

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: P1262250

Luminaire Tested: P3AS09R259727DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262250
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259727DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

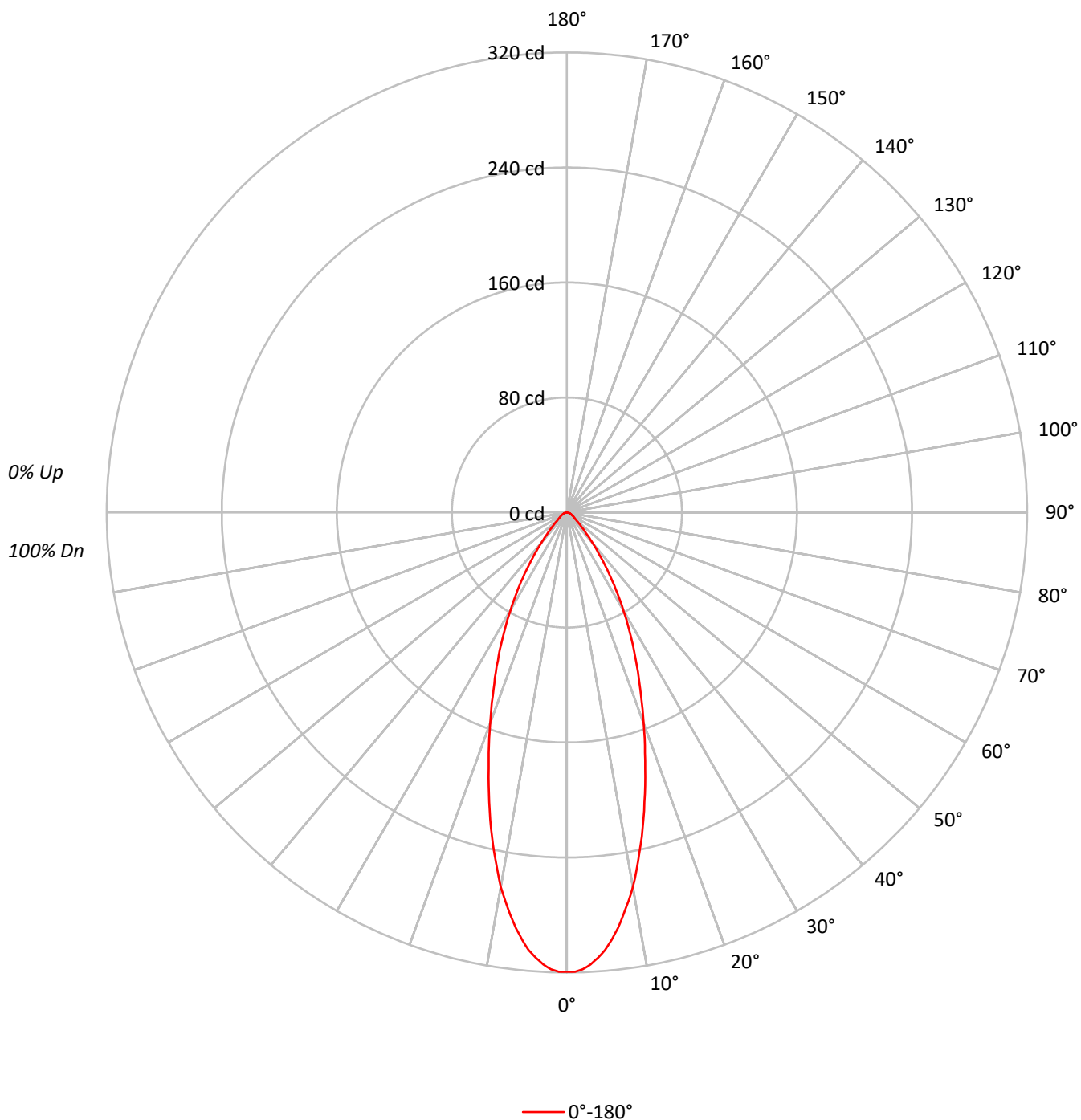
Lumens per Lamp: N/A
Luminaire Lumens: 192.9 lumens
Efficiency: N/A
Efficacy: 17.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	70060
5°	67224
10°	58894
15°	47333
20°	36380
25°	27510
30°	19876
35°	13197
40°	8015
45°	4652
50°	2968
55°	2409
60°	2105
65°	1868
70°	1539
75°	1525
80°	1137
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.8	14.4
10°-20°	57.7	29.9
20°-30°	52.1	27.0
30°-40°	31.3	16.2
40°-50°	12.4	6.4
50°-60°	5.7	3.0
60°-70°	3.5	1.8
70°-80°	1.9	1.0
80°-90°	0.5	0.3
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°	137.6	71.3
0°-40°	168.9	87.5
0°-60°	187.1	97.0
0°-90°	192.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	192.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	320	
5°	305	28
15°	208	58
25°	114	52
35°	49	31
45°	15	12
55°	6	6
65°	4	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	319.5
1°	319.5
2°	318.0
3°	314.7
4°	310.5
5°	305.4
6°	298.8
7°	291.3
8°	282.5
9°	273.8
10°	264.5
11°	253.6
12°	242.5
13°	231.4
14°	220.2
15°	208.5
17.5°	180.8
20°	155.9
22.5°	133.3
25°	113.7
27.5°	95.4
30°	78.5
32.5°	63.2
35°	49.3
37.5°	37.6
40°	28.0
42.5°	20.5
45°	15.0
47.5°	11.4
50°	8.7
52.5°	7.2
55°	6.3
57.5°	5.4
60°	4.8
62.5°	3.9
65°	3.6
67.5°	3.0
70°	2.4
72.5°	2.1
75°	1.8
77.5°	1.5
80°	0.9
82.5°	0.6
85°	0.6
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)