

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: P1268539

Luminaire Tested: P3A02R159740DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R159740DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

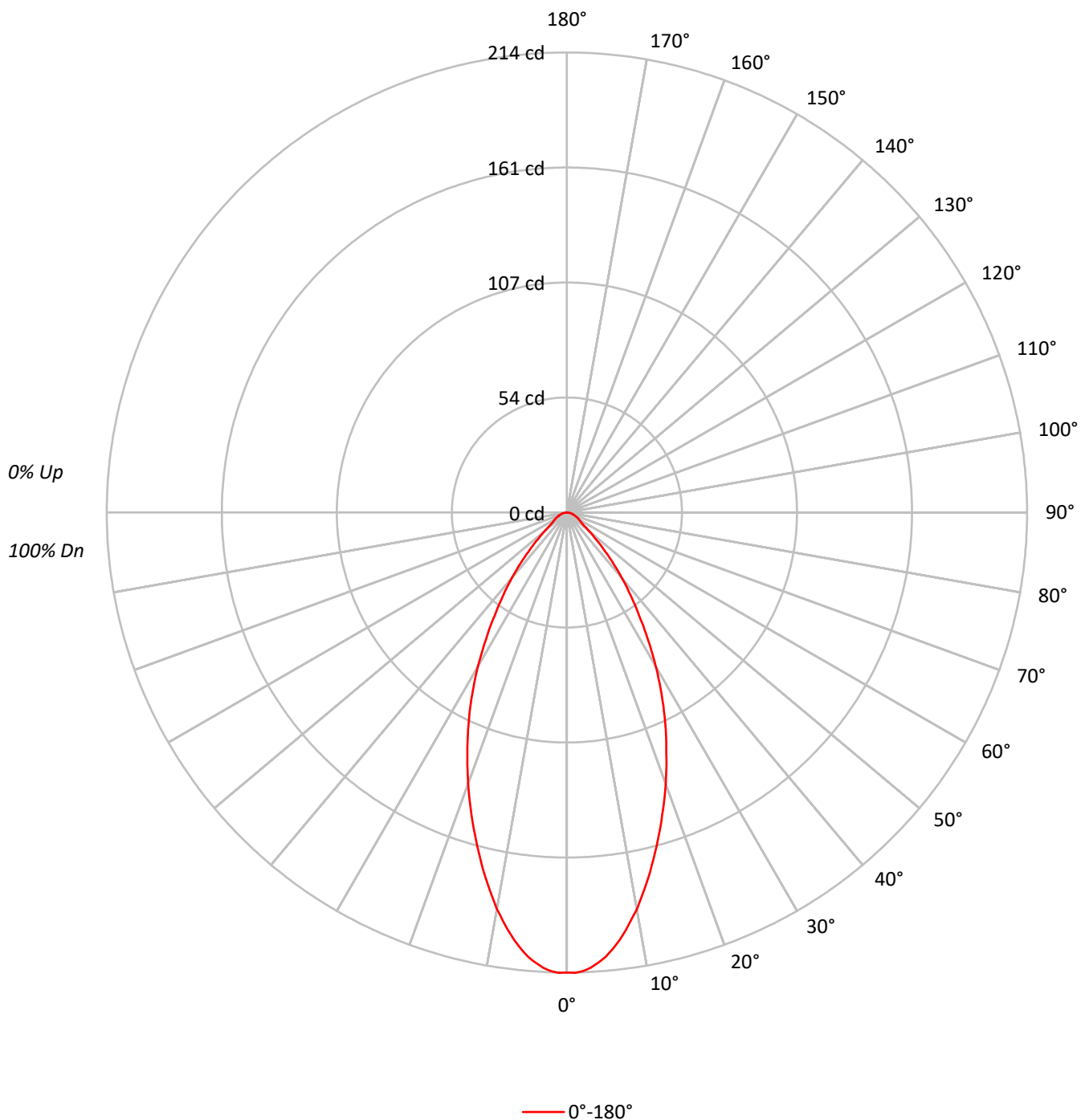
Lumens per Lamp: N/A
Luminaire Lumens: 186.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	70	63	58	78	69	63	58	67	62	58	66	61	58	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46926
5°	45653
10°	41705
15°	36527
20°	31339
25°	26179
30°	20940
35°	15714
40°	11393
45°	7443
50°	4674
55°	3135
60°	2807
65°	2542
70°	2436
75°	2203
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7443 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	10.3
10°-20°	44.8	24.1
20°-30°	49.4	26.6
30°-40°	37.0	19.9
40°-50°	19.2	10.3
50°-60°	7.9	4.3
60°-70°	4.9	2.6
70°-80°	2.8	1.5
80°-90°	0.8	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°	113.4	61.0
0°-40°	150.4	80.9
0°-60°	177.5	95.4
0°-90°	186.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	186.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	214	
5°	207	19
15°	161	45
25°	108	49
35°	59	37
45°	24	19
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	214.0
1°	214.2
2°	213.5
3°	212.1
4°	209.9
5°	207.4
6°	204.1
7°	200.5
8°	196.3
9°	191.8
10°	187.3
12.5°	174.4
15°	160.9
17.5°	147.5
20°	134.3
22.5°	120.9
25°	108.2
27.5°	95.4
30°	82.7
32.5°	70.2
35°	58.7
37.5°	48.8
40°	39.8
42.5°	31.6
45°	24.0
47.5°	18.1
50°	13.7
52.5°	10.1
55°	8.2
57.5°	7.3
60°	6.4
62.5°	5.7
65°	4.9
67.5°	4.2
70°	3.8
72.5°	3.1
75°	2.6
77.5°	2.1
80°	1.6
82.5°	1.2
85°	0.7
87.5°	0.2
90°	0.0

(END OF REPORT)