

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: P1275930

Luminaire Tested: P3AS09R609835DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275930
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609835DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

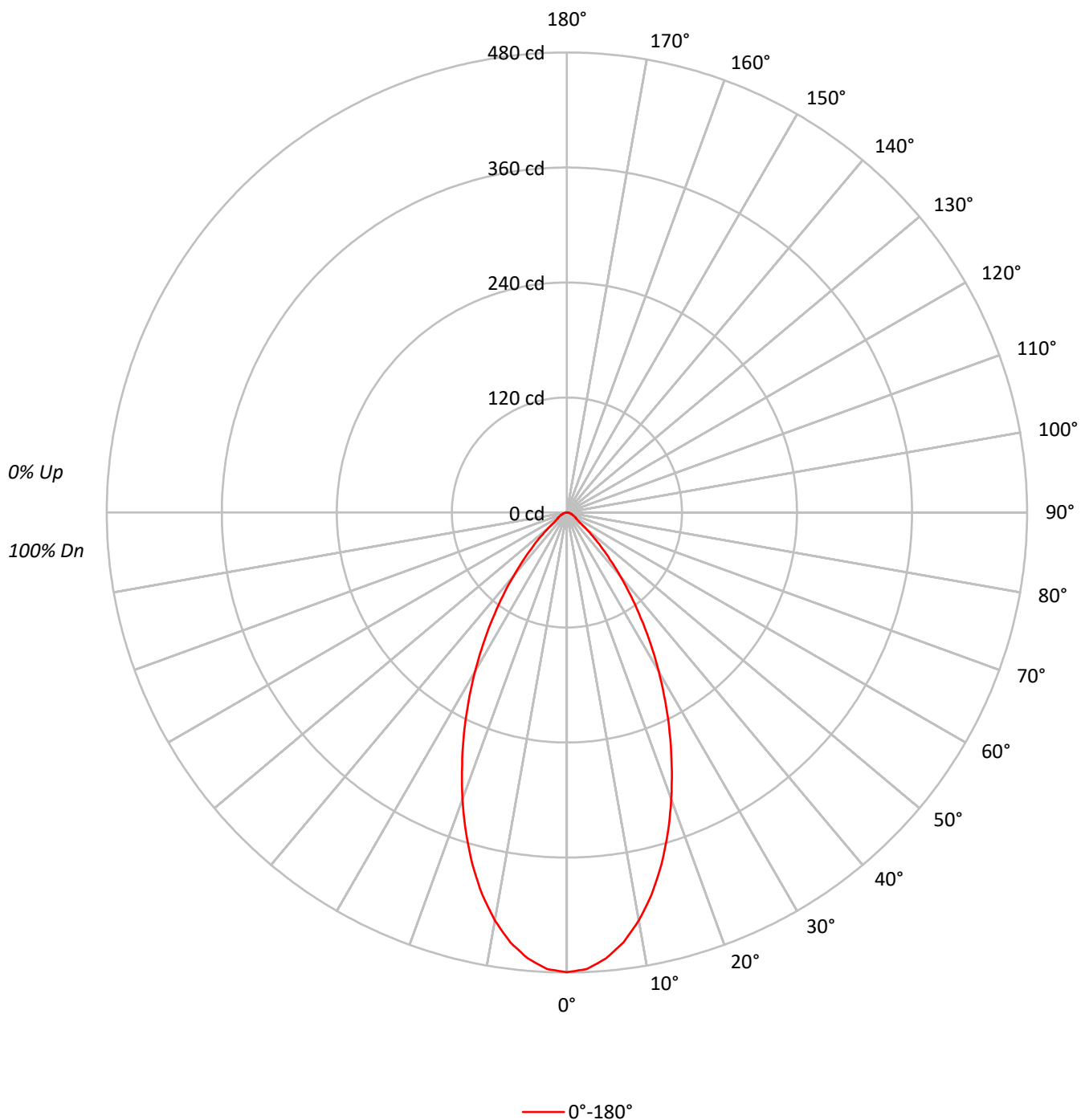
Lumens per Lamp: N/A
Luminaire Lumens: 415.0 lumens
Efficiency: N/A
Efficacy: 37.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	105167
5°	102817
10°	96257
15°	86357
20°	74253
25°	61407
30°	48514
35°	36031
40°	24818
45°	15568
50°	8563
55°	5008
60°	4517
65°	3840
70°	3270
75°	3389
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15568 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.5	10.5
10°-20°	105.6	25.5
20°-30°	115.9	27.9
30°-40°	84.4	20.3
40°-50°	39.9	9.6
50°-60°	13.1	3.1
60°-70°	7.4	1.8
70°-80°	4.0	1.0
80°-90°	1.2	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°	265.0	63.9
0°-40°	349.4	84.2
0°-60°	402.4	96.9
0°-90°	415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	415.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	480	
5°	467	43
15°	380	106
25°	254	116
35°	135	84
45°	50	40
55°	13	13
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	479.6
2.5°	476.8
5°	467.1
7.5°	452.3
10°	432.3
12.5°	408.3
15°	380.4
17.5°	350.2
20°	318.2
22.5°	285.7
25°	253.8
27.5°	221.9
30°	191.6
32.5°	162.5
35°	134.6
37.5°	109.5
40°	86.7
42.5°	66.7
45°	50.2
47.5°	36.5
50°	25.1
52.5°	16.5
55°	13.1
57.5°	11.4
60°	10.3
62.5°	8.6
65°	7.4
67.5°	6.3
70°	5.1
72.5°	4.6
75°	4.0
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)