

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: P1245753

Luminaire Tested: P3A02R409024DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245753
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R409024DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

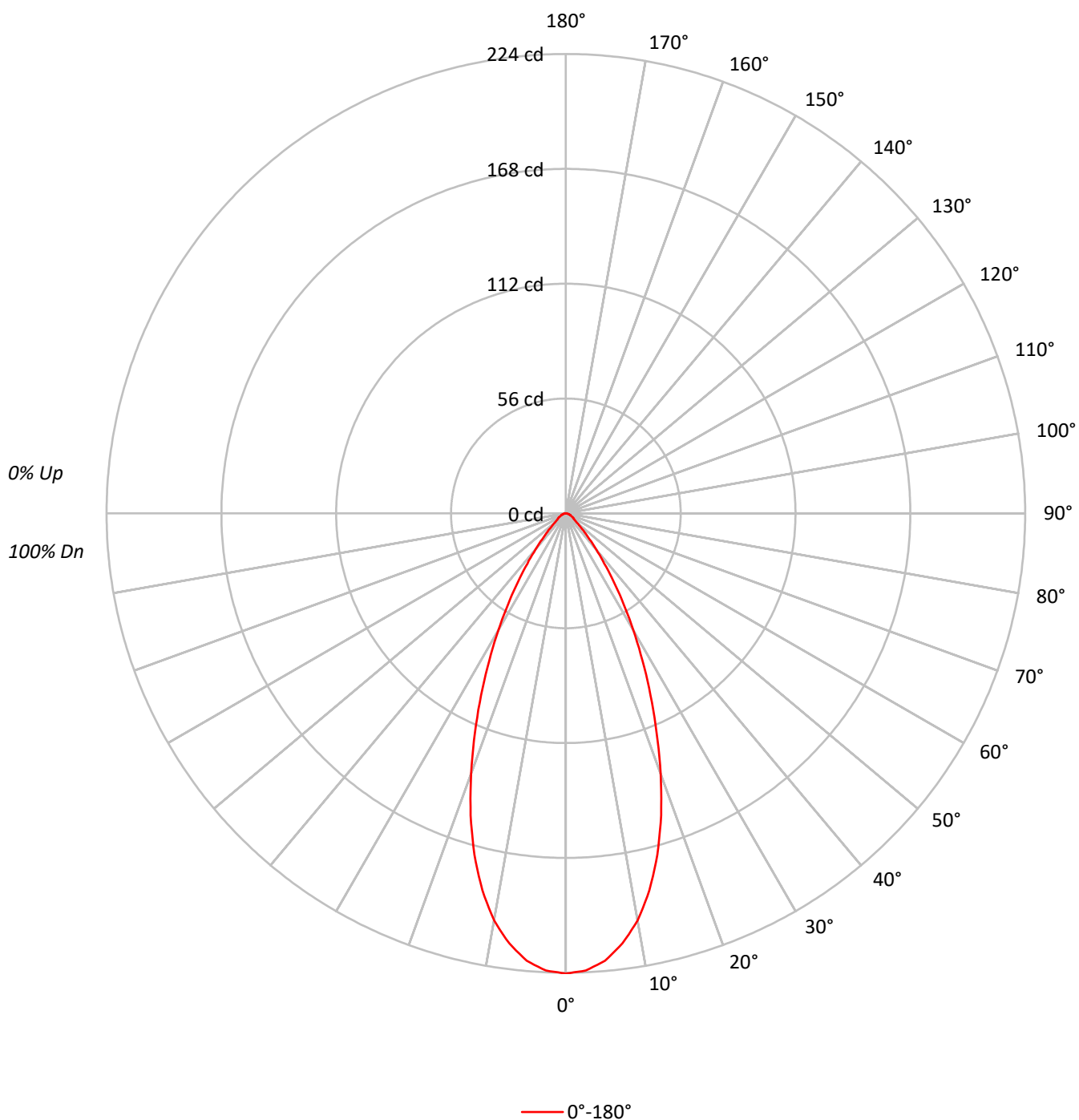
Lumens per Lamp: N/A
Luminaire Lumens: 158.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49207
5°	48206
10°	44889
15°	39115
20°	31526
25°	23638
30°	16610
35°	10895
40°	6584
45°	3938
50°	2354
55°	1873
60°	1710
65°	1453
70°	1410
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3938 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	12.9
10°-20°	47.5	30.0
20°-30°	44.7	28.3
30°-40°	25.9	16.4
40°-50°	10.3	6.5
50°-60°	4.6	2.9
60°-70°	2.8	1.8
70°-80°	1.5	0.9
80°-90°	0.4	0.3
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°	112.5	71.2
0°-40°	138.4	87.6
0°-60°	153.2	97.0
0°-90°	158.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	158.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	224	
5°	219	20
15°	172	47
25°	98	45
35°	41	26
45°	13	10
55°	5	5
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	224.4
2.5°	223.1
5°	219.0
7.5°	211.5
10°	201.6
12.5°	188.2
15°	172.3
17.5°	154.4
20°	135.1
22.5°	115.7
25°	97.7
27.5°	80.9
30°	65.6
32.5°	52.3
35°	40.7
37.5°	30.8
40°	23.0
42.5°	17.2
45°	12.7
47.5°	9.2
50°	6.9
52.5°	5.6
55°	4.9
57.5°	4.5
60°	3.9
62.5°	3.2
65°	2.8
67.5°	2.4
70°	2.2
72.5°	1.7
75°	1.3
77.5°	1.1
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)