

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: P1273476

Luminaire Tested: P3A05R559830DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273476
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R559830DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

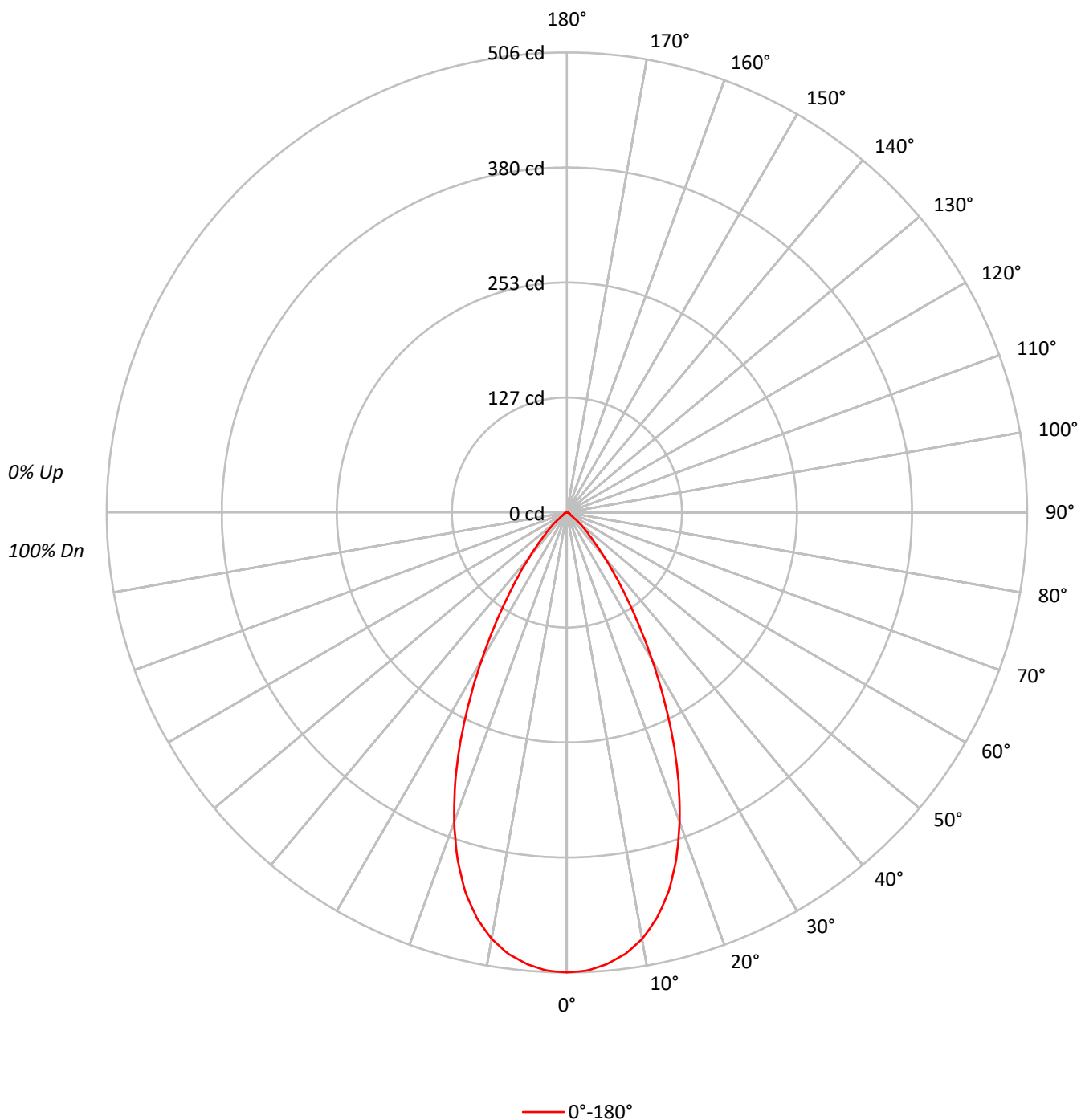
Lumens per Lamp: N/A
Luminaire Lumens: 404.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110934
5°	109817
10°	106055
15°	98026
20°	84591
25°	66802
30°	47400
35°	30570
40°	18349
45°	10358
50°	5561
55°	1988
60°	1798
65°	1712
70°	1667
75°	1610
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10358 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.9	11.6
10°-20°	119.4	29.6
20°-30°	125.1	31.0
30°-40°	73.0	18.1
40°-50°	27.3	6.8
50°-60°	6.4	1.6
60°-70°	3.3	0.8
70°-80°	2.0	0.5
80°-90°	0.6	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°	291.4	72.1
0°-40°	364.5	90.2
0°-60°	398.2	98.6
0°-90°	404.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	404.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	506	
5°	499	47
15°	432	119
25°	276	125
35°	114	73
45°	33	27
55°	5	6
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	505.9
2.5°	504.4
5°	498.9
7.5°	490.0
10°	476.3
12.5°	457.0
15°	431.8
17.5°	399.9
20°	362.5
22.5°	320.6
25°	276.1
27.5°	230.5
30°	187.2
32.5°	147.9
35°	114.2
37.5°	86.7
40°	64.1
42.5°	46.0
45°	33.4
47.5°	24.1
50°	16.3
52.5°	9.3
55°	5.2
57.5°	4.4
60°	4.1
62.5°	3.7
65°	3.3
67.5°	3.0
70°	2.6
72.5°	2.2
75°	1.9
77.5°	1.5
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)