

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: P1258507

Luminaire Tested: P3AS24R409040D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258507
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: P3AS24R409040D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

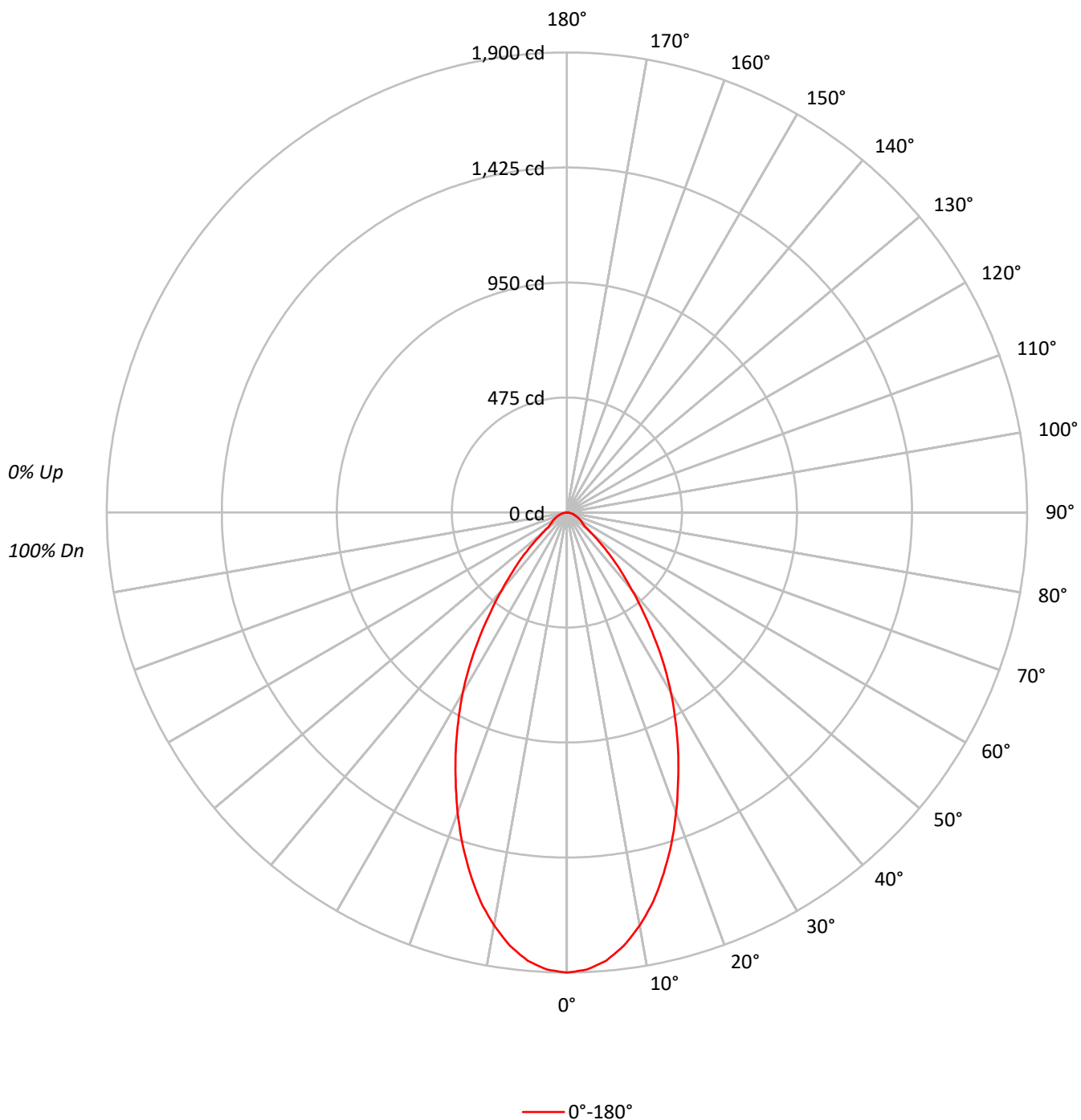
Lumens per Lamp: N/A
Luminaire Lumens: 1856.0 lumens
Efficiency: N/A
Efficacy: 64.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1258507

CATALOG NUMBER: P3AS24R409040D010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1258507

CATALOG NUMBER: P3AS24R409040D010 E3DLD1H

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	416633
5°	409090
10°	385609
15°	350240
20°	307700
25°	262757
30°	217679
35°	167870
40°	119481
45°	80504
50°	43905
55°	30967
60°	29120
65°	26929
70°	23978
75°	22875
80°	18310
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 80504 cd/sqm

TEST NUMBER: P1258507

CATALOG NUMBER: P3AS24R409040D010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.3	9.3
10°-20°	429.8	23.2
20°-30°	496.8	26.8
30°-40°	391.6	21.1
40°-50°	201.0	10.8
50°-60°	76.8	4.1
60°-70°	50.8	2.7
70°-80°	27.6	1.5
80°-90°	8.2	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°	1099.9	59.3
0°-40°	1491.5	80.4
0°-60°	1769.3	95.3
0°-90°	1856.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1856.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1900	
5°	1858	173
15°	1543	430
25°	1086	497
35°	627	392
45°	260	201
55°	81	77
65°	52	51
75°	27	28
85°	6	8
90°	0	

TEST NUMBER: P1258507

CATALOG NUMBER: P3AS24R409040D010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1900.0
2.5°	1889.6
5°	1858.5
7.5°	1804.5
10°	1731.8
12.5°	1646.7
15°	1542.8
17.5°	1434.9
20°	1318.6
22.5°	1200.2
25°	1086.0
27.5°	971.8
30°	859.7
32.5°	745.5
35°	627.1
37.5°	517.0
40°	417.4
42.5°	332.2
45°	259.6
47.5°	189.0
50°	128.7
52.5°	93.4
55°	81.0
57.5°	72.7
60°	66.4
62.5°	58.1
65°	51.9
67.5°	43.6
70°	37.4
72.5°	31.1
75°	27.0
77.5°	20.8
80°	14.5
82.5°	12.5
85°	6.2
87.5°	4.2
90°	0.0

(END OF REPORT)