

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: P1269317

Luminaire Tested: P3A09R159740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269317
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R159740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

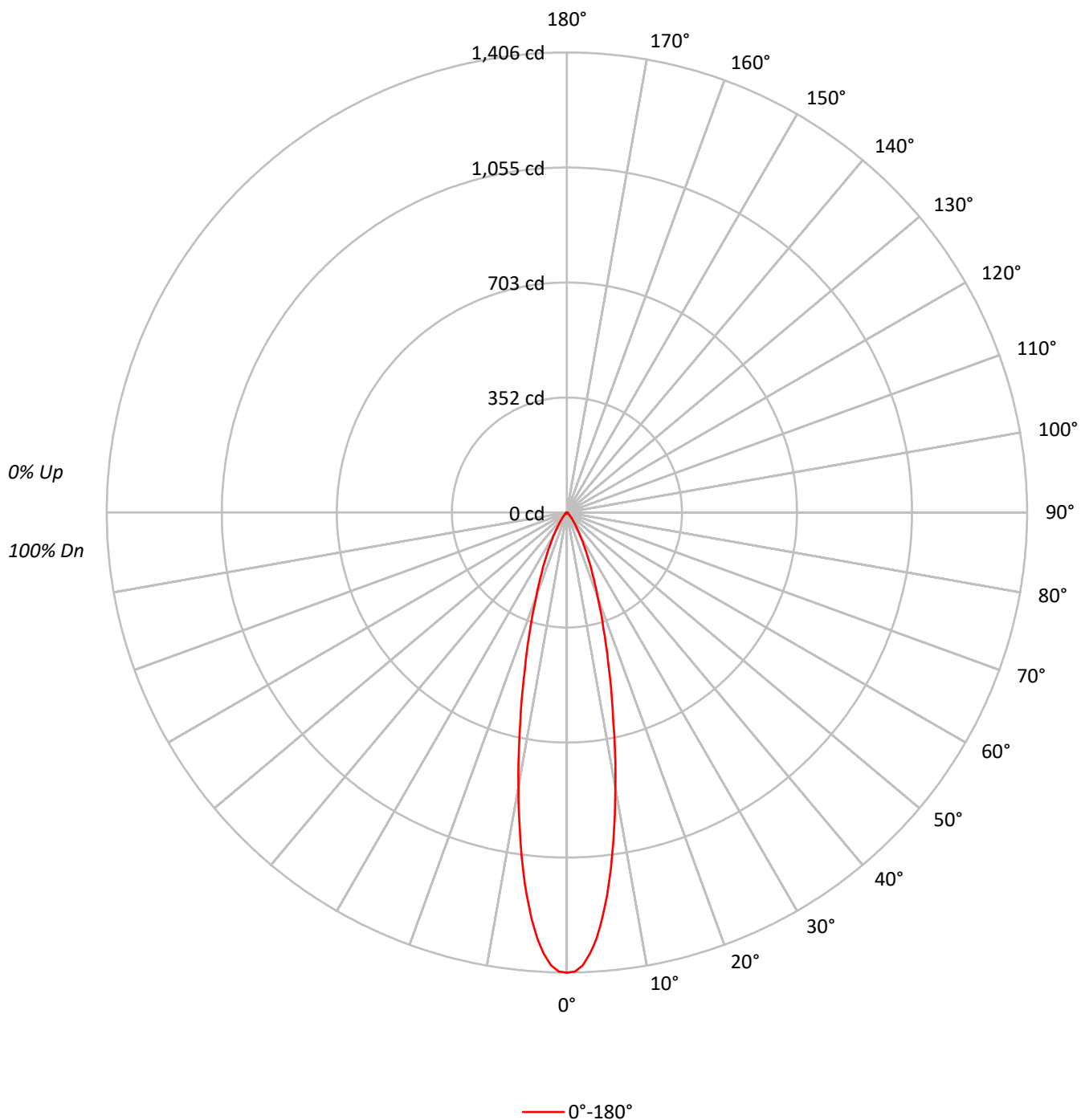
Lumens per Lamp: N/A
Luminaire Lumens: 361.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1269317

CATALOG NUMBER: P3A09R159740DE010 E3DL1GPH

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	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	86	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	308396
5°	273739
10°	190110
15°	112418
20°	64032
25°	36607
30°	20256
35°	10788
40°	5983
45°	3225
50°	2013
55°	1606
60°	1360
65°	1245
70°	1090
75°	1186
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3225 cd/sqm

TEST NUMBER: P1269317

CATALOG NUMBER: P3A09R159740DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.8	29.3
10°-20°	139.6	38.7
20°-30°	71.9	19.9
30°-40°	27.0	7.5
40°-50°	8.8	2.5
50°-60°	3.8	1.1
60°-70°	2.4	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°	317.2	87.9
0°-40°	344.2	95.3
0°-60°	356.8	98.8
0°-90°	361.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	361.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1406	
5°	1244	106
15°	495	140
25°	151	72
35°	40	27
45°	10	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1406.4
1°	1403.6
2°	1385.2
3°	1350.0
4°	1303.8
5°	1243.6
6°	1175.4
7°	1100.7
8°	1017.6
9°	935.5
10°	853.8
12.5°	656.9
15°	495.2
17.5°	370.7
20°	274.4
22.5°	204.8
25°	151.3
27.5°	110.2
30°	80.0
32.5°	56.7
35°	40.3
37.5°	28.9
40°	20.9
42.5°	15.0
45°	10.4
47.5°	7.7
50°	5.9
52.5°	4.9
55°	4.2
57.5°	3.5
60°	3.1
62.5°	2.8
65°	2.4
67.5°	2.1
70°	1.7
72.5°	1.7
75°	1.4
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)