

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: P1262397

Luminaire Tested: P3AS09R509727DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262397
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R509727DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

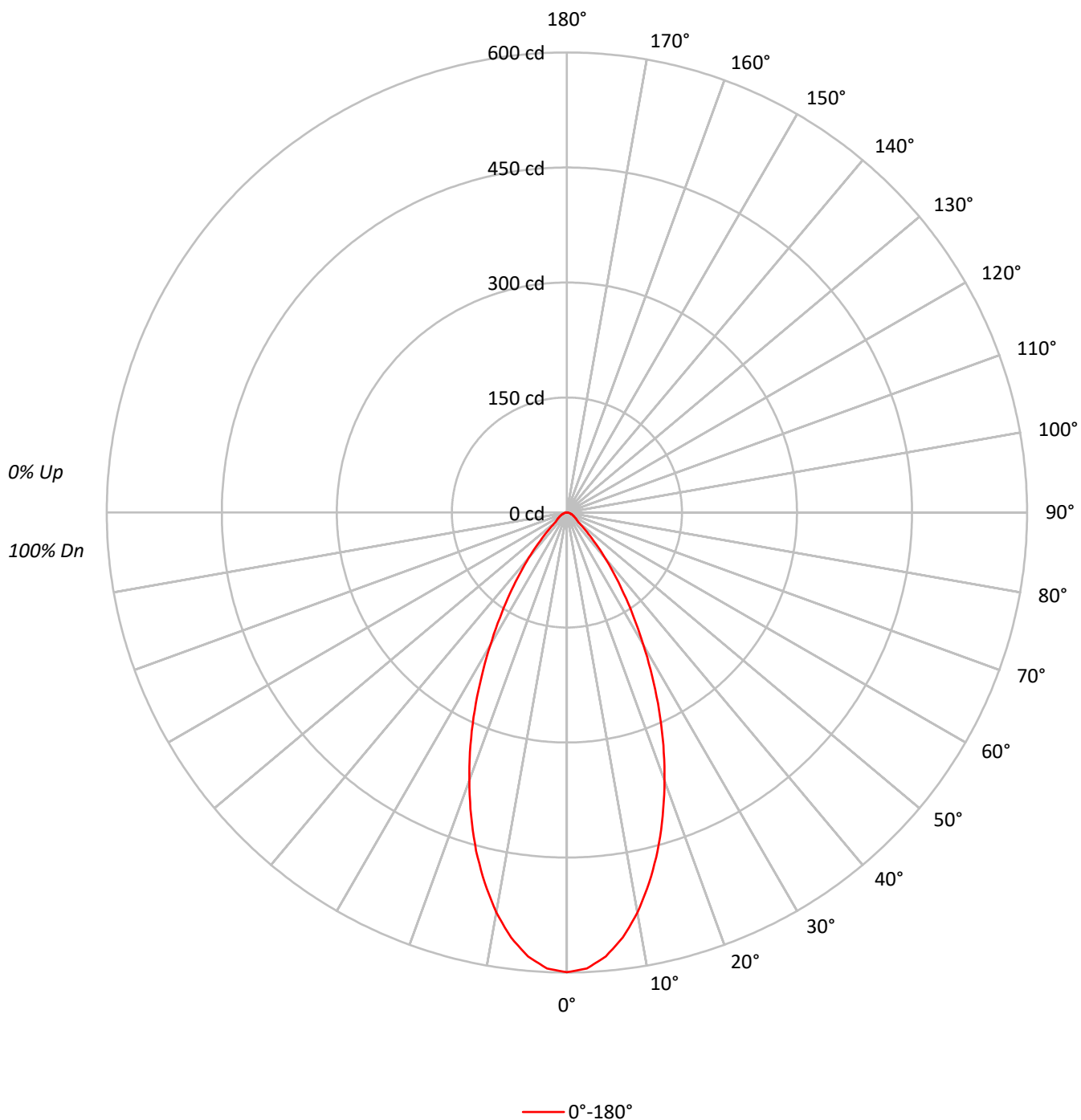
Lumens per Lamp: N/A
Luminaire Lumens: 452.0 lumens
Efficiency: N/A
Efficacy: 40.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262397

CATALOG NUMBER: P3AS09R509727DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1262397

CATALOG NUMBER: P3AS09R509727DE010 E3DLP1H

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79		
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73		
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68		
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64		
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60		
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56		
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53		
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131459
5°	127933
10°	117967
15°	103746
20°	86784
25°	68835
30°	50489
35°	34720
40°	22070
45°	12342
50°	6686
55°	5620
60°	4824
65°	4462
70°	3911
75°	3643
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12342 cd/sqm

TEST NUMBER: P1262397

CATALOG NUMBER: P3AS09R509727DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.8	11.9
10°-20°	126.6	28.0
20°-30°	129.5	28.6
30°-40°	82.1	18.2
40°-50°	32.7	7.2
50°-60°	13.2	2.9
60°-70°	8.5	1.9
70°-80°	4.4	1.0
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°	309.9	68.6
0°-40°	391.9	86.7
0°-60°	437.8	96.9
0°-90°	452.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	452.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	600	
5°	581	54
15°	457	127
25°	284	129
35°	130	82
45°	40	33
55°	15	13
65°	9	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1262397

CATALOG NUMBER: P3AS09R509727DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	599.5
2.5°	595.2
5°	581.2
7.5°	559.1
10°	529.8
12.5°	494.9
15°	457.0
17.5°	415.4
20°	371.9
22.5°	328.5
25°	284.5
27.5°	240.4
30°	199.4
32.5°	162.7
35°	129.7
37.5°	101.6
40°	77.1
42.5°	56.9
45°	39.8
47.5°	26.9
50°	19.6
52.5°	16.5
55°	14.7
57.5°	12.8
60°	11.0
62.5°	9.8
65°	8.6
67.5°	7.3
70°	6.1
72.5°	4.9
75°	4.3
77.5°	3.1
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)