

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: P1257033

Luminaire Tested: P3AS09R409040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257033
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

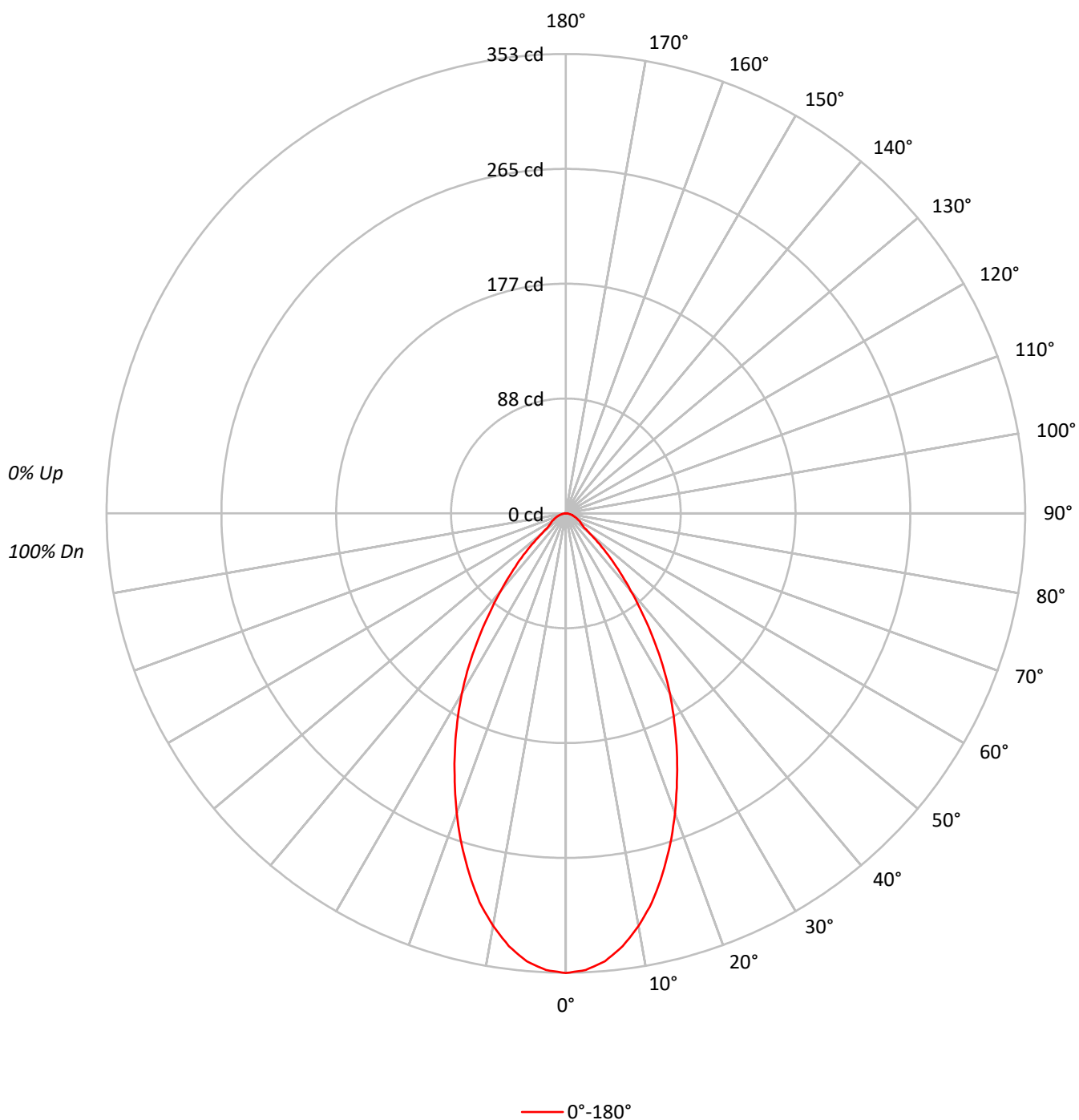
Lumens per Lamp: N/A
Luminaire Lumens: 345.0 lumens
Efficiency: N/A
Efficacy: 31.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	104		110	107	104	102		103	101	99		99	98	96		96	94	93
2	106	100	96	92		104	98	94	91		95	92	89		92	89	87		89	87	85
3	100	92	87	82		98	91	86	81		88	84	80		86	82	79		83	80	78
4	94	85	79	74		92	84	78	74		82	77	73		80	75	72		78	74	71
5	89	79	73	68		87	78	72	67		76	71	67		75	70	66		73	69	66
6	84	74	67	62		82	73	67	62		71	66	61		70	65	61		68	64	61
7	79	69	62	57		78	68	62	57		67	61	57		65	60	57		64	60	56
8	75	64	58	53		74	64	57	53		63	57	53		62	56	53		61	56	52
9	71	60	54	50		70	60	54	50		59	53	49		58	53	49		57	52	49
10	67	57	51	46		66	56	50	46		56	50	46		55	50	46		54	49	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77450
5°	76051
10°	71675
15°	65108
20°	57195
25°	48850
30°	40462
35°	31213
40°	22213
45°	14947
50°	8153
55°	5773
60°	5438
65°	4981
70°	4424
75°	4236
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14947 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.2	9.3
10°-20°	79.9	23.2
20°-30°	92.4	26.8
30°-40°	72.8	21.1
40°-50°	37.4	10.8
50°-60°	14.3	4.1
60°-70°	9.4	2.7
70°-80°	5.1	1.5
80°-90°	1.5	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°	204.5	59.3
0°-40°	277.2	80.4
0°-60°	328.9	95.3
0°-90°	345.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	345.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	353	
5°	346	32
15°	287	80
25°	202	92
35°	117	73
45°	48	37
55°	15	14
65°	10	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	353.2
2.5°	351.2
5°	345.5
7.5°	335.4
10°	321.9
12.5°	306.1
15°	286.8
17.5°	266.7
20°	245.1
22.5°	223.1
25°	201.9
27.5°	180.6
30°	159.8
32.5°	138.6
35°	116.6
37.5°	96.1
40°	77.6
42.5°	61.8
45°	48.2
47.5°	35.1
50°	23.9
52.5°	17.4
55°	15.1
57.5°	13.5
60°	12.4
62.5°	10.8
65°	9.6
67.5°	8.1
70°	6.9
72.5°	5.8
75°	5.0
77.5°	3.9
80°	2.7
82.5°	2.3
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)