

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: P1248911

Luminaire Tested: P3AS09R409027DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248911
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409027DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

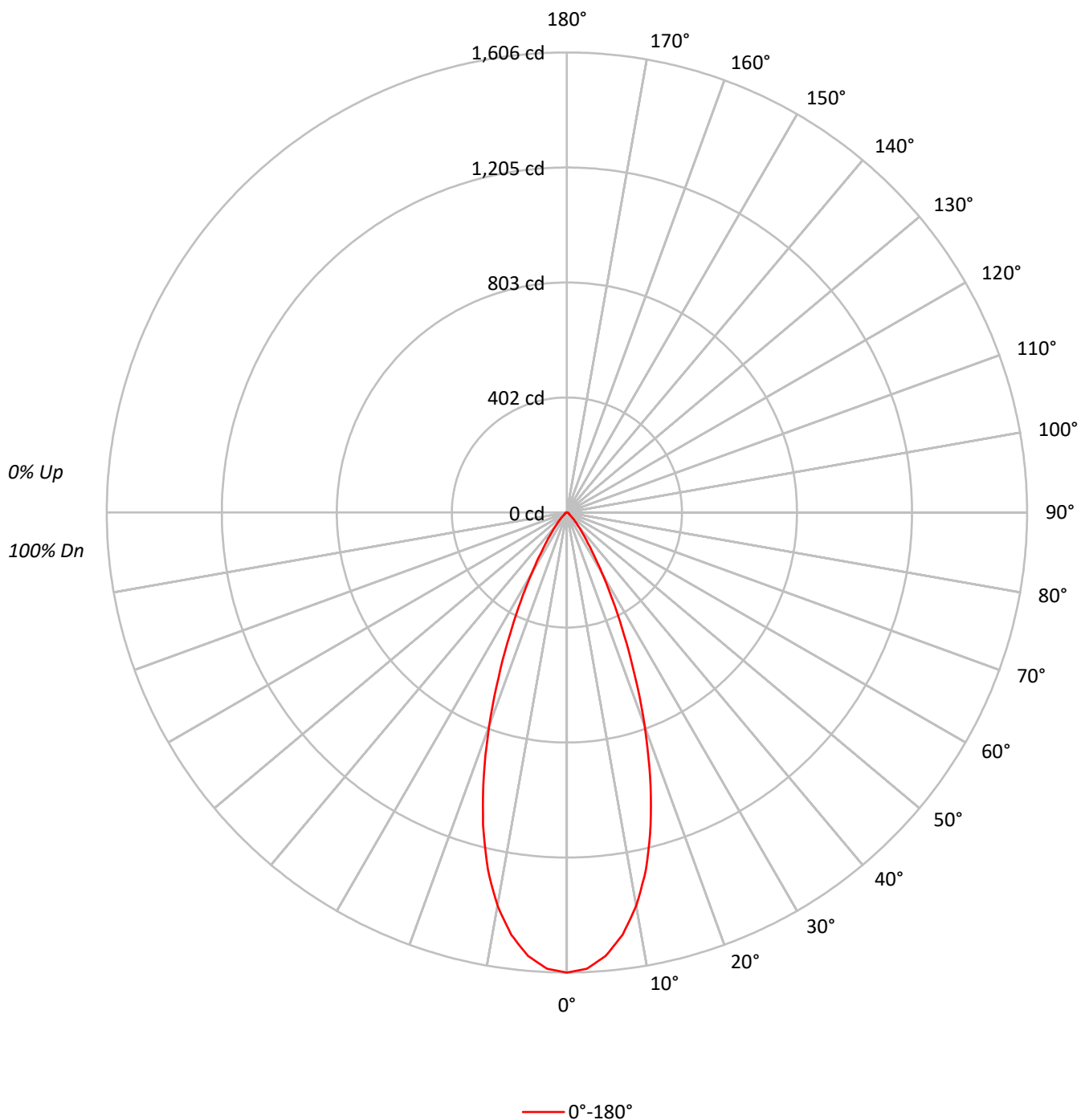
Lumens per Lamp: N/A
Luminaire Lumens: 796.0 lumens
Efficiency: N/A
Efficacy: 71.7 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248911

CATALOG NUMBER: P3AS09R409027DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1248911

CATALOG NUMBER: P3AS09R409027DE010 E3DL1WMH

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	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	352231
5°	341998
10°	310348
15°	256392
20°	184933
25°	114394
30°	61934
35°	32016
40°	17404
45°	9737
50°	4878
55°	3670
60°	3289
65°	3165
70°	3077
75°	2881
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9737 cd/sqm

TEST NUMBER: P1248911

CATALOG NUMBER: P3AS09R409027DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.2	18.0
10°-20°	307.5	38.6
20°-30°	219.5	27.6
30°-40°	80.8	10.2
40°-50°	25.4	3.2
50°-60°	8.8	1.1
60°-70°	6.1	0.8
70°-80°	3.6	0.5
80°-90°	1.0	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°	670.2	84.2
0°-40°	751.0	94.4
0°-60°	785.3	98.7
0°-90°	796.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	796.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1606	
5°	1554	143
15°	1129	308
25°	473	219
35°	120	81
45°	31	25
55°	10	9
65°	6	6
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1248911

CATALOG NUMBER: P3AS09R409027DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1606.3
2.5°	1594.0
5°	1553.7
7.5°	1486.7
10°	1393.8
12.5°	1275.6
15°	1129.4
17.5°	965.4
20°	792.5
22.5°	622.4
25°	472.8
27.5°	347.1
30°	244.6
32.5°	171.5
35°	119.6
37.5°	84.7
40°	60.8
42.5°	43.7
45°	31.4
47.5°	21.2
50°	14.3
52.5°	10.2
55°	9.6
57.5°	8.9
60°	7.5
62.5°	6.8
65°	6.1
67.5°	5.5
70°	4.8
72.5°	4.1
75°	3.4
77.5°	2.7
80°	2.0
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)