

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: P1249027

Luminaire Tested: P3AS09R609027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249027
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

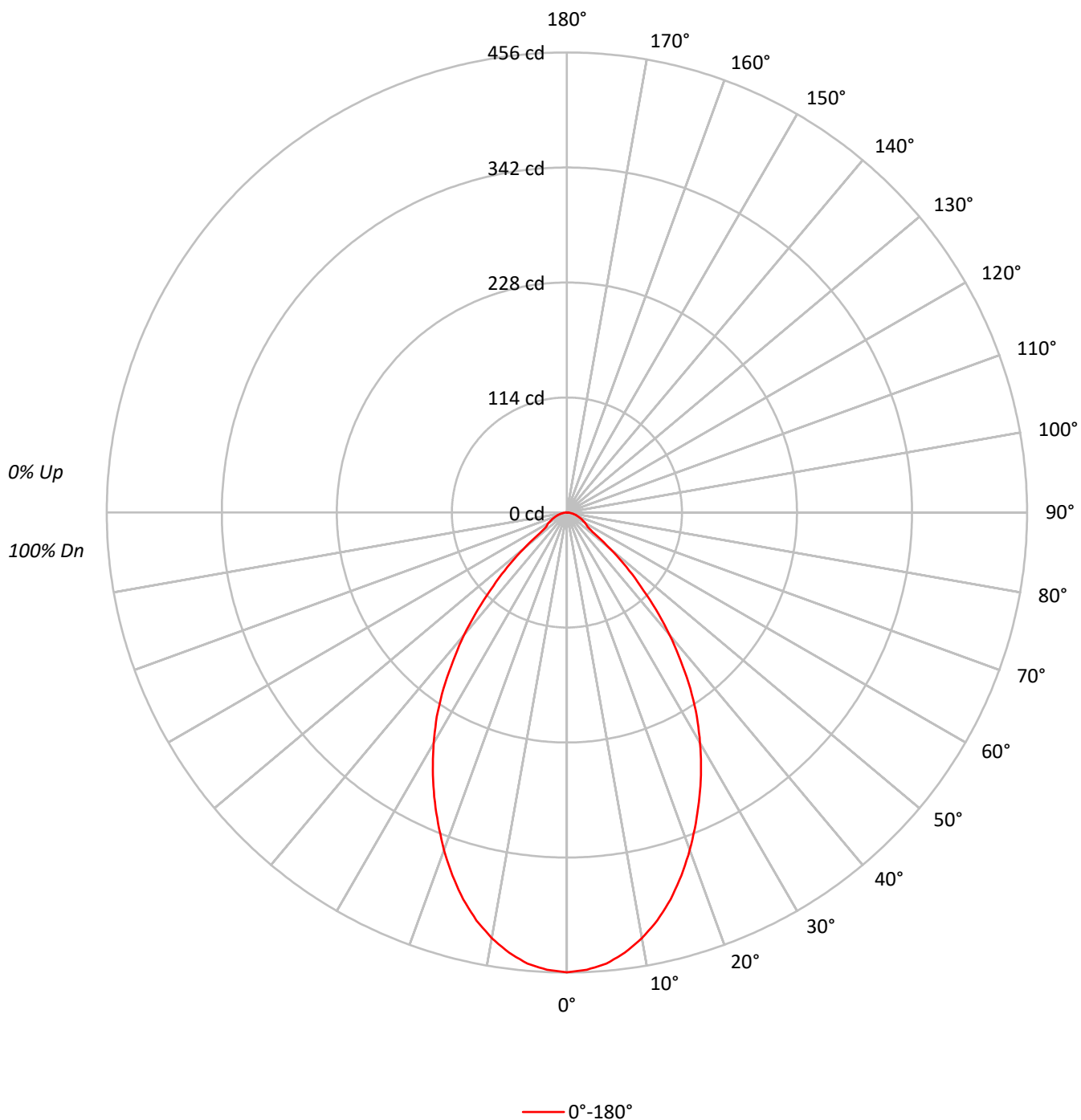
Lumens per Lamp: N/A
Luminaire Lumens: 563.0 lumens
Efficiency: N/A
Efficacy: 50.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	98	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99948
5°	98811
10°	95389
15°	90125
20°	83074
25°	75222
30°	66795
35°	57072
40°	45371
45°	32003
50°	19104
55°	9672
60°	9298
65°	8509
70°	7886
75°	7540
80°	6945
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32003 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	7.5
10°-20°	111.0	19.7
20°-30°	142.5	25.3
30°-40°	132.1	23.5
40°-50°	80.4	14.3
50°-60°	26.8	4.8
60°-70°	16.3	2.9
70°-80°	9.2	1.6
80°-90°	2.6	0.5
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°	295.6	52.5
0°-40°	427.7	76.0
0°-60°	534.9	95.0
0°-90°	563.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	563.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	456	
5°	449	42
15°	397	111
25°	311	142
35°	213	132
45°	103	80
55°	25	27
65°	16	16
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	455.8
2.5°	453.7
5°	448.9
7.5°	440.1
10°	428.4
12.5°	414.1
15°	397.0
17.5°	377.2
20°	356.0
22.5°	333.5
25°	310.9
27.5°	287.7
30°	263.8
32.5°	239.8
35°	213.2
37.5°	185.2
40°	158.5
42.5°	130.5
45°	103.2
47.5°	79.9
50°	56.0
52.5°	33.5
55°	25.3
57.5°	23.2
60°	21.2
62.5°	18.4
65°	16.4
67.5°	14.3
70°	12.3
72.5°	10.2
75°	8.9
77.5°	6.8
80°	5.5
82.5°	3.4
85°	2.0
87.5°	1.4
90°	0.0

(END OF REPORT)