

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: P1269093

Luminaire Tested: P3A05R409740DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269093
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R409740DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

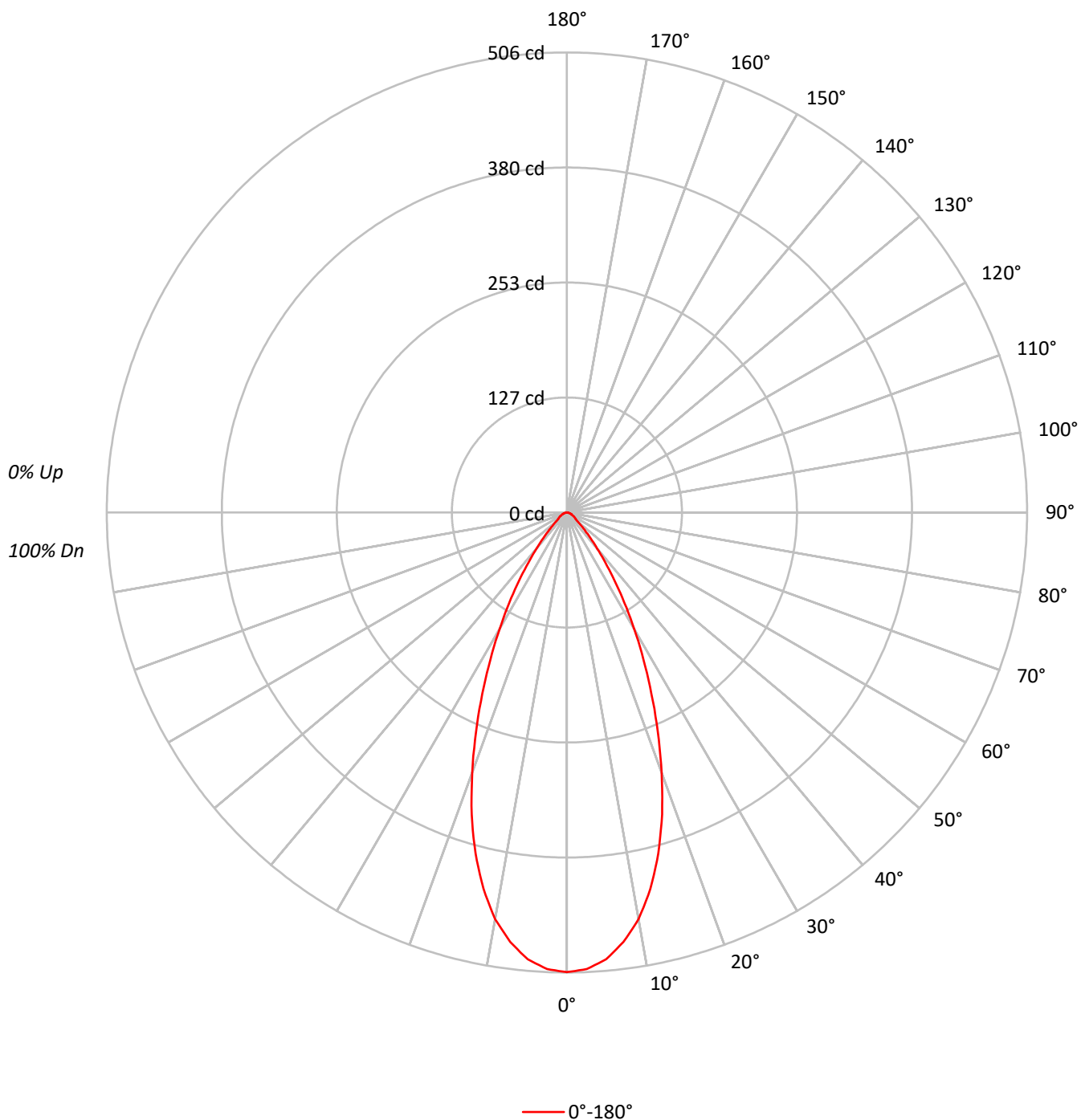
Lumens per Lamp: N/A
Luminaire Lumens: 356.0 lumens
Efficiency: N/A
Efficacy: 49.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110846
5°	108606
10°	101111
15°	88128
20°	71033
25°	53229
30°	37423
35°	24521
40°	14856
45°	8869
50°	5288
55°	4244
60°	3815
65°	3269
70°	3077
75°	2457
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8869 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.8	12.9
10°-20°	106.9	30.0
20°-30°	100.8	28.3
30°-40°	58.3	16.4
40°-50°	23.2	6.5
50°-60°	10.3	2.9
60°-70°	6.3	1.8
70°-80°	3.3	0.9
80°-90°	1.1	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°	253.5	71.2
0°-40°	311.8	87.6
0°-60°	345.3	97.0
0°-90°	356.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	356.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	506	
5°	493	46
15°	388	107
25°	220	101
35°	92	58
45°	29	23
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	505.5
2.5°	502.6
5°	493.4
7.5°	476.4
10°	454.1
12.5°	424.1
15°	388.2
17.5°	348.0
20°	304.4
22.5°	260.8
25°	220.0
27.5°	182.2
30°	147.8
32.5°	117.8
35°	91.6
37.5°	69.3
40°	51.9
42.5°	38.8
45°	28.6
47.5°	20.8
50°	15.5
52.5°	12.6
55°	11.1
57.5°	10.2
60°	8.7
62.5°	7.3
65°	6.3
67.5°	5.3
70°	4.8
72.5°	3.9
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)