

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: P1272011

Luminaire Tested: P3AS13R409827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272011
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

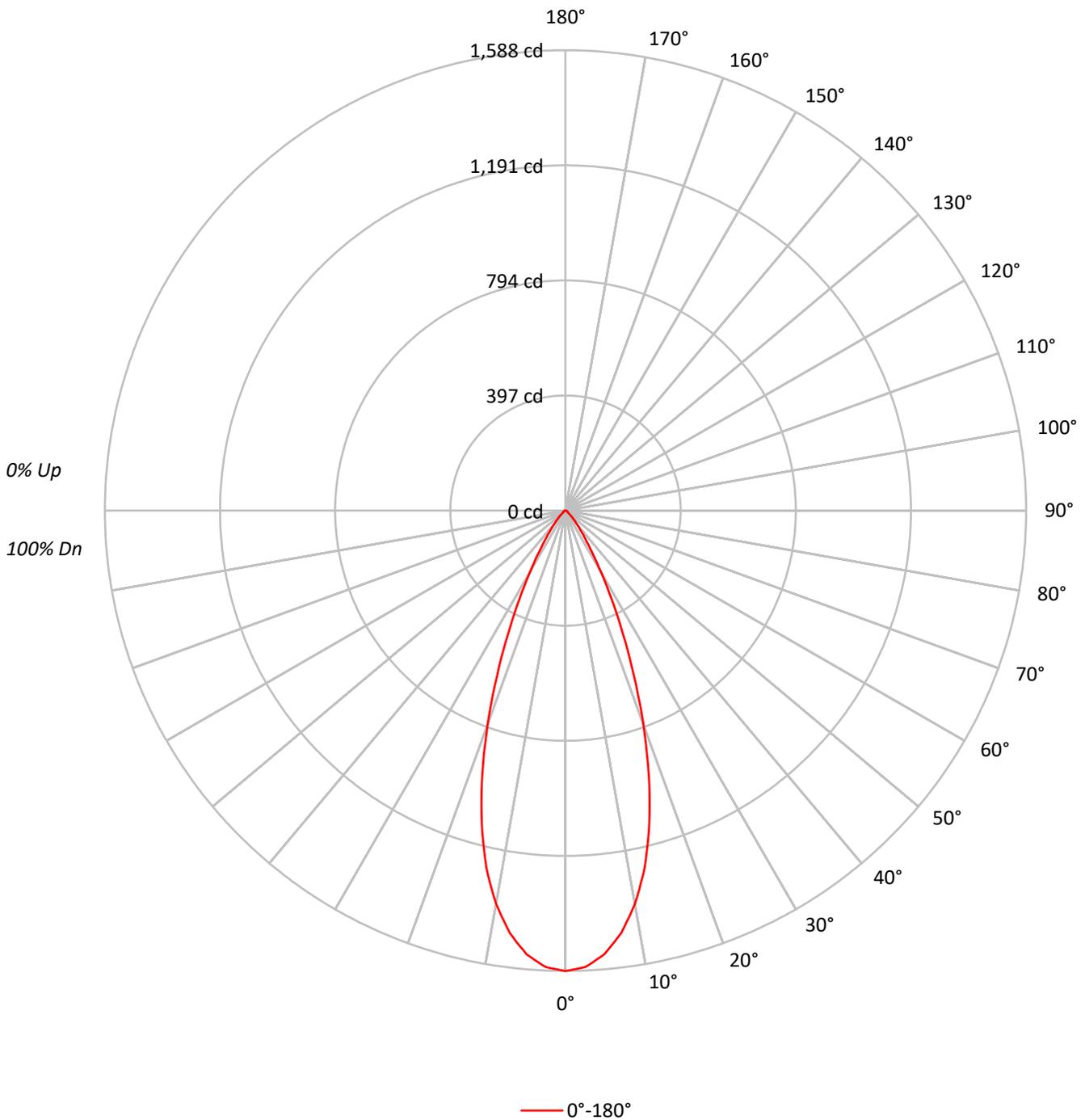
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 787.0 lumens
Efficiency: N/A
Efficacy: 54.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
Input Voltage (V): NR
Input Current (A_{in}): 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				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94				94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89				89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84				84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80				80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76				76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72				72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69				69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65				65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63				63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60				60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	348240
5°	338124
10°	306830
15°	253486
20°	182856
25°	113087
30°	61225
35°	31641
40°	17204
45°	9644
50°	4844
55°	3632
60°	3245
65°	3165
70°	3013
75°	2881
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9644 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.6	18.0
10°-20°	304.1	38.6
20°-30°	217.0	27.6
30°-40°	79.9	10.2
40°-50°	25.1	3.2
50°-60°	8.7	1.1
60°-70°	6.0	0.8
70°-80°	3.6	0.5
80°-90°	1.0	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°	662.6	84.2
0°-40°	742.5	94.3
0°-60°	776.4	98.6
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1588	
5°	1536	142
15°	1117	304
25°	467	217
35°	118	80
45°	31	25
55°	10	9
65°	6	6
75°	3	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1588.1
2.5°	1576.0
5°	1536.1
7.5°	1469.9
10°	1378.0
12.5°	1261.2
15°	1116.6
17.5°	954.5
20°	783.6
22.5°	615.4
25°	467.4
27.5°	343.2
30°	241.8
32.5°	169.6
35°	118.2
37.5°	83.8
40°	60.1
42.5°	43.2
45°	31.1
47.5°	20.9
50°	14.2
52.5°	10.1
55°	9.5
57.5°	8.8
60°	7.4
62.5°	6.8
65°	6.1
67.5°	5.4
70°	4.7
72.5°	4.1
75°	3.4
77.5°	2.7
80°	2.0
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)