

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: P1272278

Luminaire Tested: P3AS17R259827DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272278
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259827DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

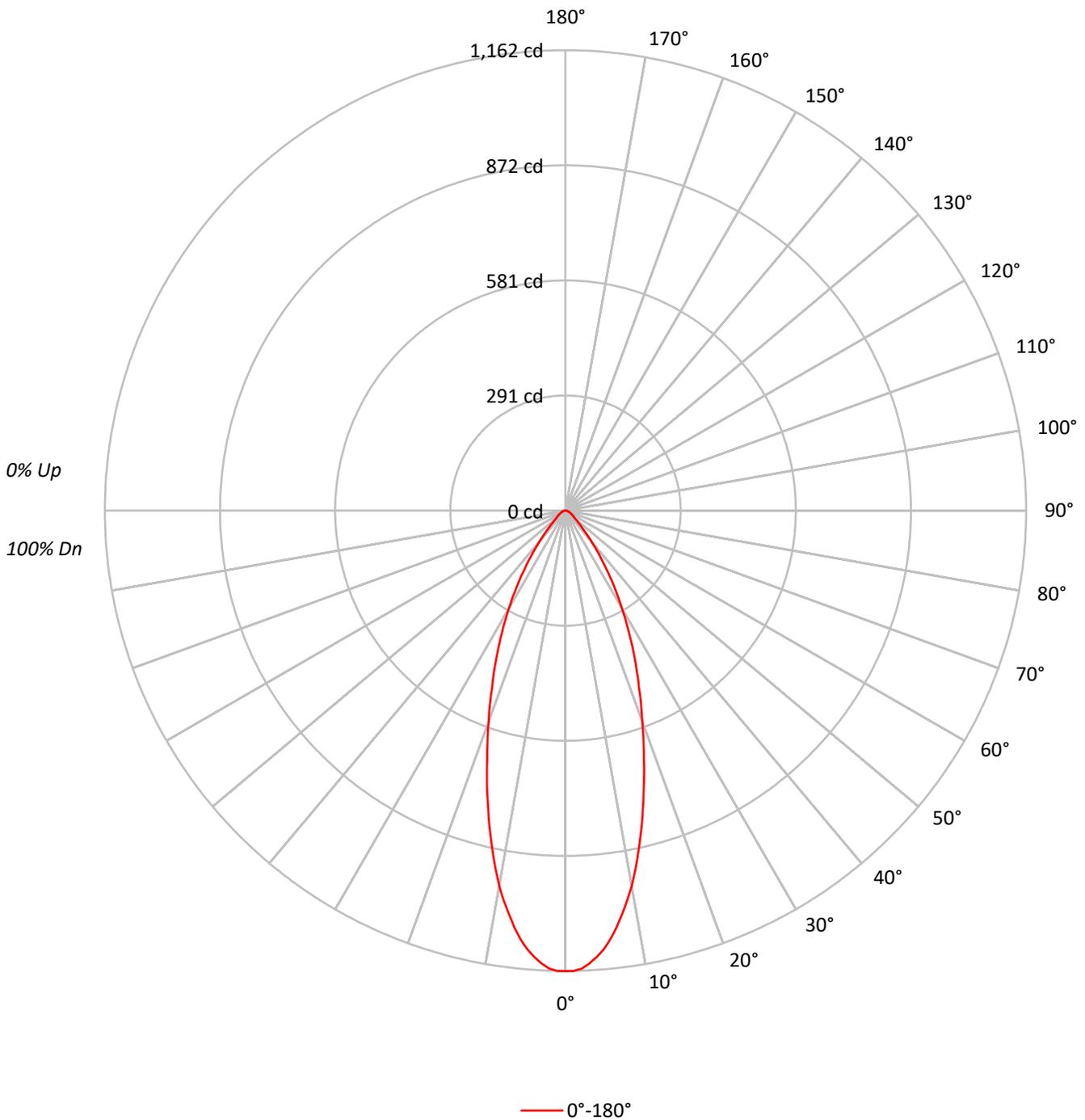
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 702.0 lumens
Efficiency: N/A
Efficacy: 34.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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				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	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	254870
5°	244507
10°	214202
15°	172169
20°	132288
25°	100094
30°	72315
35°	48051
40°	29140
45°	16963
50°	10814
55°	8793
60°	7675
65°	6797
70°	5642
75°	5592
80°	4167
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16963 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.1	14.4
10°-20°	209.7	29.9
20°-30°	189.7	27.0
30°-40°	113.9	16.2
40°-50°	45.2	6.4
50°-60°	20.9	3.0
60°-70°	12.7	1.8
70°-80°	6.8	1.0
80°-90°	1.9	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°	500.5	71.3
0°-40°	614.4	87.5
0°-60°	680.5	96.9
0°-90°	702.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	702.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1162	
5°	1111	101
15°	758	210
25°	414	190
35°	180	114
45°	55	45
55°	23	21
65°	13	13
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1162.3
1°	1162.3
2°	1156.8
3°	1144.8
4°	1129.4
5°	1110.8
6°	1086.8
7°	1059.4
8°	1027.7
9°	995.9
10°	962.0
11°	922.6
12°	882.1
13°	841.6
14°	801.1
15°	758.4
17.5°	657.7
20°	566.9
22.5°	484.8
25°	413.7
27.5°	346.9
30°	285.6
32.5°	229.8
35°	179.5
37.5°	136.8
40°	101.8
42.5°	74.4
45°	54.7
47.5°	41.6
50°	31.7
52.5°	26.3
55°	23.0
57.5°	19.7
60°	17.5
62.5°	14.2
65°	13.1
67.5°	10.9
70°	8.8
72.5°	7.7
75°	6.6
77.5°	5.5
80°	3.3
82.5°	2.2
85°	2.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)