

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: P1248879

Luminaire Tested: P3AS09R359027DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248879
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359027DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

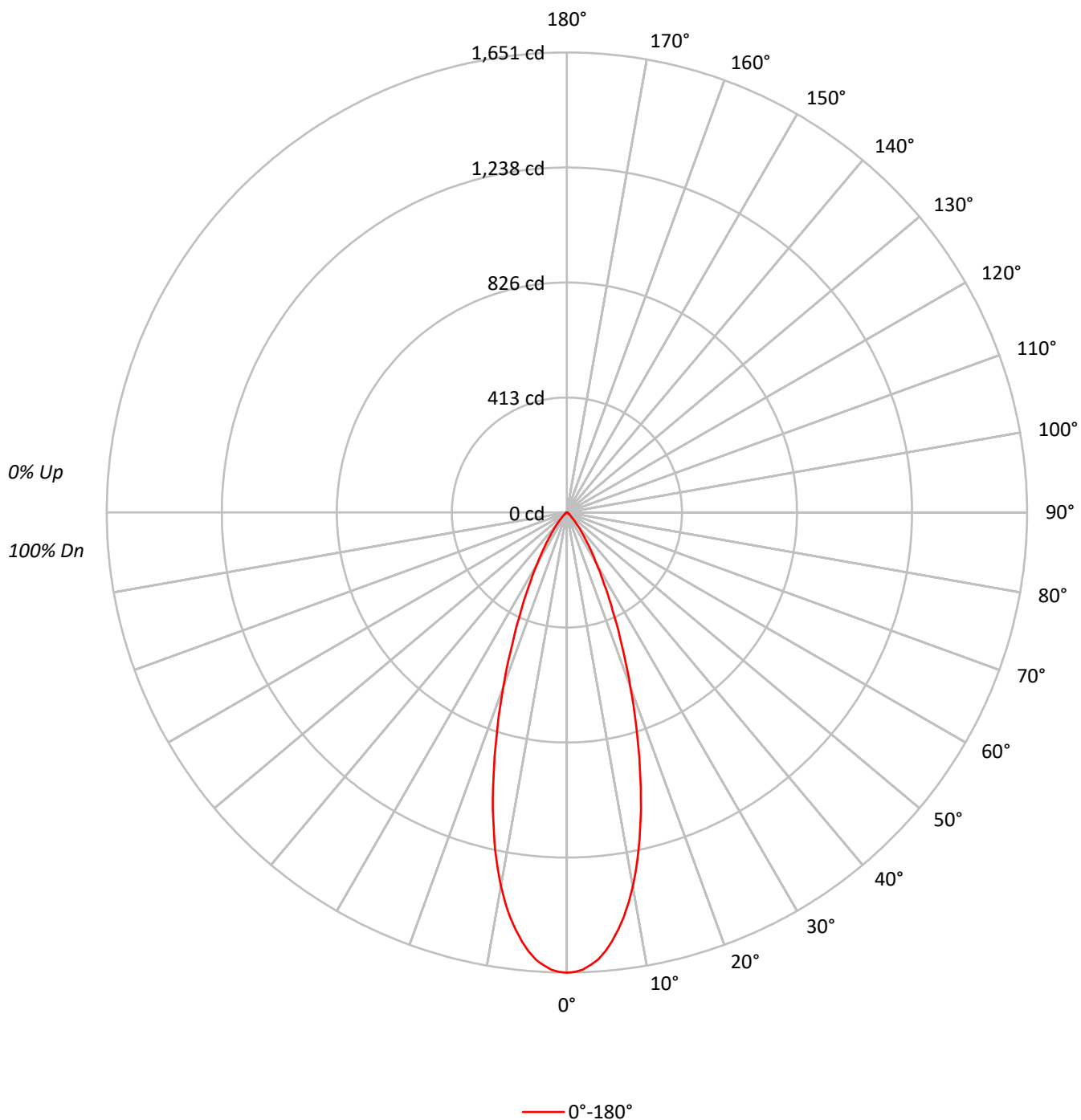
Lumens per Lamp: N/A
Luminaire Lumens: 718.0 lumens
Efficiency: N/A
Efficacy: 64.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	362120
5°	348029
10°	303245
15°	232260
20°	155390
25°	94022
30°	53958
35°	30169
40°	16030
45°	8249
50°	3957
55°	3135
60°	2982
65°	2491
70°	2629
75°	2288
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8249 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.9	20.0
10°-20°	278.8	38.8
20°-30°	182.5	25.4
30°-40°	74.0	10.3
40°-50°	22.2	3.1
50°-60°	7.5	1.1
60°-70°	5.1	0.7
70°-80°	2.9	0.4
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°	605.1	84.3
0°-40°	679.2	94.6
0°-60°	708.9	98.7
0°-90°	718.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	718.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1651	
5°	1581	144
15°	1023	279
25°	389	183
35°	113	74
45°	27	22
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1651.4
1°	1648.7
2°	1641.2
3°	1626.2
4°	1608.4
5°	1581.1
6°	1546.9
7°	1508.7
8°	1465.7
9°	1416.5
10°	1361.9
11°	1301.1
12°	1237.6
13°	1166.5
14°	1098.9
15°	1023.1
17.5°	839.4
20°	665.9
22.5°	512.2
25°	388.6
27.5°	289.6
30°	213.1
32.5°	156.4
35°	112.7
37.5°	79.9
40°	56.0
42.5°	38.9
45°	26.6
47.5°	17.8
50°	11.6
52.5°	8.9
55°	8.2
57.5°	7.5
60°	6.8
62.5°	6.1
65°	4.8
67.5°	4.1
70°	4.1
72.5°	3.4
75°	2.7
77.5°	2.0
80°	2.0
82.5°	1.4
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)