

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1268017

Luminaire Tested: P3A17R709735DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268017
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R709735DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

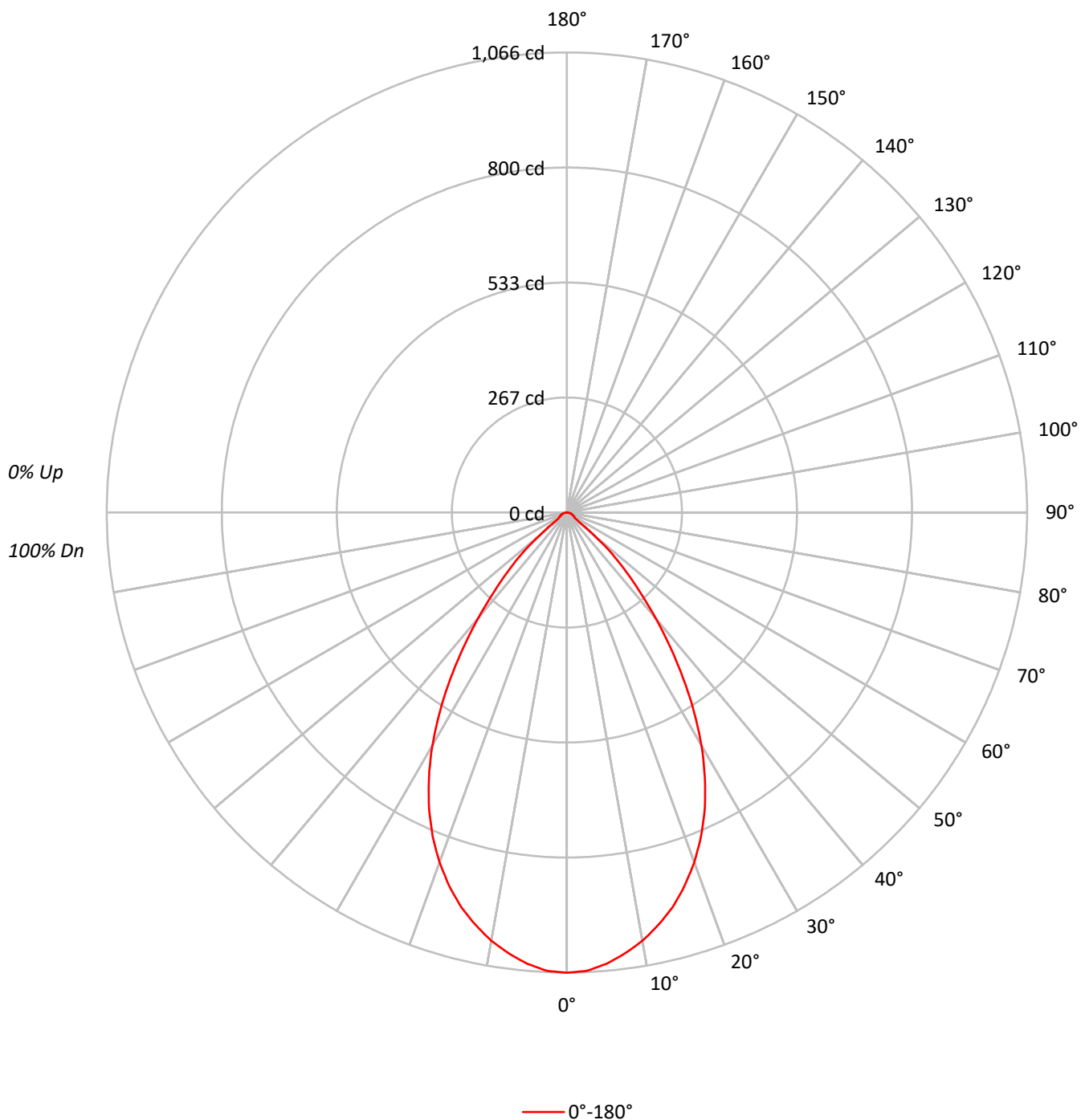
Lumens per Lamp: N/A
Luminaire Lumens: 1208.0 lumens
Efficiency: N/A
Efficacy: 57.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1268017

CATALOG NUMBER: P3A17R709735DE010 E3DL1MW

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233863
5°	231058
10°	224378
15°	214871
20°	201267
25°	182865
30°	157948
35°	125896
40°	91686
45°	60254
50°	28246
55°	8717
60°	8420
65°	8094
70°	7694
75°	8133
80°	7577
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 60254 cd/sqm

TEST NUMBER: P1268017

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.8	8.2
10°-20°	264.9	21.9
20°-30°	344.3	28.5
30°-40°	292.1	24.2
40°-50°	150.6	12.5
50°-60°	29.0	2.4
60°-70°	15.7	1.3
70°-80°	9.7	0.8
80°-90°	2.8	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	708.0	58.6
0°-40°	1000.2	82.8
0°-60°	1179.9	97.7
0°-90°	1208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1208.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1066	
5°	1050	99
15°	946	265
25°	756	344
35°	470	292
45°	194	151
55°	23	29
65°	16	16
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1066.5
2.5°	1062.9
5°	1049.7
7.5°	1030.5
10°	1007.7
12.5°	978.9
15°	946.5
17.5°	906.9
20°	862.5
22.5°	812.2
25°	755.8
27.5°	692.2
30°	623.8
32.5°	548.2
35°	470.3
37.5°	393.5
40°	320.3
42.5°	251.9
45°	194.3
47.5°	142.8
50°	82.8
52.5°	36.0
55°	22.8
57.5°	21.6
60°	19.2
62.5°	18.0
65°	15.6
67.5°	14.4
70°	12.0
72.5°	10.8
75°	9.6
77.5°	7.2
80°	6.0
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)