

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: P1248849

Luminaire Tested: P3AS09R309027DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248849
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309027DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

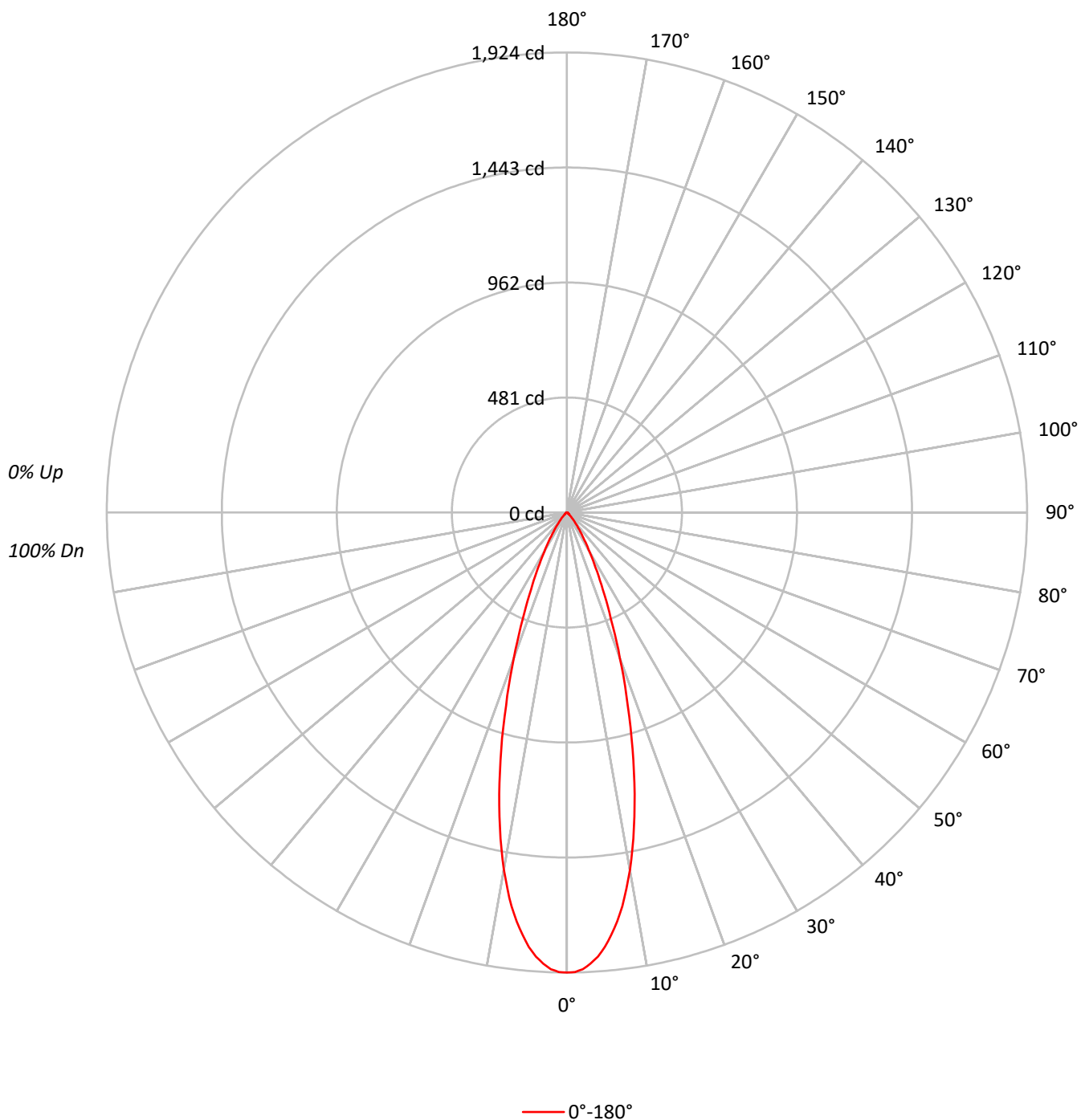
Lumens per Lamp: N/A
Luminaire Lumens: 723.0 lumens
Efficiency: N/A
Efficacy: 65.1 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248849

CATALOG NUMBER: P3AS09R309027DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1248849

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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	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	421896
5°	401562
10°	337758
15°	243588
20°	151096
25°	85940
30°	47729
35°	25966
40°	13683
45°	7412
50°	3957
55°	2600
60°	2412
65°	2491
70°	2180
75°	1694
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7412 cd/sqm

TEST NUMBER: P1248849

CATALOG NUMBER: P3AS09R309027DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.3	22.7
10°-20°	292.0	40.4
20°-30°	168.8	23.3
30°-40°	64.0	8.9
40°-50°	19.7	2.7
50°-60°	6.6	0.9
60°-70°	4.5	0.6
70°-80°	2.4	0.3
80°-90°	0.8	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°	625.0	86.5
0°-40°	689.1	95.3
0°-60°	715.3	98.9
0°-90°	723.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	723.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1924	
5°	1824	164
15°	1073	292
25°	355	169
35°	97	64
45°	24	20
55°	7	7
65°	5	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1248849

CATALOG NUMBER: P3AS09R309027DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1924.0
1°	1922.6
2°	1911.0
3°	1889.2
4°	1861.8
5°	1824.3
6°	1776.5
7°	1723.2
8°	1663.8
9°	1592.7
10°	1516.9
11°	1435.0
12°	1348.2
13°	1257.4
14°	1165.2
15°	1073.0
17.5°	846.2
20°	647.5
22.5°	480.1
25°	355.2
27.5°	258.2
30°	188.5
32.5°	135.9
35°	97.0
37.5°	67.6
40°	47.8
42.5°	33.5
45°	23.9
47.5°	16.4
50°	11.6
52.5°	8.2
55°	6.8
57.5°	6.1
60°	5.5
62.5°	4.8
65°	4.8
67.5°	4.1
70°	3.4
72.5°	2.7
75°	2.0
77.5°	2.0
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.0



TEST NUMBER: P1248849

CATALOG NUMBER: P3AS09R309027DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)