

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: P1254707

Luminaire Tested: P3AS13R359035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254707
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

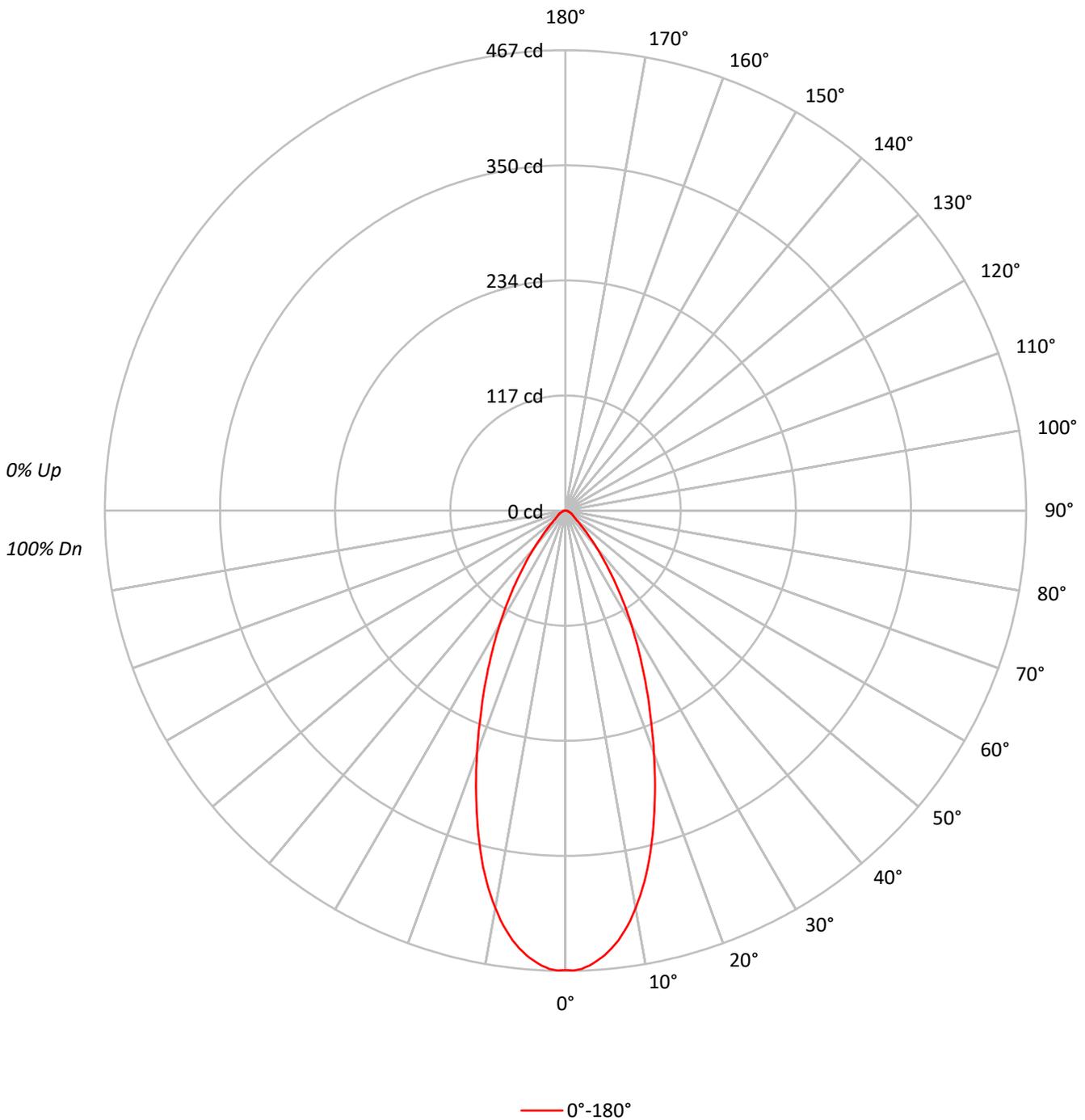
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 318.0 lumens
Efficiency: N/A
Efficacy: 21.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (A_{in}): 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			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			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102207
5°	99692
10°	91136
15°	77367
20°	61232
25°	46309
30°	33727
35°	22807
40°	14026
45°	8063
50°	4844
55°	3938
60°	3421
65°	3061
70°	2500
75°	2457
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8063 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.9	13.2
10°-20°	93.9	29.5
20°-30°	87.9	27.6
30°-40°	53.8	16.9
40°-50°	21.2	6.7
50°-60°	9.3	2.9
60°-70°	5.8	1.8
70°-80°	3.1	1.0
80°-90°	1.1	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°	223.7	70.3
0°-40°	277.5	87.2
0°-60°	308.0	96.9
0°-90°	318.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	318.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	466	
5°	453	42
15°	341	94
25°	191	88
35°	85	54
45°	26	21
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	466.1
1°	466.6
2°	465.2
3°	462.2
4°	457.8
5°	452.9
6°	446.5
7°	439.2
8°	430.4
9°	420.6
10°	409.3
11°	397.6
12°	384.9
13°	371.1
14°	356.0
15°	340.8
17.5°	301.6
20°	262.4
22.5°	224.7
25°	191.4
27.5°	160.6
30°	133.2
32.5°	107.7
35°	85.2
37.5°	65.1
40°	49.0
42.5°	35.3
45°	26.0
47.5°	18.6
50°	14.2
52.5°	11.8
55°	10.3
57.5°	8.8
60°	7.8
62.5°	6.9
65°	5.9
67.5°	4.9
70°	3.9
72.5°	3.4
75°	2.9
77.5°	2.4
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)