

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: P1251876

Luminaire Tested: P3AS13R159030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251876
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

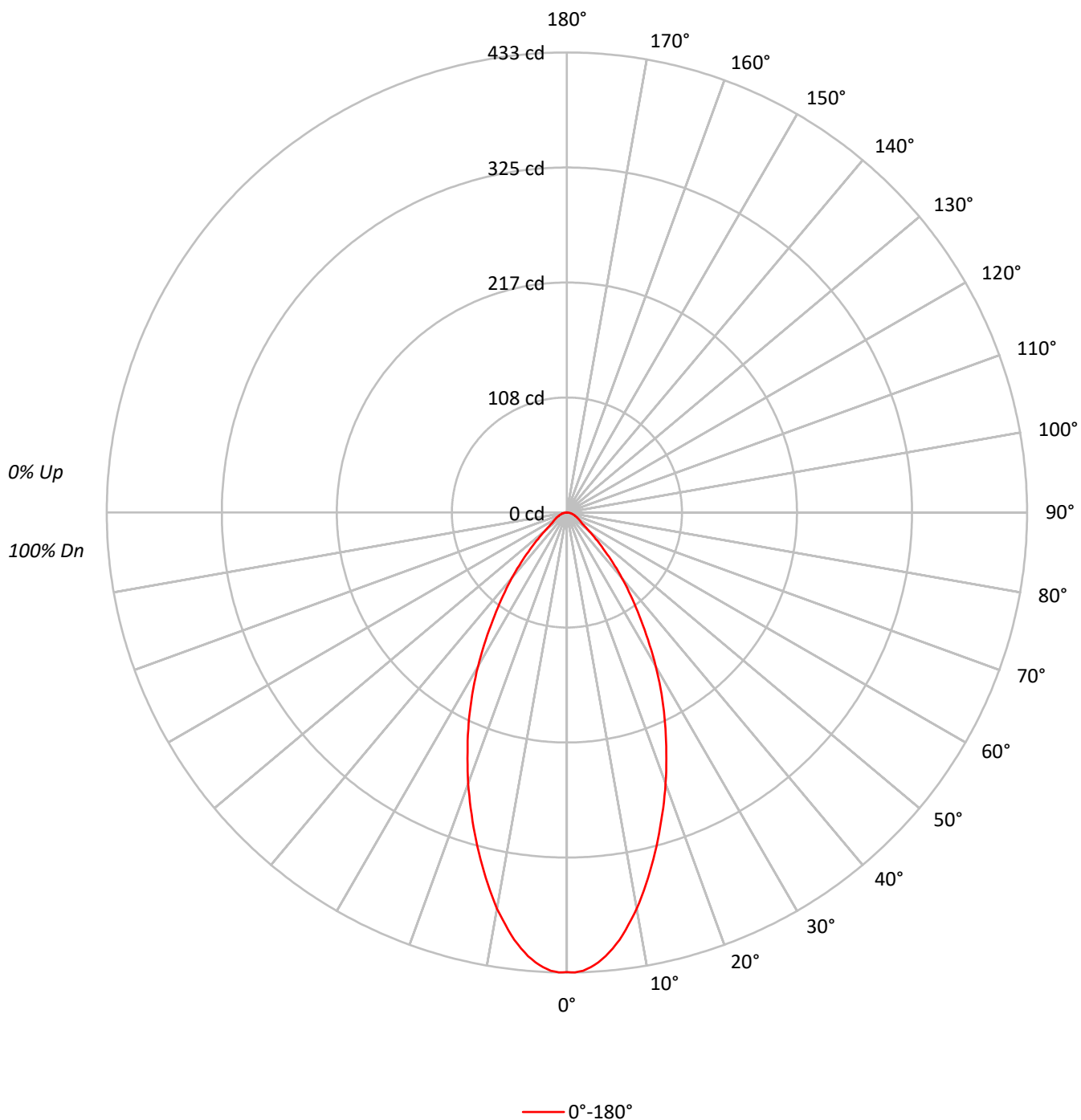
Lumens per Lamp: N/A
Luminaire Lumens: 376.0 lumens
Efficiency: N/A
Efficacy: 25.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	94839
5°	92274
10°	84323
15°	73848
20°	63356
25°	52890
30°	42336
35°	31748
40°	23043
45°	15071
50°	9415
55°	6384
60°	5657
65°	5189
70°	4873
75°	4406
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15071 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	10.3
10°-20°	90.6	24.1
20°-30°	99.9	26.6
30°-40°	74.8	19.9
40°-50°	38.8	10.3
50°-60°	16.1	4.3
60°-70°	10.0	2.6
70°-80°	5.6	1.5
80°-90°	1.6	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°	229.2	61.0
0°-40°	304.0	80.8
0°-60°	358.8	95.4
0°-90°	376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	432	
5°	419	39
15°	325	91
25°	219	100
35°	119	75
45°	49	39
55°	17	16
65°	10	10
75°	5	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	432.5
1°	433.0
2°	431.6
3°	428.7
4°	424.4
5°	419.2
6°	412.5
7°	405.4
8°	396.8
9°	387.7
10°	378.7
12.5°	352.5
15°	325.3
17.5°	298.2
20°	271.5
22.5°	244.4
25°	218.6
27.5°	192.9
30°	167.2
32.5°	141.9
35°	118.6
37.5°	98.6
40°	80.5
42.5°	63.8
45°	48.6
47.5°	36.7
50°	27.6
52.5°	20.5
55°	16.7
57.5°	14.8
60°	12.9
62.5°	11.4
65°	10.0
67.5°	8.6
70°	7.6
72.5°	6.2
75°	5.2
77.5°	4.3
80°	3.3
82.5°	2.4
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)