

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: P1271664

Luminaire Tested: P3AS09R409827DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271664
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: P3AS09R409827DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

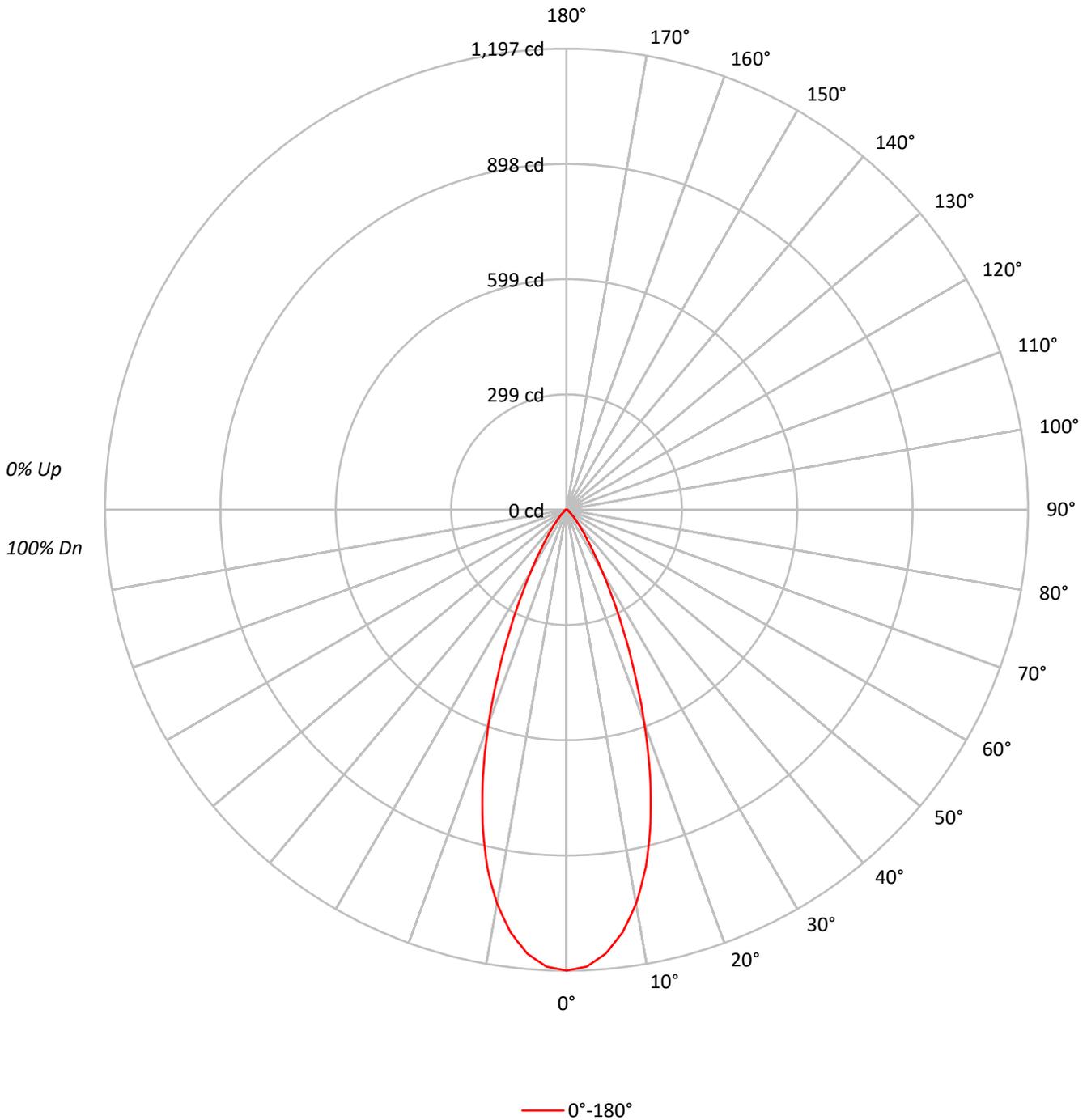
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 593.0 lumens
Efficiency: N/A
Efficacy: 53.9 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): 11
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			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	100	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94	94	94	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89	89	89	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80	80	80	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76	76	76	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72	72	72	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65	65	65	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63	63	63	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60	60	60	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	262391
5°	254765
10°	231191
15°	191011
20°	137772
25°	85215
30°	46134
35°	23851
40°	12967
45°	7257
50°	3650
55°	2714
60°	2456
65°	2387
70°	2308
75°	2118
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7257 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.7	18.0
10°-20°	229.1	38.6
20°-30°	163.5	27.6
30°-40°	60.2	10.2
40°-50°	19.0	3.2
50°-60°	6.6	1.1
60°-70°	4.6	0.8
70°-80°	2.7	0.5
80°-90°	0.7	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°	499.3	84.2
0°-40°	559.5	94.3
0°-60°	585.0	98.7
0°-90°	593.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	593.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1197	
5°	1157	107
15°	841	229
25°	352	163
35°	89	60
45°	23	19
55°	7	7
65°	5	5
75°	2	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1196.6
2.5°	1187.5
5°	1157.4
7.5°	1107.6
10°	1038.3
12.5°	950.3
15°	841.4
17.5°	719.2
20°	590.4
22.5°	463.7
25°	352.2
27.5°	258.6
30°	182.2
32.5°	127.8
35°	89.1
37.5°	63.1
40°	45.3
42.5°	32.6
45°	23.4
47.5°	15.8
50°	10.7
52.5°	7.6
55°	7.1
57.5°	6.6
60°	5.6
62.5°	5.1
65°	4.6
67.5°	4.1
70°	3.6
72.5°	3.1
75°	2.5
77.5°	2.0
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)