

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: P1255623

Luminaire Tested: P3AS20R709035D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255623
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709035D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

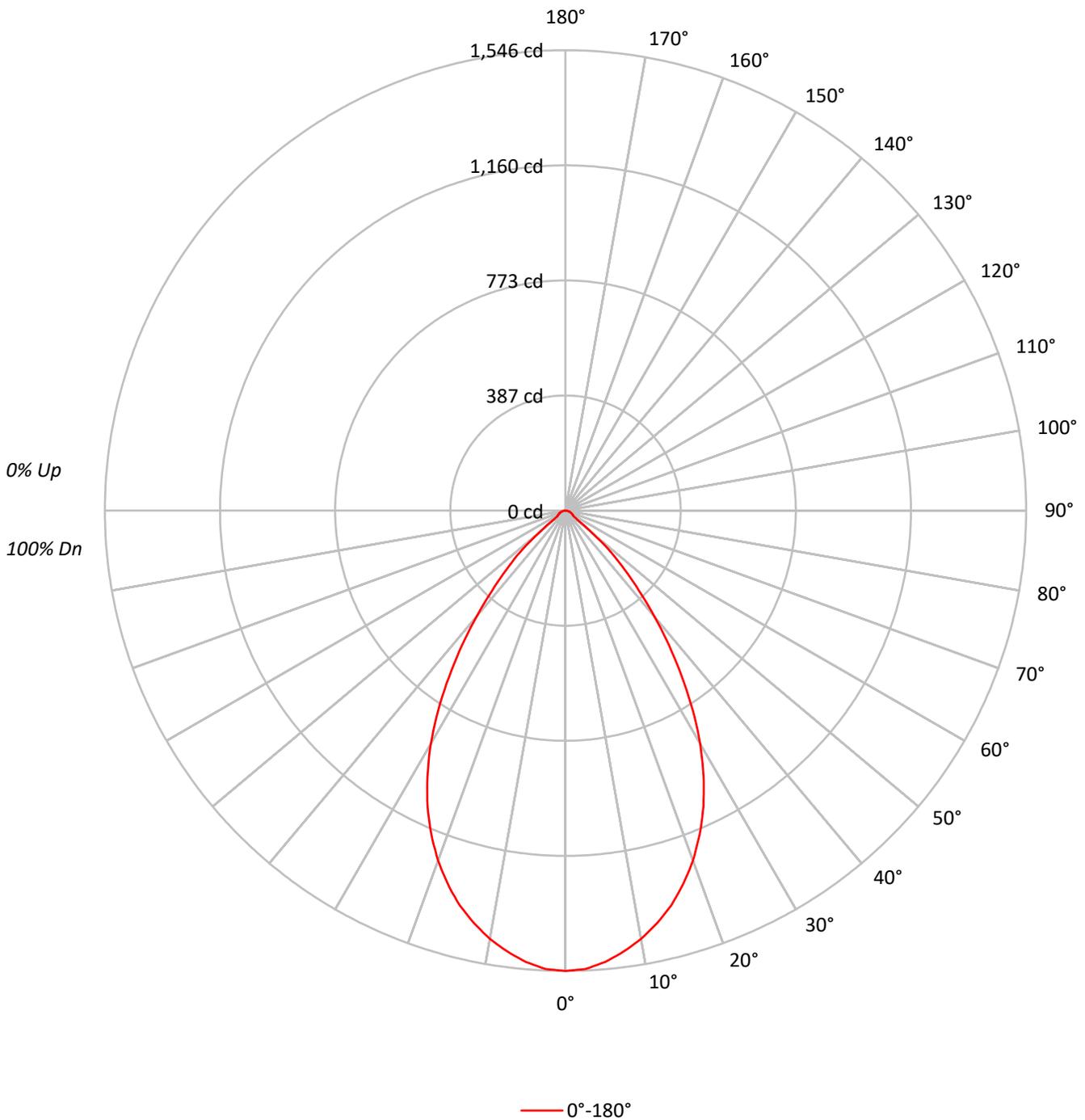
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1751.0 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (A_{in}): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	96	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77			77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70			70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65			65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	338986
5°	334910
10°	325244
15°	311466
20°	291762
25°	265056
30°	228947
35°	182459
40°	132906
45°	87358
50°	40937
55°	12616
60°	12192
65°	11726
70°	11156
75°	11777
80°	10986
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 87358 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.3	8.2
10°-20°	384.0	21.9
20°-30°	499.0	28.5
30°-40°	423.5	24.2
40°-50°	218.3	12.5
50°-60°	42.1	2.4
60°-70°	22.8	1.3
70°-80°	14.0	0.8
80°-90°	4.0	0.2
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°	1026.3	58.6
0°-40°	1449.8	82.8
0°-60°	1710.2	97.7
0°-90°	1751.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1751.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1546	
5°	1522	143
15°	1372	384
25°	1096	499
35°	682	423
45°	282	218
55°	33	42
65°	23	23
75°	14	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1545.9
2.5°	1540.6
5°	1521.5
7.5°	1493.7
10°	1460.7
12.5°	1418.9
15°	1372.0
17.5°	1314.6
20°	1250.3
22.5°	1177.2
25°	1095.5
27.5°	1003.3
30°	904.2
32.5°	794.7
35°	681.6
37.5°	570.4
40°	464.3
42.5°	365.2
45°	281.7
47.5°	206.9
50°	120.0
52.5°	52.2
55°	33.0
57.5°	31.3
60°	27.8
62.5°	26.1
65°	22.6
67.5°	20.9
70°	17.4
72.5°	15.6
75°	13.9
77.5°	10.4
80°	8.7
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)