

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: P1275005

Luminaire Tested: P3AS02R209835DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275005
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209835DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

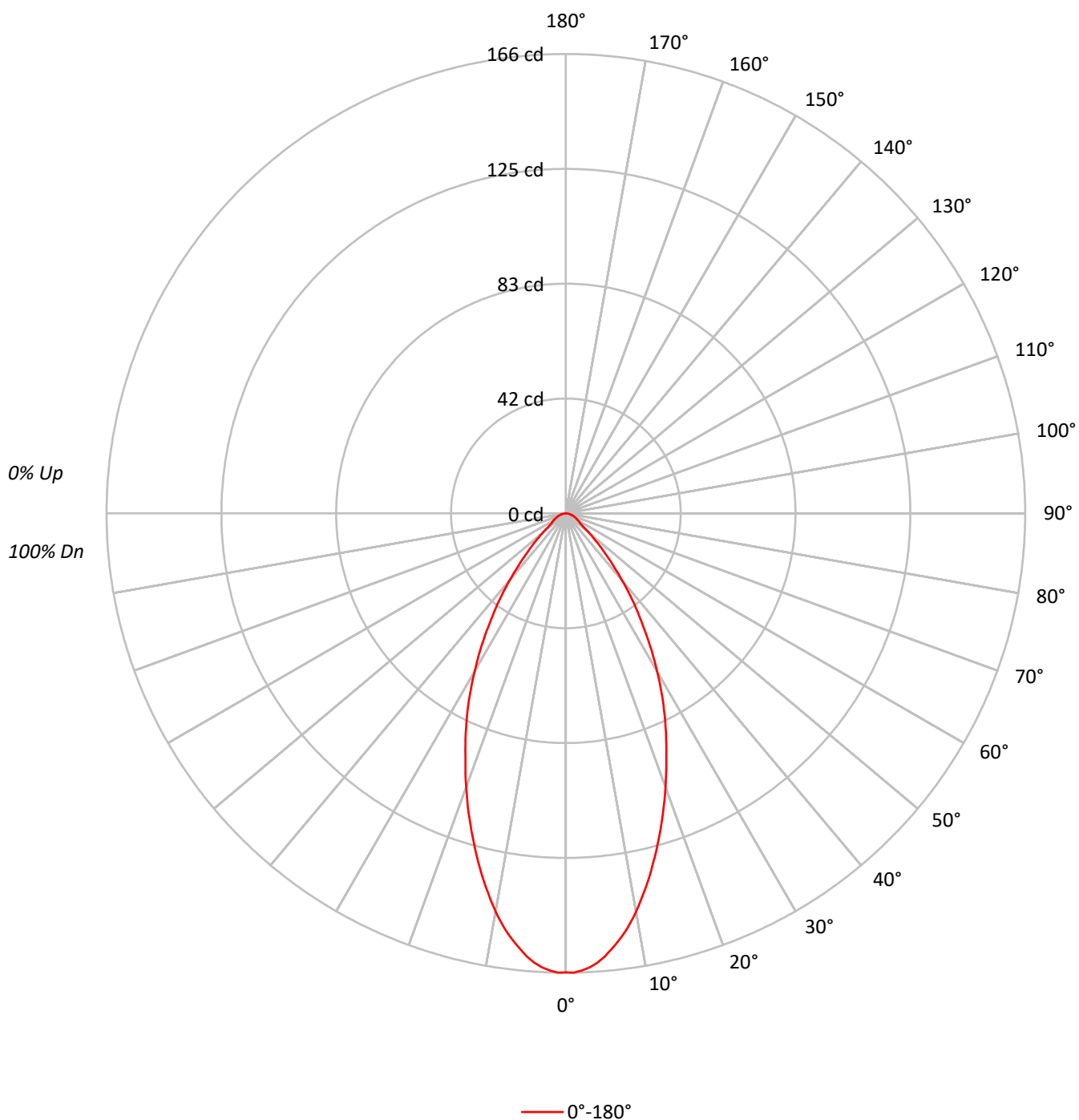
Lumens per Lamp: N/A
Luminaire Lumens: 147.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	36357
5°	35395
10°	32553
15°	28649
20°	24572
25°	20638
30°	16686
35°	12689
40°	9046
45°	5954
50°	3684
55°	2409
60°	2193
65°	2024
70°	1923
75°	1779
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5954 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.9	10.1
10°-20°	35.1	23.9
20°-30°	39.0	26.5
30°-40°	29.8	20.2
40°-50°	15.2	10.4
50°-60°	6.2	4.2
60°-70°	3.9	2.7
70°-80°	2.2	1.5
80°-90°	0.6	0.4
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°	89.0	60.6
0°-40°	118.8	80.8
0°-60°	140.2	95.4
0°-90°	147.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	147.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	166	
5°	161	15
15°	126	35
25°	85	39
35°	47	30
45°	19	15
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	165.8
1°	166.0
2°	165.3
3°	164.3
4°	162.8
5°	160.8
6°	158.3
7°	155.7
8°	152.9
9°	149.6
10°	146.2
12.5°	136.5
15°	126.2
17.5°	115.8
20°	105.3
22.5°	94.9
25°	85.3
27.5°	75.8
30°	65.9
32.5°	56.6
35°	47.4
37.5°	39.4
40°	31.6
42.5°	24.8
45°	19.2
47.5°	14.6
50°	10.8
52.5°	8.0
55°	6.3
57.5°	5.8
60°	5.0
62.5°	4.5
65°	3.9
67.5°	3.4
70°	3.0
72.5°	2.4
75°	2.1
77.5°	1.7
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)