

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: P1257123

Luminaire Tested: P3AS09R559040DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257123
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559040DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

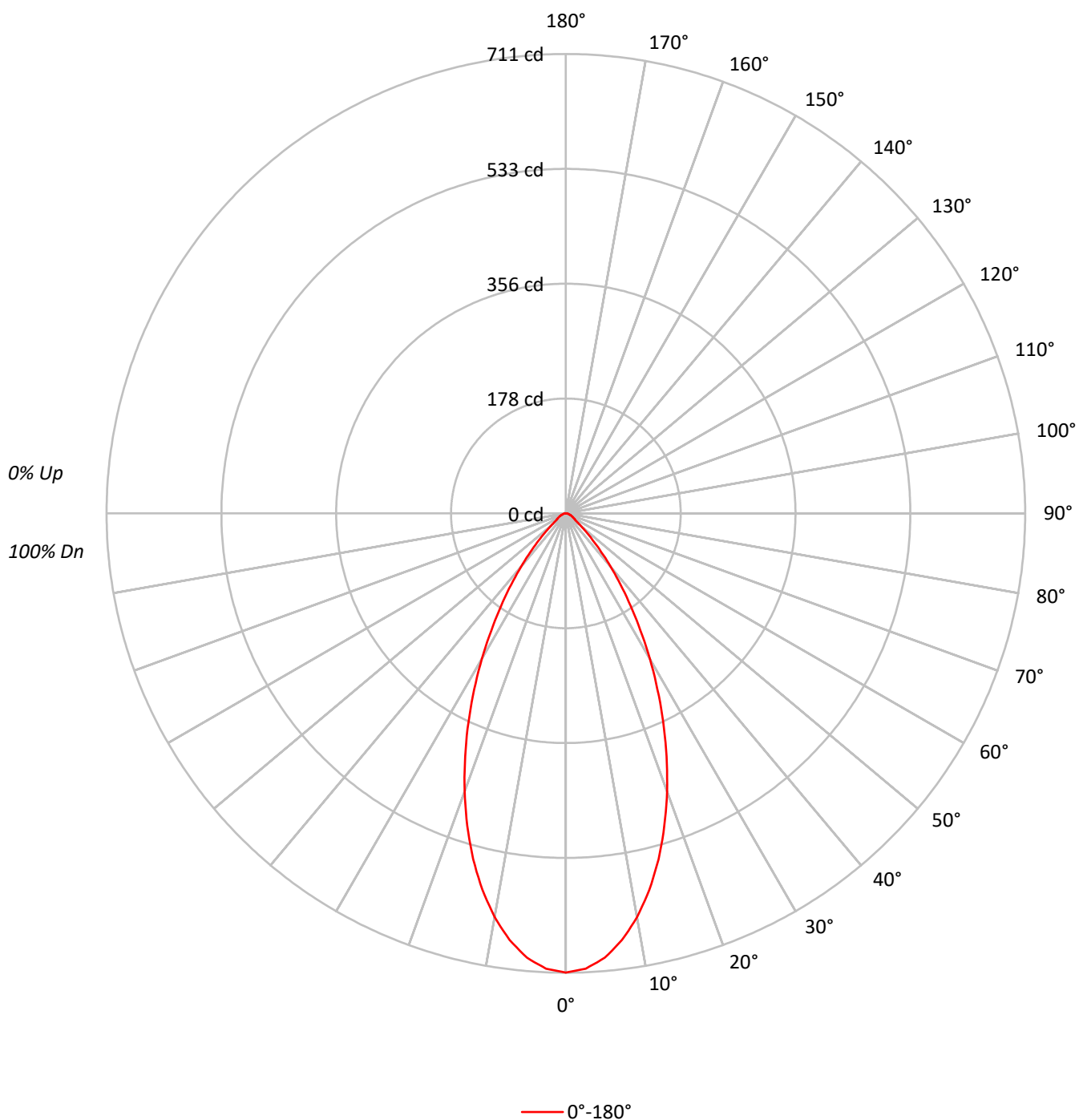
Lumens per Lamp: N/A
Luminaire Lumens: 573.0 lumens
Efficiency: N/A
Efficacy: 51.6 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257123

CATALOG NUMBER: P3AS09R559040DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1257123

CATALOG NUMBER: P3AS09R559040DE010 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155865
5°	151970
10°	141280
15°	125812
20°	106923
25°	86279
30°	65782
35°	46793
40°	30858
45°	18296
50°	10746
55°	6614
60°	5877
65°	5292
70°	4552
75°	3982
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18296 cd/sqm

TEST NUMBER: P1257123

CATALOG NUMBER: P3AS09R559040DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.1	11.2
10°-20°	153.6	26.8
20°-30°	162.7	28.4
30°-40°	110.0	19.2
40°-50°	48.2	8.4
50°-60°	17.2	3.0
60°-70°	10.1	1.8
70°-80°	5.3	0.9
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°	380.5	66.4
0°-40°	490.4	85.6
0°-60°	555.9	97.0
0°-90°	573.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	573.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	711	
5°	690	64
15°	554	154
25°	357	163
35°	175	110
45°	59	48
55°	17	17
65°	10	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1257123

CATALOG NUMBER: P3AS09R559040DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	710.8
2.5°	705.3
5°	690.4
7.5°	666.0
10°	634.5
12.5°	596.7
15°	554.2
17.5°	507.0
20°	458.2
22.5°	407.0
25°	356.6
27.5°	307.0
30°	259.8
32.5°	214.9
35°	174.8
37.5°	138.5
40°	107.8
42.5°	81.1
45°	59.0
47.5°	43.3
50°	31.5
52.5°	22.0
55°	17.3
57.5°	15.7
60°	13.4
62.5°	11.8
65°	10.2
67.5°	8.7
70°	7.1
72.5°	6.3
75°	4.7
77.5°	3.9
80°	3.1
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)