

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: P1254356

Luminaire Tested: P3AS09R459035DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459035DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

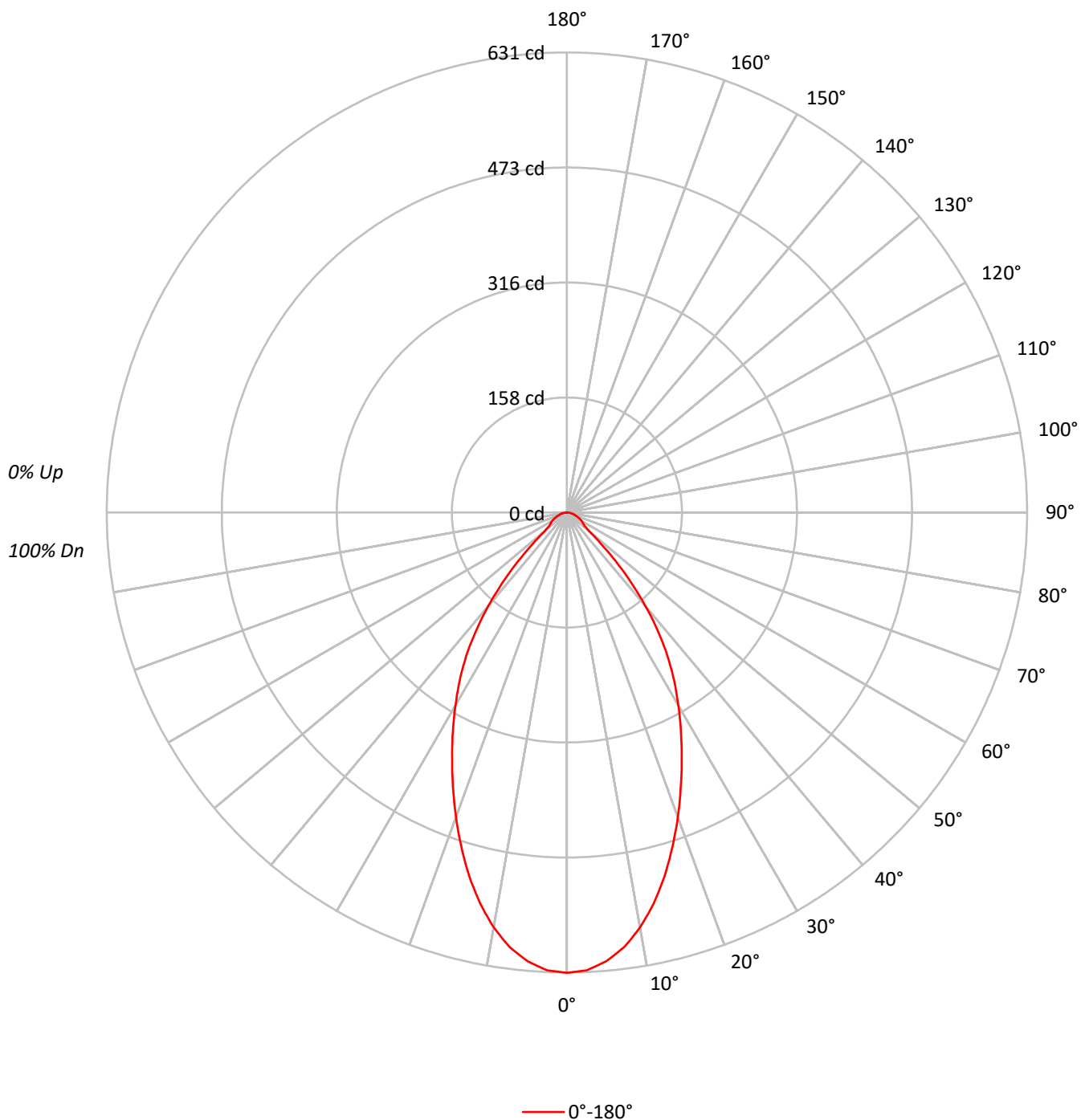
Lumens per Lamp: N/A
Luminaire Lumens: 653.0 lumens
Efficiency: N/A
Efficacy: 58.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	138454
5°	135989
10°	128699
15°	117367
20°	103796
25°	90126
30°	77354
35°	64460
40°	48033
45°	29398
50°	13611
55°	10628
60°	10218
65°	9391
70°	8655
75°	8303
80°	7577
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29398 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.7	8.8
10°-20°	143.9	22.0
20°-30°	171.0	26.2
30°-40°	148.6	22.8
40°-50°	74.5	11.4
50°-60°	25.9	4.0
60°-70°	18.2	2.8
70°-80°	10.1	1.5
80°-90°	3.1	0.5
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°	372.7	57.1
0°-40°	521.3	79.8
0°-60°	621.6	95.2
0°-90°	653.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	653.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	631	
5°	618	58
15°	517	144
25°	372	171
35°	241	149
45°	95	75
55°	28	26
65°	18	18
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	631.4
2.5°	628.4
5°	617.8
7.5°	601.3
10°	578.0
12.5°	549.4
15°	517.0
17.5°	480.9
20°	444.8
22.5°	407.9
25°	372.5
27.5°	338.6
30°	305.5
32.5°	273.9
35°	240.8
37.5°	205.4
40°	167.8
42.5°	130.9
45°	94.8
47.5°	62.5
50°	39.9
52.5°	30.9
55°	27.8
57.5°	25.6
60°	23.3
62.5°	21.1
65°	18.1
67.5°	15.8
70°	13.5
72.5°	11.3
75°	9.8
77.5°	7.5
80°	6.0
82.5°	4.5
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)