

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: P1255643

Luminaire Tested: P3AS24R159035D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255643
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159035D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

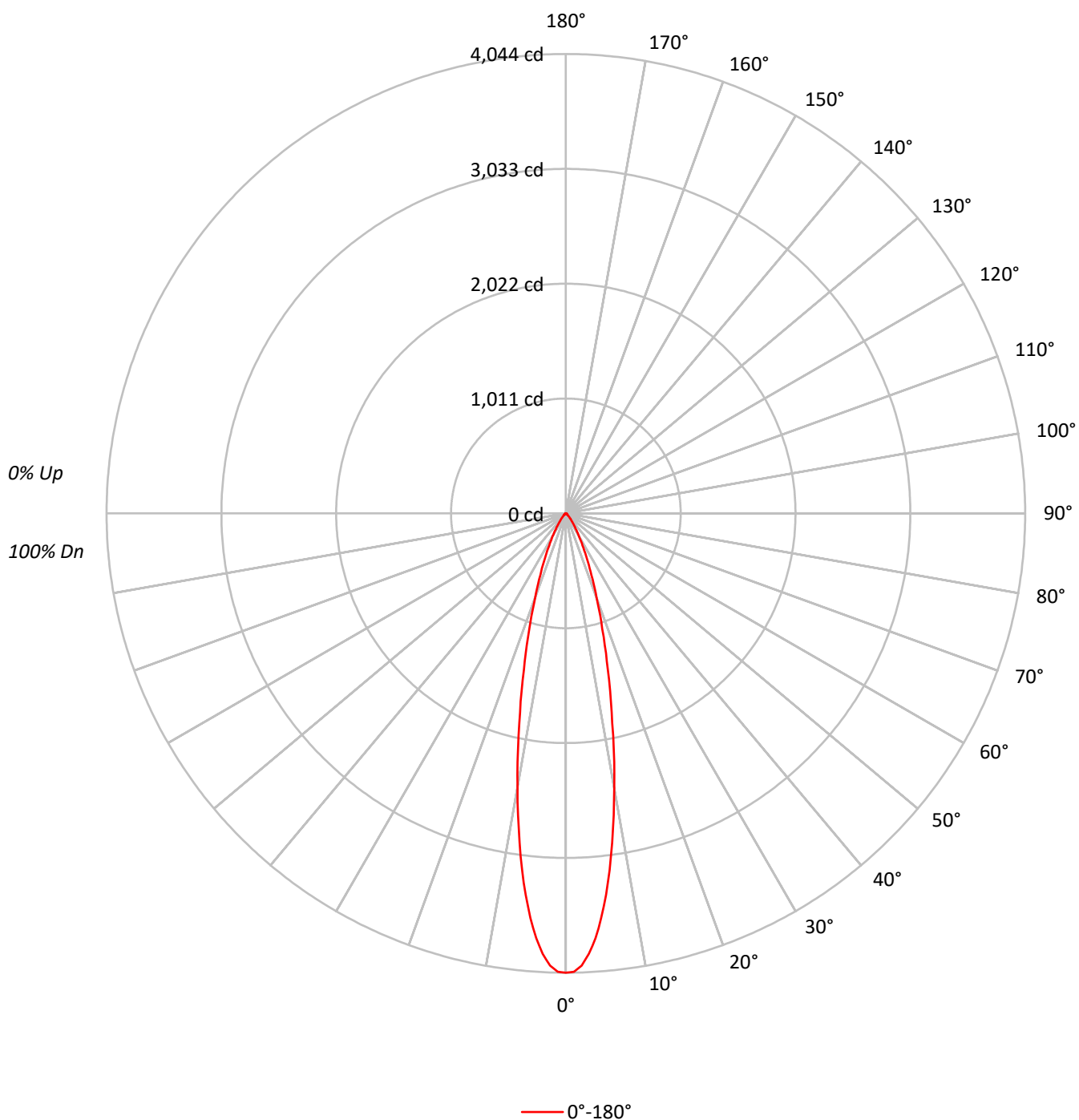
Lumens per Lamp: N/A
Luminaire Lumens: 1038.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255643

CATALOG NUMBER: P3AS24R159035D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1255643

CATALOG NUMBER: P3AS24R159035D010 E3DL1GPH

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	886727
5°	787099
10°	546616
15°	323248
20°	184116
25°	105248
30°	58237
35°	31052
40°	17175
45°	9303
50°	5799
55°	4588
60°	3947
65°	3632
70°	3206
75°	3389
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9303 cd/sqm

TEST NUMBER: P1255643

CATALOG NUMBER: P3AS24R159035D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	304.1	29.3
10°-20°	401.3	38.7
20°-30°	206.6	19.9
30°-40°	77.6	7.5
40°-50°	25.4	2.4
50°-60°	10.9	1.1
60°-70°	6.9	0.7
70°-80°	4.1	0.4
80°-90°	1.1	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°	912.0	87.9
0°-40°	989.6	95.3
0°-60°	1025.9	98.8
0°-90°	1038.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1038.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4044	
5°	3576	304
15°	1424	401
25°	435	207
35°	116	78
45°	30	25
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1255643

CATALOG NUMBER: P3AS24R159035D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	4043.8
1°	4035.8
2°	3982.8
3°	3881.8
4°	3748.8
5°	3575.8
6°	3379.8
7°	3164.8
8°	2925.8
9°	2689.9
10°	2454.9
12.5°	1888.9
15°	1423.9
17.5°	1065.9
20°	789.0
22.5°	589.0
25°	435.0
27.5°	317.0
30°	230.0
32.5°	163.0
35°	116.0
37.5°	83.0
40°	60.0
42.5°	43.0
45°	30.0
47.5°	22.0
50°	17.0
52.5°	14.0
55°	12.0
57.5°	10.0
60°	9.0
62.5°	8.0
65°	7.0
67.5°	6.0
70°	5.0
72.5°	5.0
75°	4.0
77.5°	3.0
80°	2.0
82.5°	2.0
85°	1.0
87.5°	0.0
90°	0.0

(END OF REPORT)