

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: P1269439

Luminaire Tested: P3A09R359740DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269439
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359740DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

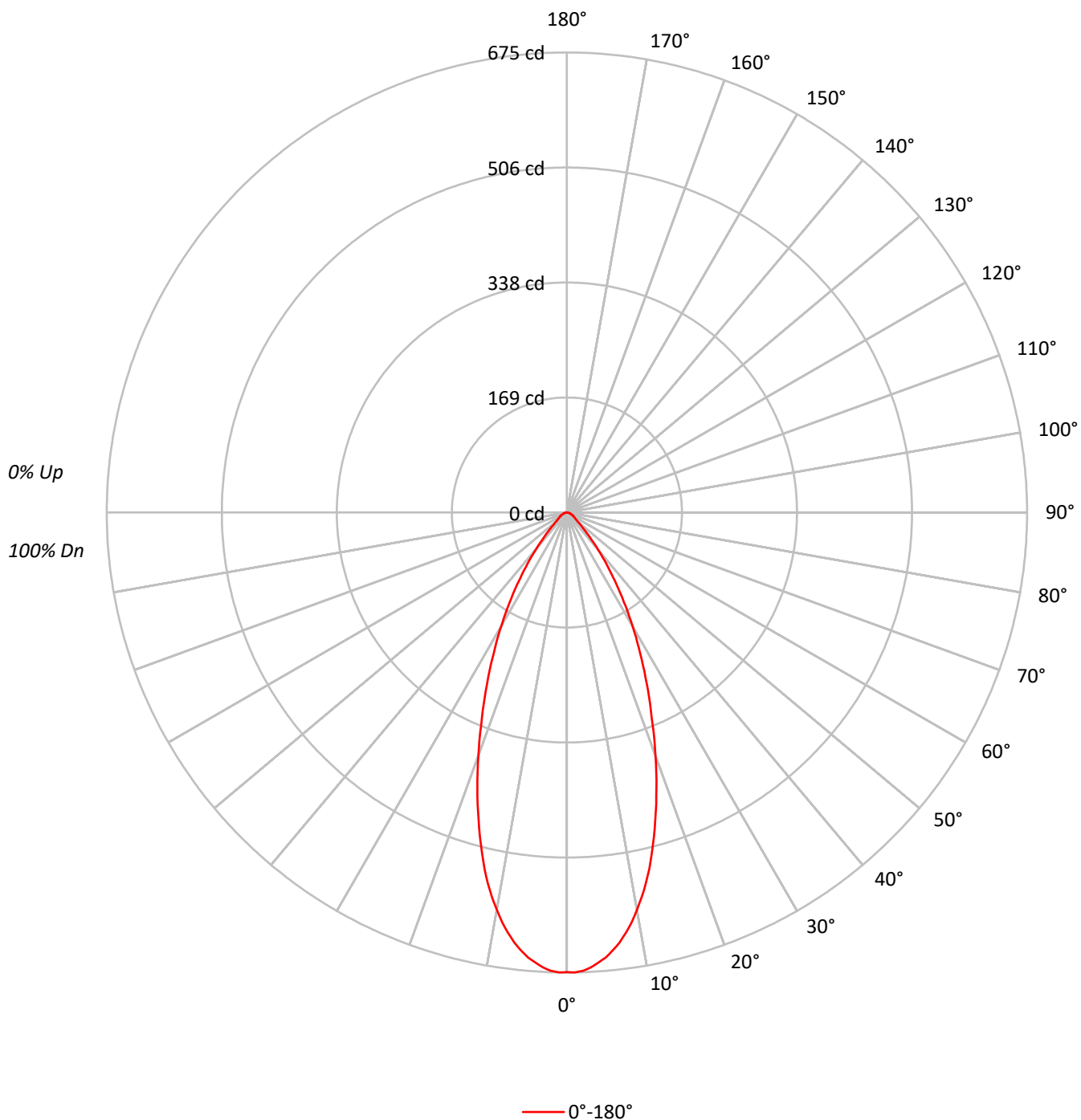
Lumens per Lamp: N/A
Luminaire Lumens: 459.9 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		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	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	147861
5°	144222
10°	131839
15°	111919
20°	88581
25°	66996
30°	48792
35°	32980
40°	20267
45°	11629
50°	6993
55°	5696
60°	4956
65°	4410
70°	3654
75°	3558
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11629 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.5	13.2
10°-20°	135.9	29.5
20°-30°	127.1	27.6
30°-40°	77.8	16.9
40°-50°	30.7	6.7
50°-60°	13.5	2.9
60°-70°	8.4	1.8
70°-80°	4.5	1.0
80°-90°	1.5	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°	323.6	70.4
0°-40°	401.4	87.3
0°-60°	445.5	96.9
0°-90°	459.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	459.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	674	
5°	655	61
15°	493	136
25°	277	127
35°	123	78
45°	38	31
55°	15	13
65°	8	8
75°	4	4
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	674.3
1°	675.0
2°	672.9
3°	668.6
4°	662.2
5°	655.2
6°	645.9
7°	635.3
8°	622.6
9°	608.4
10°	592.1
11°	575.1
12°	556.7
13°	536.9
14°	514.9
15°	493.0
17.5°	436.3
20°	379.6
22.5°	325.1
25°	276.9
27.5°	232.3
30°	192.7
32.5°	155.8
35°	123.2
37.5°	94.2
40°	70.8
42.5°	51.0
45°	37.5
47.5°	26.9
50°	20.5
52.5°	17.0
55°	14.9
57.5°	12.7
60°	11.3
62.5°	9.9
65°	8.5
67.5°	7.1
70°	5.7
72.5°	5.0
75°	4.2
77.5°	3.5
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)