

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: P1254300

Luminaire Tested: P3AS09R359035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254300
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: P3AS09R359035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

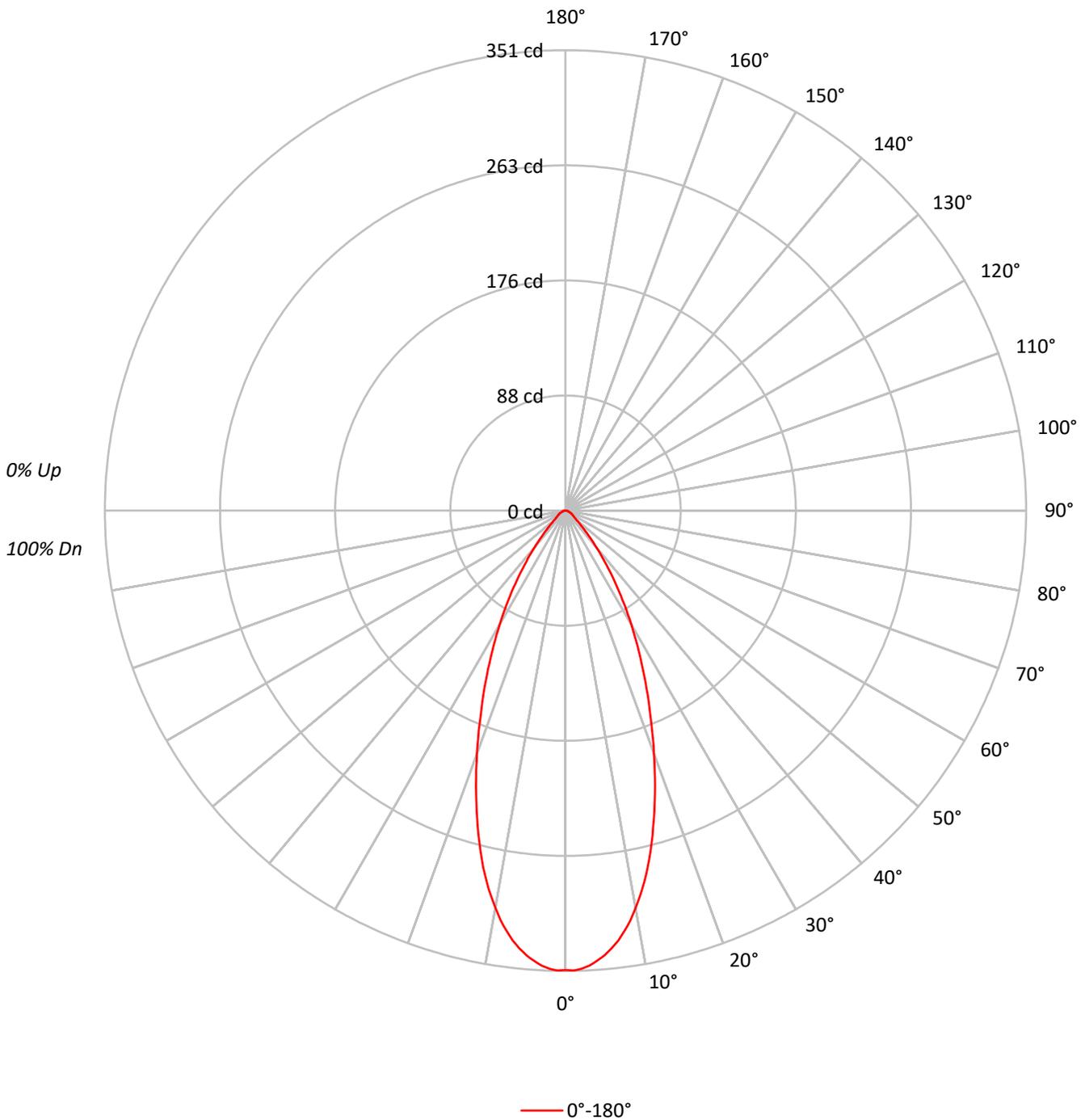
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 239.0 lumens
Efficiency: N/A
Efficacy: 21.5 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 (A_{in}): 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

TEST NUMBER: P1254300
CATALOG NUMBER: P3AS09R359035DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1254300
 CATALOG NUMBER: P3AS09R359035DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	87	87	87	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	81	81	81	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	62	62	62	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	59	59	59	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	56	56	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	53	53	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76814
5°	74928
10°	68491
15°	58139
20°	46017
25°	34817
30°	25346
35°	17132
40°	10534
45°	6047
50°	3650
55°	2944
60°	2588
65°	2283
70°	1859
75°	1864
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6047 cd/sqm



TEST NUMBER: P1254300
 CATALOG NUMBER: P3AS09R359035DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.5	13.2
10°-20°	70.6	29.5
20°-30°	66.1	27.6
30°-40°	40.4	16.9
40°-50°	15.9	6.7
50°-60°	7.0	2.9
60°-70°	4.4	1.8
70°-80°	2.3	1.0
80°-90°	0.8	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°	168.1	70.3
0°-40°	208.5	87.3
0°-60°	231.5	96.9
0°-90°	239.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	239.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	350	
5°	340	31
15°	256	71
25°	144	66
35°	64	40
45°	20	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1254300
CATALOG NUMBER: P3AS09R359035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	350.3
1°	350.7
2°	349.6
3°	347.4
4°	344.1
5°	340.4
6°	335.6
7°	330.1
8°	323.5
9°	316.1
10°	307.6
11°	298.8
12°	289.2
13°	278.9
14°	267.5
15°	256.1
17.5°	226.7
20°	197.2
22.5°	168.9
25°	143.9
27.5°	120.7
30°	100.1
32.5°	81.0
35°	64.0
37.5°	48.9
40°	36.8
42.5°	26.5
45°	19.5
47.5°	14.0
50°	10.7
52.5°	8.8
55°	7.7
57.5°	6.6
60°	5.9
62.5°	5.2
65°	4.4
67.5°	3.7
70°	2.9
72.5°	2.6
75°	2.2
77.5°	1.8
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4



TEST NUMBER: P1254300
CATALOG NUMBER: P3AS09R359035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)