

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: P1250832

Luminaire Tested: P3AS02R409030DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250832
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: P3AS02R409030DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

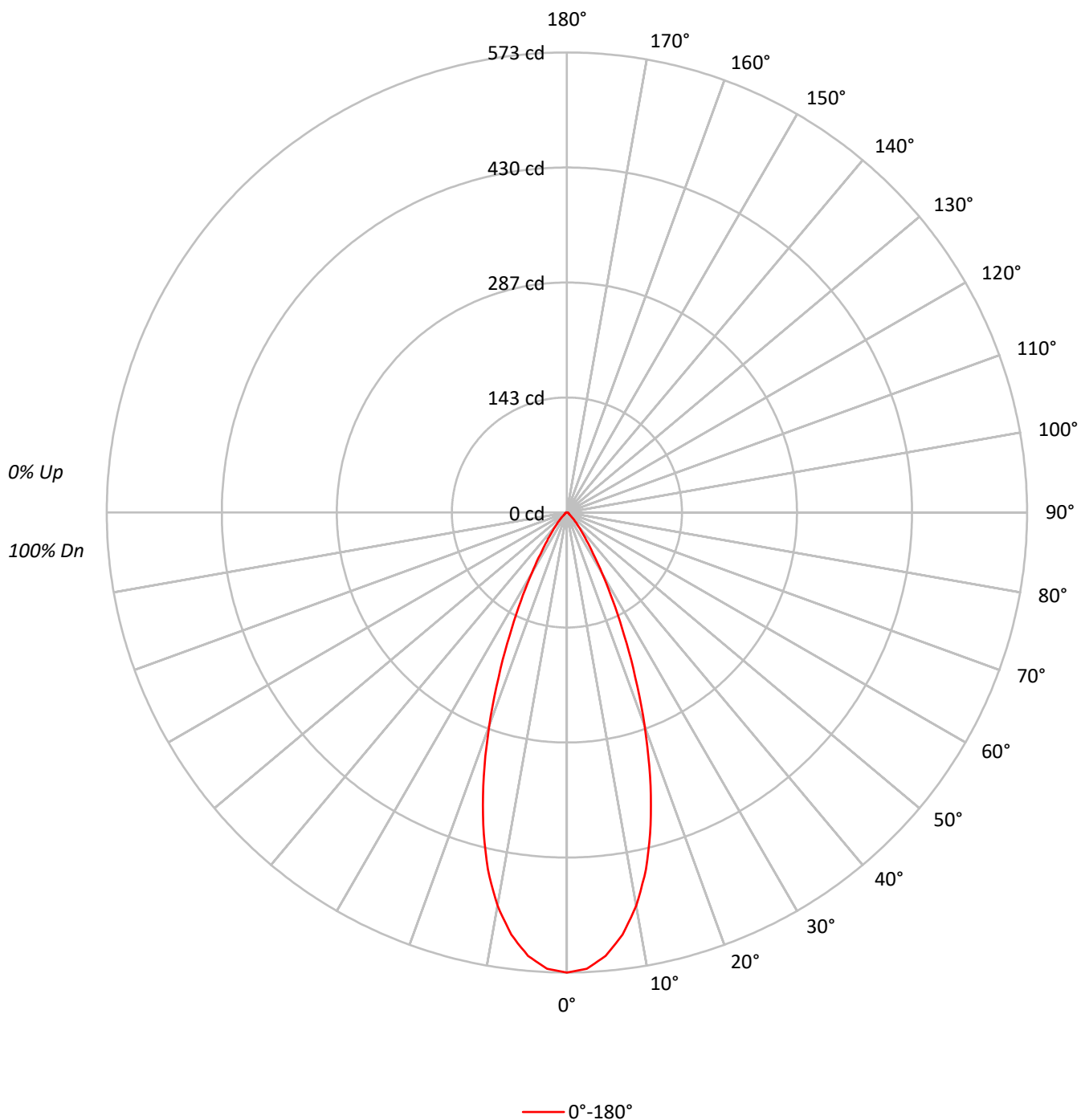
Lumens per Lamp: N/A
Luminaire Lumens: 284.0 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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				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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		94
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		89
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		84
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		80
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		76
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		72
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		69
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		65
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		63
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	125670
5°	122012
10°	110731
15°	91465
20°	65992
25°	40817
30°	22105
35°	11430
40°	6212
45°	3473
50°	1740
55°	1300
60°	1184
65°	1141
70°	1090
75°	1017
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3473 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.1	18.0
10°-20°	109.7	38.6
20°-30°	78.3	27.6
30°-40°	28.8	10.2
40°-50°	9.1	3.2
50°-60°	3.2	1.1
60°-70°	2.2	0.8
70°-80°	1.3	0.5
80°-90°	0.3	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°	239.1	84.2
0°-40°	268.0	94.3
0°-60°	280.2	98.7
0°-90°	284.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	284.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	573	
5°	554	51
15°	403	110
25°	169	78
35°	43	29
45°	11	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	573.1
2.5°	568.7
5°	554.3
7.5°	530.4
10°	497.3
12.5°	455.1
15°	402.9
17.5°	344.4
20°	282.8
22.5°	222.1
25°	168.7
27.5°	123.8
30°	87.3
32.5°	61.2
35°	42.7
37.5°	30.2
40°	21.7
42.5°	15.6
45°	11.2
47.5°	7.6
50°	5.1
52.5°	3.7
55°	3.4
57.5°	3.2
60°	2.7
62.5°	2.4
65°	2.2
67.5°	2.0
70°	1.7
72.5°	1.5
75°	1.2
77.5°	1.0
80°	0.7
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)