

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: P1287187

Luminaire Tested: P3AS13R409030D2WDE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287187
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409030D2WDE010 E3D1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3D1WM TRIM
Light Source: -
Ballast/Driver: -

Summary

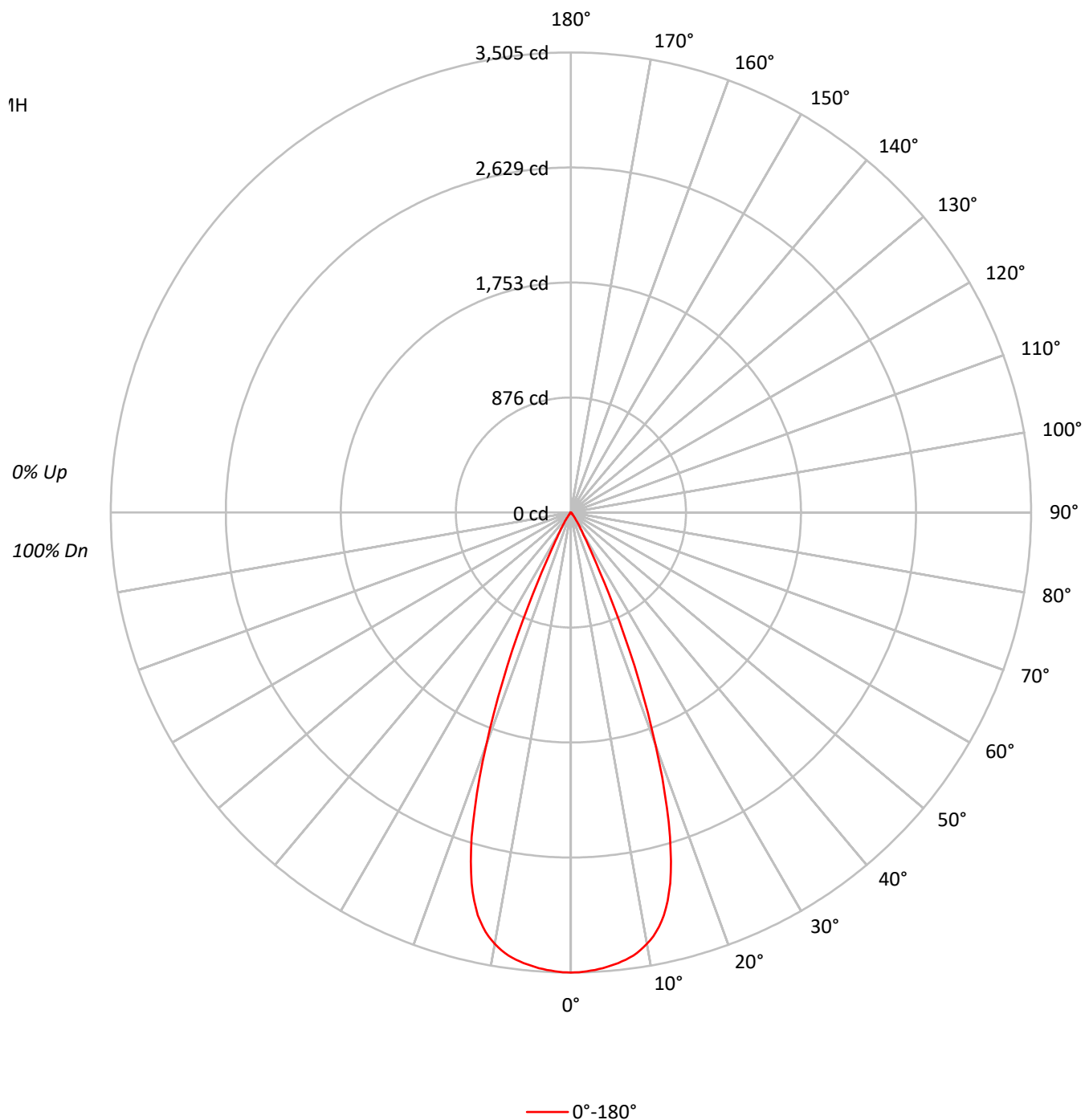
Lumens per Lamp: N/A
Luminaire Lumens: 1508.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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: P1287187

CATALOG NUMBER: P3AS13R409030D2WDE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1287187

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	115	112	110	109	112	110	109	107	106	105	104		103	102	101		99	98	98	96
2	111	107	104	101	109	105	102	100	102	100	98		99	97	96		96	95	94	92
3	107	102	98	95	105	100	97	94	98	95	93		96	93	91		93	91	90	88
4	103	97	93	90	101	96	92	89	94	91	88		92	89	87		90	88	86	85
5	99	93	89	85	98	92	88	85	91	87	84		89	86	84		88	85	83	82
6	96	89	85	81	95	89	84	81	87	83	81		86	83	80		85	82	80	79
7	93	86	81	78	92	85	81	78	84	80	77		83	80	77		82	79	77	76
8	90	83	78	75	89	82	78	75	81	77	75		80	77	74		79	76	74	73
9	87	80	75	72	86	79	75	72	78	75	72		78	74	72		77	74	71	70
10	84	77	72	70	83	77	72	69	76	72	69		75	72	69		74	71	69	68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	768666
5°	763106
10°	743139
15°	663818
20°	440175
25°	164889
30°	44108
35°	17239
40°	6183
45°	2946
50°	887
55°	421
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2946 cd/sqm

TEST NUMBER: P1287187

CATALOG NUMBER: P3AS13R409030D2WDE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	327.2	21.7
10°-20°	774.8	51.4
20°-30°	351.4	23.3
30°-40°	45.5	3.0
40°-50°	7.9	0.5
50°-60°	0.9	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1453.3	96.4
0°-40°	1498.9	99.4
0°-60°	1507.7	100.0
0°-90°	1508.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1508.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3505	
5°	3467	327
15°	2924	775
25°	682	351
35°	64	46
45°	10	8
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CATALOG NUMBER: P3AS13R409030D2WDE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	3505.4
1°	3503.3
2°	3498.0
3°	3490.1
4°	3480.0
5°	3466.8
6°	3451.5
7°	3432.5
8°	3409.3
9°	3377.6
10°	3337.5
11°	3290.5
12°	3227.7
13°	3150.1
14°	3048.7
15°	2924.1
16°	2765.2
17°	2584.2
18°	2366.7
19°	2137.0
20°	1886.3
21°	1635.5
22°	1388.4
23°	1142.4
24°	900.6
25°	681.5
26°	504.7
27°	369.5
28°	277.7
29°	215.9
30°	174.2
31°	144.1
32°	120.4
32.5°	109.8
33°	99.2
34°	80.8
35°	64.4
36°	50.7
37°	40.1
37.5°	35.9
38°	31.7
39°	26.4
40°	21.6
42.5°	14.3
45°	9.5



TEST NUMBER: P1287187

CATALOG NUMBER: P3AS13R409030D2WDE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	5.8
50°	2.6
52.5°	1.1
55°	1.1
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)