

LUMINAIRE PHOTOMETRIC TEST REPORT

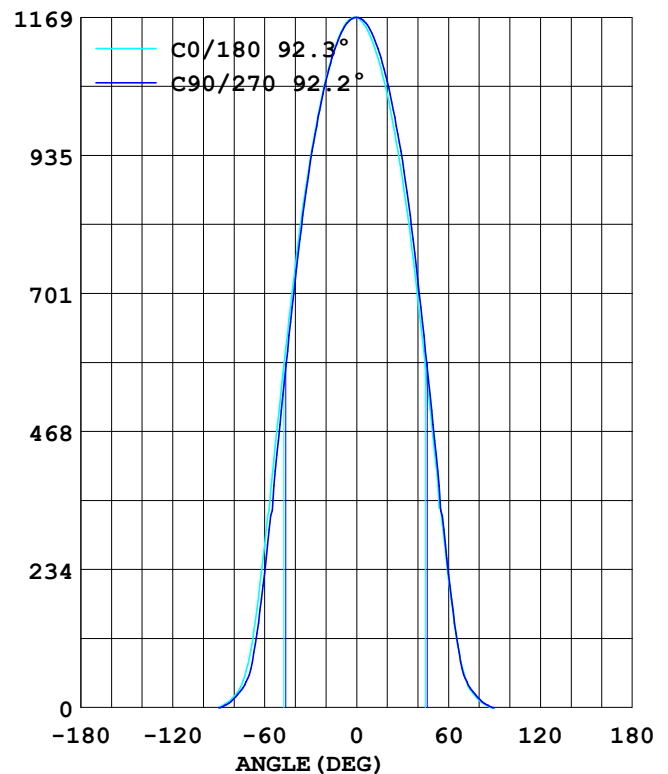
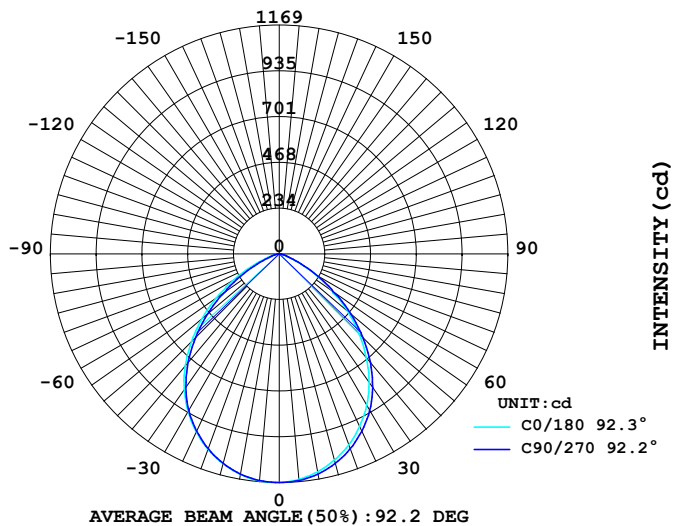
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Mila	TYPE: IL-DL17-N0203C-100	WEIGHT:
SPECIFICATION: Ra90 2700K	DIMENSION: ϕ 190*90	SERIAL No.:

DATA OF LAMP		Imax(cd)	1169	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	2397.1	Voltage(V)	235.0
RATED VOLTAGE (V)	236	EFFICIENCY (lm/W)	120.4	Current(A)	0.088
NOMINAL FLUX(lm)	2397.1	η up (%)	0.0	Power(W)	19.91
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.954
TEST VOLTAGE (V)	235.0	Effective Flux(lm)	0.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION

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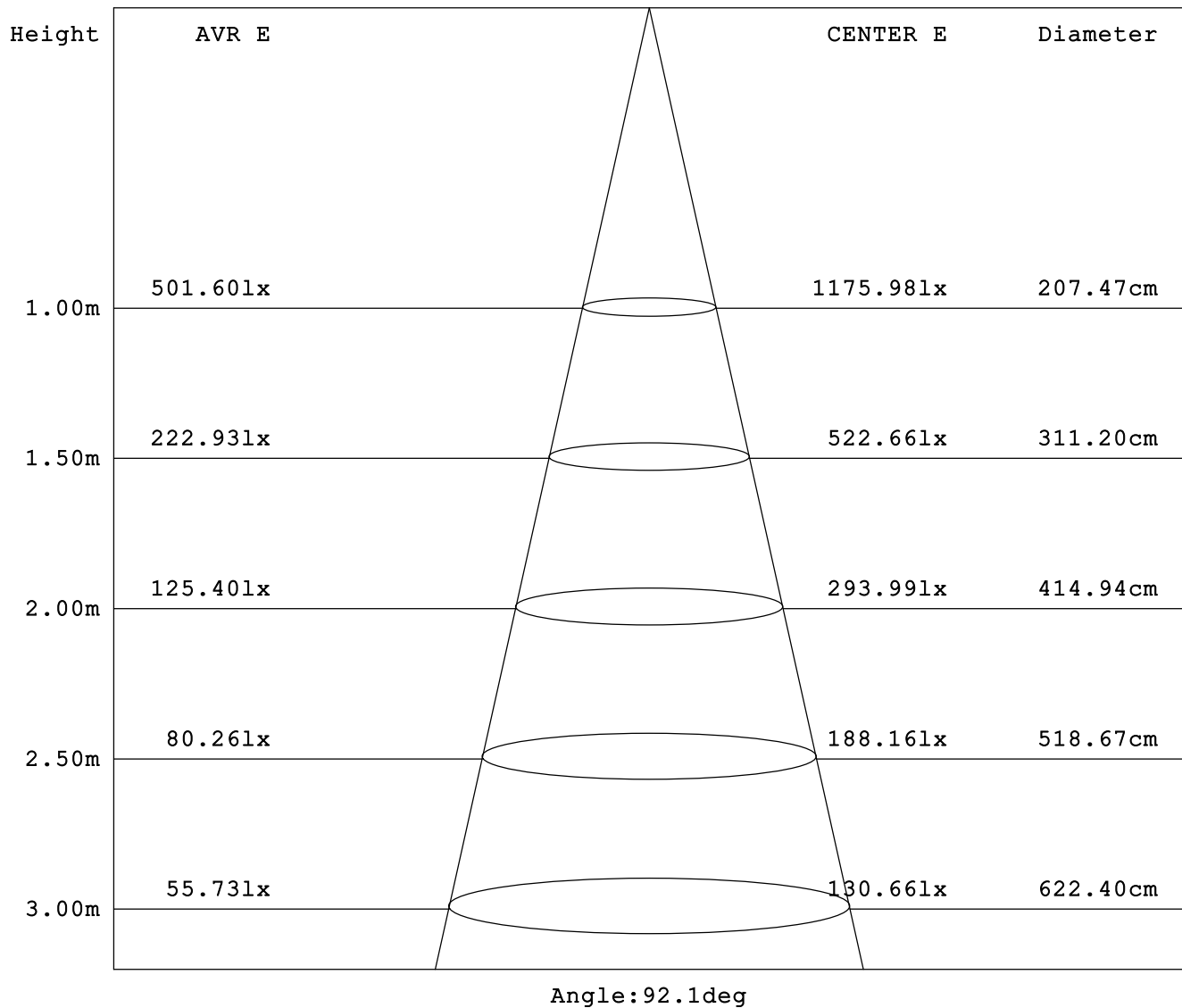
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025-07-13

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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MANUFACTURER: ILUMEN GMBH	Address:	
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1164	1164	1162	1159	1157	1159	1162	1164	0- 5	27.85	27.85
10.0	1144	1145	1142	1136	1131	1136	1142	1145	5- 10	82.33	110.1
15.0	1110	1111	1108	1098	1091	1098	1108	1111	10- 15	133.1	243.3
20.0	1064	1065	1061	1047	1039	1047	1061	1065	15- 20	178.1	421.4
25.0	1005	1006	999.5	984.8	972.4	984.8	999.5	1006	20- 25	215.0	636.5
30.0	931.6	933.1	925.2	907.5	893.3	907.5	925.2	933.1	25- 30	242.3	878.8
35.0	847.5	848.8	833.9	819.4	802.1	819.4	833.9	848.8	30- 35	258.0	1137
40.0	747.9	753.6	725.1	719.2	694.0	719.2	725.1	753.6	35- 40	260.5	1397
45.0	634.7	640.4	603.8	606.3	576.7	606.3	603.8	640.4	40- 45	248.7	1646
50.0	517.5	521.0	479.0	487.9	456.8	487.9	479.0	521.0	45- 50	223.8	1870
55.0	393.9	404.1	333.7	371.9	335.9	371.9	333.7	404.1	50- 55	187.9	2058
60.0	275.1	285.1	227.6	254.3	218.6	254.3	227.6	285.1	55- 60	143.9	2202
65.0	166.6	176.3	125.6	148.1	122.7	148.1	125.6	176.3	60- 65	97.10	2299
70.0	82.76	91.65	55.21	68.71	59.13	68.71	55.21	91.65	65- 70	54.25	2353
75.0	38.34	35.93	30.04	27.37	27.29	27.37	30.04	35.93	70- 75	25.57	2379
80.0	18.76	16.95	15.06	13.92	12.33	13.92	15.06	16.95	75- 80	12.12	2391
85.0	7.334	5.572	4.774	3.592	3.595	3.592	4.774	5.572	80- 85	5.175	2396
90.0	0.080	0	0	0	0	0	0	0	85- 90	0.915	2397
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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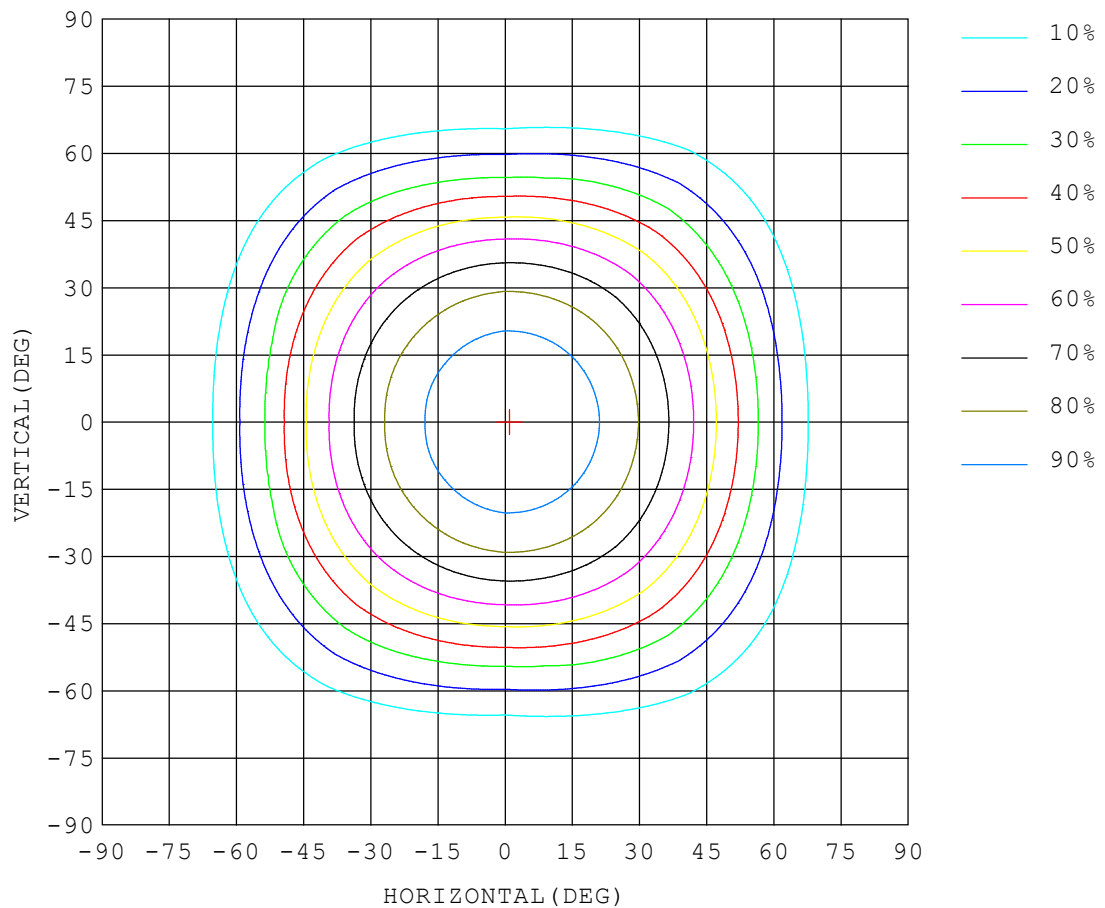
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Remarks:

ISOCANDELA DIAGRAM

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SPECIFICATION: Ra90 2700K	DIMENSION: \varnothing 190*90	SERIAL No.:

UNIT: cd



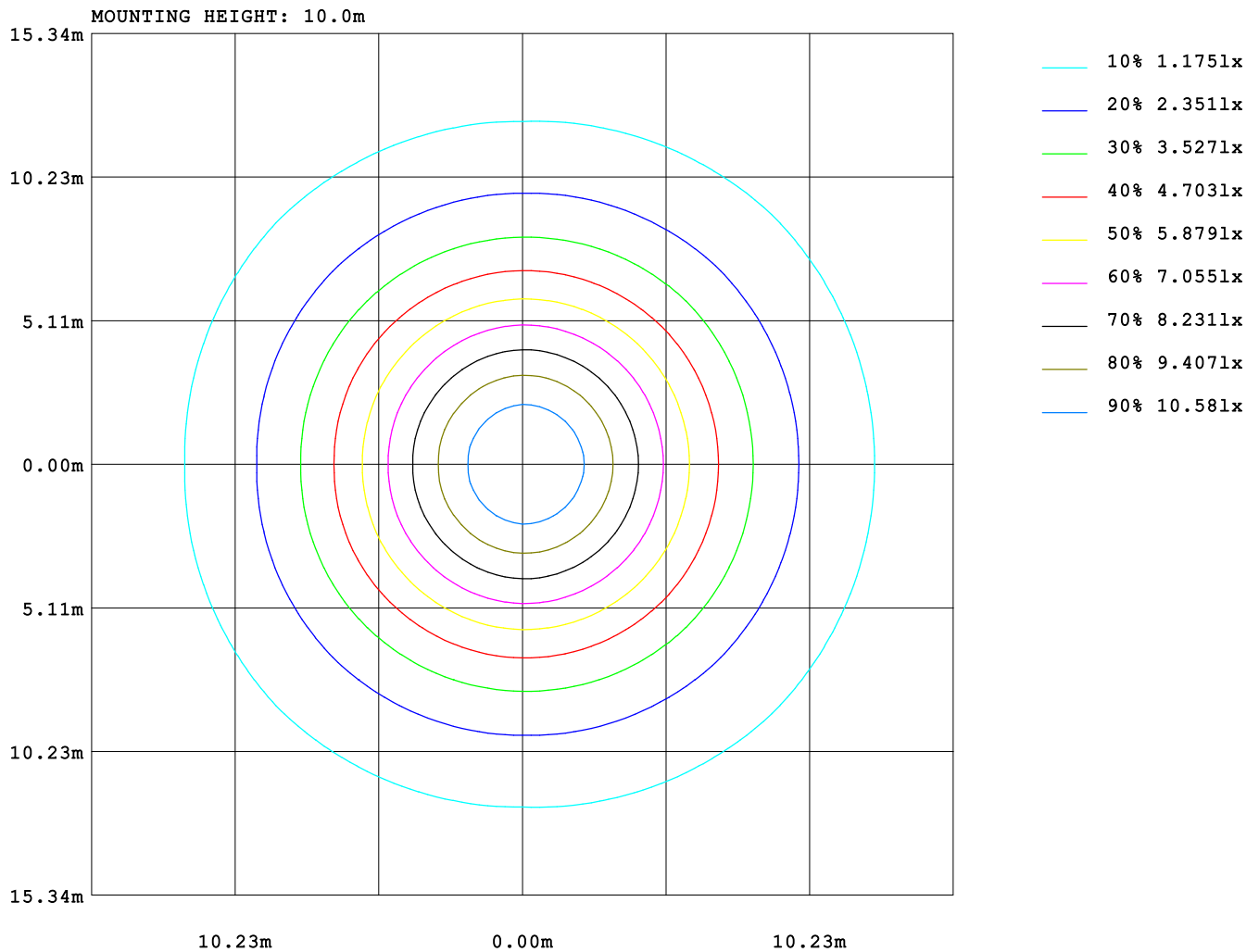
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ISOLUX DIAGRAM

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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	23.7	25.0	23.9	25.2	25.4	23.2	24.5	23.5	24.7	24.9
3H	24.0	25.2	24.3	25.4	25.7	23.4	24.6	23.7	24.8	25.0
4H	24.0	25.1	24.3	25.4	25.6	23.3	24.5	23.6	24.7	25.0
6H	23.9	25.0	24.2	25.3	25.5	23.3	24.4	23.6	24.6	24.9
8H	23.9	24.9	24.2	25.2	25.5	23.2	24.3	23.6	24.6	24.8
12H	23.9	24.9	24.2	25.1	25.4	23.2	24.2	23.5	24.5	24.8
4H 2H	23.9	25.1	24.2	25.3	25.5	23.5	24.7	23.8	24.9	25.1
3H	24.3	25.3	24.6	25.6	25.9	23.7	24.7	24.1	25.0	25.3
4H	24.3	25.2	24.7	25.5	25.8	23.7	24.6	24.1	24.9	25.3
6H	24.3	25.1	24.7	25.4	25.8	23.7	24.5	24.1	24.8	25.2
8H	24.2	25.0	24.7	25.3	25.7	23.7	24.4	24.1	24.8	25.1
12H	24.2	24.9	24.6	25.3	25.7	23.6	24.3	24.1	24.7	25.1
8H 4H	24.2	25.0	24.6	25.3	25.7	23.7	24.4	24.1	24.8	25.1
6H	24.2	24.8	24.7	25.2	25.6	23.7	24.3	24.1	24.7	25.1
8H	24.2	24.7	24.7	25.2	25.6	23.6	24.2	24.1	24.6	25.0
12H	24.2	24.6	24.7	25.1	25.6	23.6	24.1	24.1	24.5	25.0
12H 4H	24.2	24.9	24.6	25.2	25.6	23.6	24.3	24.1	24.7	25.1
6H	24.2	24.7	24.6	25.1	25.6	23.6	24.2	24.1	24.6	25.0
8H	24.2	24.6	24.7	25.1	25.5	23.6	24.1	24.1	24.5	25.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.9					+ 0.7 / - 1.0				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 1.1 / - 1.5					+ 1.2 / - 1.8				

CIE Pub.117 Corrected 2397 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.0)

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