

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: P1267008

Luminaire Tested: P3A09R259735DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267008
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259735DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

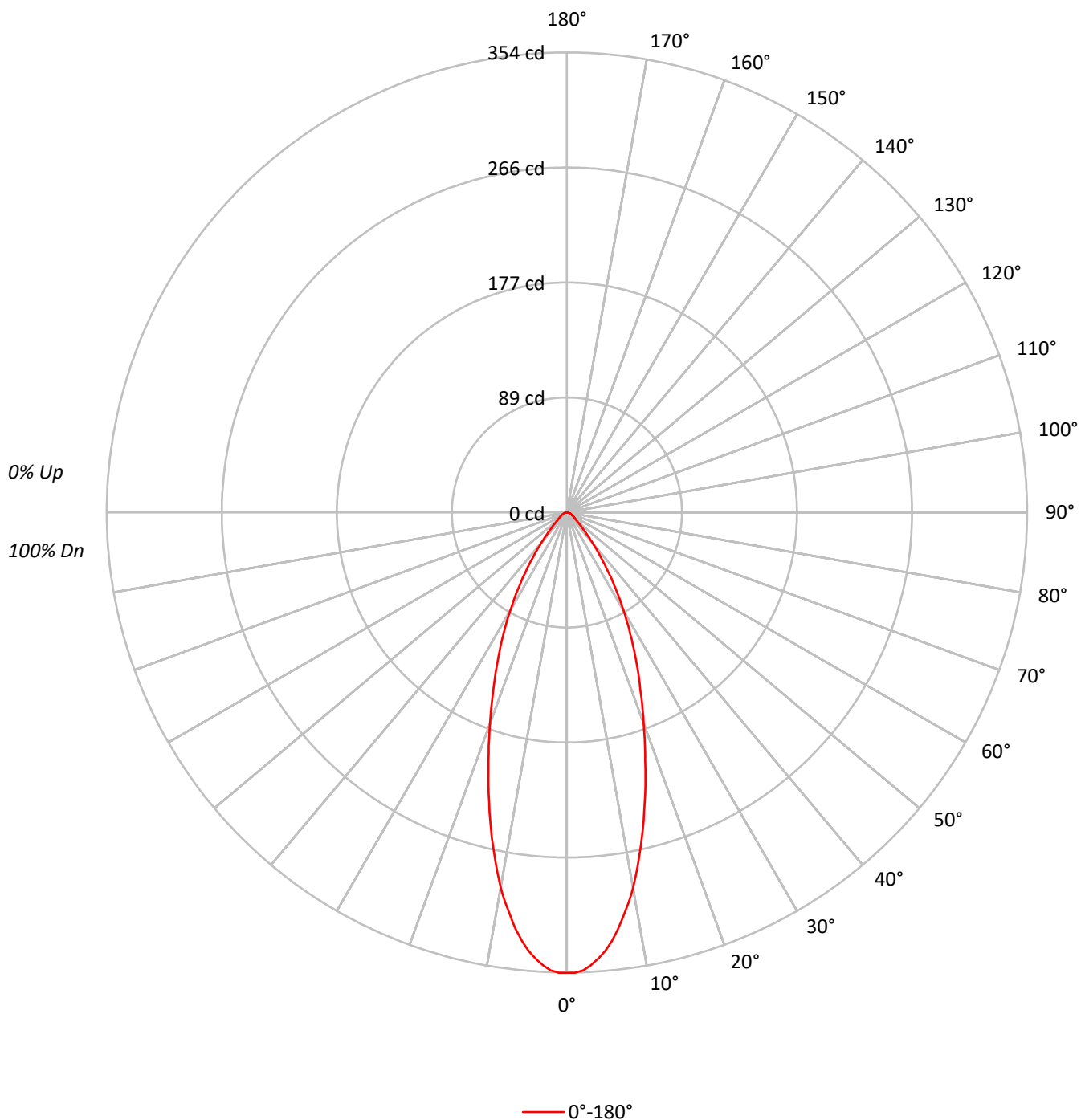
Lumens per Lamp: N/A
Luminaire Lumens: 214.0 lumens
Efficiency: N/A
Efficacy: 19.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267008

CATALOG NUMBER: P3A09R259735DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1267008

CATALOG NUMBER: P3A09R259735DE010 E3DLP1GPH

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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77691
5°	74532
10°	65307
15°	52486
20°	40324
25°	30510
30°	22054
35°	14643
40°	8874
45°	5179
50°	3309
55°	2676
60°	2324
65°	2075
70°	1731
75°	1694
80°	1263
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5179 cd/sqm

TEST NUMBER: P1267008

CATALOG NUMBER: P3A09R259735DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.8	14.4
10°-20°	63.9	29.9
20°-30°	57.8	27.0
30°-40°	34.7	16.2
40°-50°	13.8	6.5
50°-60°	6.4	3.0
60°-70°	3.9	1.8
70°-80°	2.1	1.0
80°-90°	0.6	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°	152.6	71.3
0°-40°	187.3	87.5
0°-60°	207.5	97.0
0°-90°	214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	354	
5°	339	31
15°	231	64
25°	126	58
35°	55	35
45°	17	14
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1267008

CATALOG NUMBER: P3A09R259735DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	354.3
1°	354.3
2°	352.6
3°	349.0
4°	344.3
5°	338.6
6°	331.3
7°	323.0
8°	313.3
9°	303.6
10°	293.3
11°	281.2
12°	268.9
13°	256.6
14°	244.2
15°	231.2
17.5°	200.5
20°	172.8
22.5°	147.8
25°	126.1
27.5°	105.8
30°	87.1
32.5°	70.1
35°	54.7
37.5°	41.7
40°	31.0
42.5°	22.7
45°	16.7
47.5°	12.7
50°	9.7
52.5°	8.0
55°	7.0
57.5°	6.0
60°	5.3
62.5°	4.3
65°	4.0
67.5°	3.3
70°	2.7
72.5°	2.3
75°	2.0
77.5°	1.7
80°	1.0
82.5°	0.7
85°	0.7
87.5°	0.3



TEST NUMBER: P1267008

CATALOG NUMBER: P3A09R259735DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)