

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: P1255772

Luminaire Tested: P3A24R359035D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255772
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R359035D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

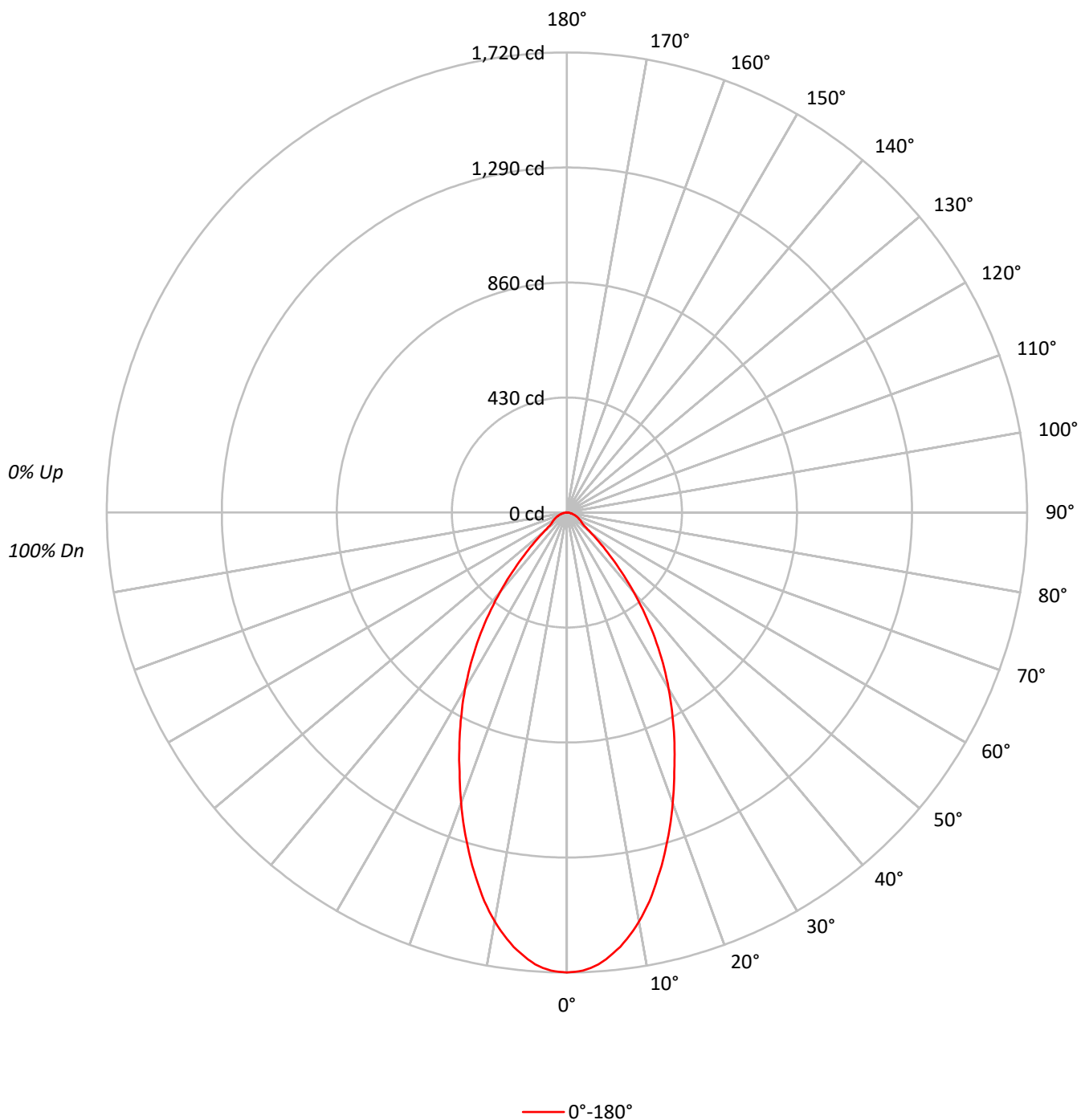
Lumens per Lamp: N/A
Luminaire Lumens: 1651.0 lumens
Efficiency: N/A
Efficacy: 57.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255772

CATALOG NUMBER: P3A24R359035D010 E3DLD1WMH

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	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°	377141
5°	369138
10°	345707
15°	310308
20°	269943
25°	230021
30°	192688
35°	153468
40°	110951
45°	70240
50°	38276
55°	26532
60°	25042
65°	23297
70°	22247
75°	18978
80°	18058
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70240 cd/sqm

TEST NUMBER: P1255772

CATALOG NUMBER: P3A24R359035D010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.1	9.5
10°-20°	380.4	23.0
20°-30°	435.9	26.4
30°-40°	355.7	21.5
40°-50°	179.4	10.9
50°-60°	66.6	4.0
60°-70°	44.7	2.7
70°-80°	24.8	1.5
80°-90°	7.5	0.5
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°	972.4	58.9
0°-40°	1328.1	80.4
0°-60°	1574.1	95.3
0°-90°	1651.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1651.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1720	
5°	1677	156
15°	1367	380
25°	951	436
35°	573	356
45°	226	179
55°	69	67
65°	45	45
75°	22	25
85°	6	7
90°	0	

TEST NUMBER: P1255772

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1719.9
1°	1717.8
2°	1713.8
3°	1705.6
4°	1693.4
5°	1677.0
6°	1656.6
7°	1636.2
8°	1609.7
9°	1583.2
10°	1552.6
11°	1519.9
12°	1485.3
13°	1446.5
14°	1405.7
15°	1366.9
17.5°	1262.9
20°	1156.8
22.5°	1048.7
25°	950.7
27.5°	854.8
30°	761.0
32.5°	667.1
35°	573.3
37.5°	479.4
40°	387.6
42.5°	301.9
45°	226.5
47.5°	163.2
50°	112.2
52.5°	81.6
55°	69.4
57.5°	63.2
60°	57.1
62.5°	51.0
65°	44.9
67.5°	38.8
70°	34.7
72.5°	28.6
75°	22.4
77.5°	18.4
80°	14.3
82.5°	10.2
85°	6.1
87.5°	4.1



TEST NUMBER: P1255772

CATALOG NUMBER: P3A24R359035D010 E3DLD1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)