

LUMINAIRE PHOTOMETRIC TEST REPORT

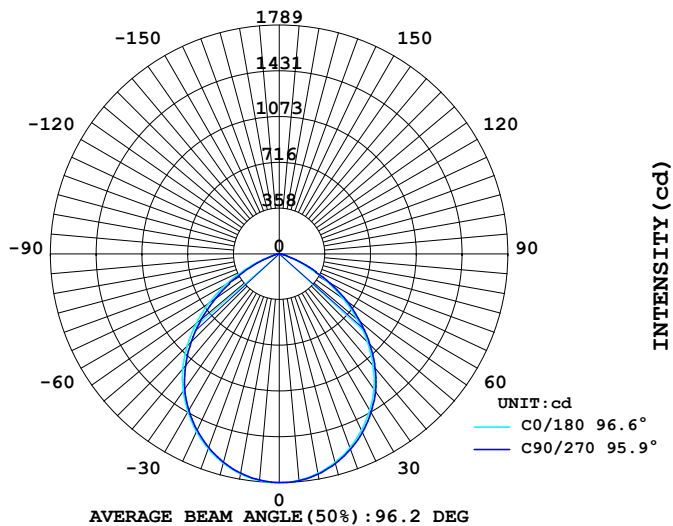
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Mila	TYPE: IL-DL17-N0303C-100	WEIGHT:
SPECIFICATION: Ra90 2700K	DIMENSION: \varnothing 230*95	SERIAL No.:

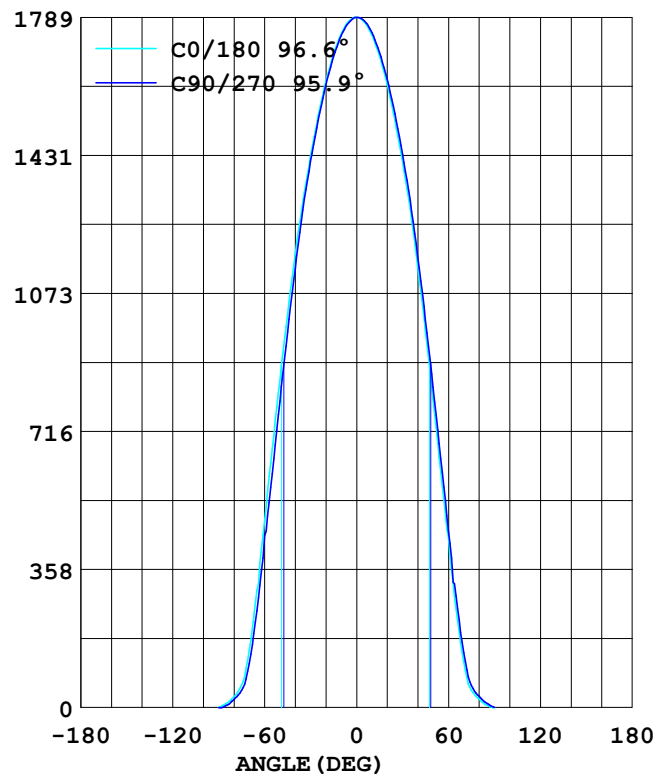
DATA OF LAMP		Imax (cd)	1789	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	3838.6	Voltage (V)	228.3
RATED VOLTAGE (V)	228	EFFICIENCY (lm/W)	118.4	Current (A)	0.146
NOMINAL FLUX (lm)	3838.6	η up (%)	0.0	Power (W)	32.41
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.966
TEST VOLTAGE (V)	228.4	Effective Flux (lm)	0.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



INTENSITY (cd)



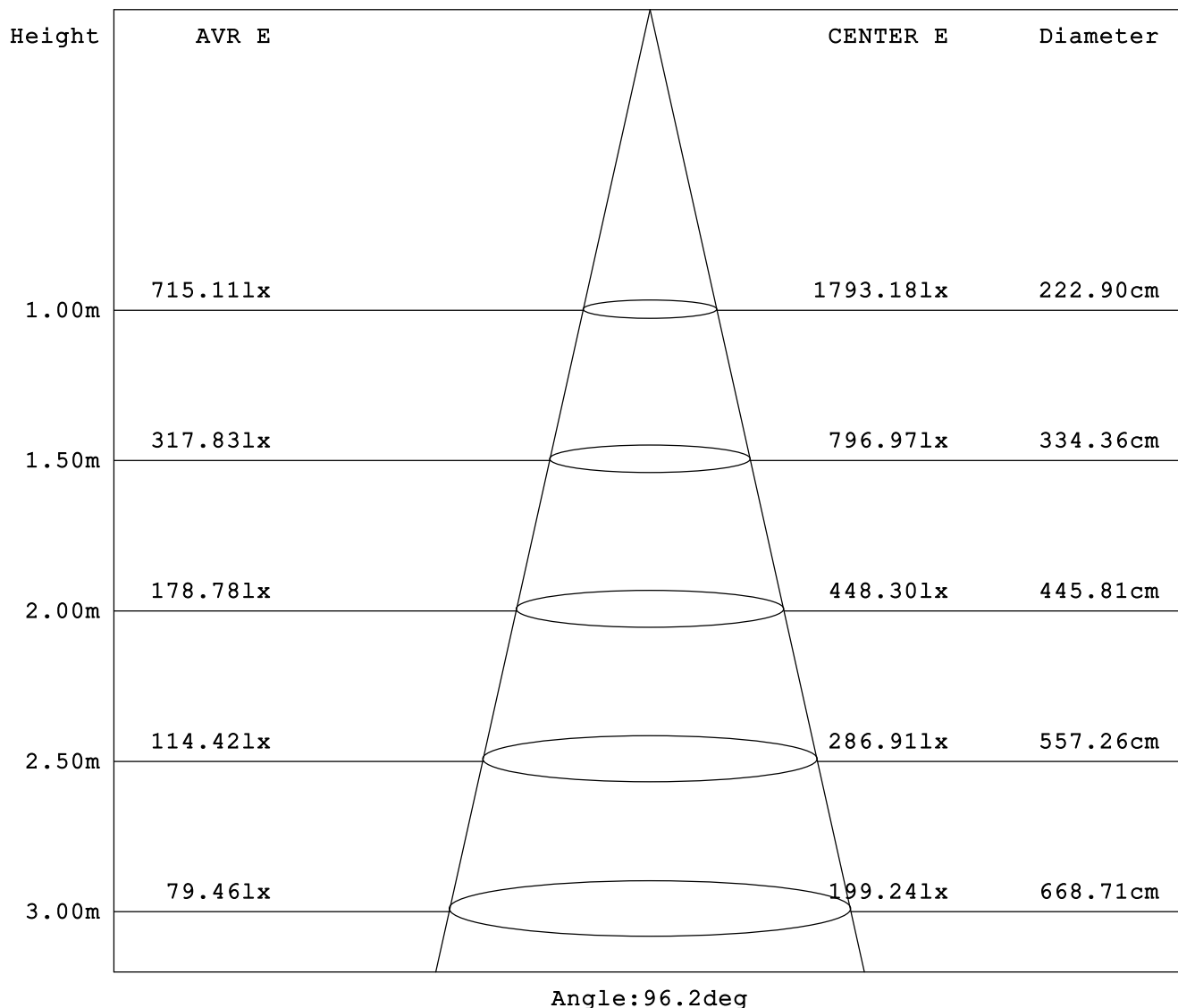
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025-07-15

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	1779	1776	1777	1780					0- 5	42.64	42.64
10.0	1746	1741	1743	1750					5- 10	126.0	168.6
15.0	1694	1687	1688	1698					10- 15	203.8	372.5
20.0	1622	1613	1615	1629					15- 20	272.8	645.3
25.0	1534	1521	1523	1540					20- 25	330.2	975.5
30.0	1429	1415	1415	1434					25- 30	373.5	1349
35.0	1309	1289	1293	1315					30- 35	401.2	1750
40.0	1177	1138	1143	1168					35- 40	410.1	2161
45.0	1021	973.9	975.7	1004					40- 45	398.1	2559
50.0	849.2	793.7	799.6	830.3					45- 50	365.9	2925
55.0	671.4	606.2	612.7	645.0					50- 55	315.4	3240
60.0	485.2	445.5	443.0	458.8					55- 60	250.1	3490
65.0	304.3	250.6	256.3	288.8					60- 65	174.1	3664
70.0	148.9	113.8	118.3	142.0					65- 70	100.7	3765
75.0	58.74	44.38	44.47	57.01					70- 75	43.56	3809
80.0	27.81	20.72	21.72	29.04					75- 80	19.38	3828
85.0	10.45	5.292	6.165	11.00					80- 85	8.528	3837
90.0	0.080	0	0	0.080					85- 90	1.928	3839
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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Operators:
Test Date:2025-07-15

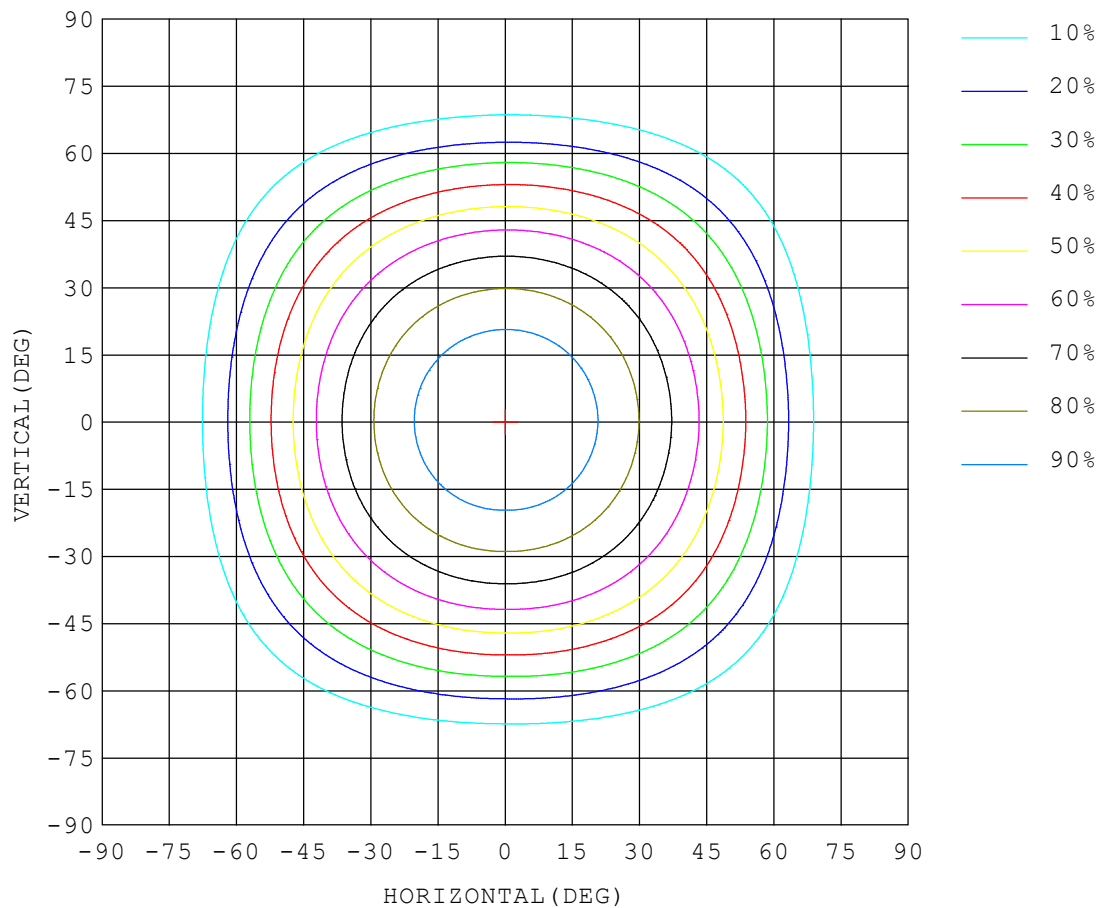
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ISOCANDELA DIAGRAM

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UNIT: cd



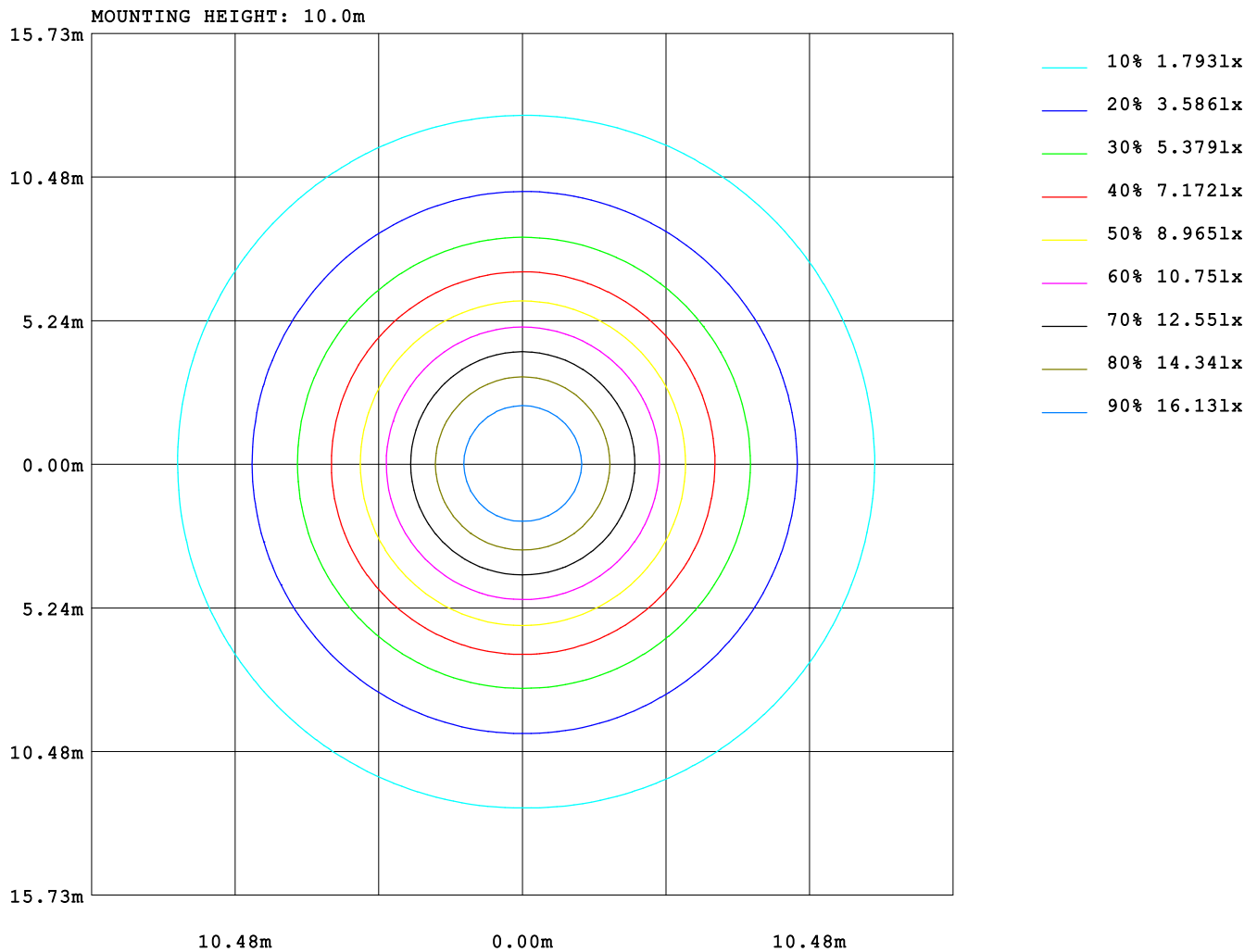
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ISOLUX DIAGRAM

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Uncorrected UGR Table

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SPECIFICATION: Ra90 2700K	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	24.1	25.5	24.4	25.7	25.9	23.7	25.1	24.0	25.3	25.5
3H	24.5	25.7	24.8	25.9	26.2	24.0	25.2	24.3	25.5	25.7
4H	24.4	25.6	24.7	25.9	26.1	23.9	25.1	24.2	25.4	25.6
6H	24.4	25.5	24.7	25.7	26.0	23.9	25.0	24.2	25.2	25.5
8H	24.3	25.4	24.7	25.7	26.0	23.8	24.9	24.2	25.2	25.4
12H	24.3	25.3	24.6	25.6	25.9	23.8	24.8	24.1	25.1	25.4
4H 2H	24.3	25.5	24.6	25.7	26.0	24.0	25.2	24.3	25.4	25.6
3H	24.7	25.7	25.1	26.0	26.3	24.3	25.3	24.6	25.6	25.9
4H	24.7	25.6	25.1	25.9	26.3	24.3	25.2	24.6	25.5	25.8
6H	24.7	25.5	25.1	25.8	26.2	24.2	25.0	24.6	25.4	25.7
8H	24.7	25.4	25.1	25.8	26.1	24.2	24.9	24.6	25.3	25.7
12H	24.6	25.3	25.0	25.7	26.1	24.1	24.8	24.6	25.2	25.6
8H 4H	24.6	25.4	25.0	25.7	26.1	24.2	24.9	24.6	25.3	25.7
6H	24.6	25.2	25.1	25.6	26.0	24.2	24.8	24.6	25.2	25.6
8H	24.6	25.1	25.1	25.6	26.0	24.1	24.7	24.6	25.1	25.5
12H	24.6	25.0	25.1	25.5	26.0	24.1	24.6	24.6	25.0	25.5
12H 4H	24.6	25.3	25.0	25.7	26.0	24.1	24.8	24.6	25.2	25.6
6H	24.6	25.1	25.0	25.5	26.0	24.1	24.7	24.6	25.1	25.5
8H	24.6	25.0	25.0	25.5	25.9	24.1	24.6	24.6	25.0	25.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 0.7 / - 0.9				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.5				
2.0H	+ 1.1 / - 1.8					+ 1.1 / - 1.7				

CIE Pub.117 Corrected 3839 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.7)

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