

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: P1255801

Luminaire Tested: P3A24R409035D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255801
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: P3A24R409035D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

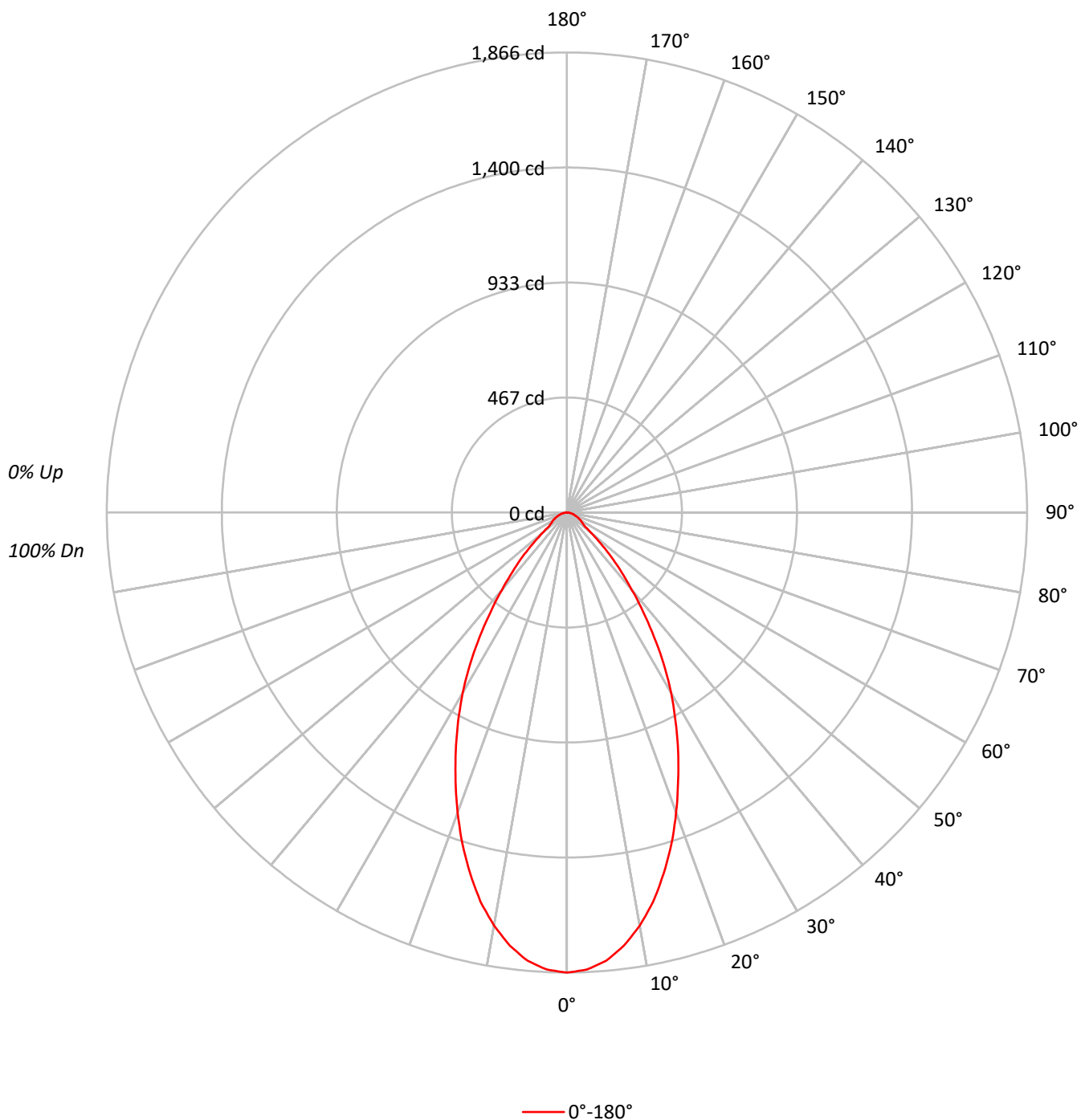
Lumens per Lamp: N/A
Luminaire Lumens: 1823.0 lumens
Efficiency: N/A
Efficacy: 63.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255801

CATALOG NUMBER: P3A24R409035D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1255801

CATALOG NUMBER: P3A24R409035D010 E3DLD1LI

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°	409222
5°	401804
10°	378751
15°	344020
20°	302216
25°	258087
30°	213805
35°	164898
40°	117363
45°	79047
50°	43154
55°	30393
60°	28638
65°	26462
70°	23530
75°	22452
80°	18058
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 79047 cd/sqm

TEST NUMBER: P1255801

CATALOG NUMBER: P3A24R409035D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.2	9.3
10°-20°	422.1	23.2
20°-30°	488.0	26.8
30°-40°	384.6	21.1
40°-50°	197.4	10.8
50°-60°	75.5	4.1
60°-70°	49.9	2.7
70°-80°	27.2	1.5
80°-90°	8.0	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°	1080.4	59.3
0°-40°	1465.0	80.4
0°-60°	1737.9	95.3
0°-90°	1823.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1823.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1866	
5°	1825	170
15°	1515	422
25°	1067	488
35°	616	385
45°	255	197
55°	80	75
65°	51	50
75°	26	27
85°	6	8
90°	0	

TEST NUMBER: P1255801

CATALOG NUMBER: P3A24R409035D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1866.2
2.5°	1856.0
5°	1825.4
7.5°	1772.4
10°	1701.0
12.5°	1617.4
15°	1515.4
17.5°	1409.4
20°	1295.1
22.5°	1178.9
25°	1066.7
27.5°	954.5
30°	844.4
32.5°	732.2
35°	616.0
37.5°	507.9
40°	410.0
42.5°	326.3
45°	254.9
47.5°	185.6
50°	126.5
52.5°	91.8
55°	79.5
57.5°	71.4
60°	65.3
62.5°	57.1
65°	51.0
67.5°	42.8
70°	36.7
72.5°	30.6
75°	26.5
77.5°	20.4
80°	14.3
82.5°	12.2
85°	6.1
87.5°	4.1
90°	0.0

(END OF REPORT)