

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: P1249175

Luminaire Tested: P3AS13R159027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249175
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

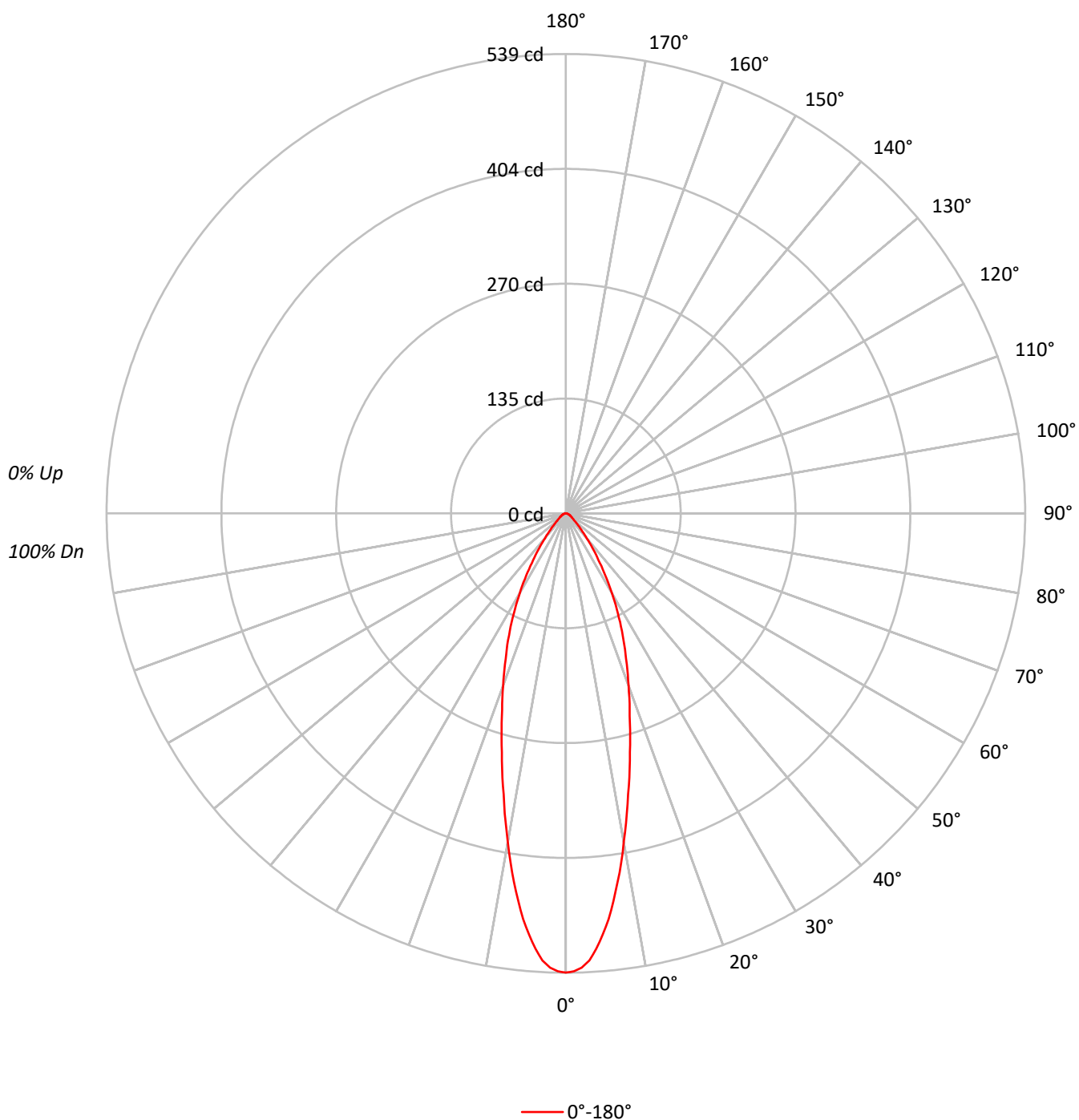
Lumens per Lamp: N/A
Luminaire Lumens: 274.0 lumens
Efficiency: N/A
Efficacy: 18.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	118148
5°	109201
10°	87195
15°	65857
20°	50148
25°	38228
30°	27371
35°	17855
40°	10963
45°	6636
50°	4401
55°	3403
60°	2938
65°	2542
70°	2308
75°	2288
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6636 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.9	16.0
10°-20°	81.1	29.6
20°-30°	72.2	26.3
30°-40°	42.7	15.6
40°-50°	17.5	6.4
50°-60°	8.2	3.0
60°-70°	5.0	1.8
70°-80°	2.6	1.0
80°-90°	0.6	0.2
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°	197.2	72.0
0°-40°	239.9	87.6
0°-60°	265.7	97.0
0°-90°	274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	274.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	539	
5°	496	44
15°	290	81
25°	158	72
35°	67	43
45°	21	18
55°	9	8
65°	5	5
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	538.8
1°	537.5
2°	533.5
3°	525.5
4°	512.1
5°	496.1
6°	478.8
7°	458.3
8°	436.9
9°	415.1
10°	391.6
12.5°	337.7
15°	290.1
17.5°	249.2
20°	214.9
22.5°	184.7
25°	158.0
27.5°	132.1
30°	108.1
32.5°	86.3
35°	66.7
37.5°	51.2
40°	38.3
42.5°	28.5
45°	21.4
47.5°	16.5
50°	12.9
52.5°	10.7
55°	8.9
57.5°	7.6
60°	6.7
62.5°	5.8
65°	4.9
67.5°	4.4
70°	3.6
72.5°	3.1
75°	2.7
77.5°	1.8
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)