

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: P1272552

Luminaire Tested: P3AS20R159827D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272552
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: P3AS20R159827D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

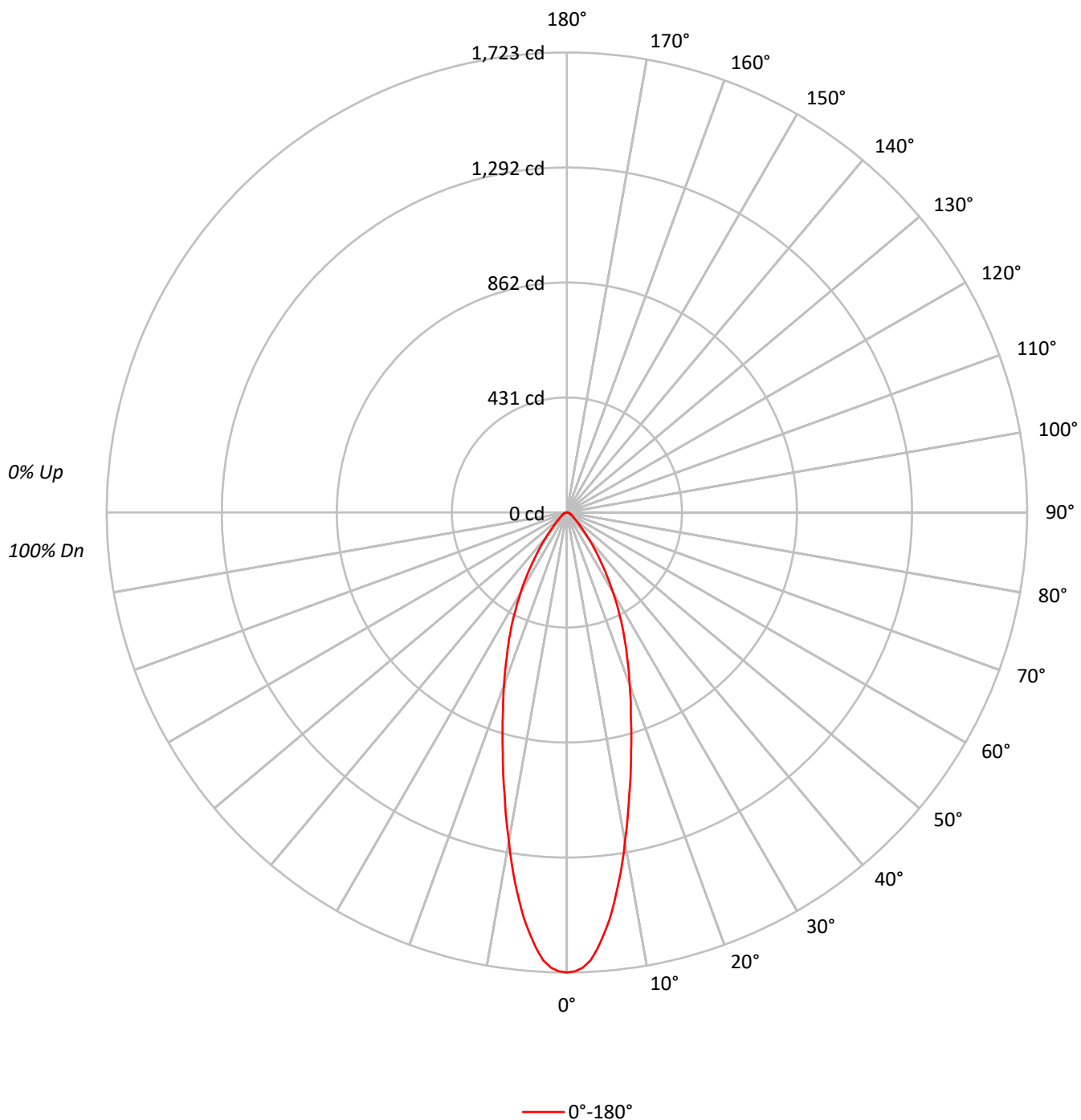
Lumens per Lamp: N/A
Luminaire Lumens: 876.0 lumens
Efficiency: N/A
Efficacy: 32.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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°	377755
5°	349130
10°	278730
15°	210557
20°	160337
25°	122184
30°	87532
35°	57126
40°	35008
45°	21180
50°	14089
55°	10896
60°	9341
65°	8094
70°	7309
75°	7202
80°	5430
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21180 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.5	16.0
10°-20°	259.2	29.6
20°-30°	230.8	26.3
30°-40°	136.6	15.6
40°-50°	56.0	6.4
50°-60°	26.3	3.0
60°-70°	16.0	1.8
70°-80°	8.4	1.0
80°-90°	2.1	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°	630.5	72.0
0°-40°	767.1	87.6
0°-60°	849.4	97.0
0°-90°	876.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	876.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1723	
5°	1586	141
15°	928	259
25°	505	231
35°	213	137
45°	68	56
55°	28	26
65°	16	16
75°	8	8
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1722.7
1°	1718.4
2°	1705.6
3°	1680.0
4°	1637.3
5°	1586.1
6°	1530.6
7°	1465.2
8°	1396.9
9°	1327.2
10°	1251.8
12.5°	1079.7
15°	927.5
17.5°	796.6
20°	687.1
22.5°	590.3
25°	505.0
27.5°	422.5
30°	345.7
32.5°	276.0
35°	213.4
37.5°	163.6
40°	122.3
42.5°	91.0
45°	68.3
47.5°	52.6
50°	41.3
52.5°	34.1
55°	28.5
57.5°	24.2
60°	21.3
62.5°	18.5
65°	15.6
67.5°	14.2
70°	11.4
72.5°	10.0
75°	8.5
77.5°	5.7
80°	4.3
82.5°	2.8
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)