

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: P1255967

Luminaire Tested: P3A24R709035D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255967
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R709035D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

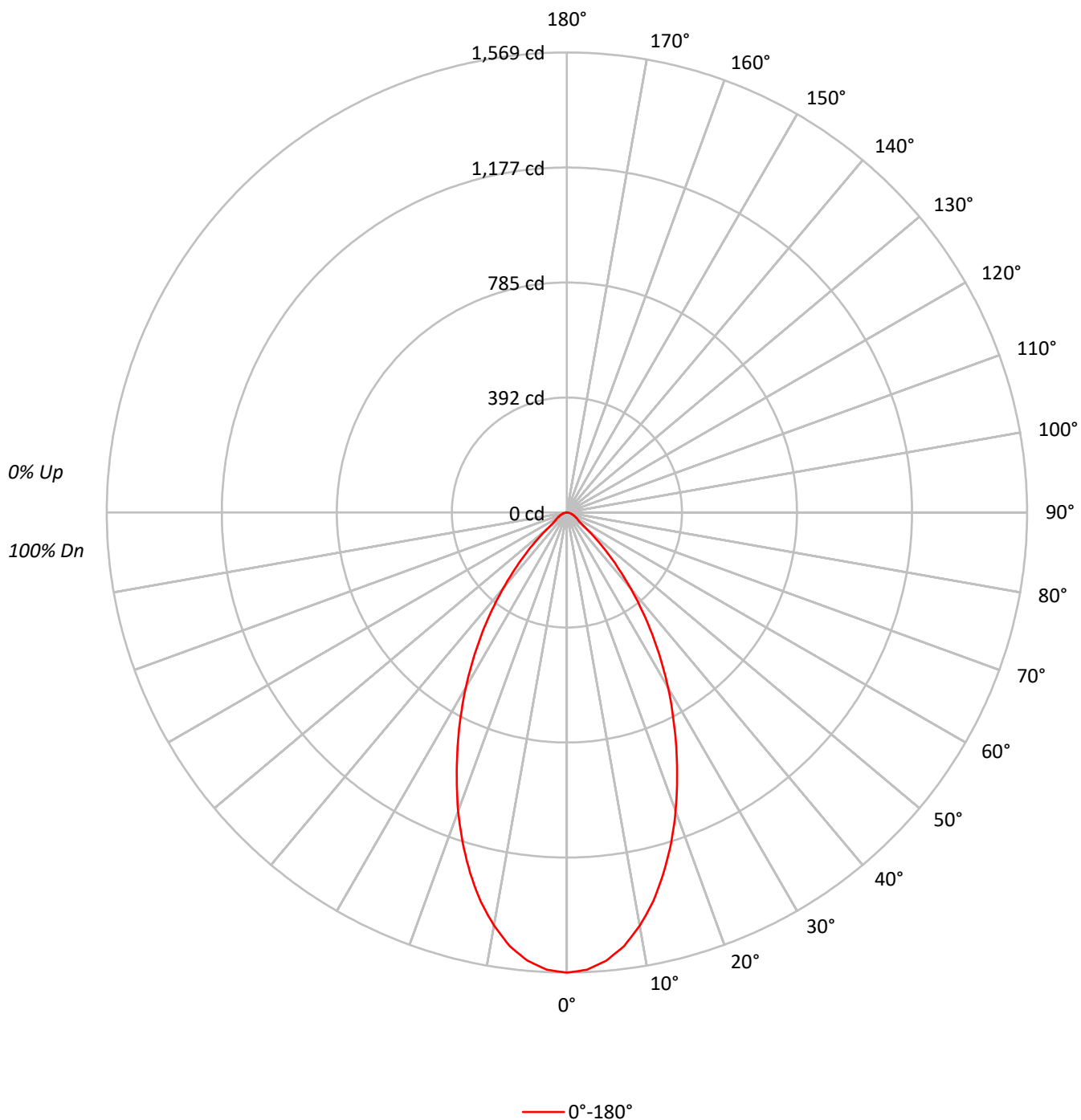
Lumens per Lamp: N/A
Luminaire Lumens: 1467.0 lumens
Efficiency: N/A
Efficacy: 50.9 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255967

CATALOG NUMBER: P3A24R709035D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1255967

CATALOG NUMBER: P3A24R709035D010 E3DL1WH

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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	344095
5°	337772
10°	318520
15°	289060
20°	252862
25°	213278
30°	174634
35°	135479
40°	96953
45°	61371
50°	30634
55°	18733
60°	16095
65°	14839
70°	13079
75°	12115
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 61371 cd/sqm

TEST NUMBER: P1255967

CATALOG NUMBER: P3A24R709035D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.2	9.8
10°-20°	354.3	24.2
20°-30°	403.5	27.5
30°-40°	315.6	21.5
40°-50°	155.0	10.6
50°-60°	47.7	3.3
60°-70°	28.2	1.9
70°-80°	15.1	1.0
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°	901.0	61.4
0°-40°	1216.6	82.9
0°-60°	1419.2	96.7
0°-90°	1467.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1467.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1569	
5°	1534	143
15°	1273	354
25°	882	404
35°	506	316
45°	198	155
55°	49	48
65°	29	28
75°	14	15
85°	4	4
90°	0	

TEST NUMBER: P1255967

CATALOG NUMBER: P3A24R709035D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1569.2
2.5°	1561.1
5°	1534.5
7.5°	1491.7
10°	1430.5
12.5°	1359.0
15°	1273.3
17.5°	1181.5
20°	1083.6
22.5°	981.5
25°	881.5
27.5°	783.6
30°	689.7
32.5°	595.9
35°	506.1
37.5°	420.4
40°	338.7
42.5°	263.2
45°	197.9
47.5°	138.8
50°	89.8
52.5°	59.2
55°	49.0
57.5°	42.9
60°	36.7
62.5°	32.6
65°	28.6
67.5°	24.5
70°	20.4
72.5°	16.3
75°	14.3
77.5°	12.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)