

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: P1272467

Luminaire Tested: P3AS17R609827DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272467
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609827DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

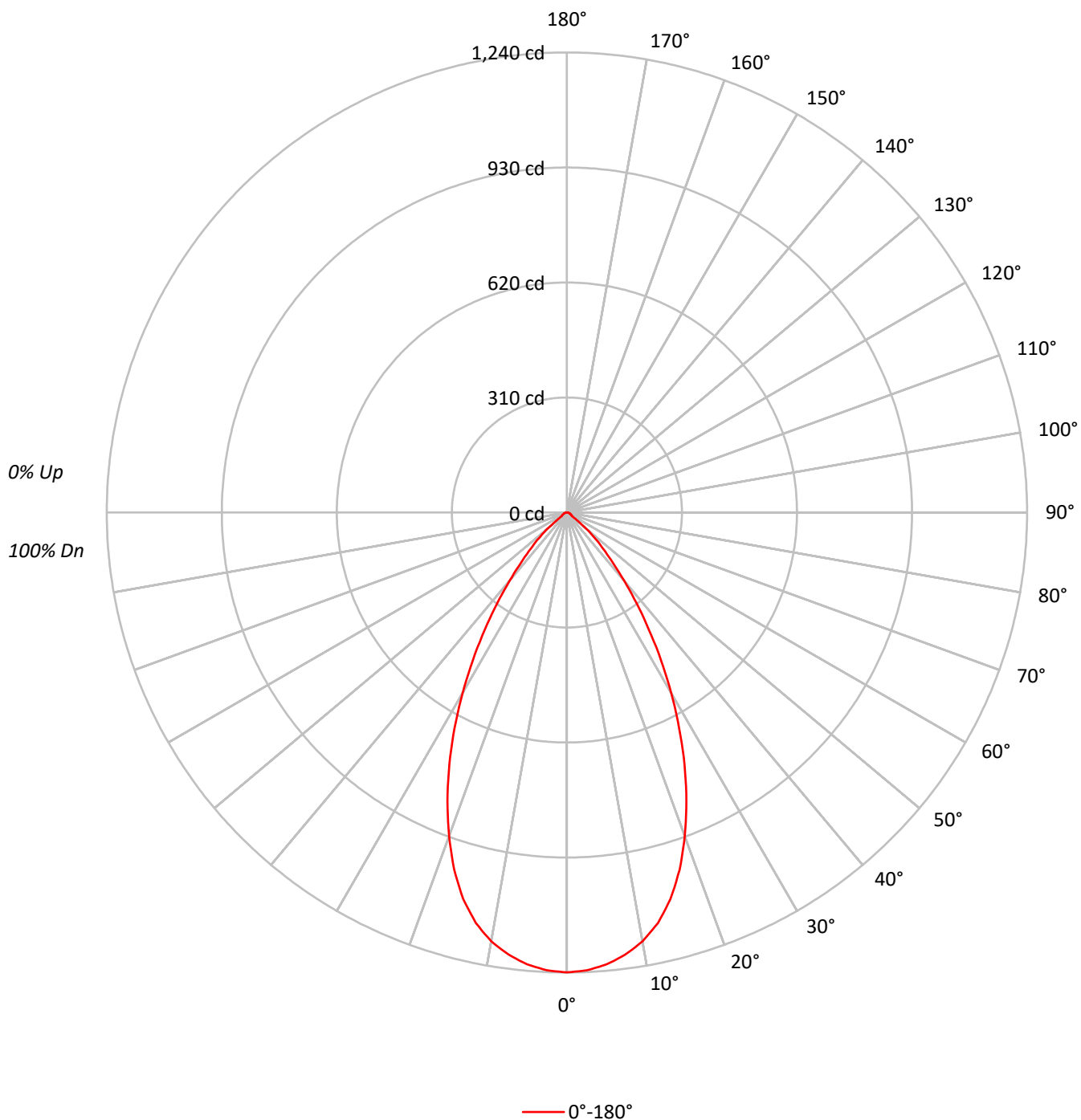
Lumens per Lamp: N/A
Luminaire Lumens: 1151.0 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	110	108	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	91	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	75	73		
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	77	68	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	60	54	50	59	53	50	58	53	50	57	53	49	48		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	271798
5°	269205
10°	261362
15°	244860
20°	216739
25°	181317
30°	142098
35°	103088
40°	68586
45°	42733
50°	23129
55°	6690
60°	6228
65°	5656
70°	5642
75°	5592
80°	5556
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 42733 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.2	10.0
10°-20°	299.3	26.0
20°-30°	341.1	29.6
30°-40°	241.9	21.0
40°-50°	109.7	9.5
50°-60°	23.3	2.0
60°-70°	11.2	1.0
70°-80°	7.0	0.6
80°-90°	2.4	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°	755.5	65.6
0°-40°	997.4	86.7
0°-60°	1130.4	98.2
0°-90°	1151.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1151.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1240	
5°	1223	115
15°	1079	299
25°	749	341
35°	385	242
45°	138	110
55°	18	23
65°	11	11
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1239.5
2.5°	1235.1
5°	1223.0
7.5°	1202.3
10°	1173.8
12.5°	1133.3
15°	1078.6
17.5°	1009.7
20°	928.8
22.5°	841.3
25°	749.4
27.5°	655.3
30°	561.2
32.5°	471.5
35°	385.1
37.5°	308.5
40°	239.6
42.5°	181.6
45°	137.8
47.5°	102.8
50°	67.8
52.5°	31.7
55°	17.5
57.5°	15.3
60°	14.2
62.5°	13.1
65°	10.9
67.5°	9.8
70°	8.8
72.5°	7.7
75°	6.6
77.5°	5.5
80°	4.4
82.5°	3.3
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)