

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: P1256406

Luminaire Tested: P3AS02R709040DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256406
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709040DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

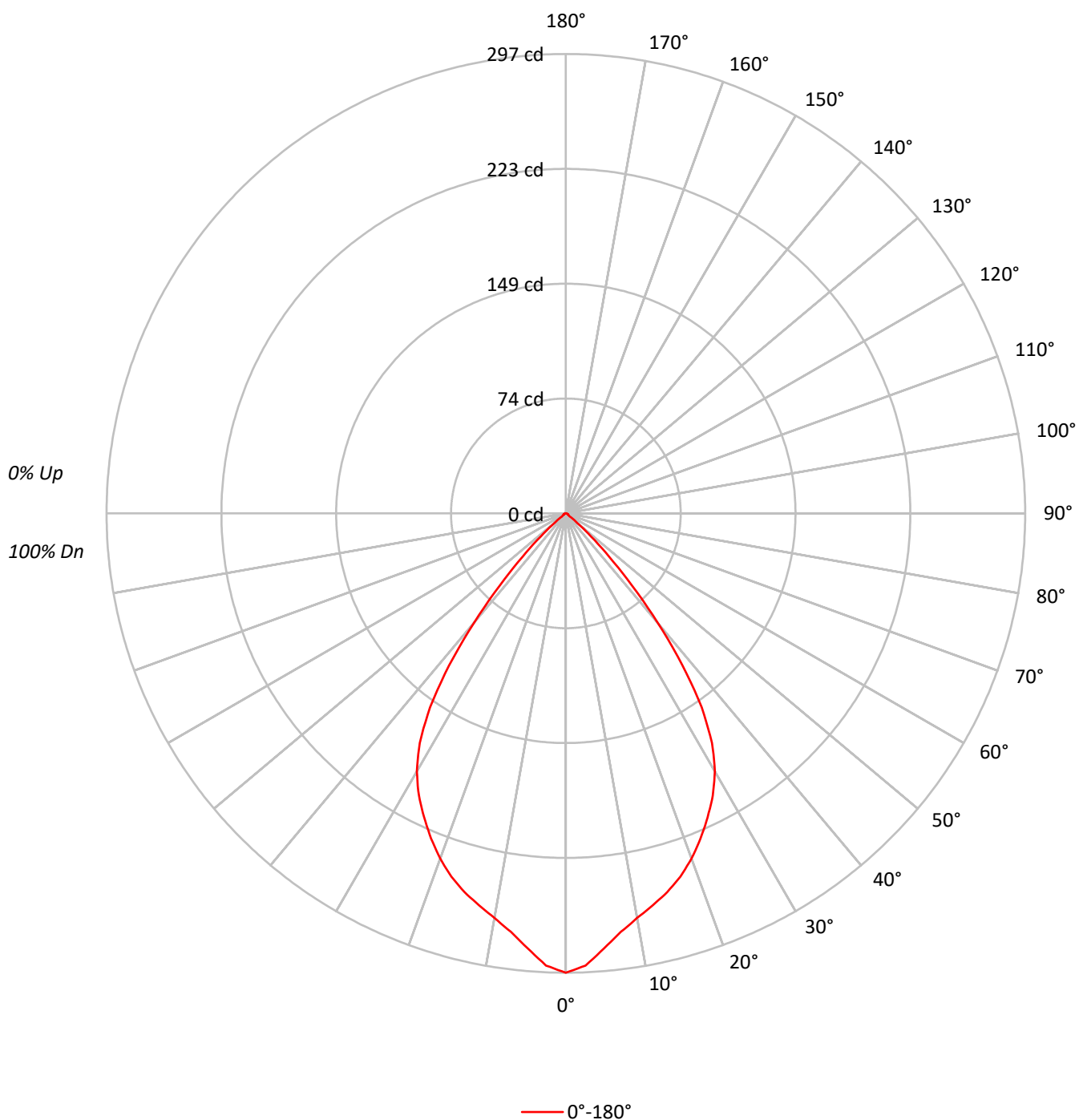
Lumens per Lamp: N/A
Luminaire Lumens: 328.0 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1256406

CATALOG NUMBER: P3AS02R709040DE010 E3CD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1256406

CATALOG NUMBER: P3AS02R709040DE010 E3CD1MB

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	97	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	95	87	81	77	94	86	81	76	84	79	75		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	64	59	68	63	59		67	62	59		66
8	76	66	59	55	75	65	59	55	64	58	55		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	50		58
10	68	58	52	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65126
5°	62139
10°	59139
15°	57549
20°	55421
25°	52455
30°	48792
35°	40984
40°	26421
45°	12280
50°	3207
55°	803
60°	789
65°	675
70°	641
75°	678
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12280 cd/sqm

TEST NUMBER: P1256406

CATALOG NUMBER: P3AS02R709040DE010 E3CD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	8.1
10°-20°	71.2	21.7
20°-30°	99.5	30.3
30°-40°	92.3	28.1
40°-50°	33.1	10.1
50°-60°	2.8	0.8
60°-70°	1.4	0.4
70°-80°	0.9	0.3
80°-90°	0.4	0.1
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°	197.2	60.1
0°-40°	289.5	88.3
0°-60°	325.3	99.2
0°-90°	328.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	328.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	297	
5°	282	26
15°	254	71
25°	217	100
35°	153	92
45°	40	33
55°	2	3
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1256406

CATALOG NUMBER: P3AS02R709040DE010 E3CD1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	297.0
2.5°	292.6
5°	282.3
7.5°	272.9
10°	265.6
12.5°	259.5
15°	253.5
17.5°	246.2
20°	237.5
22.5°	227.6
25°	216.8
27.5°	205.8
30°	192.7
32.5°	175.9
35°	153.1
37.5°	124.0
40°	92.3
42.5°	62.9
45°	39.6
47.5°	22.0
50°	9.4
52.5°	3.1
55°	2.1
57.5°	1.8
60°	1.8
62.5°	1.6
65°	1.3
67.5°	1.3
70°	1.0
72.5°	1.0
75°	0.8
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)