

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: P1257441

Luminaire Tested: P3AS13R409040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257441
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

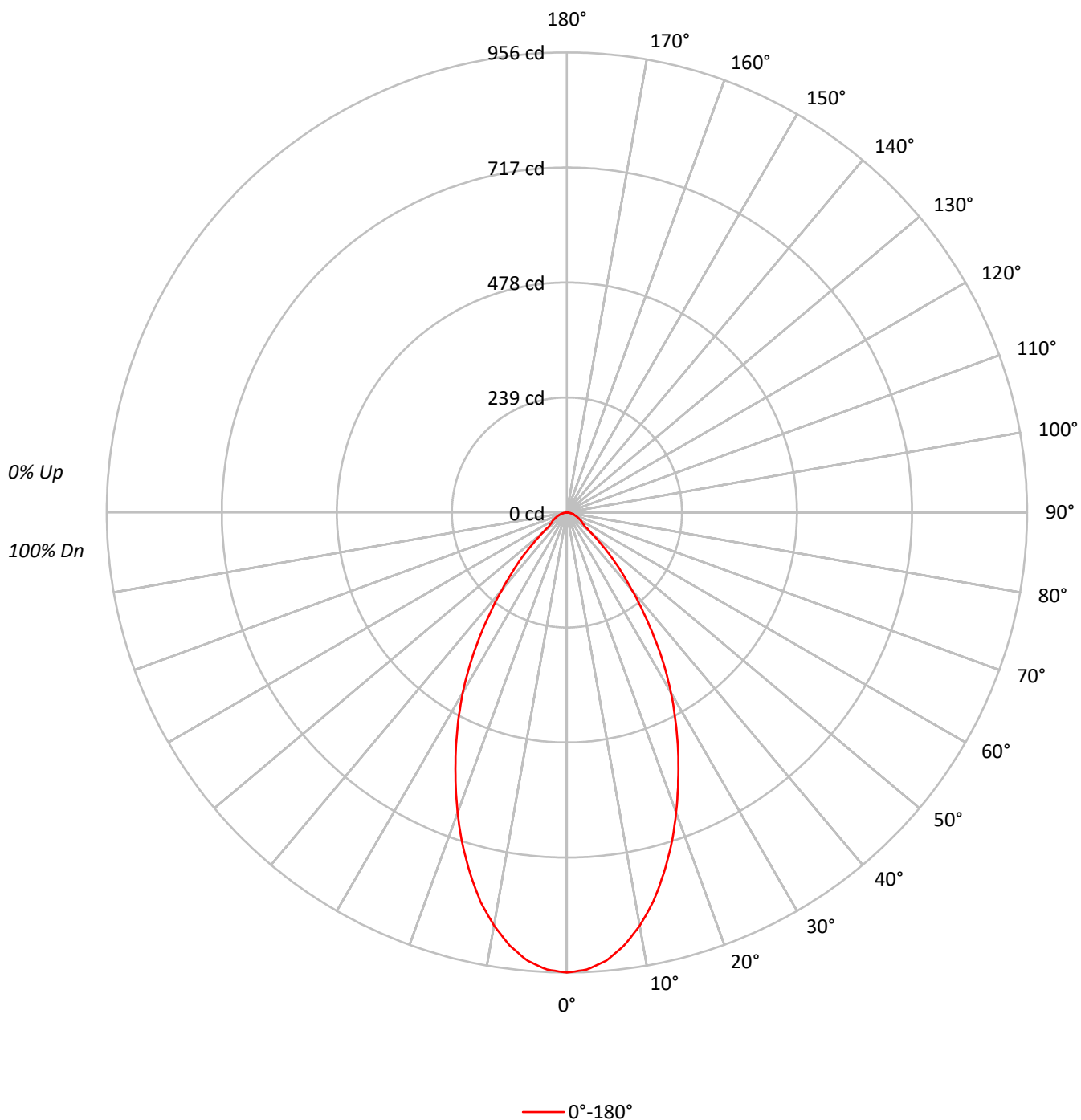
Lumens per Lamp: N/A
Luminaire Lumens: 934.0 lumens
Efficiency: N/A
Efficacy: 64.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257441

CATALOG NUMBER: P3AS13R409040DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1257441

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	209654
5°	205855
10°	194051
15°	176255
20°	154853
25°	132225
30°	109536
35°	84484
40°	60113
45°	40500
50°	22106
55°	15598
60°	14648
65°	13542
70°	12053
75°	11522
80°	9218
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40500 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.2	9.3
10°-20°	216.3	23.2
20°-30°	250.0	26.8
30°-40°	197.0	21.1
40°-50°	101.1	10.8
50°-60°	38.7	4.1
60°-70°	25.6	2.7
70°-80°	13.9	1.5
80°-90°	4.1	0.4
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°	553.5	59.3
0°-40°	750.6	80.4
0°-60°	890.4	95.3
0°-90°	934.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	934.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	956	
5°	935	87
15°	776	216
25°	546	250
35°	316	197
45°	131	101
55°	41	39
65°	26	26
75°	14	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	956.1
2.5°	950.9
5°	935.2
7.5°	908.1
10°	871.5
12.5°	828.7
15°	776.4
17.5°	722.1
20°	663.6
22.5°	604.0
25°	546.5
27.5°	489.0
30°	432.6
32.5°	375.1
35°	315.6
37.5°	260.2
40°	210.0
42.5°	167.2
45°	130.6
47.5°	95.1
50°	64.8
52.5°	47.0
55°	40.8
57.5°	36.6
60°	33.4
62.5°	29.3
65°	26.1
67.5°	21.9
70°	18.8
72.5°	15.7
75°	13.6
77.5°	10.4
80°	7.3
82.5°	6.3
85°	3.1
87.5°	2.1
90°	0.0

(END OF REPORT)