

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: P1257389

Luminaire Tested: P3AS13R309040DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257389
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309040DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

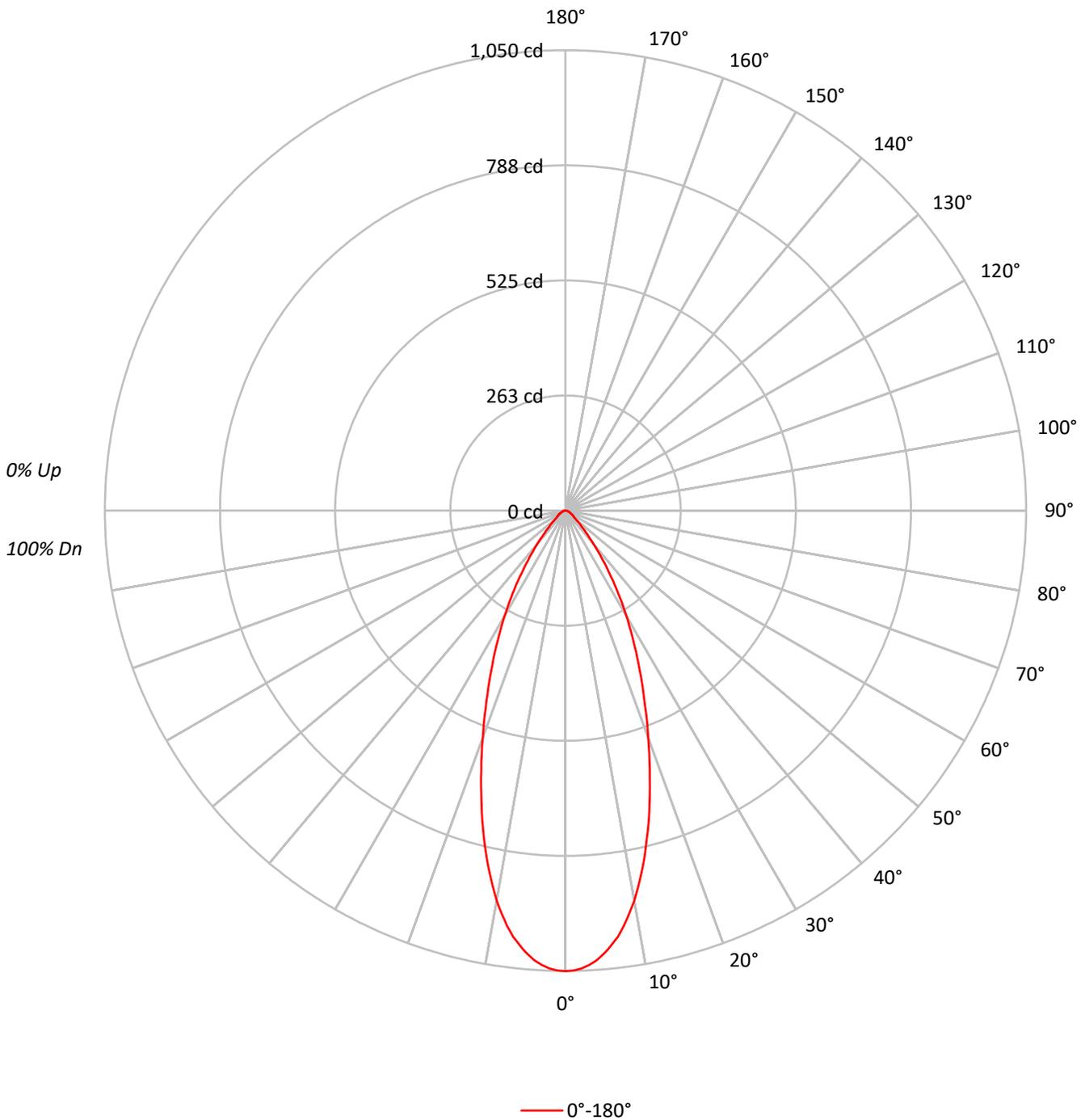
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 674.0 lumens
Efficiency: N/A
Efficacy: 46.2 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1257389
CATALOG NUMBER: P3AS13R309040DE010 E3DLP1MW

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80				80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70				70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65				65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61				61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55				55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	230310
5°	223156
10°	201065
15°	166312
20°	128765
25°	96586
30°	70137
35°	46712
40°	28711
45°	16839
50°	10337
55°	8372
60°	7324
65°	5967
70°	5386
75°	5338
80°	3915
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16839 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.2	13.8
10°-20°	201.8	29.9
20°-30°	183.6	27.2
30°-40°	111.0	16.5
40°-50°	44.5	6.6
50°-60°	19.7	2.9
60°-70°	11.9	1.8
70°-80°	6.5	1.0
80°-90°	1.8	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°	478.6	71.0
0°-40°	589.6	87.5
0°-60°	653.8	97.0
0°-90°	674.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	674.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1050	
5°	1014	93
15°	733	202
25°	399	184
35°	174	111
45°	54	45
55°	22	20
65°	12	12
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1050.3
1°	1049.3
2°	1045.1
3°	1037.8
4°	1027.3
5°	1013.8
6°	997.0
7°	979.3
8°	956.3
9°	930.1
10°	903.0
11°	871.6
12°	838.2
13°	804.7
14°	768.2
15°	732.6
17.5°	639.6
20°	551.8
22.5°	470.3
25°	399.2
27.5°	334.4
30°	277.0
32.5°	223.7
35°	174.5
37.5°	133.8
40°	100.3
42.5°	73.2
45°	54.3
47.5°	40.8
50°	30.3
52.5°	24.0
55°	21.9
57.5°	18.8
60°	16.7
62.5°	13.6
65°	11.5
67.5°	10.5
70°	8.4
72.5°	7.3
75°	6.3
77.5°	5.2
80°	3.1
82.5°	2.1
85°	2.1
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)