

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: P1275840

Luminaire Tested: P3AS09R459835DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275840
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459835DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

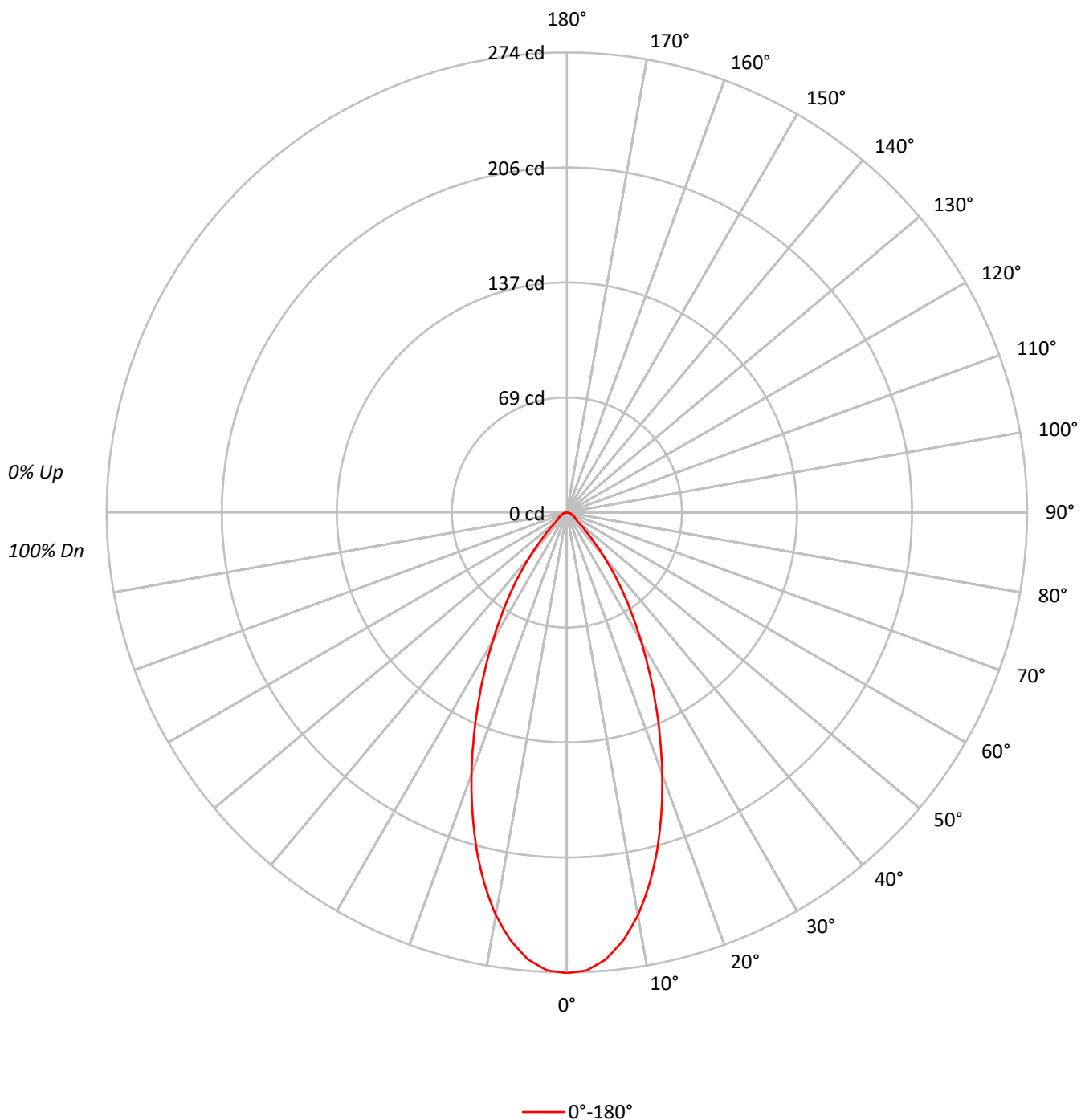
Lumens per Lamp: N/A
Luminaire Lumens: 202.0 lumens
Efficiency: N/A
Efficacy: 18.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	60171
5°	58794
10°	54241
15°	47174
20°	38737
25°	30147
30°	22257
35°	15660
40°	9790
45°	5303
50°	2866
55°	2447
60°	2193
65°	1868
70°	1603
75°	1694
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5303 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	12.2
10°-20°	57.4	28.4
20°-30°	57.0	28.2
30°-40°	36.7	18.2
40°-50°	14.1	7.0
50°-60°	5.7	2.8
60°-70°	3.6	1.8
70°-80°	2.0	1.0
80°-90°	0.6	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°	139.2	68.9
0°-40°	175.9	87.1
0°-60°	195.8	96.9
0°-90°	202.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	202.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	274	
5°	267	25
15°	208	57
25°	125	57
35°	58	37
45°	17	14
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	274.4
2.5°	273.0
5°	267.1
7.5°	257.0
10°	243.6
12.5°	226.8
15°	207.8
17.5°	187.0
20°	166.0
22.5°	144.8
25°	124.6
27.5°	105.6
30°	87.9
32.5°	72.5
35°	58.5
37.5°	45.9
40°	34.2
42.5°	24.6
45°	17.1
47.5°	11.5
50°	8.4
52.5°	7.0
55°	6.4
57.5°	5.6
60°	5.0
62.5°	4.2
65°	3.6
67.5°	3.1
70°	2.5
72.5°	2.2
75°	2.0
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)