

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: P1274288

Luminaire Tested: P3A17R159830DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274288
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159830DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

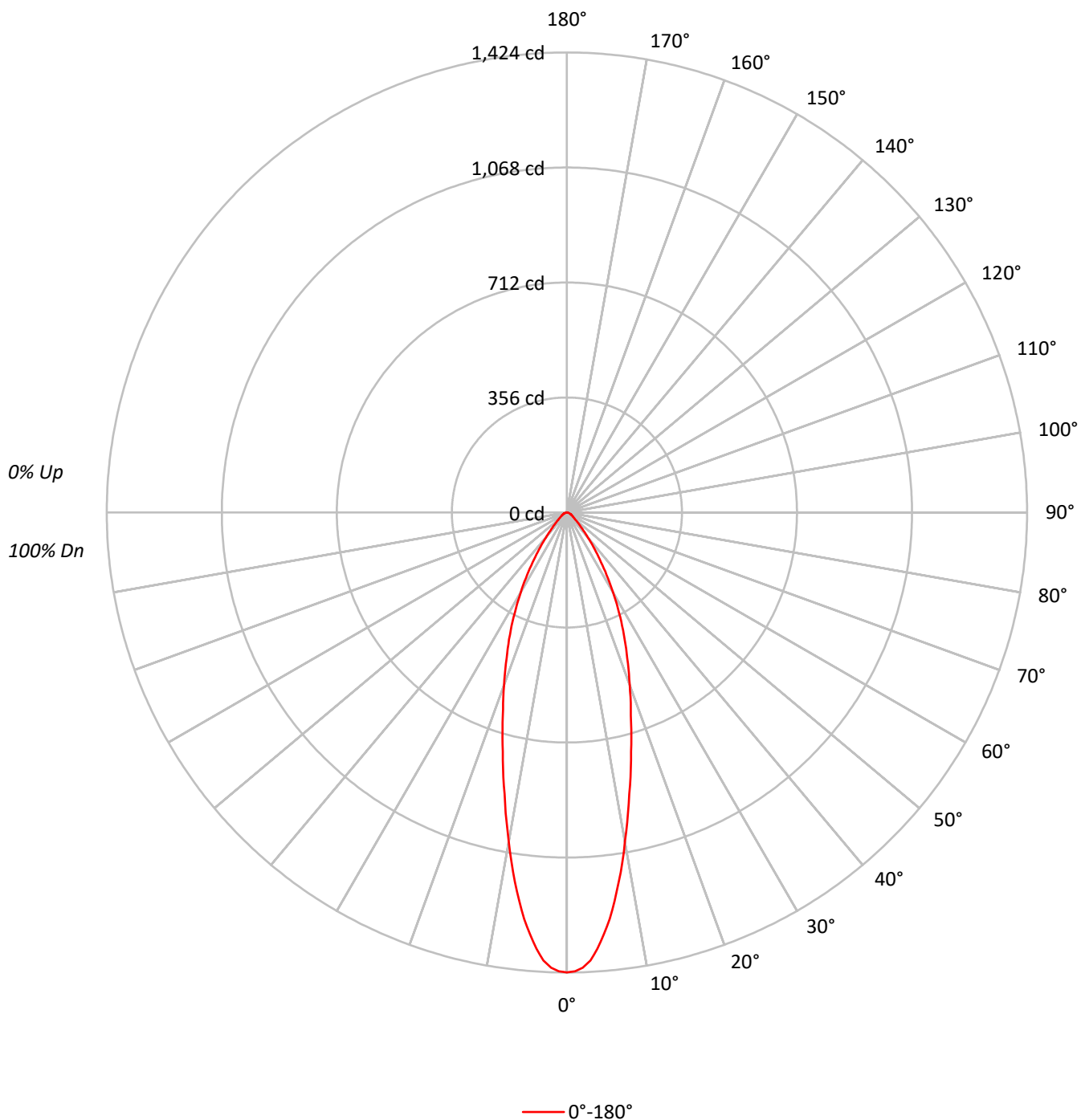
Lumens per Lamp: N/A
Luminaire Lumens: 724.0 lumens
Efficiency: N/A
Efficacy: 35.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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

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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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	312212
5°	288553
10°	230368
15°	174031
20°	132522
25°	100990
30°	72340
35°	47221
40°	28940
45°	17490
50°	11633
55°	8984
60°	7719
65°	6693
70°	6027
75°	6015
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17490 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.1	16.0
10°-20°	214.3	29.6
20°-30°	190.8	26.3
30°-40°	112.9	15.6
40°-50°	46.3	6.4
50°-60°	21.7	3.0
60°-70°	13.2	1.8
70°-80°	7.0	1.0
80°-90°	1.8	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°	521.1	72.0
0°-40°	634.0	87.6
0°-60°	702.0	97.0
0°-90°	724.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	724.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1424	
5°	1311	116
15°	767	214
25°	417	191
35°	176	113
45°	56	46
55°	24	22
65°	13	13
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1423.8
1°	1420.2
2°	1409.7
3°	1388.5
4°	1353.2
5°	1310.9
6°	1265.0
7°	1211.0
8°	1154.5
9°	1096.9
10°	1034.6
12.5°	892.4
15°	766.6
17.5°	658.4
20°	567.9
22.5°	487.9
25°	417.4
27.5°	349.2
30°	285.7
32.5°	228.1
35°	176.4
37.5°	135.2
40°	101.1
42.5°	75.2
45°	56.4
47.5°	43.5
50°	34.1
52.5°	28.2
55°	23.5
57.5°	20.0
60°	17.6
62.5°	15.3
65°	12.9
67.5°	11.8
70°	9.4
72.5°	8.2
75°	7.1
77.5°	4.7
80°	3.5
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)