

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: P1248103

Luminaire Tested: P3AS02R359027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248103
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: P3AS02R359027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

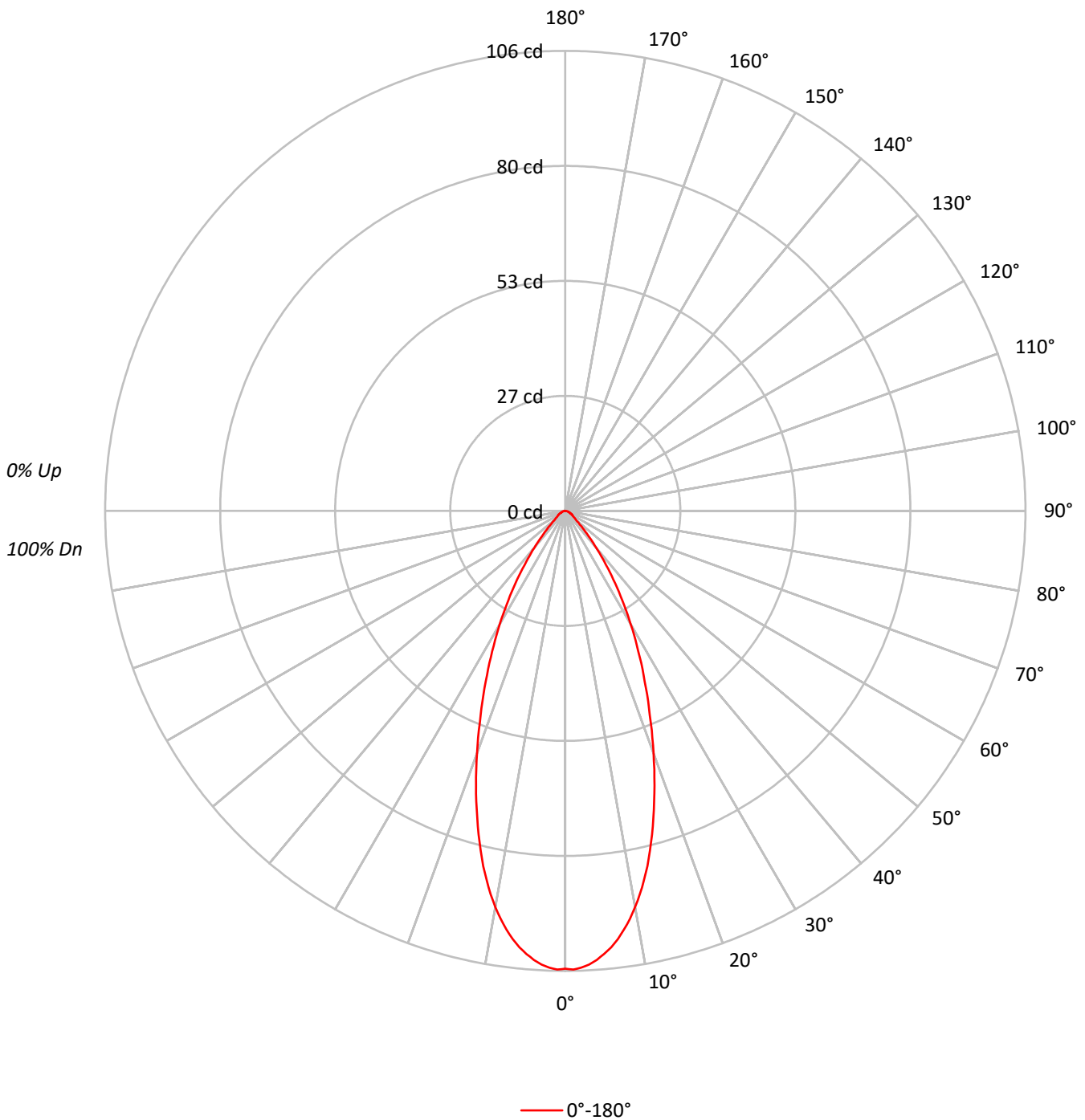
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 72.0 lumens
Efficiency: N/A
Efficacy: 20.0 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): 3.6
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

TEST NUMBER: P1248103
CATALOG NUMBER: P3AS02R359027DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1248103
 CATALOG NUMBER: P3AS02R359027DE010 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	100			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	80	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	23134
5°	22562
10°	20641
15°	17526
20°	13861
25°	10476
30°	7647
35°	5166
40°	3177
45°	1830
50°	1092
55°	879
60°	789
65°	675
70°	577
75°	593
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1830 cd/sqm



TEST NUMBER: P1248103
 CATALOG NUMBER: P3AS02R359027DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	13.2
10°-20°	21.3	29.5
20°-30°	19.9	27.6
30°-40°	12.2	16.9
40°-50°	4.8	6.7
50°-60°	2.1	2.9
60°-70°	1.3	1.8
70°-80°	0.7	1.0
80°-90°	0.2	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
<hr/>		
0°-30°	50.6	70.3
0°-40°	62.8	87.2
0°-60°	69.8	96.9
0°-90°	72.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	72.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	106	
5°	102	9
15°	77	21
25°	43	20
35°	19	12
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1248103
CATALOG NUMBER: P3AS02R359027DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	105.5
1°	105.7
2°	105.3
3°	104.7
4°	103.7
5°	102.5
6°	101.1
7°	99.4
8°	97.4
9°	95.2
10°	92.7
11°	90.0
12°	87.1
13°	84.0
14°	80.6
15°	77.2
17.5°	68.3
20°	59.4
22.5°	50.9
25°	43.3
27.5°	36.4
30°	30.2
32.5°	24.4
35°	19.3
37.5°	14.7
40°	11.1
42.5°	8.0
45°	5.9
47.5°	4.2
50°	3.2
52.5°	2.7
55°	2.3
57.5°	2.0
60°	1.8
62.5°	1.6
65°	1.3
67.5°	1.1
70°	0.9
72.5°	0.8
75°	0.7
77.5°	0.6
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1



TEST NUMBER: P1248103
CATALOG NUMBER: P3AS02R359027DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)