

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: P1255827

Luminaire Tested: P3A24R459035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255827
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: P3A24R459035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

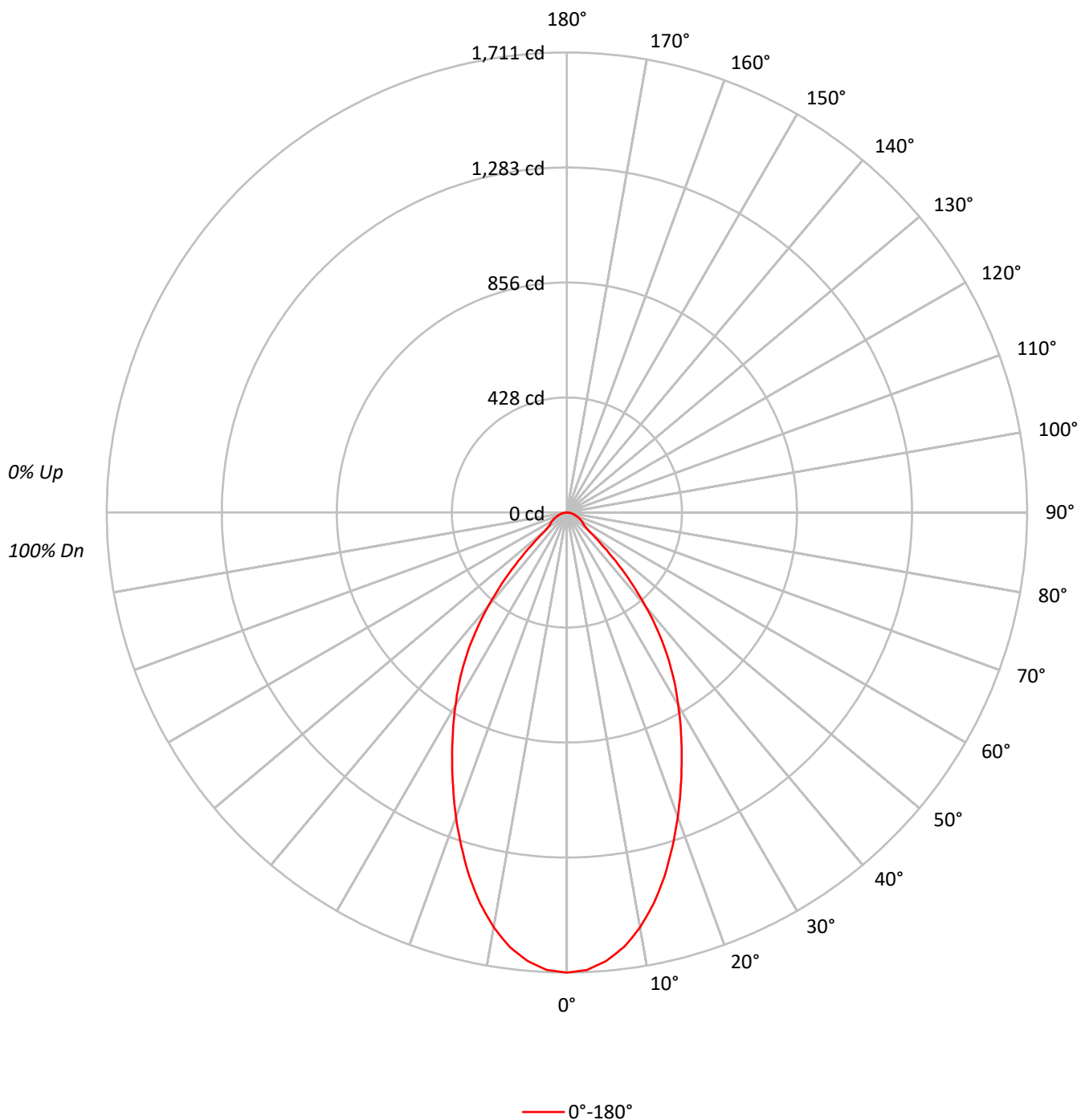
Lumens per Lamp: N/A
Luminaire Lumens: 1770.0 lumens
Efficiency: N/A
Efficacy: 61.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	375277
5°	368632
10°	348825
15°	318140
20°	281308
25°	244296
30°	209703
35°	174723
40°	130215
45°	79698
50°	36877
55°	28864
60°	27717
65°	25424
70°	23530
75°	22452
80°	20583
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 79698 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.5	8.8
10°-20°	390.2	22.0
20°-30°	463.6	26.2
30°-40°	402.8	22.8
40°-50°	202.0	11.4
50°-60°	70.1	4.0
60°-70°	49.2	2.8
70°-80°	27.4	1.5
80°-90°	8.3	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°	1010.2	57.1
0°-40°	1412.9	79.8
0°-60°	1685.1	95.2
0°-90°	1770.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1770.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1711	
5°	1675	156
15°	1401	390
25°	1010	464
35°	653	403
45°	257	202
55°	76	70
65°	49	49
75°	26	27
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1711.4
2.5°	1703.3
5°	1674.7
7.5°	1629.8
10°	1566.6
12.5°	1489.1
15°	1401.4
17.5°	1303.4
20°	1205.5
22.5°	1105.6
25°	1009.7
27.5°	917.9
30°	828.2
32.5°	742.5
35°	652.7
37.5°	556.9
40°	454.9
42.5°	354.9
45°	257.0
47.5°	169.3
50°	108.1
52.5°	83.6
55°	75.5
57.5°	69.4
60°	63.2
62.5°	57.1
65°	49.0
67.5°	42.8
70°	36.7
72.5°	30.6
75°	26.5
77.5°	20.4
80°	16.3
82.5°	12.2
85°	6.1
87.5°	4.1
90°	0.0

(END OF REPORT)