

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: P1269824

Luminaire Tested: P3A13R309740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269824
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

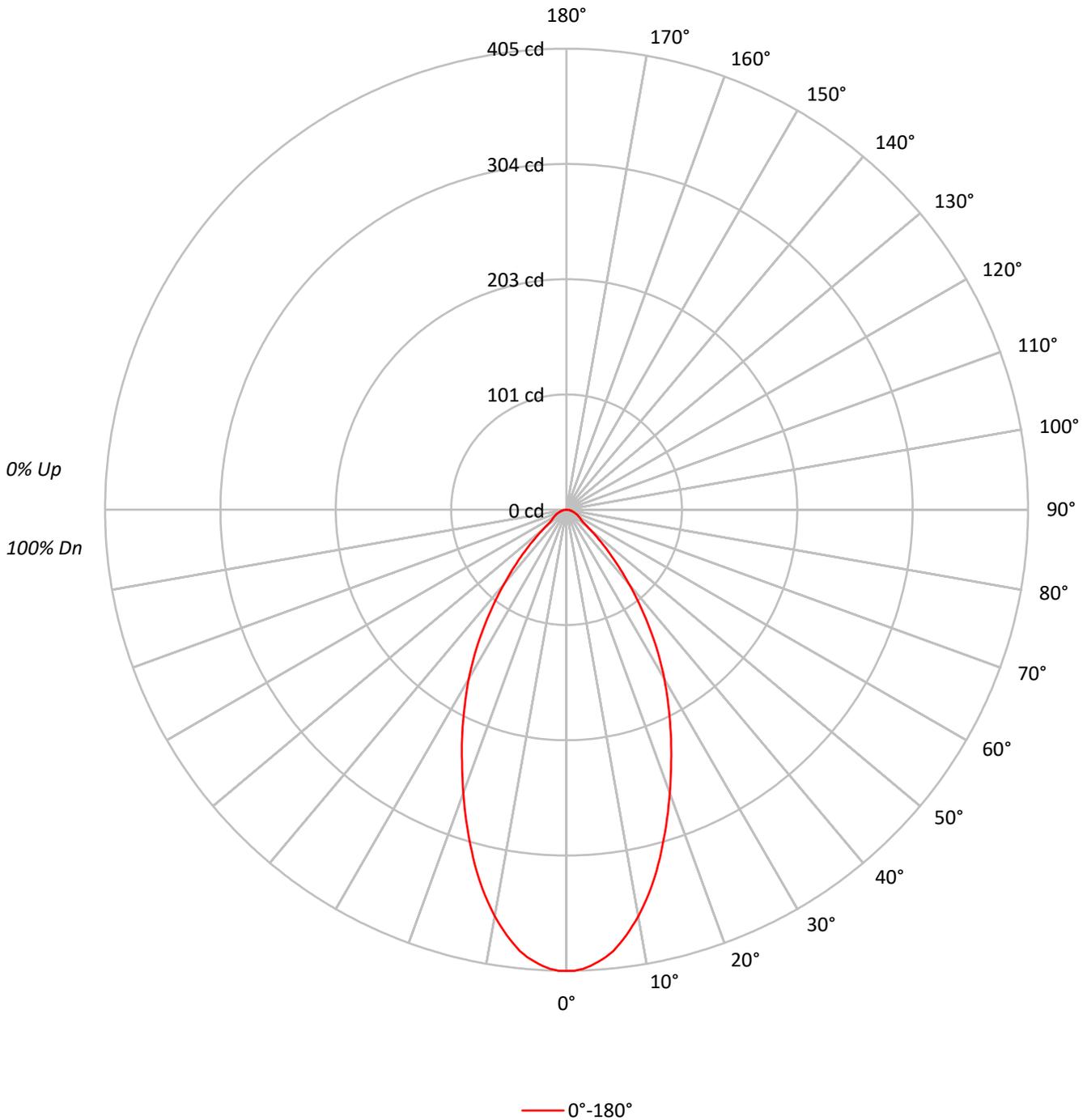
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 376.1 lumens
Efficiency: N/A
Efficacy: 25.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1269824
CATALOG NUMBER: P3A13R309740DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1269824

CATALOG NUMBER: P3A13R309740DE010 E3DLD1GPH

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
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88831
5°	86837
10°	80760
15°	71851
20°	61792
25°	52358
30°	43450
35°	34077
40°	24446
45°	16033
50°	9143
55°	6002
60°	5657
65°	5292
70°	4744
75°	4321
80°	4041
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16033 cd/sqm



TEST NUMBER: P1269824
 CATALOG NUMBER: P3A13R309740DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.6	9.7
10°-20°	88.0	23.4
20°-30°	99.2	26.4
30°-40°	79.2	21.1
40°-50°	40.7	10.8
50°-60°	15.3	4.1
60°-70°	10.1	2.7
70°-80°	5.4	1.4
80°-90°	1.6	0.4
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°	223.8	59.5
0°-40°	303.0	80.6
0°-60°	359.0	95.5
0°-90°	376.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	405	
5°	394	37
15°	316	88
25°	216	99
35°	127	79
45°	52	41
55°	16	15
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1269824

CATALOG NUMBER: P3A13R309740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	405.1
1°	405.1
2°	403.7
3°	401.4
4°	398.2
5°	394.5
6°	389.9
7°	383.9
8°	377.4
9°	370.0
10°	362.7
11°	354.3
12°	345.6
13°	336.4
14°	326.7
15°	316.5
17.5°	290.7
20°	264.8
22.5°	239.9
25°	216.4
27.5°	193.3
30°	171.6
32.5°	149.5
35°	127.3
37.5°	105.7
40°	85.4
42.5°	67.4
45°	51.7
47.5°	38.3
50°	26.8
52.5°	18.9
55°	15.7
57.5°	14.3
60°	12.9
62.5°	11.5
65°	10.2
67.5°	8.8
70°	7.4
72.5°	6.0
75°	5.1
77.5°	4.2
80°	3.2
82.5°	2.3
85°	1.4
87.5°	0.5



TEST NUMBER: P1269824
CATALOG NUMBER: P3A13R309740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)