

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: P1259691

Luminaire Tested: P3AS09R509050DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259691
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: P3AS09R509050DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

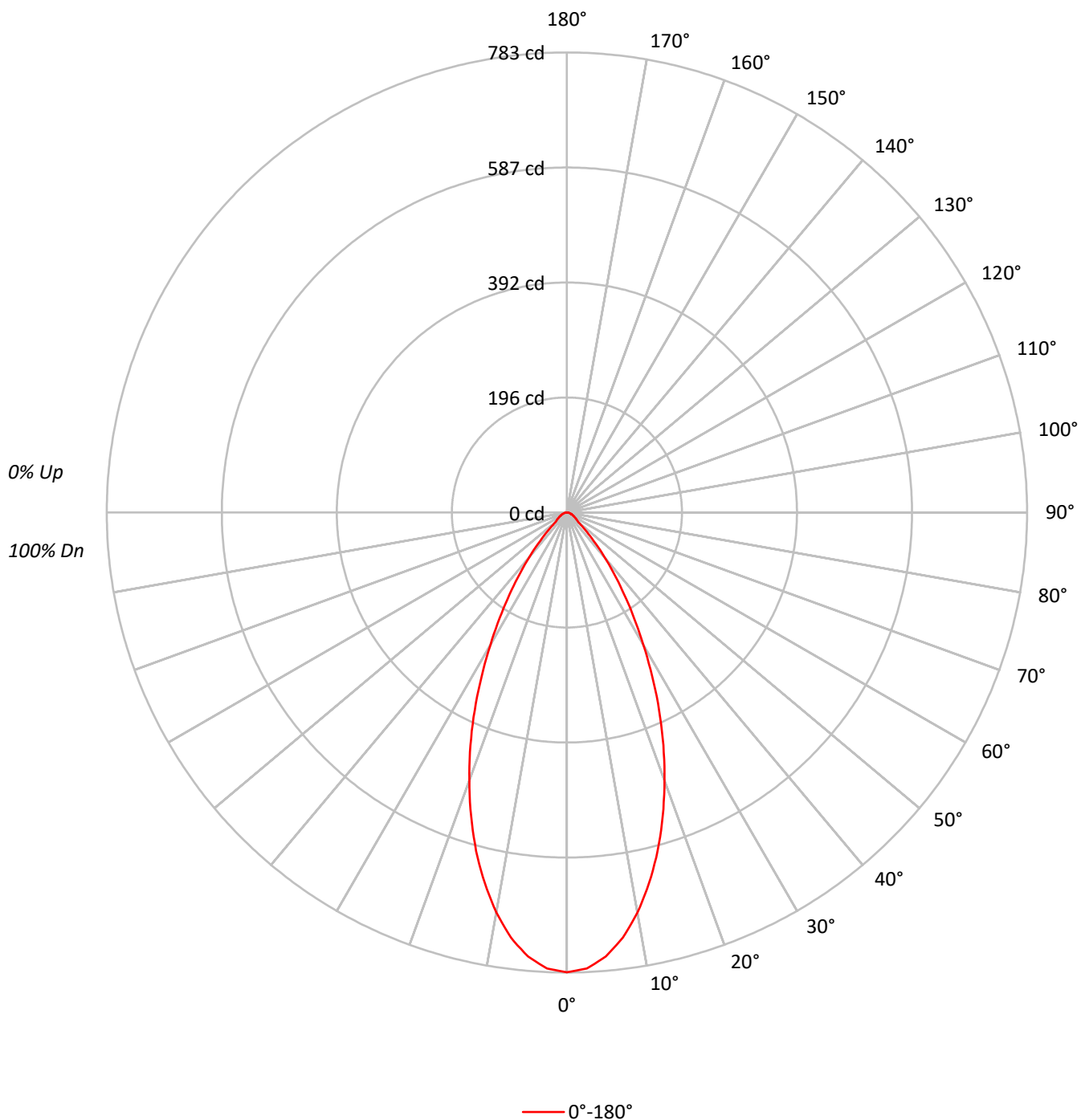
Lumens per Lamp: N/A
Luminaire Lumens: 590.1 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1259691

CATALOG NUMBER: P3AS09R509050DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1259691

CATALOG NUMBER: P3AS09R509050DE010 E3DLP1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		79
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		73
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		68
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		64
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		60
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		56
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		53
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171609
5°	166982
10°	153972
15°	135415
20°	113293
25°	89836
30°	65909
35°	45320
40°	28797
45°	16095
50°	8733
55°	7340
60°	6315
65°	5811
70°	5129
75°	4745
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16095 cd/sqm

TEST NUMBER: P1259691

CATALOG NUMBER: P3AS09R509050DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.3	11.9
10°-20°	165.2	28.0
20°-30°	169.0	28.6
30°-40°	107.2	18.2
40°-50°	42.6	7.2
50°-60°	17.3	2.9
60°-70°	11.1	1.9
70°-80°	5.7	1.0
80°-90°	1.7	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°	404.4	68.5
0°-40°	511.6	86.7
0°-60°	571.6	96.9
0°-90°	590.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	590.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	783	
5°	759	70
15°	596	165
25°	371	169
35°	169	107
45°	52	43
55°	19	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1259691

CATALOG NUMBER: P3AS09R509050DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	782.6
2.5°	777.0
5°	758.6
7.5°	729.9
10°	691.5
12.5°	646.0
15°	596.5
17.5°	542.2
20°	485.5
22.5°	428.8
25°	371.3
27.5°	313.8
30°	260.3
32.5°	212.4
35°	169.3
37.5°	132.6
40°	100.6
42.5°	74.3
45°	51.9
47.5°	35.1
50°	25.6
52.5°	21.6
55°	19.2
57.5°	16.8
60°	14.4
62.5°	12.8
65°	11.2
67.5°	9.6
70°	8.0
72.5°	6.4
75°	5.6
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)