

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: P1252595

Luminaire Tested: P3AS20R159030D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252595
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: P3AS20R159030D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

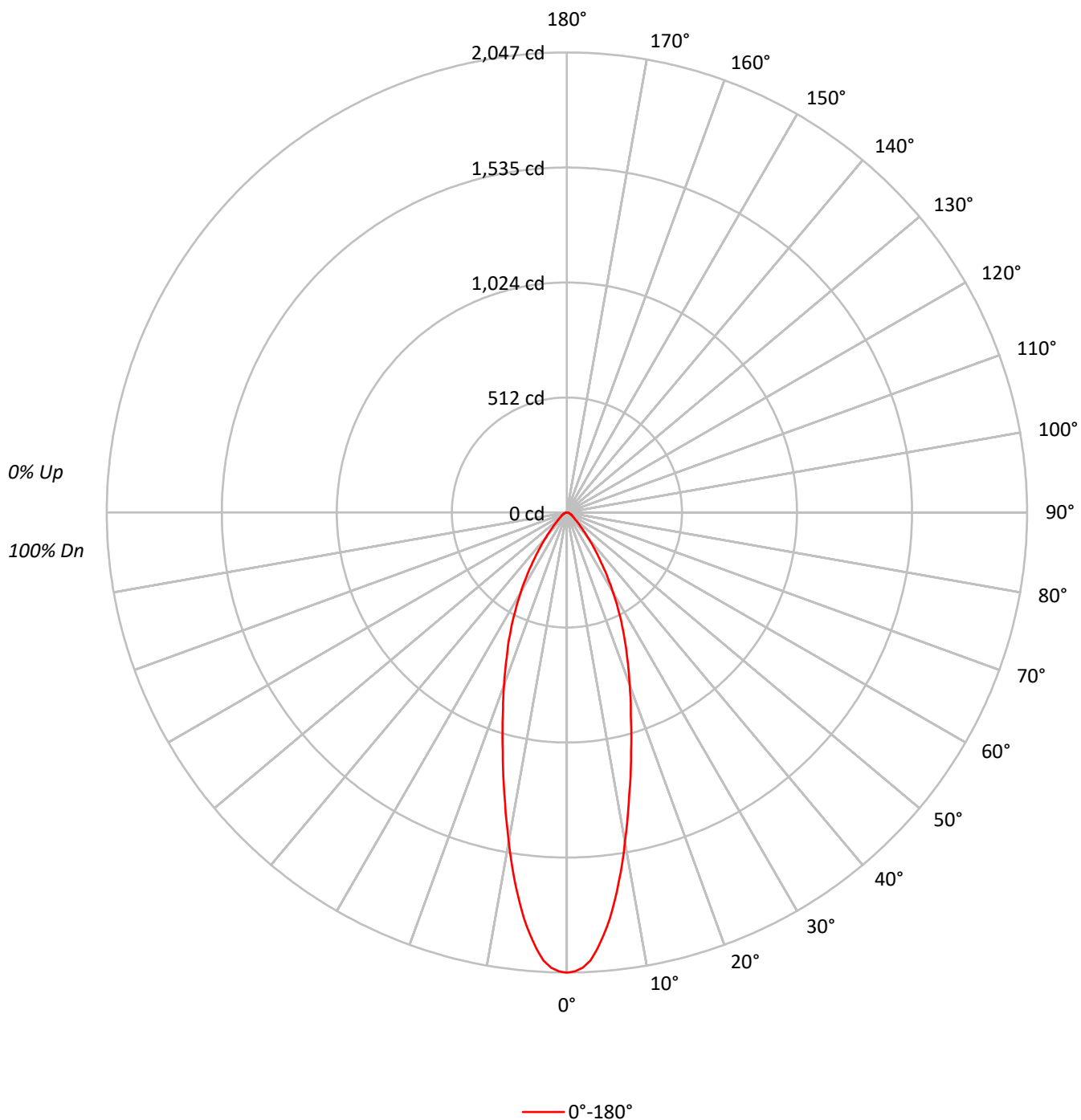
Lumens per Lamp: N/A
Luminaire Lumens: 1041.0 lumens
Efficiency: N/A
Efficacy: 36.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
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°	448911
5°	414901
10°	331234
15°	250217
20°	190533
25°	145194
30°	104016
35°	67887
40°	41621
45°	25150
50°	16716
55°	12922
60°	11139
65°	9651
70°	8655
75°	8557
80°	6440
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25150 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.0	16.0
10°-20°	308.1	29.6
20°-30°	274.3	26.3
30°-40°	162.3	15.6
40°-50°	66.6	6.4
50°-60°	31.3	3.0
60°-70°	19.0	1.8
70°-80°	10.0	1.0
80°-90°	2.5	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°	749.3	72.0
0°-40°	911.6	87.6
0°-60°	1009.4	97.0
0°-90°	1041.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1041.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2047	
5°	1885	167
15°	1102	308
25°	600	274
35°	254	162
45°	81	67
55°	34	31
65°	19	19
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2047.2
1°	2042.1
2°	2026.9
3°	1996.4
4°	1945.7
5°	1884.9
6°	1818.9
7°	1741.2
8°	1660.0
9°	1577.2
10°	1487.6
12.5°	1283.1
15°	1102.2
17.5°	946.7
20°	816.5
22.5°	701.5
25°	600.1
27.5°	502.1
30°	410.8
32.5°	328.0
35°	253.6
37.5°	194.4
40°	145.4
42.5°	108.2
45°	81.1
47.5°	62.5
50°	49.0
52.5°	40.6
55°	33.8
57.5°	28.7
60°	25.4
62.5°	22.0
65°	18.6
67.5°	16.9
70°	13.5
72.5°	11.8
75°	10.1
77.5°	6.8
80°	5.1
82.5°	3.4
85°	1.7
87.5°	1.7
90°	0.0

(END OF REPORT)