

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: P1245701

Luminaire Tested: P3AS02R309024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245701
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

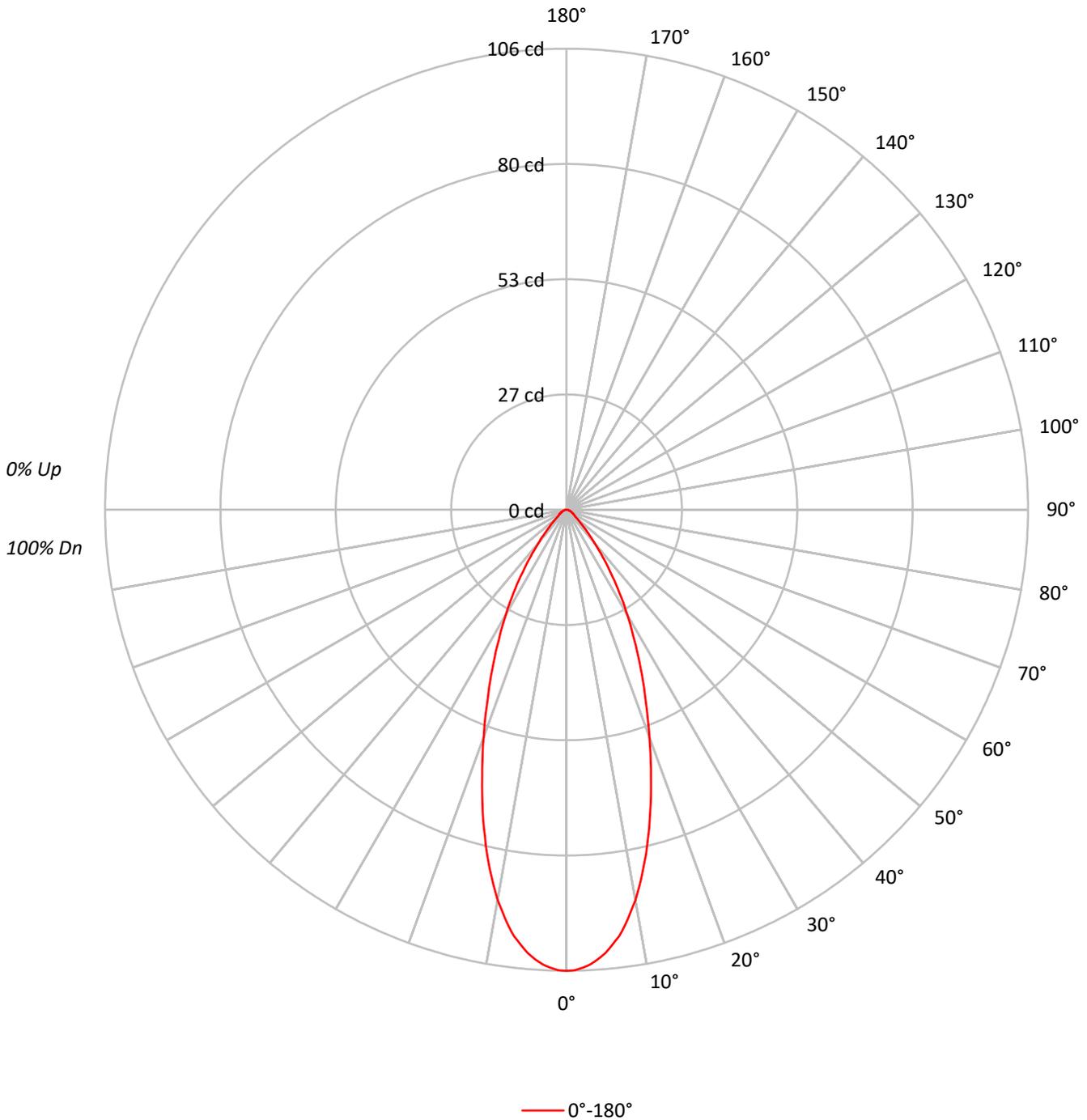
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 68.0 lumens
Efficiency: N/A
Efficacy: 18.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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: P1245701
CATALOG NUMBER: P3AS02R309024DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1245701
 CATALOG NUMBER: P3AS02R309024DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70	70	70	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	65	65	65
7	83	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	61	61	61	61
8	80	70	64	60	78	70	64	60	69	63	60	68	63	60	67	62	59	58	58	58	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	23244
5°	22518
10°	20285
15°	16776
20°	12998
25°	9751
30°	7064
35°	4711
40°	2891
45°	1706
50°	1058
55°	841
60°	746
65°	623
70°	513
75°	508
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1706 cd/sqm



TEST NUMBER: P1245701
 CATALOG NUMBER: P3AS02R309024DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.4	13.8
10°-20°	20.4	29.9
20°-30°	18.5	27.2
30°-40°	11.2	16.5
40°-50°	4.5	6.6
50°-60°	2.0	2.9
60°-70°	1.2	1.8
70°-80°	0.6	0.9
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
0°-30°	48.3	71.0
0°-40°	59.5	87.5
0°-60°	66.0	97.0
0°-90°	68.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	68.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	106	
5°	102	9
15°	74	20
25°	40	19
35°	18	11
45°	6	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1245701
CATALOG NUMBER: P3AS02R309024DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	106.0
1°	105.9
2°	105.4
3°	104.7
4°	103.6
5°	102.3
6°	100.6
7°	98.8
8°	96.5
9°	93.8
10°	91.1
11°	87.9
12°	84.6
13°	81.2
14°	77.5
15°	73.9
17.5°	64.5
20°	55.7
22.5°	47.4
25°	40.3
27.5°	33.7
30°	27.9
32.5°	22.6
35°	17.6
37.5°	13.5
40°	10.1
42.5°	7.4
45°	5.5
47.5°	4.1
50°	3.1
52.5°	2.4
55°	2.2
57.5°	1.9
60°	1.7
62.5°	1.4
65°	1.2
67.5°	1.1
70°	0.8
72.5°	0.7
75°	0.6
77.5°	0.5
80°	0.3
82.5°	0.2
85°	0.2
87.5°	0.1



TEST NUMBER: P1245701
CATALOG NUMBER: P3AS02R309024DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)