

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: P1275944

Luminaire Tested: P3AS09R659835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275944
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

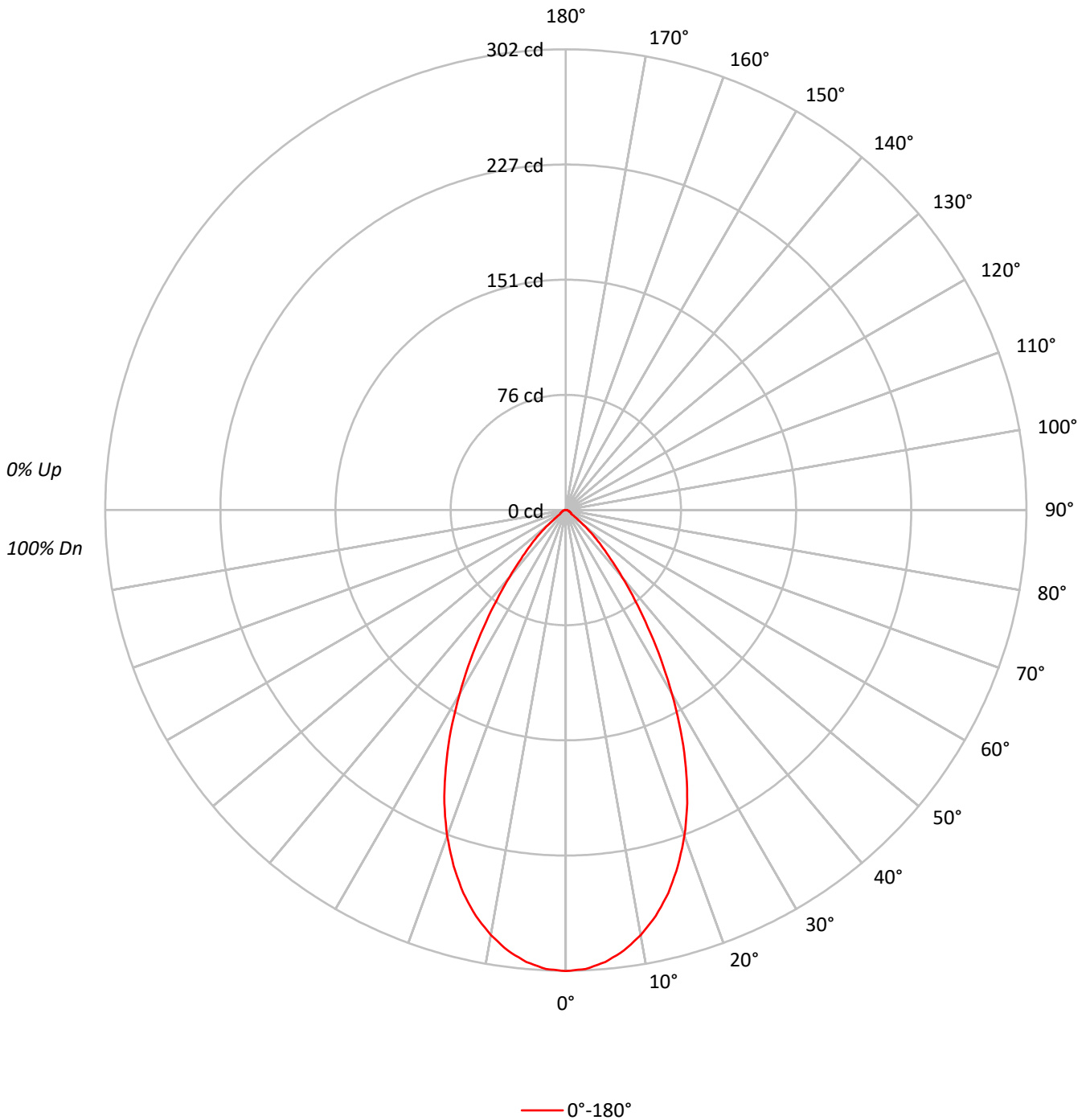
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 281.0 lumens
Efficiency: N/A
Efficacy: 25.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63			
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	66267
5°	65463
10°	62991
15°	59001
20°	53065
25°	45075
30°	35246
35°	25110
40°	16431
45°	10172
50°	5151
55°	1835
60°	1579
65°	1608
70°	1410
75°	1440
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10172 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.9	9.9
10°-20°	72.3	25.7
20°-30°	84.5	30.1
30°-40°	59.1	21.0
40°-50°	26.0	9.3
50°-60°	5.8	2.1
60°-70°	2.9	1.0
70°-80°	1.8	0.6
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°	184.8	65.8
0°-40°	243.9	86.8
0°-60°	275.7	98.1
0°-90°	281.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	281.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	302	
5°	297	28
15°	260	72
25°	186	85
35°	94	59
45°	33	26
55°	5	6
65°	3	3
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	302.2
2.5°	301.1
5°	297.4
7.5°	291.3
10°	282.9
12.5°	272.5
15°	259.9
17.5°	244.5
20°	227.4
22.5°	208.1
25°	186.3
27.5°	163.3
30°	139.2
32.5°	116.0
35°	93.8
37.5°	74.5
40°	57.4
42.5°	43.4
45°	32.8
47.5°	24.1
50°	15.1
52.5°	7.8
55°	4.8
57.5°	4.2
60°	3.6
62.5°	3.4
65°	3.1
67.5°	2.5
70°	2.2
72.5°	2.0
75°	1.7
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)