

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: P1262334

Luminaire Tested: P3AS09R409727DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409727DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

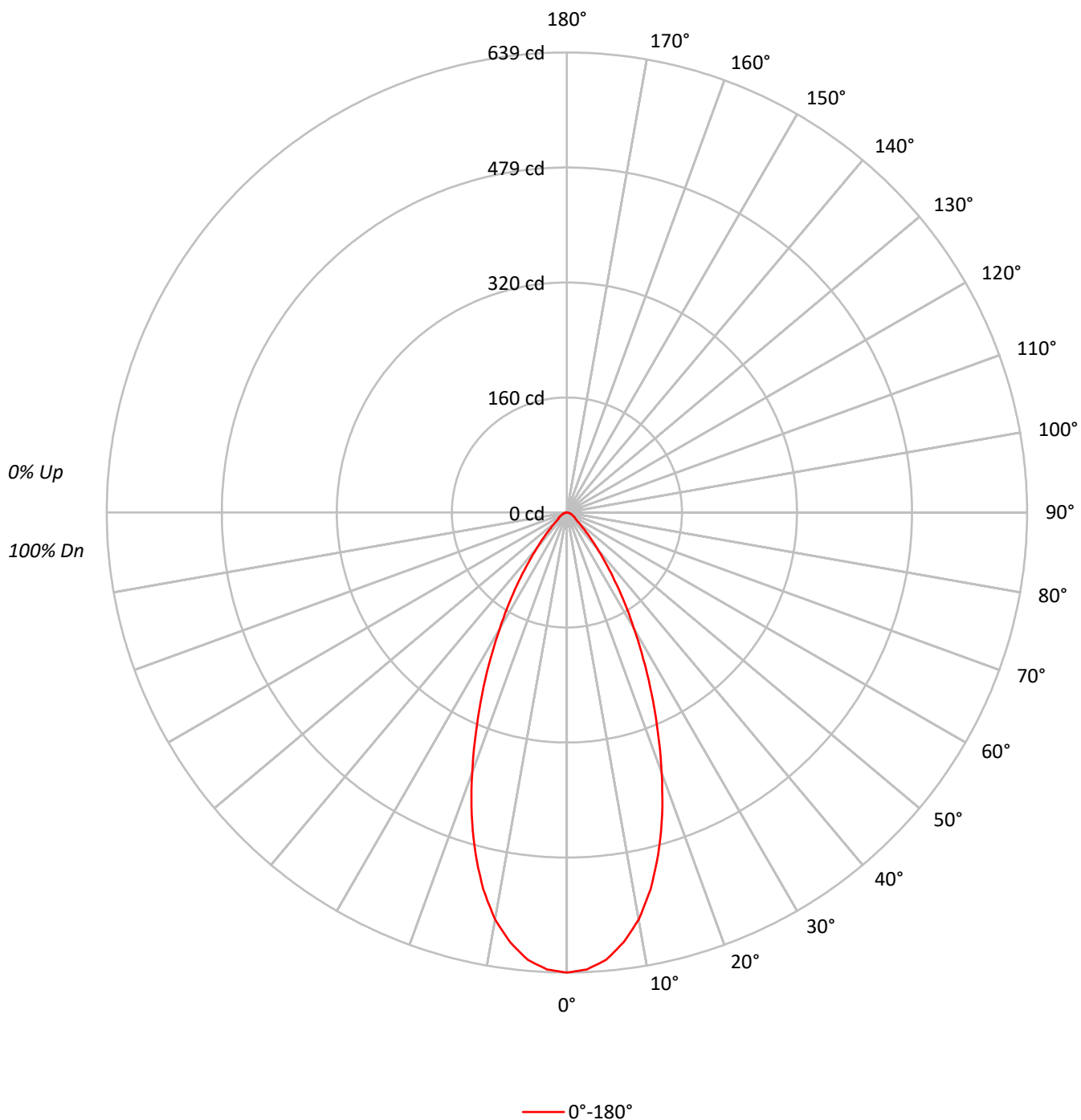
Lumens per Lamp: N/A
Luminaire Lumens: 450.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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

TEST NUMBER: P1262334

CATALOG NUMBER: P3AS09R409727DE010 E3DL1WH

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	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	140120
5°	137288
10°	127831
15°	111397
20°	89771
25°	67286
30°	47324
35°	30999
40°	18778
45°	11195
50°	6686
55°	5390
60°	4824
65°	4151
70°	3911
75°	3135
80°	3157
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11195 cd/sqm

TEST NUMBER: P1262334

CATALOG NUMBER: P3AS09R409727DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.9	12.9
10°-20°	135.2	30.0
20°-30°	127.4	28.3
30°-40°	73.7	16.4
40°-50°	29.3	6.5
50°-60°	13.0	2.9
60°-70°	8.0	1.8
70°-80°	4.2	0.9
80°-90°	1.3	0.3
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°	320.5	71.2
0°-40°	394.1	87.6
0°-60°	436.4	97.0
0°-90°	450.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	450.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	639	
5°	624	58
15°	491	135
25°	278	127
35°	116	74
45°	36	29
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	639.0
2.5°	635.3
5°	623.7
7.5°	602.2
10°	574.1
12.5°	536.1
15°	490.7
17.5°	439.9
20°	384.7
22.5°	329.6
25°	278.1
27.5°	230.4
30°	186.9
32.5°	148.9
35°	115.8
37.5°	87.6
40°	65.6
42.5°	49.0
45°	36.1
47.5°	26.3
50°	19.6
52.5°	15.9
55°	14.1
57.5°	12.9
60°	11.0
62.5°	9.2
65°	8.0
67.5°	6.7
70°	6.1
72.5°	4.9
75°	3.7
77.5°	3.1
80°	2.5
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)