

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: P1254609

Luminaire Tested: P3AS13R209035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254609
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

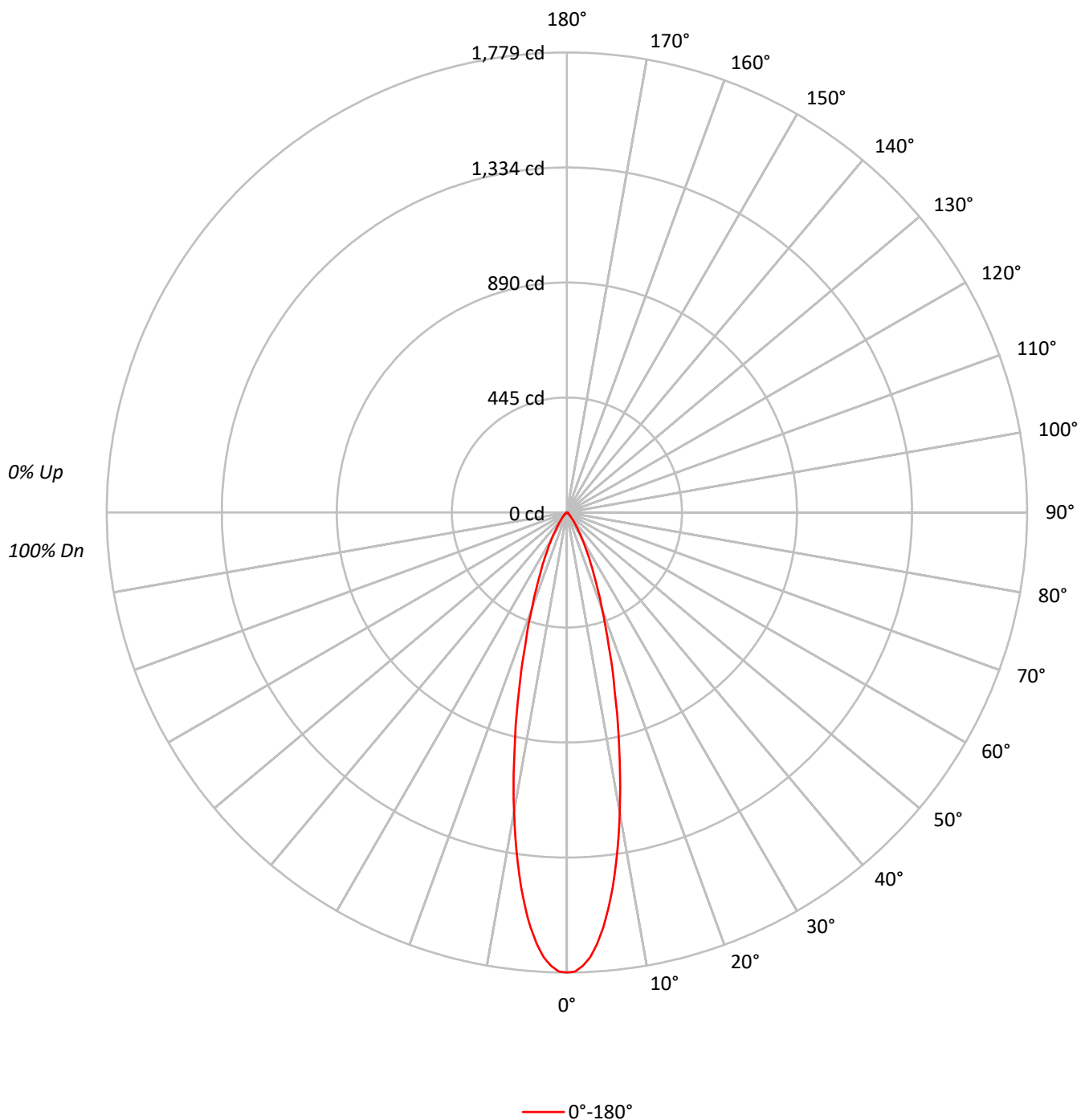
Lumens per Lamp: N/A
Luminaire Lumens: 507.0 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	390078
5°	354589
10°	262075
15°	162112
20°	92571
25°	52842
30°	29650
35°	16115
40°	8845
45°	4869
50°	2831
55°	2064
60°	1930
65°	1764
70°	1539
75°	1694
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4869 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.5	27.5
10°-20°	199.1	39.3
20°-30°	103.9	20.5
30°-40°	40.2	7.9
40°-50°	13.0	2.6
50°-60°	5.1	1.0
60°-70°	3.4	0.7
70°-80°	2.0	0.4
80°-90°	0.7	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°	442.6	87.3
0°-40°	482.8	95.2
0°-60°	500.9	98.8
0°-90°	507.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	507.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1779	
5°	1611	139
15°	714	199
25°	218	104
35°	60	40
45°	16	13
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1778.9
1°	1775.5
2°	1754.4
3°	1722.1
4°	1672.1
5°	1610.9
6°	1538.4
7°	1458.1
8°	1365.0
9°	1274.4
10°	1177.0
12.5°	935.5
15°	714.1
17.5°	534.4
20°	396.7
22.5°	293.9
25°	218.4
27.5°	161.1
30°	117.1
32.5°	84.7
35°	60.2
37.5°	43.6
40°	30.9
42.5°	22.0
45°	15.7
47.5°	11.3
50°	8.3
52.5°	6.4
55°	5.4
57.5°	4.9
60°	4.4
62.5°	3.9
65°	3.4
67.5°	2.9
70°	2.4
72.5°	2.4
75°	2.0
77.5°	1.5
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)