

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: P1255797

Luminaire Tested: P3A24R409035D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255797
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: P3A24R409035D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

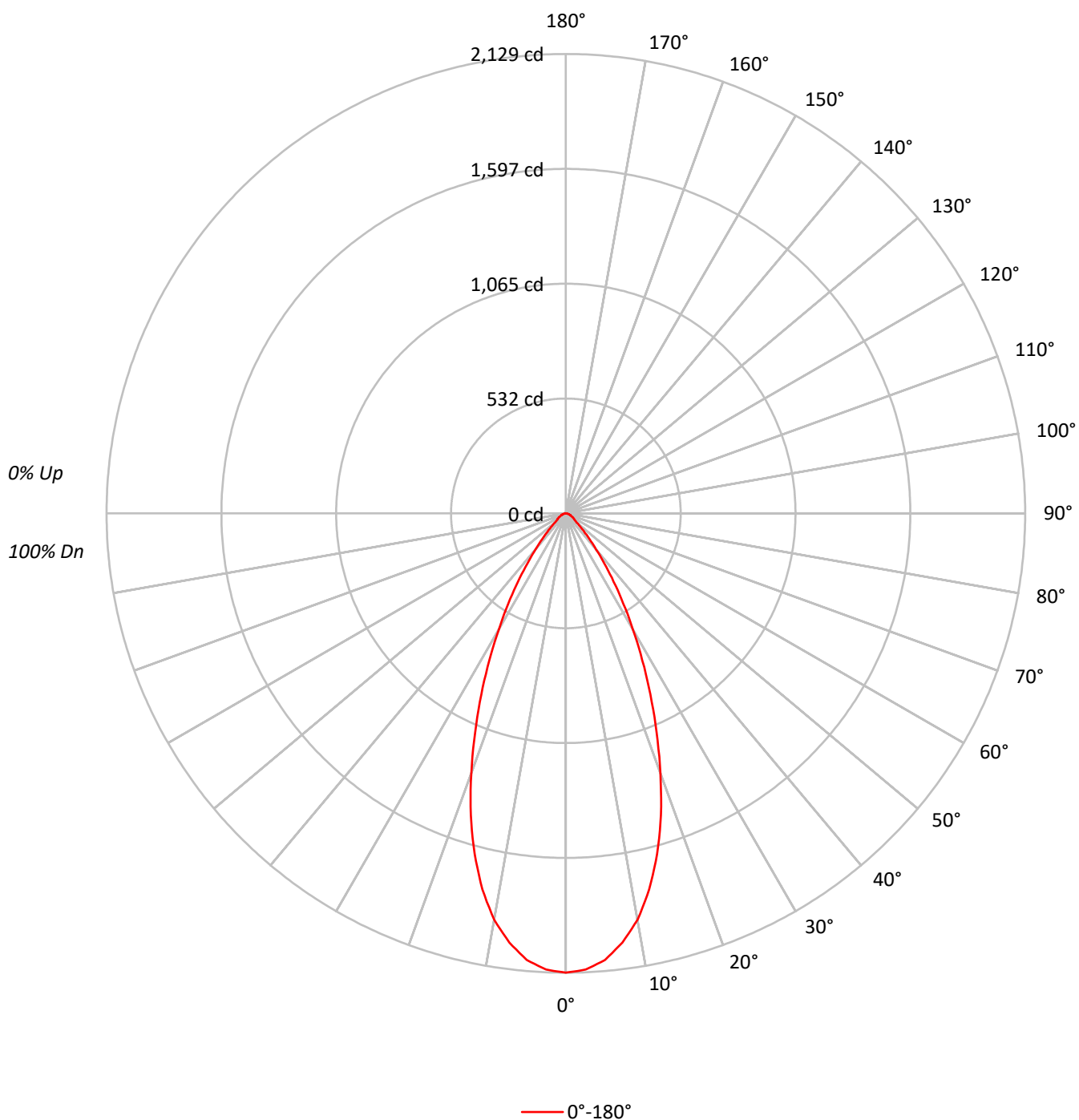
Lumens per Lamp: N/A
Luminaire Lumens: 1498.9 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	466761
5°	457296
10°	425777
15°	371103
20°	299066
25°	224166
30°	157594
35°	103249
40°	62517
45°	37337
50°	22276
55°	17930
60°	16095
65°	13750
70°	13079
75°	10336
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37337 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.9	12.9
10°-20°	450.2	30.0
20°-30°	424.3	28.3
30°-40°	245.3	16.4
40°-50°	97.8	6.5
50°-60°	43.3	2.9
60°-70°	26.7	1.8
70°-80°	14.0	0.9
80°-90°	4.4	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°	1067.4	71.2
0°-40°	1312.8	87.6
0°-60°	1453.8	97.0
0°-90°	1498.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1498.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2129	
5°	2078	193
15°	1635	450
25°	926	424
35°	386	245
45°	120	98
55°	47	43
65°	26	27
75°	12	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2128.6
2.5°	2116.3
5°	2077.5
7.5°	2006.1
10°	1912.2
12.5°	1785.7
15°	1634.7
17.5°	1465.3
20°	1281.6
22.5°	1098.0
25°	926.5
27.5°	767.3
30°	622.4
32.5°	495.9
35°	385.7
37.5°	291.8
40°	218.4
42.5°	163.3
45°	120.4
47.5°	87.8
50°	65.3
52.5°	53.1
55°	46.9
57.5°	42.9
60°	36.7
62.5°	30.6
65°	26.5
67.5°	22.4
70°	20.4
72.5°	16.3
75°	12.2
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)