

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: P1274308

Luminaire Tested: P3A17R209830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274308
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

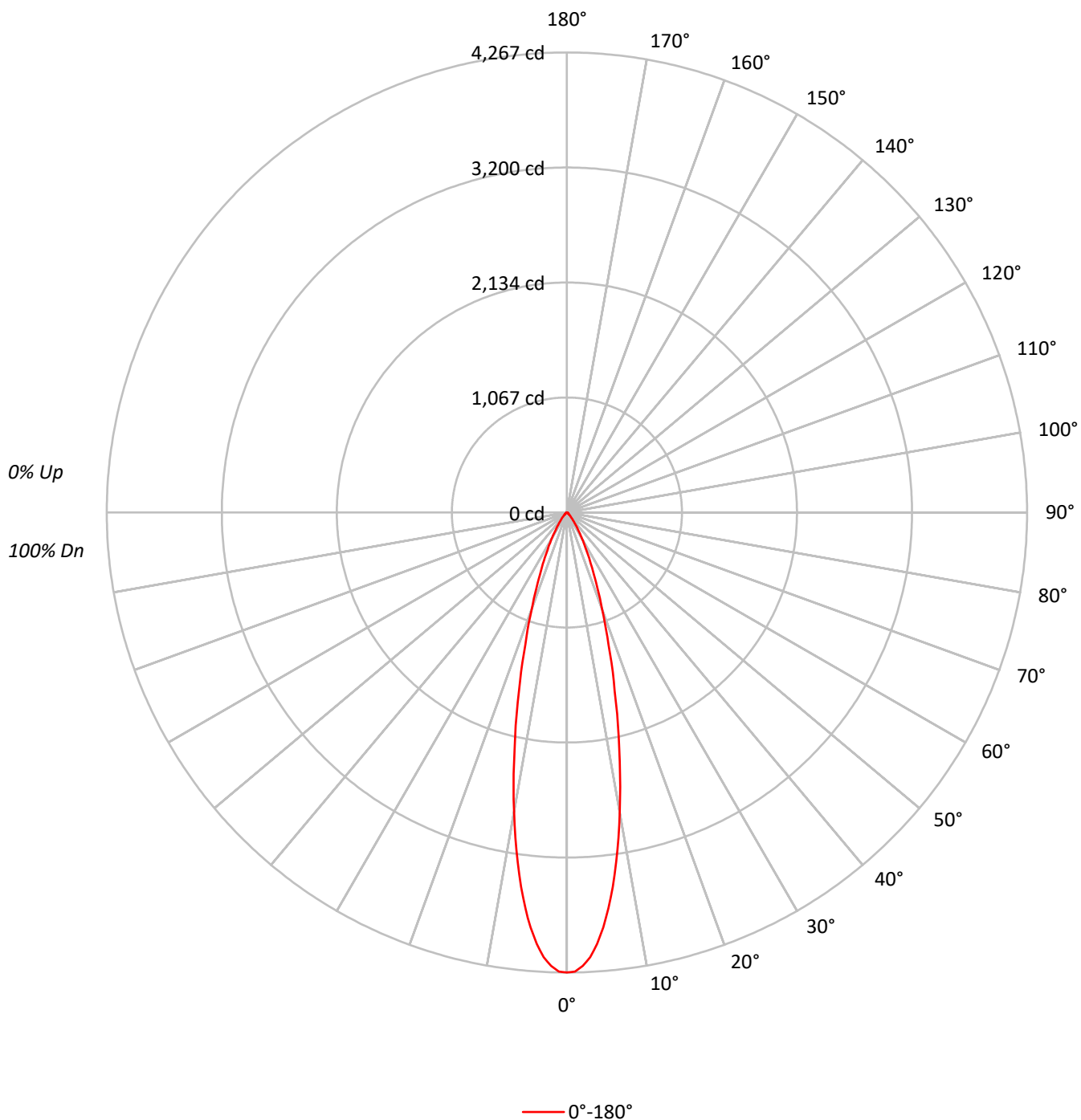
Lumens per Lamp: N/A
Luminaire Lumens: 1216.0 lumens
Efficiency: N/A
Efficacy: 59.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	935583
5°	850449
10°	628534
15°	388810
20°	222036
25°	126757
30°	71100
35°	38682
40°	21183
45°	11660
50°	6823
55°	4932
60°	4649
65°	4255
70°	3783
75°	3982
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11660 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	334.6	27.5
10°-20°	477.6	39.3
20°-30°	249.3	20.5
30°-40°	96.4	7.9
40°-50°	31.3	2.6
50°-60°	12.3	1.0
60°-70°	8.1	0.7
70°-80°	4.8	0.4
80°-90°	1.6	0.1
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°	1061.5	87.3
0°-40°	1157.9	95.2
0°-60°	1201.5	98.8
0°-90°	1216.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1216.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4267	
5°	3864	335
15°	1713	478
25°	524	249
35°	144	96
45°	38	31
55°	13	12
65°	8	8
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4266.6
1°	4258.3
2°	4207.8
3°	4130.3
4°	4010.5
5°	3863.6
6°	3689.8
7°	3497.1
8°	3273.9
9°	3056.6
10°	2822.8
12.5°	2243.7
15°	1712.7
17.5°	1281.6
20°	951.5
22.5°	704.8
25°	523.9
27.5°	386.5
30°	280.8
32.5°	203.2
35°	144.5
37.5°	104.5
40°	74.0
42.5°	52.9
45°	37.6
47.5°	27.0
50°	20.0
52.5°	15.3
55°	12.9
57.5°	11.7
60°	10.6
62.5°	9.4
65°	8.2
67.5°	7.0
70°	5.9
72.5°	5.9
75°	4.7
77.5°	3.5
80°	2.3
82.5°	2.3
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)