

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: P1271862

Luminaire Tested: P3AS13R159827DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271862
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: P3AS13R159827DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

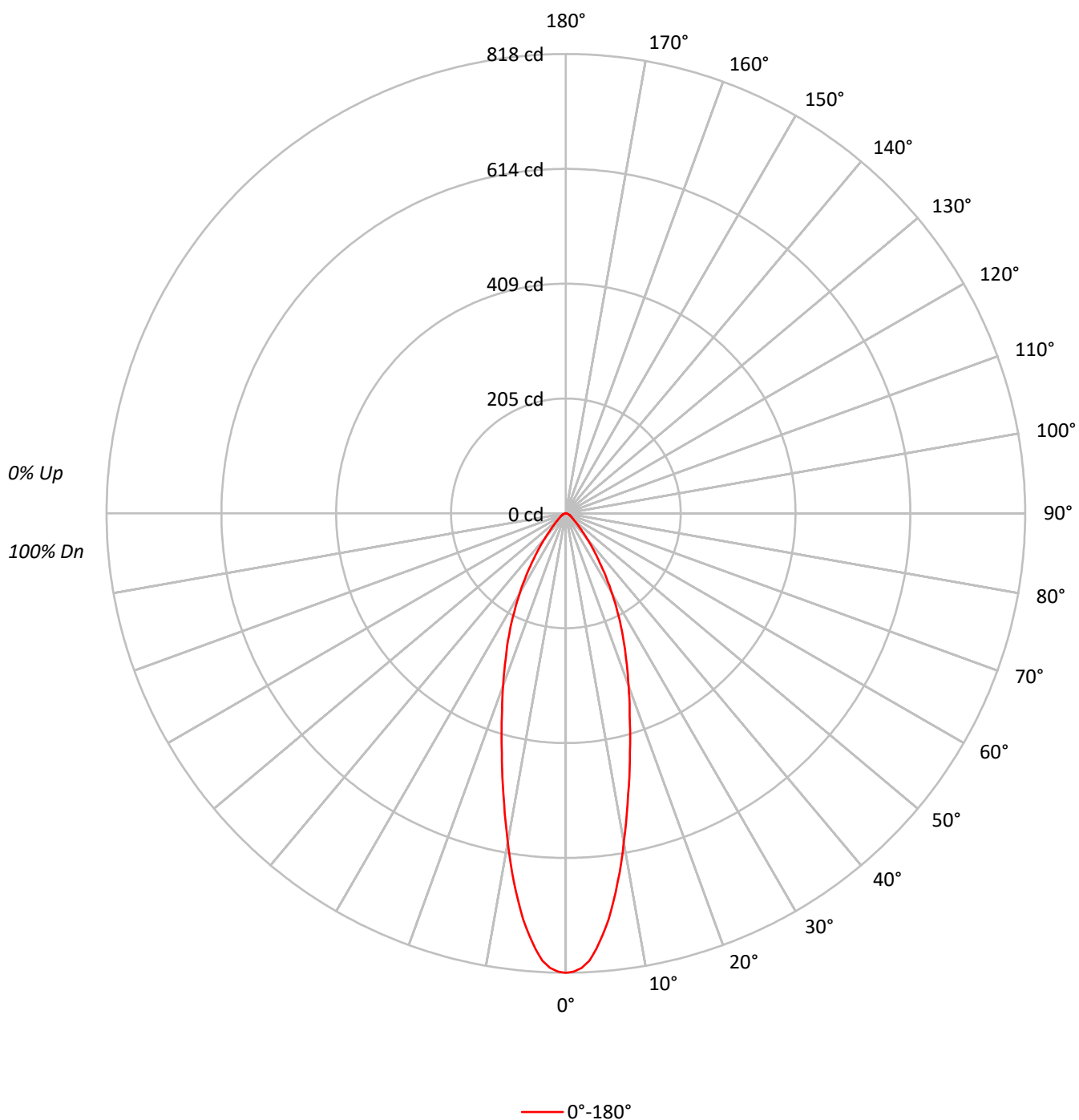
Lumens per Lamp: N/A
Luminaire Lumens: 416.0 lumens
Efficiency: N/A
Efficacy: 28.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	106		111	108	106	104		104	102	101		100	99	98		97	96	95
2	108	103	98	95		105	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	84	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	78		82	79	77
5	93	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		87	79	73	69		77	72	69		76	71	68		74	71	68
7	84	75	69	65		83	74	69	65		73	68	64		72	67	64		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	68	62	58		76	67	62	58		66	61	58		65	61	57		64	60	57
10	74	64	59	55		73	64	59	55		63	58	55		62	58	55		62	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179394
5°	165793
10°	132373
15°	100001
20°	76143
25°	58019
30°	41576
35°	27117
40°	16631
45°	10048
50°	6686
55°	5161
60°	4429
65°	3840
70°	3462
75°	3474
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10048 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.7	16.0
10°-20°	123.1	29.6
20°-30°	109.6	26.3
30°-40°	64.9	15.6
40°-50°	26.6	6.4
50°-60°	12.5	3.0
60°-70°	7.6	1.8
70°-80°	4.0	1.0
80°-90°	1.0	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°	299.4	72.0
0°-40°	364.3	87.6
0°-60°	403.4	97.0
0°-90°	416.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	416.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	818	
5°	753	67
15°	440	123
25°	240	110
35°	101	65
45°	32	27
55°	14	12
65°	7	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	818.1
1°	816.1
2°	810.0
3°	797.8
4°	777.5
5°	753.2
6°	726.9
7°	695.8
8°	663.4
9°	630.3
10°	594.5
12.5°	512.7
15°	440.5
17.5°	378.3
20°	326.3
22.5°	280.3
25°	239.8
27.5°	200.6
30°	164.2
32.5°	131.1
35°	101.3
37.5°	77.7
40°	58.1
42.5°	43.2
45°	32.4
47.5°	25.0
50°	19.6
52.5°	16.2
55°	13.5
57.5°	11.5
60°	10.1
62.5°	8.8
65°	7.4
67.5°	6.8
70°	5.4
72.5°	4.7
75°	4.1
77.5°	2.7
80°	2.0
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)