

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: P1255457

Luminaire Tested: P3AS20R409035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255457
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: P3AS20R409035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

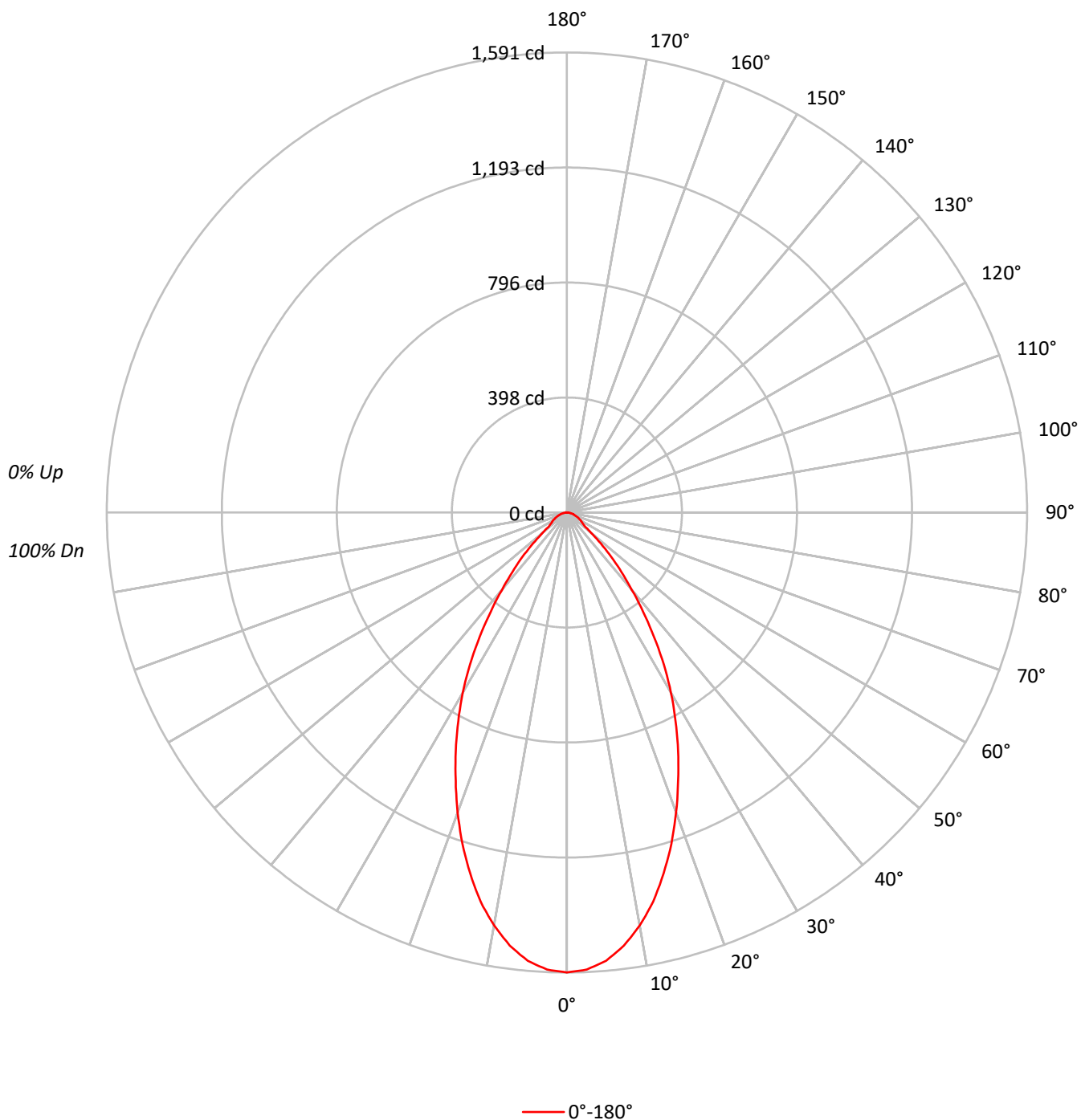
Lumens per Lamp: N/A
Luminaire Lumens: 1554.0 lumens
Efficiency: N/A
Efficacy: 54.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	348832
5°	342526
10°	322862
15°	293259
20°	257622
25°	220005
30°	182256
35°	140565
40°	100045
45°	67387
50°	36775
55°	25920
60°	24384
65°	22571
70°	20067
75°	19148
80°	15406
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67387 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.1	9.3
10°-20°	359.8	23.2
20°-30°	416.0	26.8
30°-40°	327.9	21.1
40°-50°	168.3	10.8
50°-60°	64.3	4.1
60°-70°	42.6	2.7
70°-80°	23.2	1.5
80°-90°	6.9	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°	921.0	59.3
0°-40°	1248.8	80.4
0°-60°	1481.4	95.3
0°-90°	1554.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1554.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1591	
5°	1556	145
15°	1292	360
25°	909	416
35°	525	328
45°	217	168
55°	68	64
65°	44	43
75°	23	23
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1590.8
2.5°	1582.1
5°	1556.1
7.5°	1510.9
10°	1450.0
12.5°	1378.7
15°	1291.8
17.5°	1201.4
20°	1104.0
22.5°	1004.9
25°	909.3
27.5°	813.7
30°	719.8
32.5°	624.2
35°	525.1
37.5°	432.9
40°	349.5
42.5°	278.2
45°	217.3
47.5°	158.2
50°	107.8
52.5°	78.2
55°	67.8
57.5°	60.9
60°	55.6
62.5°	48.7
65°	43.5
67.5°	36.5
70°	31.3
72.5°	26.1
75°	22.6
77.5°	17.4
80°	12.2
82.5°	10.4
85°	5.2
87.5°	3.5
90°	0.0

(END OF REPORT)