

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: P1246569

Luminaire Tested: P3A09R459024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246569
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R459024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

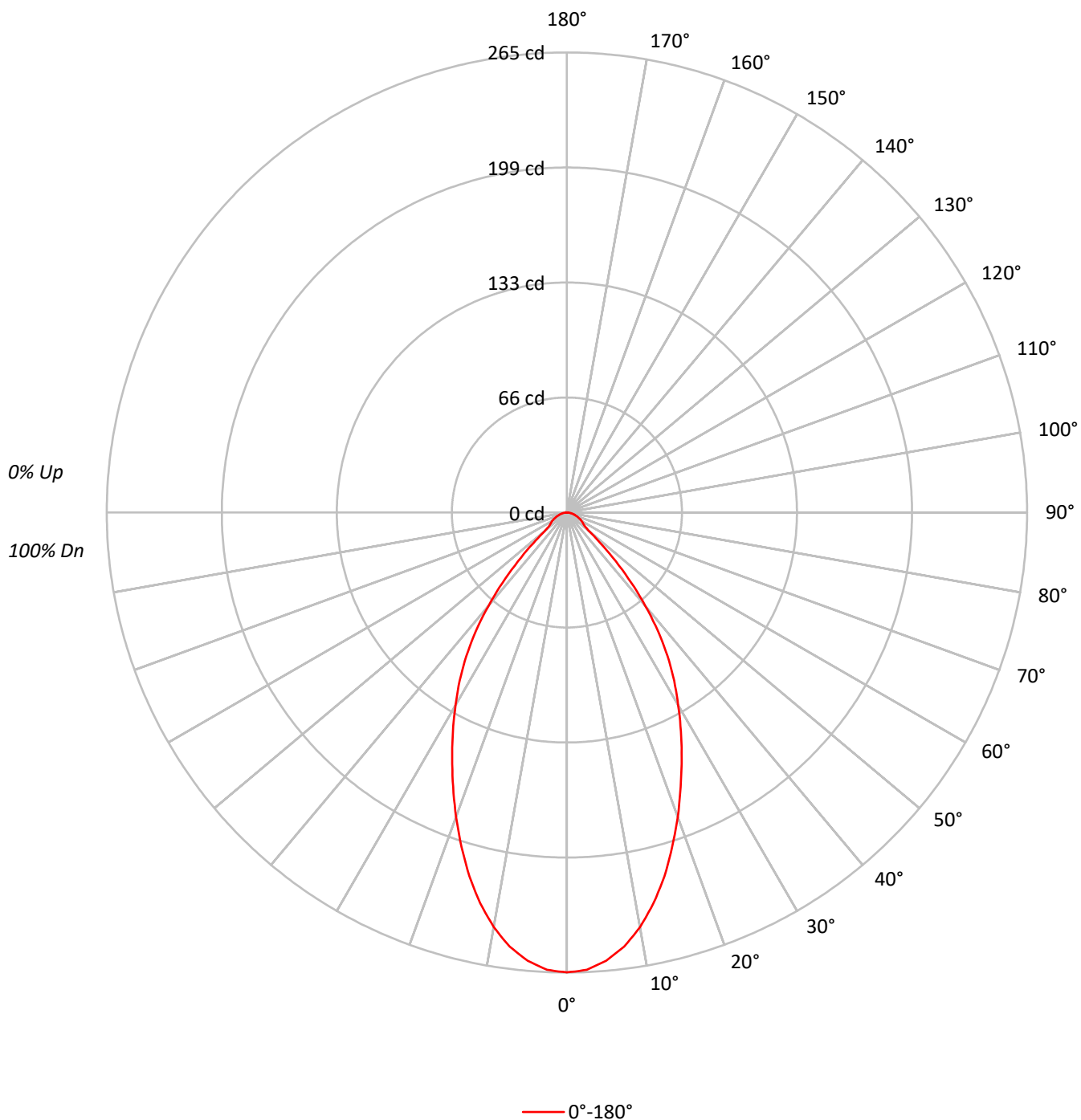
Lumens per Lamp: N/A
Luminaire Lumens: 273.9 lumens
Efficiency: N/A
Efficacy: 24.7 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246569

CATALOG NUMBER: P3A09R459024DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1246569

CATALOG NUMBER: P3A09R459024DE010 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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	91	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	58087
5°	57055
10°	53996
15°	49240
20°	43544
25°	37817
30°	32461
35°	27037
40°	20152
45°	12342
50°	5697
55°	4473
60°	4298
65°	3943
70°	3654
75°	3474
80°	3157
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12342 cd/sqm

TEST NUMBER: P1246569

CATALOG NUMBER: P3A09R459024DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.2	8.8
10°-20°	60.4	22.0
20°-30°	71.8	26.2
30°-40°	62.3	22.8
40°-50°	31.3	11.4
50°-60°	10.8	4.0
60°-70°	7.6	2.8
70°-80°	4.2	1.6
80°-90°	1.3	0.5
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°	156.4	57.1
0°-40°	218.7	79.8
0°-60°	260.8	95.2
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°	265	
5°	259	24
15°	217	60
25°	156	72
35°	101	62
45°	40	31
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1246569

CATALOG NUMBER: P3A09R459024DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	264.9
2.5°	263.7
5°	259.2
7.5°	252.3
10°	242.5
12.5°	230.5
15°	216.9
17.5°	201.8
20°	186.6
22.5°	171.1
25°	156.3
27.5°	142.1
30°	128.2
32.5°	114.9
35°	101.0
37.5°	86.2
40°	70.4
42.5°	54.9
45°	39.8
47.5°	26.2
50°	16.7
52.5°	12.9
55°	11.7
57.5°	10.7
60°	9.8
62.5°	8.8
65°	7.6
67.5°	6.6
70°	5.7
72.5°	4.7
75°	4.1
77.5°	3.2
80°	2.5
82.5°	1.9
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)