

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: P1248788

Luminaire Tested: P3AS09R209027DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248788
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: P3AS09R209027DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

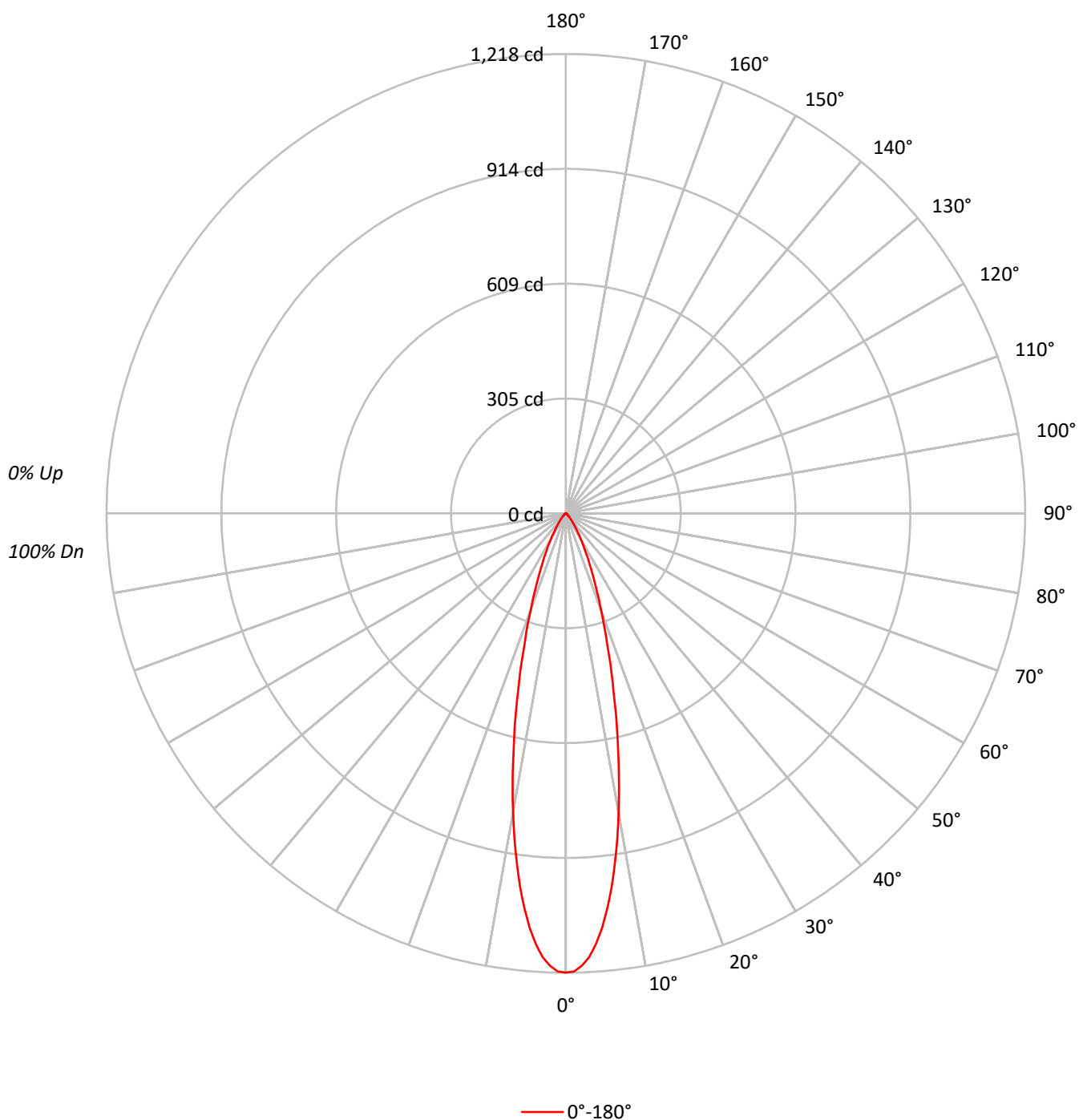
Lumens per Lamp: N/A
Luminaire Lumens: 347.0 lumens
Efficiency: N/A
Efficacy: 31.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	266974
5°	242680
10°	179355
15°	110943
20°	63356
25°	36171
30°	20282
35°	11029
40°	6040
45°	3318
50°	1944
55°	1415
60°	1316
65°	1193
70°	1090
75°	1101
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3318 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.5	27.5
10°-20°	136.3	39.3
20°-30°	71.1	20.5
30°-40°	27.5	7.9
40°-50°	8.9	2.6
50°-60°	3.5	1.0
60°-70°	2.3	0.7
70°-80°	1.4	0.4
80°-90°	0.4	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°	302.9	87.3
0°-40°	330.4	95.2
0°-60°	342.8	98.8
0°-90°	347.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	347.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1218	
5°	1102	95
15°	489	136
25°	150	71
35°	41	27
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1217.5
1°	1215.2
2°	1200.8
3°	1178.6
4°	1144.4
5°	1102.5
6°	1052.9
7°	997.9
8°	934.3
9°	872.2
10°	805.5
12.5°	640.3
15°	488.7
17.5°	365.7
20°	271.5
22.5°	201.1
25°	149.5
27.5°	110.3
30°	80.1
32.5°	58.0
35°	41.2
37.5°	29.8
40°	21.1
42.5°	15.1
45°	10.7
47.5°	7.7
50°	5.7
52.5°	4.4
55°	3.7
57.5°	3.4
60°	3.0
62.5°	2.7
65°	2.3
67.5°	2.0
70°	1.7
72.5°	1.7
75°	1.3
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)