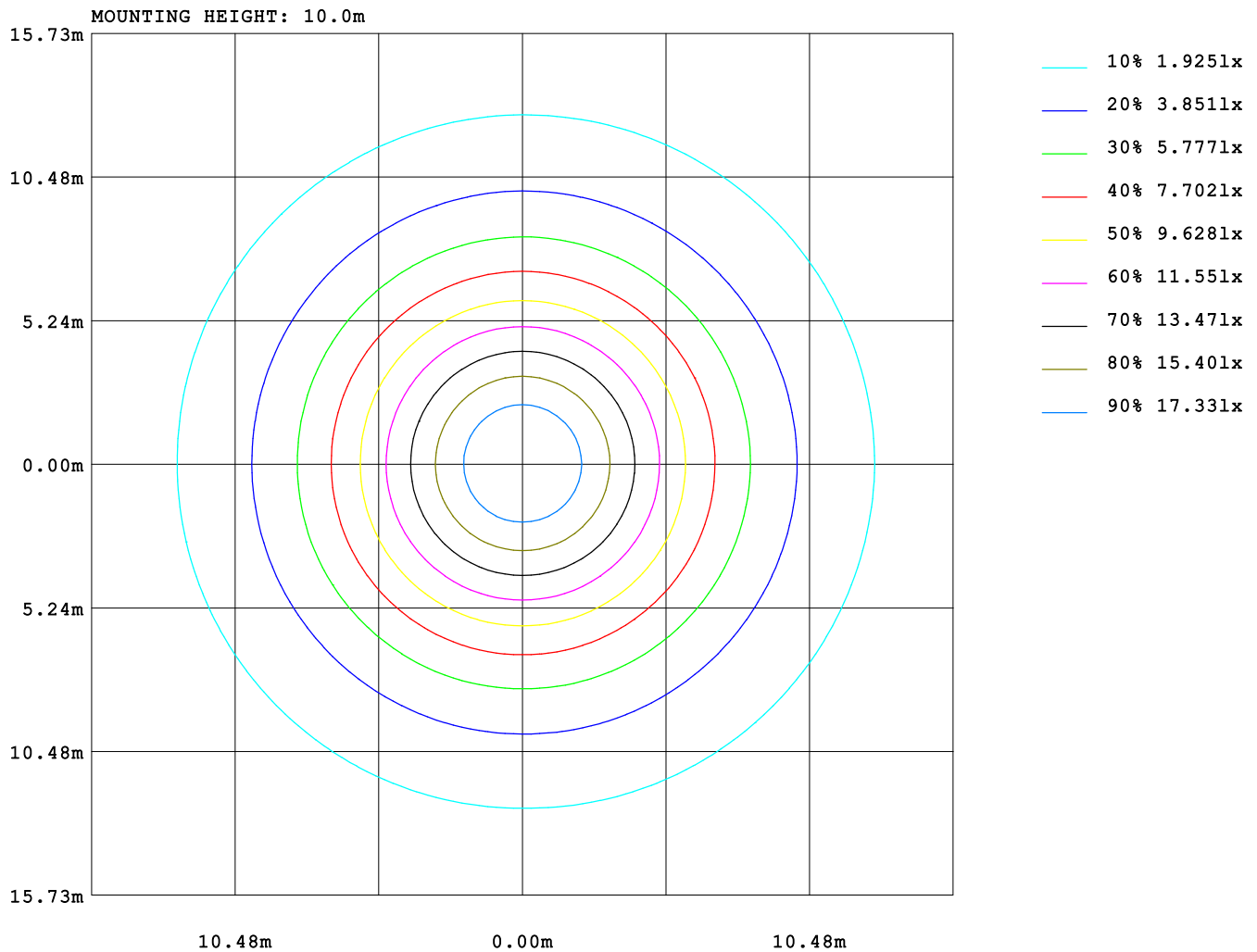
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Operators:
Test Date: 2025-07-15

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Remarks:

ISOLUX DIAGRAM

Report number:

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NAME: Mila	TYPE: IL-DL17-N0303C-100	WEIGHT:
SPECIFICATION: Ra90 3000K	DIMENSION: $\varnothing 230 \times 95$	SERIAL No.:



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2025-07-15

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Uncorrected UGR Table

Report number:

MANUFACTURER: ILUMEN GMBH	Address:			
NAME: Mila	TYPE: IL-DL17-N0303C-100		WEIGHT:	
SPECIFICATION: Ra90 3000K	DIMENSION: φ230*95		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	24.4	25.7	24.6	25.9	26.1	24.0	25.4	24.3	25.5	25.7
3H	24.7	26.0	25.0	26.2	26.4	24.2	25.5	24.5	25.7	25.9
4H	24.7	25.9	25.0	26.1	26.4	24.2	25.4	24.5	25.6	25.9
6H	24.6	25.7	24.9	26.0	26.3	24.1	25.2	24.5	25.5	25.8
8H	24.6	25.6	24.9	25.9	26.2	24.1	25.1	24.4	25.4	25.7
12H	24.5	25.6	24.9	25.8	26.1	24.0	25.1	24.4	25.3	25.6
4H 2H	24.6	25.7	24.9	26.0	26.2	24.3	25.4	24.6	25.7	25.9
3H	25.0	26.0	25.3	26.3	26.6	24.6	25.6	24.9	25.9	26.2
4H	25.0	25.9	25.3	26.2	26.5	24.5	25.5	24.9	25.8	26.1
6H	24.9	25.7	25.3	26.1	26.4	24.5	25.3	24.9	25.6	26.0
8H	24.9	25.6	25.3	26.0	26.4	24.4	25.2	24.9	25.6	25.9
12H	24.9	25.6	25.3	25.9	26.3	24.4	25.1	24.8	25.5	25.9
8H 4H	24.9	25.6	25.3	26.0	26.4	24.5	25.2	24.9	25.6	25.9
6H	24.9	25.5	25.3	25.9	26.3	24.4	25.0	24.9	25.4	25.9
8H	24.8	25.4	25.3	25.8	26.3	24.4	24.9	24.9	25.4	25.8
12H	24.8	25.3	25.3	25.7	26.2	24.4	24.8	24.8	25.3	25.7
12H 4H	24.8	25.5	25.3	25.9	26.3	24.4	25.1	24.8	25.5	25.9
6H	24.8	25.4	25.3	25.8	26.2	24.4	24.9	24.8	25.4	25.8
8H	24.8	25.3	25.3	25.7	26.2	24.4	24.8	24.8	25.3	25.8

Variations with the observer position at spacings:

S = 1.0H	+ 0.6 / - 0.6	+ 0.6 / - 0.8
1.5H	+ 0.3 / - 0.5	+ 0.3 / - 0.5
2.0H	+ 1.1 / - 1.4	+ 1.0 / - 1.5

CIE Pub.117 Corrected 4133 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.9)

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