

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: P1271680

Luminaire Tested: P3AS09R409827DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271680
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409827DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

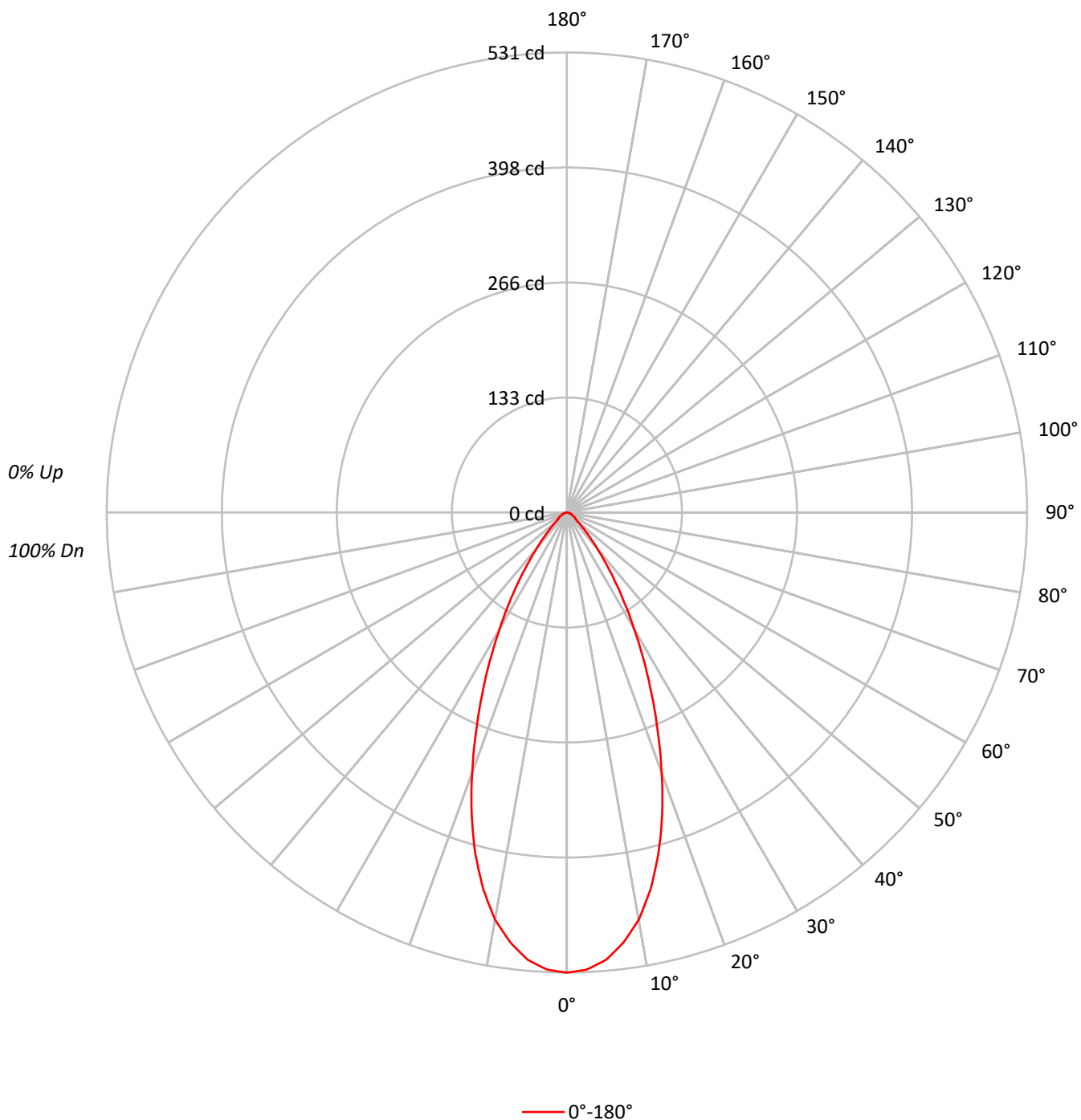
Lumens per Lamp: N/A
Luminaire Lumens: 374.0 lumens
Efficiency: N/A
Efficacy: 34.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	116460
5°	114087
10°	106233
15°	92600
20°	74626
25°	55939
30°	39323
35°	25752
40°	15601
45°	9303
50°	5561
55°	4473
60°	4035
65°	3424
70°	3270
75°	2626
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9303 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	12.9
10°-20°	112.3	30.0
20°-30°	105.9	28.3
30°-40°	61.2	16.4
40°-50°	24.4	6.5
50°-60°	10.8	2.9
60°-70°	6.7	1.8
70°-80°	3.5	0.9
80°-90°	1.1	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°	266.3	71.2
0°-40°	327.5	87.6
0°-60°	362.7	97.0
0°-90°	374.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	374.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	531	
5°	518	48
15°	408	112
25°	231	106
35°	96	61
45°	30	24
55°	12	11
65°	7	7
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	531.1
2.5°	528.0
5°	518.3
7.5°	500.5
10°	477.1
12.5°	445.5
15°	407.9
17.5°	365.6
20°	319.8
22.5°	273.9
25°	231.2
27.5°	191.5
30°	155.3
32.5°	123.7
35°	96.2
37.5°	72.8
40°	54.5
42.5°	40.7
45°	30.0
47.5°	21.9
50°	16.3
52.5°	13.2
55°	11.7
57.5°	10.7
60°	9.2
62.5°	7.6
65°	6.6
67.5°	5.6
70°	5.1
72.5°	4.1
75°	3.1
77.5°	2.5
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)