

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: P1273623

Luminaire Tested: P3A09R209830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273623
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: P3A09R209830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

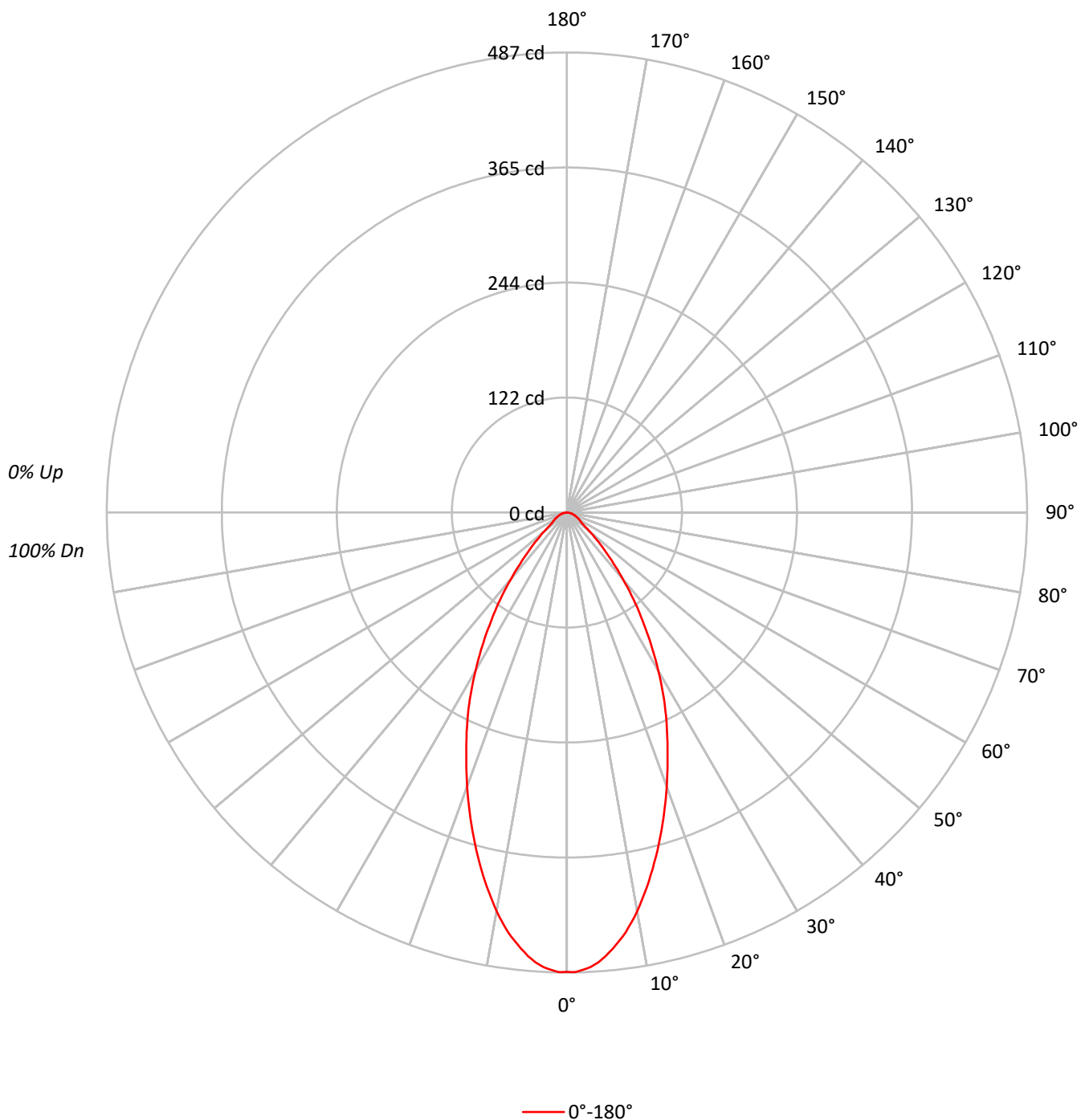
Lumens per Lamp: N/A
Luminaire Lumens: 431.0 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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°	106614
5°	103764
10°	95456
15°	84019
20°	72060
25°	60536
30°	48944
35°	37236
40°	26478
45°	17490
50°	10848
55°	7111
60°	6491
65°	5967
70°	5642
75°	5083
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17490 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.6	10.1
10°-20°	103.0	23.9
20°-30°	114.4	26.5
30°-40°	87.2	20.2
40°-50°	44.7	10.4
50°-60°	18.3	4.3
60°-70°	11.5	2.7
70°-80°	6.4	1.5
80°-90°	1.8	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°	261.0	60.6
0°-40°	348.3	80.8
0°-60°	411.3	95.4
0°-90°	431.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	431.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	486	
5°	471	44
15°	370	103
25°	250	114
35°	139	87
45°	56	45
55°	19	18
65°	12	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	486.2
1°	486.7
2°	484.5
3°	481.8
4°	477.4
5°	471.4
6°	464.3
7°	456.6
8°	448.4
9°	438.5
10°	428.7
12.5°	400.2
15°	370.1
17.5°	339.4
20°	308.8
22.5°	278.1
25°	250.2
27.5°	222.3
30°	193.3
32.5°	165.9
35°	139.1
37.5°	115.5
40°	92.5
42.5°	72.8
45°	56.4
47.5°	42.7
50°	31.8
52.5°	23.5
55°	18.6
57.5°	17.0
60°	14.8
62.5°	13.1
65°	11.5
67.5°	9.9
70°	8.8
72.5°	7.1
75°	6.0
77.5°	4.9
80°	3.8
82.5°	2.7
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)