

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: P1269323

Luminaire Tested: P3AS09R159740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269323
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R159740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

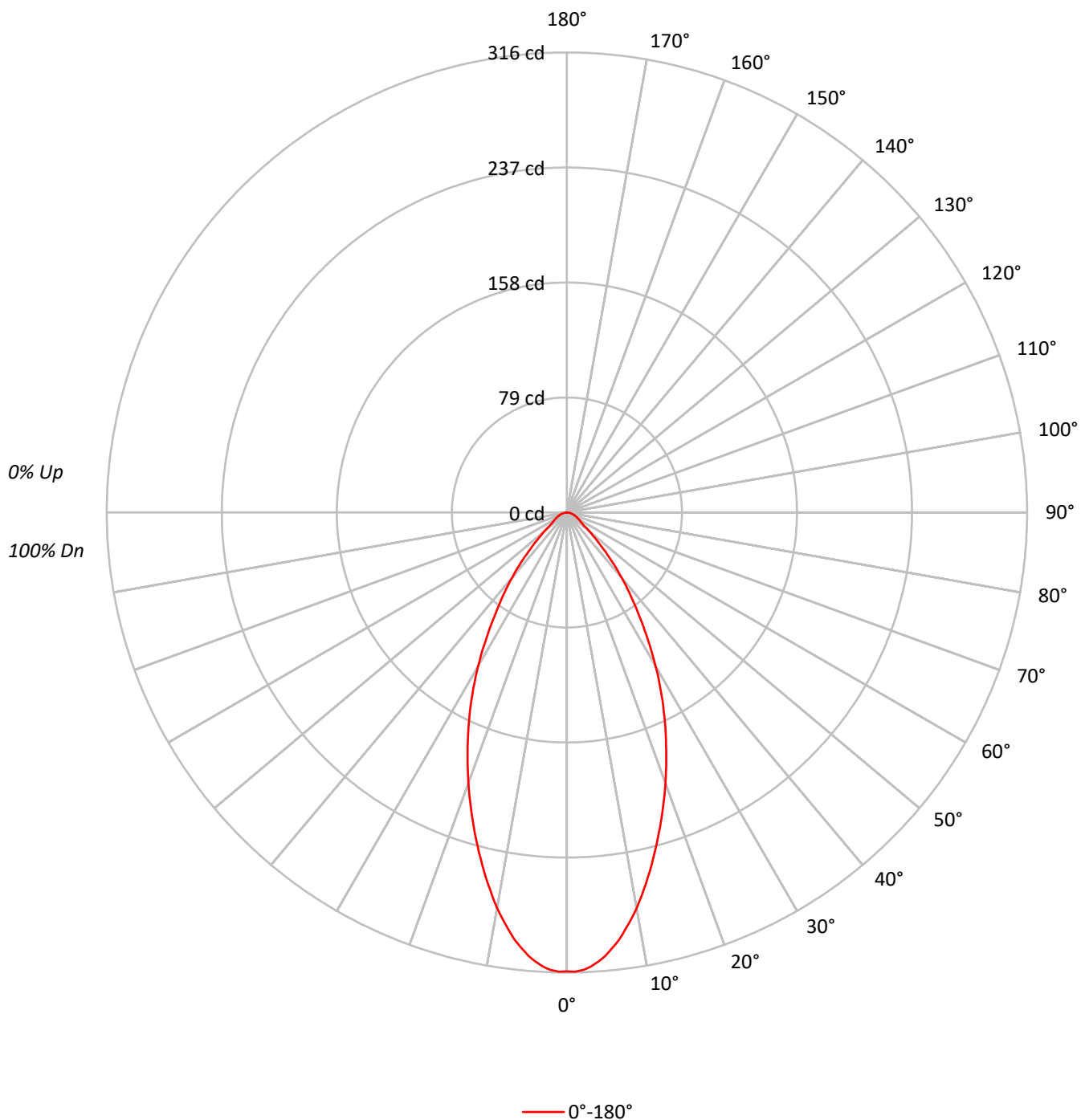
Lumens per Lamp: N/A
Luminaire Lumens: 273.9 lumens
Efficiency: N/A
Efficacy: 24.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269323

CATALOG NUMBER: P3AS09R159740DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1269323

CATALOG NUMBER: P3AS09R159740DE010 E3DLD1GPH

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	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	70	63	58	78	69	63	58	67	62	58		66	61	58		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69117
5°	67246
10°	61455
15°	53826
20°	46181
25°	38543
30°	30840
35°	23129
40°	16803
45°	10978
50°	6857
55°	4626
60°	4122
65°	3788
70°	3590
75°	3219
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10978 cd/sqm

TEST NUMBER: P1269323

CATALOG NUMBER: P3AS09R159740DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	10.3
10°-20°	66.1	24.1
20°-30°	72.8	26.6
30°-40°	54.5	19.9
40°-50°	28.2	10.3
50°-60°	11.7	4.3
60°-70°	7.2	2.6
70°-80°	4.1	1.5
80°-90°	1.1	0.4
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°	167.0	61.0
0°-40°	221.5	80.9
0°-60°	261.5	95.5
0°-90°	273.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	273.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	315	
5°	306	28
15°	237	66
25°	159	73
35°	86	55
45°	35	28
55°	12	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1269323

CATALOG NUMBER: P3AS09R159740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	315.2
1°	315.5
2°	314.5
3°	312.4
4°	309.3
5°	305.5
6°	300.6
7°	295.4
8°	289.1
9°	282.6
10°	276.0
12.5°	256.9
15°	237.1
17.5°	217.3
20°	197.9
22.5°	178.1
25°	159.3
27.5°	140.6
30°	121.8
32.5°	103.4
35°	86.4
37.5°	71.9
40°	58.7
42.5°	46.5
45°	35.4
47.5°	26.7
50°	20.1
52.5°	14.9
55°	12.1
57.5°	10.8
60°	9.4
62.5°	8.3
65°	7.3
67.5°	6.2
70°	5.6
72.5°	4.5
75°	3.8
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)