

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: P1264389

Luminaire Tested: P3A05R509730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264389
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R509730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

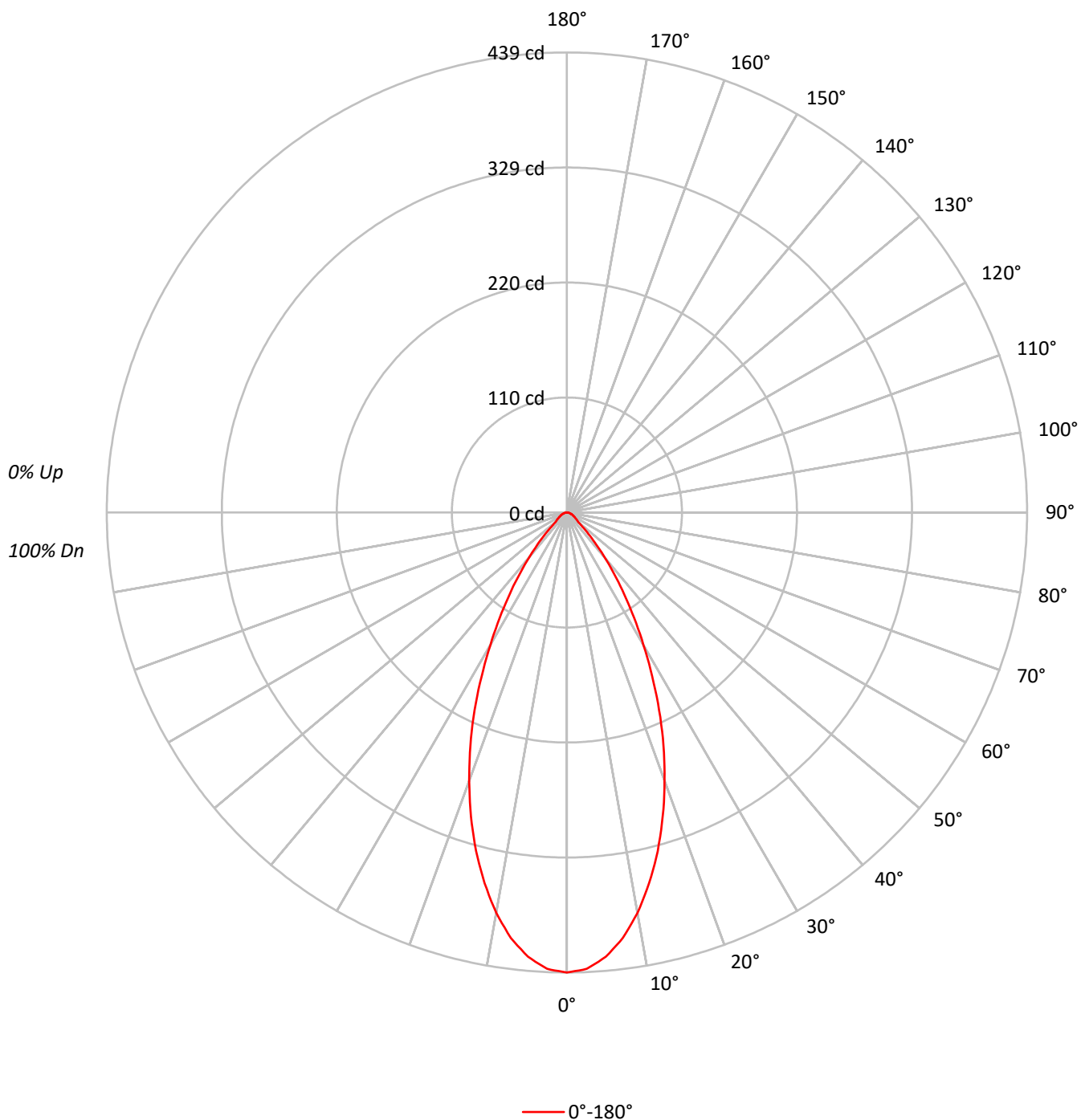
Lumens per Lamp: N/A
Luminaire Lumens: 331.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	96264
5°	93682
10°	86393
15°	75960
20°	63566
25°	50398
30°	36968
35°	25431
40°	16145
45°	9024
50°	4878
55°	4129
60°	3552
65°	3269
70°	2885
75°	2626
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9024 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.4	11.9
10°-20°	92.7	28.0
20°-30°	94.8	28.6
30°-40°	60.1	18.2
40°-50°	23.9	7.2
50°-60°	9.7	2.9
60°-70°	6.2	1.9
70°-80°	3.2	1.0
80°-90°	1.0	0.3
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°	226.9	68.6
0°-40°	287.0	86.7
0°-60°	320.7	96.9
0°-90°	331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	331.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	439	
5°	426	39
15°	335	93
25°	208	95
35°	95	60
45°	29	24
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	439.0
2.5°	435.9
5°	425.6
7.5°	409.5
10°	388.0
12.5°	362.4
15°	334.6
17.5°	304.2
20°	272.4
22.5°	240.6
25°	208.3
27.5°	176.1
30°	146.0
32.5°	119.2
35°	95.0
37.5°	74.4
40°	56.4
42.5°	41.7
45°	29.1
47.5°	19.7
50°	14.3
52.5°	12.1
55°	10.8
57.5°	9.4
60°	8.1
62.5°	7.2
65°	6.3
67.5°	5.4
70°	4.5
72.5°	3.6
75°	3.1
77.5°	2.2
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)