

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: P1271934

Luminaire Tested: P3AS13R259827DE010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271934
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259827DE010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

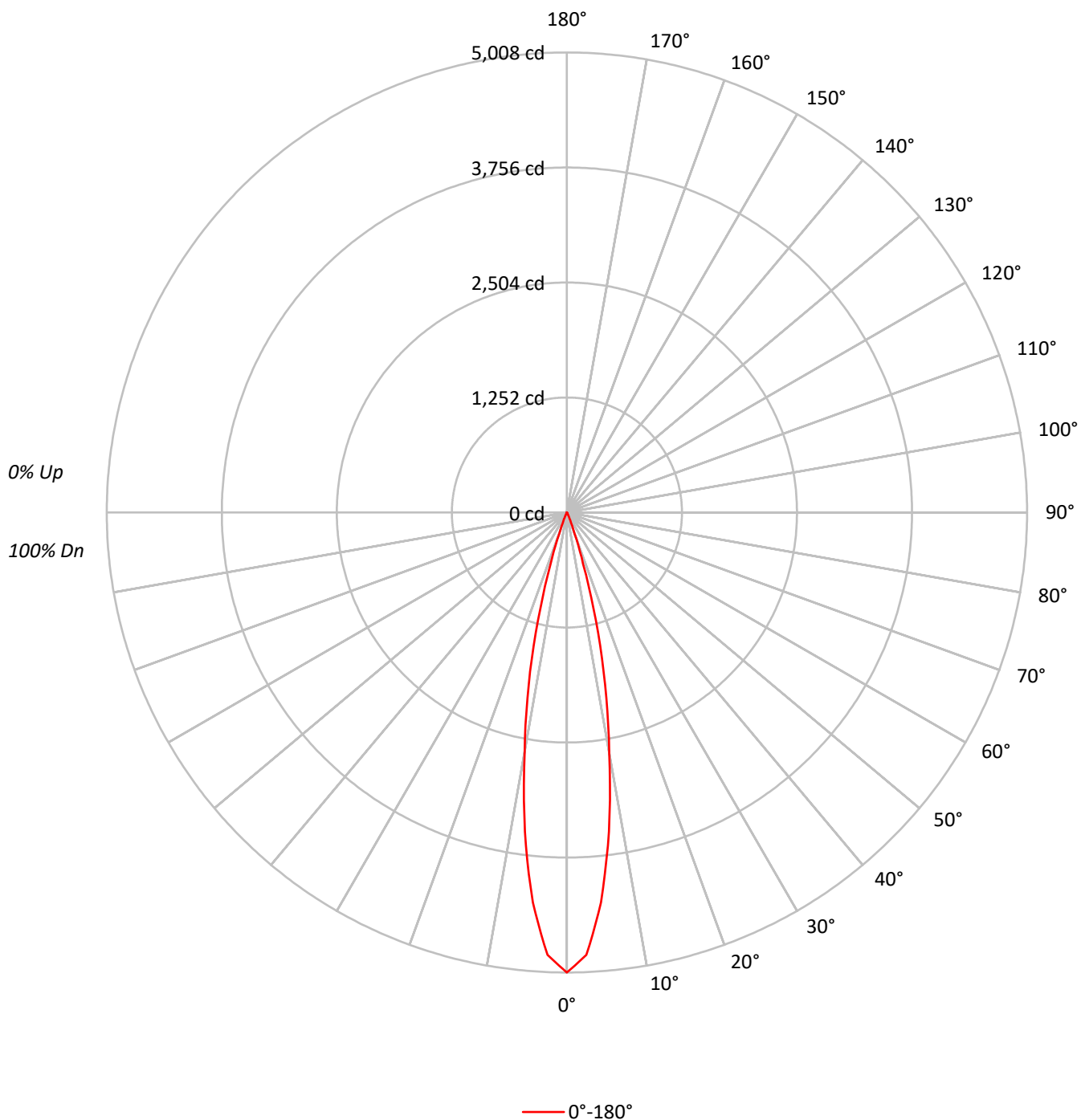
Lumens per Lamp: N/A
Luminaire Lumens: 718.0 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 0.36 / 0.36 / 0.36
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	116	114	112	111	113	112	110	109	108	107	106		104	103	102		101
2	113	109	107	105	111	108	105	103	105	103	101		102	100	99		99
3	110	106	103	100	108	104	102	99	102	100	98		100	98	96		98
4	107	103	99	97	106	102	99	96	100	97	95		98	96	94		96
5	105	100	96	94	103	99	96	93	97	95	93		96	94	92		95
6	102	97	94	91	101	97	93	91	95	93	91		94	92	90		93
7	100	95	92	89	99	95	91	89	94	91	89		93	90	88		92
8	98	93	90	87	98	93	89	87	92	89	87		91	88	87		90
9	97	91	88	86	96	91	88	85	90	87	85		89	87	85		89
10	95	89	86	84	94	89	86	84	88	86	84		88	85	83		87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1098136
5°	937902
10°	591305
15°	275189
20°	56658
25°	11565
30°	2481
35°	535
40°	286
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 0 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	355.1	49.5
10°-20°	329.8	45.9
20°-30°	31.2	4.3
30°-40°	1.8	0.3
40°-50°	0.1	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	716.1	99.7
0°-40°	717.9	100.0
0°-60°	718.0	100.0
0°-90°	718.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	718.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5008	
5°	4261	355
15°	1212	330
25°	48	31
35°	2	2
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5007.9
2.5°	4821.7
5°	4260.9
7.5°	3503.1
10°	2655.6
12.5°	1918.3
15°	1212.2
17.5°	586.1
20°	242.8
22.5°	96.6
25°	47.8
27.5°	22.4
30°	9.8
32.5°	3.9
35°	2.0
37.5°	1.0
40°	1.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)