

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: P1260605

Luminaire Tested: P3AS20R159050D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260605
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159050D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

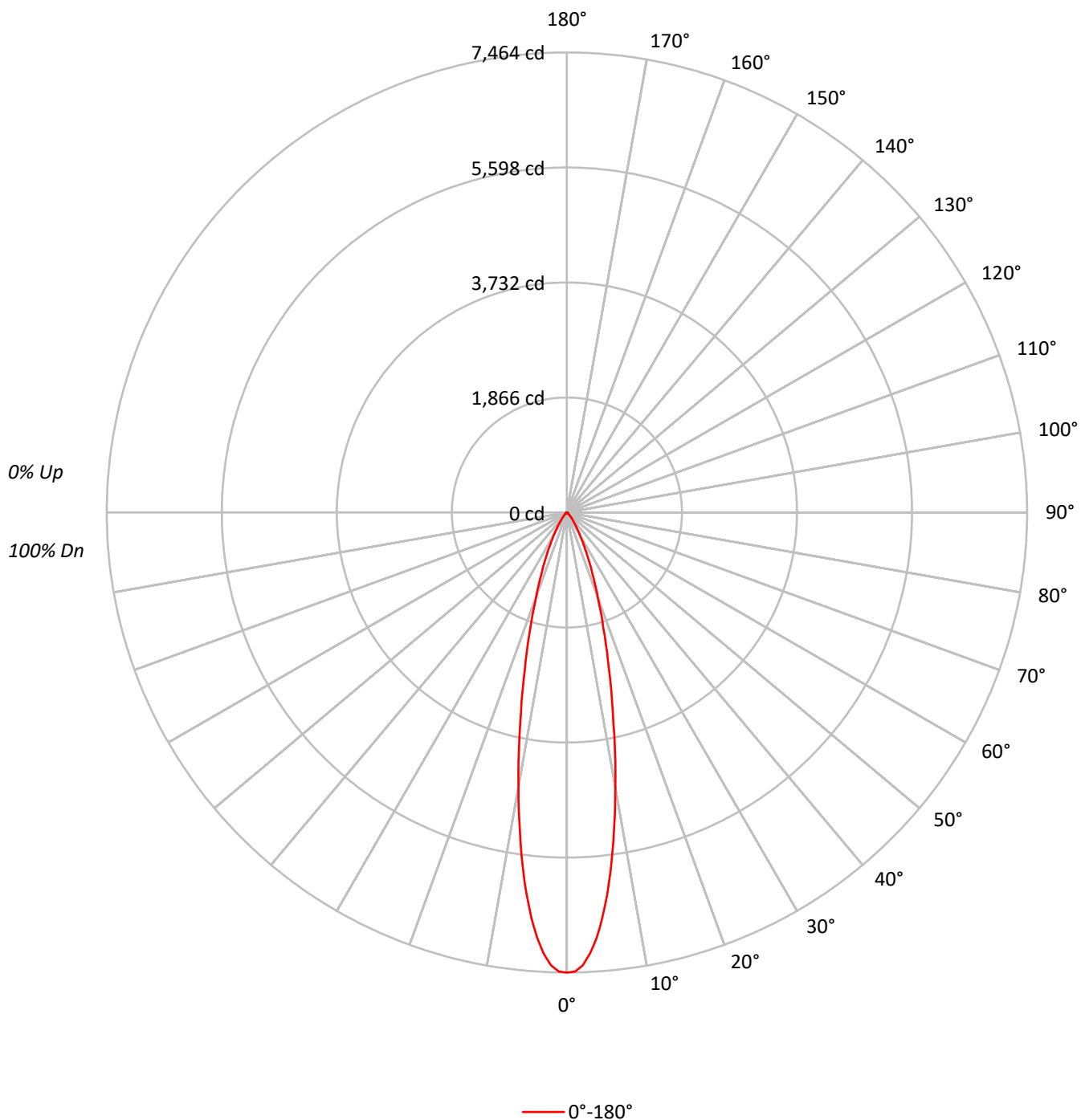
Lumens per Lamp: N/A
Luminaire Lumens: 1916.0 lumens
Efficiency: N/A
Efficacy: 66.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1636777
5°	1452869
10°	1008955
15°	596689
20°	339833
25°	194261
30°	107485
35°	57313
40°	31688
45°	17180
50°	10712
55°	8449
60°	7280
65°	6693
70°	5898
75°	6270
80°	4672
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17180 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	561.3	29.3
10°-20°	740.8	38.7
20°-30°	381.4	19.9
30°-40°	143.2	7.5
40°-50°	46.9	2.4
50°-60°	20.1	1.1
60°-70°	12.8	0.7
70°-80°	7.5	0.4
80°-90°	2.0	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°	1683.4	87.9
0°-40°	1826.6	95.3
0°-60°	1893.7	98.8
0°-90°	1916.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1916.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7464	
5°	6600	561
15°	2628	741
25°	803	381
35°	214	143
45°	55	47
55°	22	20
65°	13	13
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7464.3
1°	7449.5
2°	7351.7
3°	7165.2
4°	6919.8
5°	6600.4
6°	6238.7
7°	5841.8
8°	5400.7
9°	4965.1
10°	4531.3
12.5°	3486.6
15°	2628.4
17.5°	1967.6
20°	1456.3
22.5°	1087.2
25°	802.9
27.5°	585.1
30°	424.5
32.5°	300.9
35°	214.1
37.5°	153.2
40°	110.7
42.5°	79.4
45°	55.4
47.5°	40.6
50°	31.4
52.5°	25.8
55°	22.1
57.5°	18.5
60°	16.6
62.5°	14.8
65°	12.9
67.5°	11.1
70°	9.2
72.5°	9.2
75°	7.4
77.5°	5.5
80°	3.7
82.5°	3.7
85°	1.8
87.5°	0.0
90°	0.0

(END OF REPORT)