

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: P1273697

Luminaire Tested: P3A09R359830DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273697
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359830DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

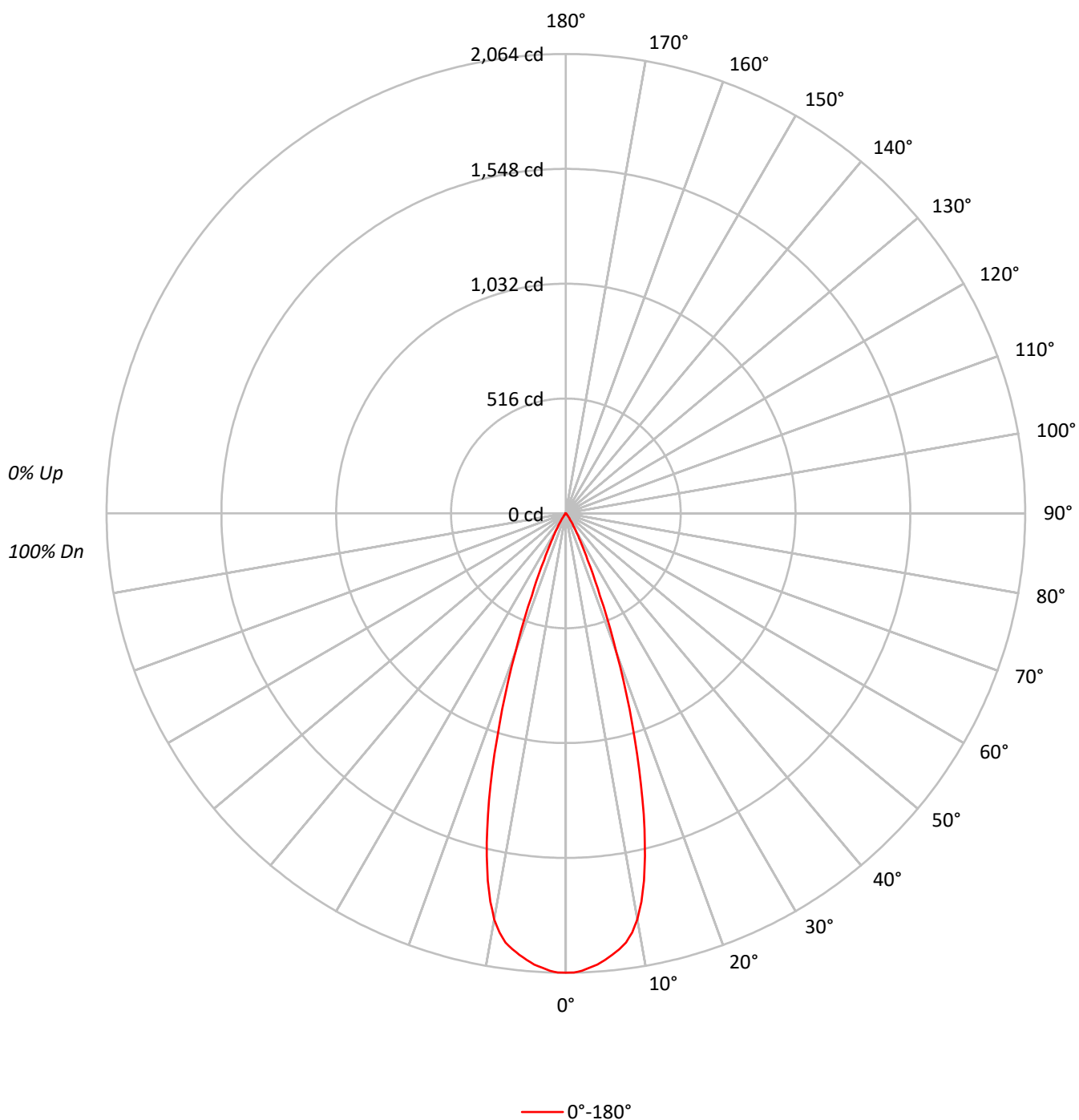
Lumens per Lamp: N/A
Luminaire Lumens: 693.9 lumens
Efficiency: N/A
Efficacy: 63.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1273697

CATALOG NUMBER: P3A09R359830DE010 E3CD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1273697

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	113	111	109	112	110	109	107	107	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	98	95	98	96	93	96	94	92	94	92	90	89		
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83		
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78		
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75		
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73		
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	452530
5°	443318
10°	412417
15°	302363
20°	154830
25°	55794
30°	21725
35°	7602
40°	3120
45°	837
50°	751
55°	841
60°	702
65°	571
70°	705
75°	932
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 932 cd/sqm

TEST NUMBER: P1273697

CATALOG NUMBER: P3A09R359830DE010 E3CD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.8	27.1
10°-20°	352.3	50.8
20°-30°	124.7	18.0
30°-40°	21.8	3.1
40°-50°	3.2	0.5
50°-60°	1.8	0.3
60°-70°	1.3	0.2
70°-80°	0.9	0.1
80°-90°	0.2	0.0
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°	664.7	95.8
0°-40°	686.6	98.9
0°-60°	691.5	99.7
0°-90°	693.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	693.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2064	
5°	2014	188
15°	1332	352
25°	231	125
35°	28	22
45°	3	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1273697

CATALOG NUMBER: P3A09R359830DE010 E3CD1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	2063.7
1°	2063.2
2°	2056.6
3°	2044.0
4°	2032.6
5°	2014.0
6°	1994.9
7°	1973.5
8°	1947.3
9°	1906.3
10°	1852.2
11°	1777.3
12°	1687.2
13°	1580.0
14°	1462.0
15°	1331.9
17.5°	992.0
20°	663.5
22.5°	400.1
25°	230.6
27.5°	137.7
30°	85.8
32.5°	49.7
35°	28.4
37.5°	18.0
40°	10.9
42.5°	5.5
45°	2.7
47.5°	2.2
50°	2.2
52.5°	2.2
55°	2.2
57.5°	1.6
60°	1.6
62.5°	1.6
65°	1.1
67.5°	1.1
70°	1.1
72.5°	1.1
75°	1.1
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0



TEST NUMBER: P1273697

CATALOG NUMBER: P3A09R359830DE010 E3CD1MB

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)