

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: P1257058

Luminaire Tested: P3AS09R459040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257058
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: P3AS09R459040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

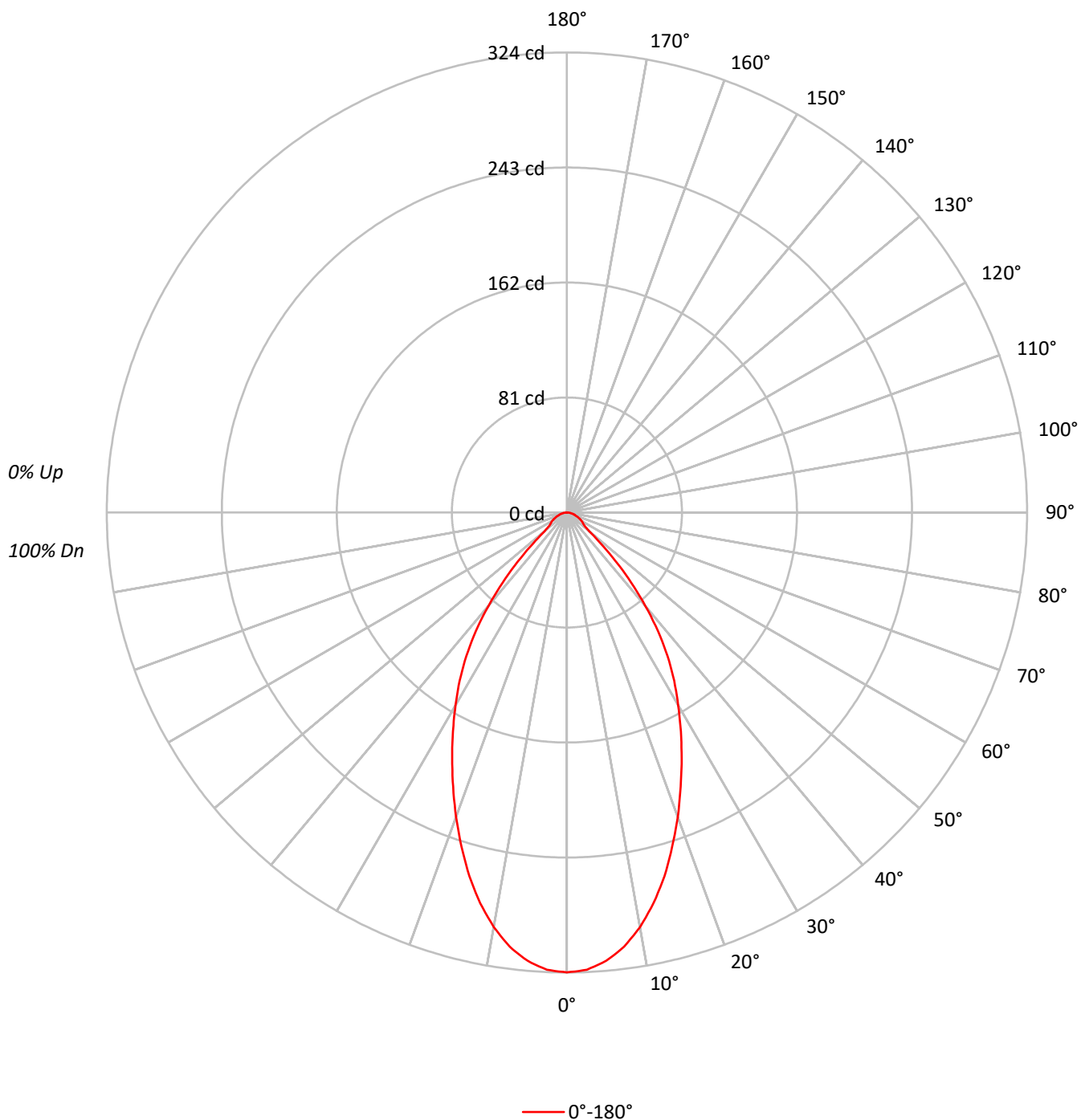
Lumens per Lamp: N/A
Luminaire Lumens: 335.0 lumens
Efficiency: N/A
Efficacy: 30.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257058

CATALOG NUMBER: P3AS09R459040DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1257058

CATALOG NUMBER: P3AS09R459040DE010 E3DLD1GPH

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		91
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		83
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		75
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		69
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		63
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		58
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		54
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		50
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		47
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	71025
5°	69777
10°	66020
15°	60205
20°	53251
25°	46237
30°	39677
35°	33060
40°	24646
45°	15071
50°	6993
55°	5467
60°	5263
65°	4825
70°	4424
75°	4236
80°	3915
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 15071 cd/sqm

TEST NUMBER: P1257058

CATALOG NUMBER: P3AS09R459040DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.6	8.8
10°-20°	73.8	22.0
20°-30°	87.7	26.2
30°-40°	76.2	22.8
40°-50°	38.2	11.4
50°-60°	13.3	4.0
60°-70°	9.3	2.8
70°-80°	5.2	1.6
80°-90°	1.6	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°	191.2	57.1
0°-40°	267.4	79.8
0°-60°	318.9	95.2
0°-90°	335.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	335.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	324	
5°	317	30
15°	265	74
25°	191	88
35°	124	76
45°	49	38
55°	14	13
65°	9	9
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1257058

CATALOG NUMBER: P3AS09R459040DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	323.9
2.5°	322.4
5°	317.0
7.5°	308.5
10°	296.5
12.5°	281.8
15°	265.2
17.5°	246.7
20°	228.2
22.5°	209.2
25°	191.1
27.5°	173.7
30°	156.7
32.5°	140.5
35°	123.5
37.5°	105.4
40°	86.1
42.5°	67.2
45°	48.6
47.5°	32.0
50°	20.5
52.5°	15.8
55°	14.3
57.5°	13.1
60°	12.0
62.5°	10.8
65°	9.3
67.5°	8.1
70°	6.9
72.5°	5.8
75°	5.0
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)