

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: P1262330

Luminaire Tested: P3AS09R409727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262330
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

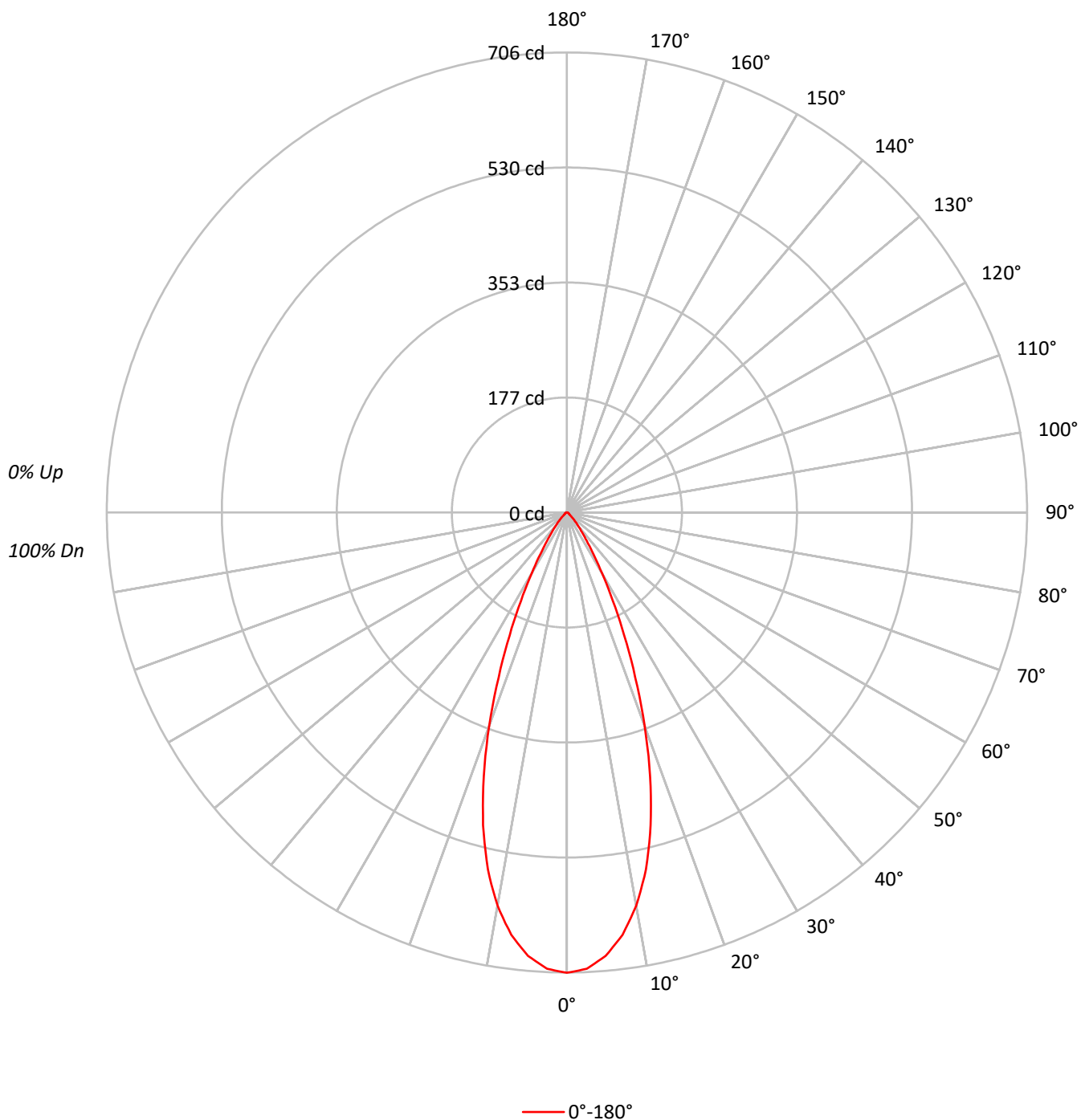
Lumens per Lamp: N/A
Luminaire Lumens: 350.0 lumens
Efficiency: N/A
Efficacy: 31.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	154878
5°	150363
10°	136448
15°	112736
20°	81324
25°	50301
30°	27219
35°	14081
40°	7643
45°	4280
50°	2149
55°	1606
60°	1447
65°	1401
70°	1346
75°	1271
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4280 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.0	18.0
10°-20°	135.2	38.6
20°-30°	96.5	27.6
30°-40°	35.5	10.2
40°-50°	11.2	3.2
50°-60°	3.9	1.1
60°-70°	2.7	0.8
70°-80°	1.6	0.5
80°-90°	0.4	0.1
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°	294.7	84.2
0°-40°	330.2	94.4
0°-60°	345.3	98.7
0°-90°	350.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	350.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	706	
5°	683	63
15°	497	135
25°	208	96
35°	53	36
45°	14	11
55°	4	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	706.3
2.5°	700.9
5°	683.1
7.5°	653.7
10°	612.8
12.5°	560.9
15°	496.6
17.5°	424.5
20°	348.5
22.5°	273.7
25°	207.9
27.5°	152.6
30°	107.5
32.5°	75.4
35°	52.6
37.5°	37.3
40°	26.7
42.5°	19.2
45°	13.8
47.5°	9.3
50°	6.3
52.5°	4.5
55°	4.2
57.5°	3.9
60°	3.3
62.5°	3.0
65°	2.7
67.5°	2.4
70°	2.1
72.5°	1.8
75°	1.5
77.5°	1.2
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)