

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: P1263923

Luminaire Tested: P3A02R409730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263923
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R409730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

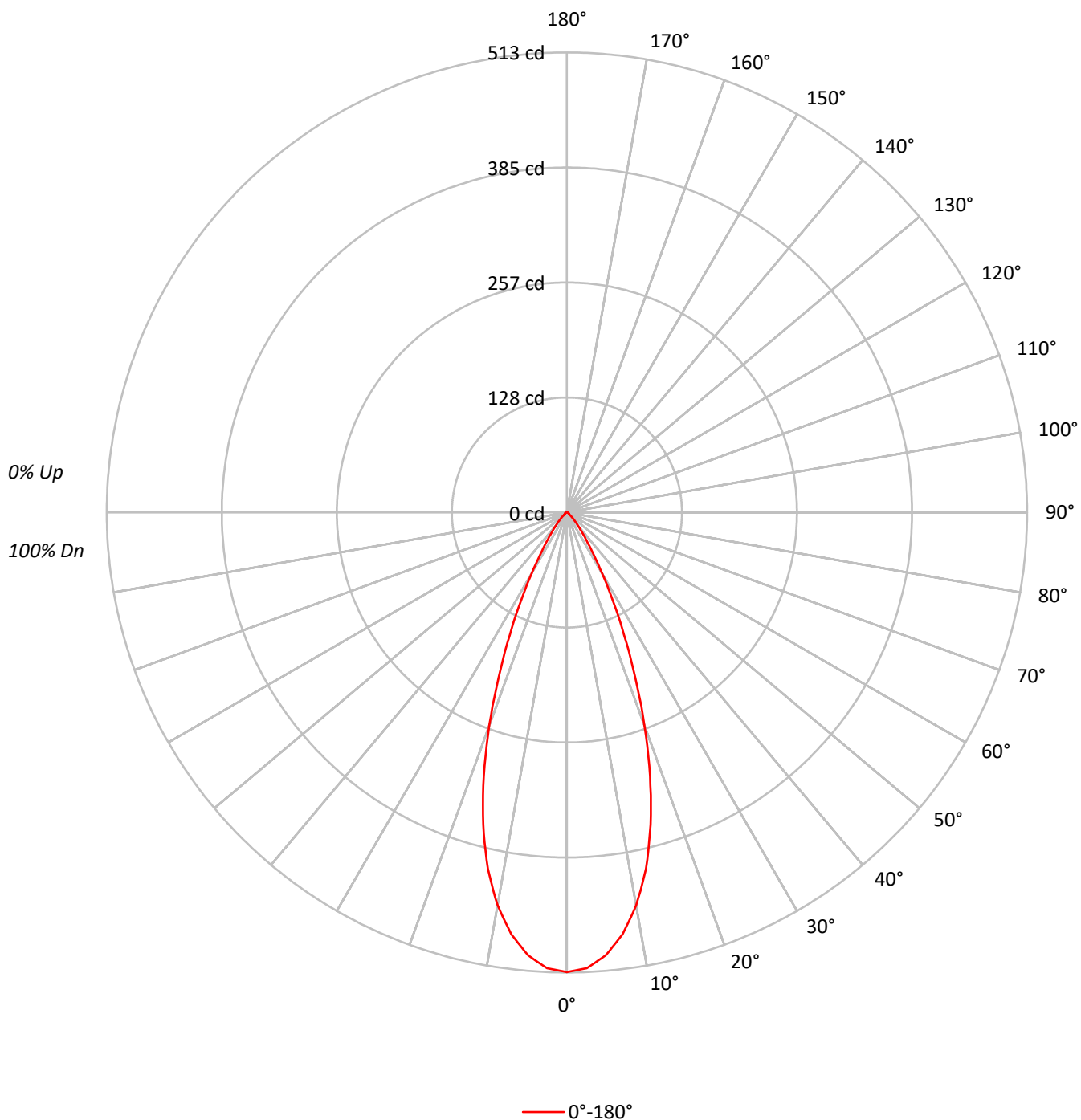
Lumens per Lamp: N/A
Luminaire Lumens: 254.0 lumens
Efficiency: N/A
Efficacy: 70.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1263923

CATALOG NUMBER: P3A02R409730DE010 E3DL1MW

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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112403
5°	109135
10°	99041
15°	81817
20°	59015
25°	36510
30°	19750
35°	10226
40°	5553
45°	3101
50°	1569
55°	1185
60°	1053
65°	1038
70°	962
75°	932
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3101 cd/sqm

TEST NUMBER: P1263923

CATALOG NUMBER: P3A02R409730DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	18.0
10°-20°	98.1	38.6
20°-30°	70.0	27.6
30°-40°	25.8	10.1
40°-50°	8.1	3.2
50°-60°	2.8	1.1
60°-70°	1.9	0.8
70°-80°	1.2	0.5
80°-90°	0.3	0.1
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°	213.9	84.2
0°-40°	239.6	94.3
0°-60°	250.6	98.7
0°-90°	254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	254.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	513	
5°	496	46
15°	360	98
25°	151	70
35°	38	26
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	512.6
2.5°	508.6
5°	495.8
7.5°	474.4
10°	444.8
12.5°	407.0
15°	360.4
17.5°	308.1
20°	252.9
22.5°	198.6
25°	150.9
27.5°	110.8
30°	78.0
32.5°	54.7
35°	38.2
37.5°	27.0
40°	19.4
42.5°	14.0
45°	10.0
47.5°	6.8
50°	4.6
52.5°	3.3
55°	3.1
57.5°	2.8
60°	2.4
62.5°	2.2
65°	2.0
67.5°	1.7
70°	1.5
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)