

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: P1250632

Luminaire Tested: P3AS02R109030DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250632
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R109030DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

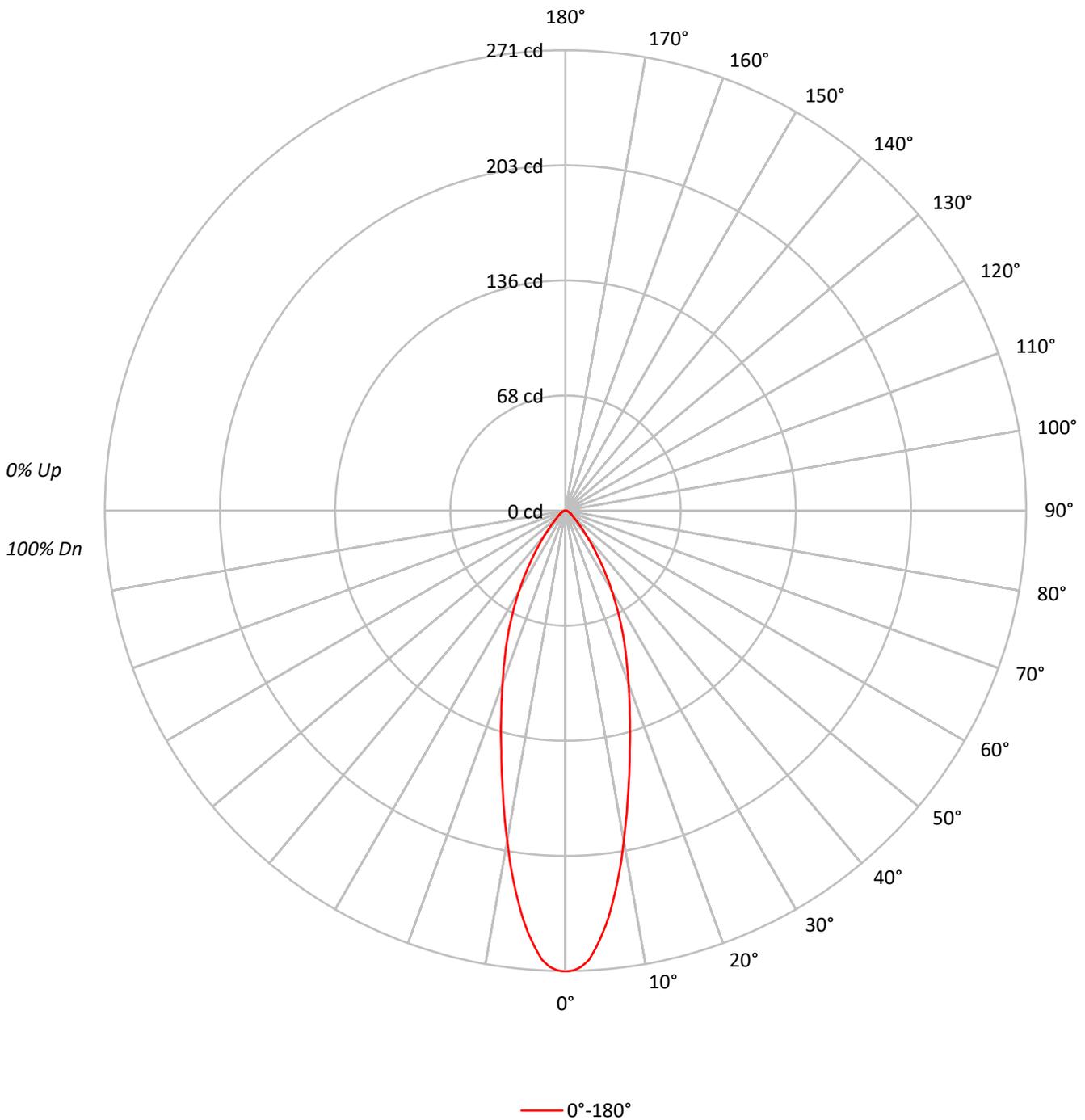
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 138.0 lumens
Efficiency: N/A
Efficacy: 36.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.8
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: P1250632
CATALOG NUMBER: P3AS02R109030DE010 E3DLP1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1250632
 CATALOG NUMBER: P3AS02R109030DE010 E3DLP1LI

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	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59513
5°	55008
10°	43909
15°	33167
20°	25249
25°	19259
30°	13800
35°	8994
40°	5525
45°	3349
50°	2217
55°	1720
60°	1491
65°	1297
70°	1154
75°	1101
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3349 cd/sqm



TEST NUMBER: P1250632
 CATALOG NUMBER: P3AS02R109030DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.1	16.0
10°-20°	40.8	29.6
20°-30°	36.4	26.4
30°-40°	21.5	15.6
40°-50°	8.8	6.4
50°-60°	4.2	3.0
60°-70°	2.5	1.8
70°-80°	1.3	1.0
80°-90°	0.3	0.2
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°	99.3	72.0
0°-40°	120.9	87.6
0°-60°	133.9	97.0
0°-90°	138.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	138.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	271	
5°	250	22
15°	146	41
25°	80	36
35°	34	22
45°	11	9
55°	4	4
65°	2	3
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1250632
CATALOG NUMBER: P3AS02R109030DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	271.4
1°	270.7
2°	268.7
3°	264.7
4°	257.9
5°	249.9
6°	241.1
7°	230.8
8°	220.1
9°	209.1
10°	197.2
12.5°	170.1
15°	146.1
17.5°	125.5
20°	108.2
22.5°	93.0
25°	79.6
27.5°	66.6
30°	54.5
32.5°	43.5
35°	33.6
37.5°	25.8
40°	19.3
42.5°	14.3
45°	10.8
47.5°	8.3
50°	6.5
52.5°	5.4
55°	4.5
57.5°	3.8
60°	3.4
62.5°	2.9
65°	2.5
67.5°	2.2
70°	1.8
72.5°	1.6
75°	1.3
77.5°	0.9
80°	0.7
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)