

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: P1253471

Luminaire Tested: P3AS02R309035DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253471
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309035DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

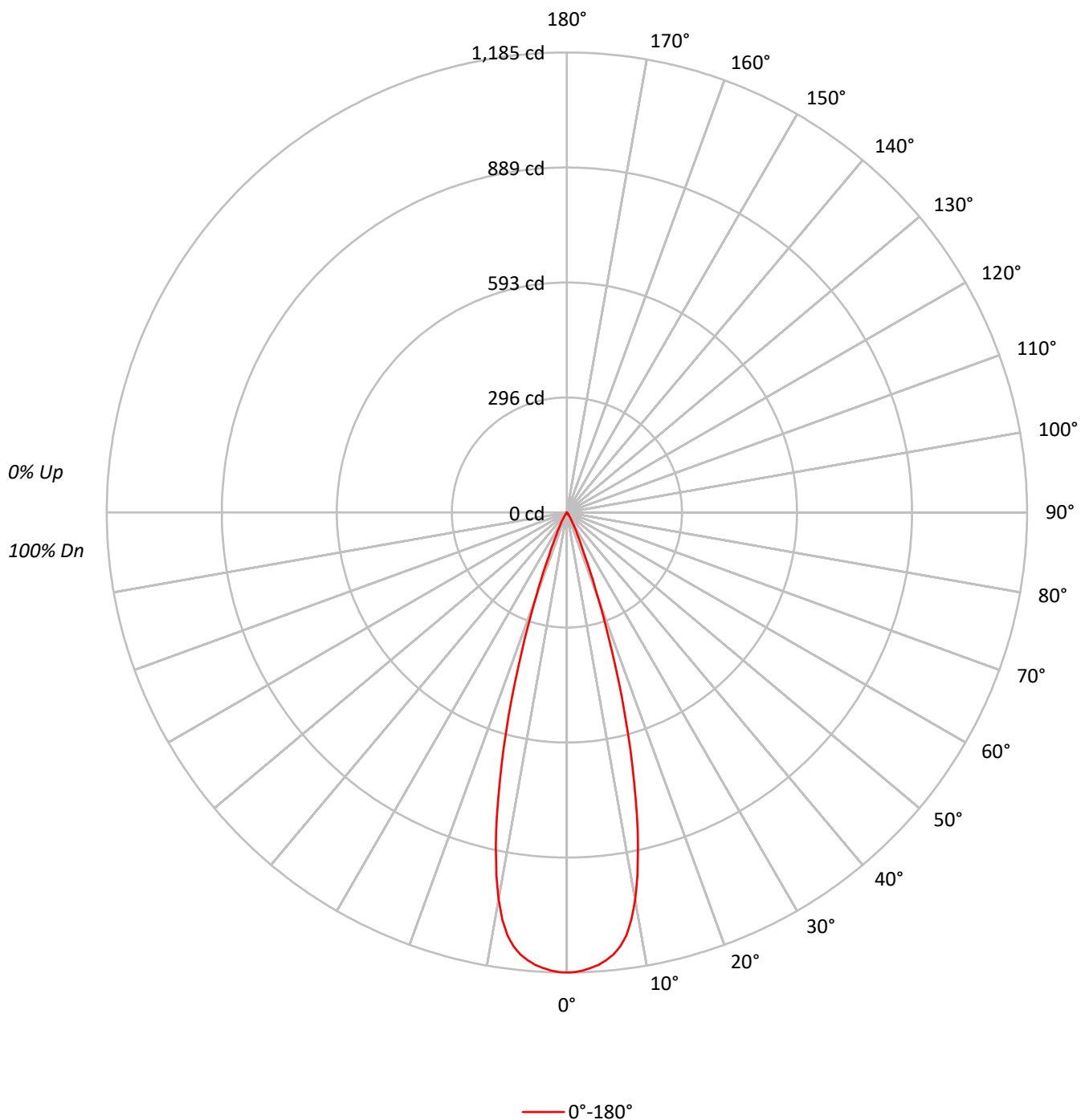
Lumens per Lamp: N/A
Luminaire Lumens: 319.1 lumens
Efficiency: N/A
Efficacy: 88.6 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253471

CATALOG NUMBER: P3AS02R309035DE010 E3CD1MW

Luminous Intensity Polar Plot



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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	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94	93	92
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	91	90	89
4	105	100	96	93	103	98	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87	86	85	84
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84	83	82	81
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	81	80	79
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	79	78	77	76
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77	76	75	74
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75	74	73	72

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	259782
5°	254875
10°	225625
15°	142952
20°	54255
25°	16065
30°	6355
35°	1954
40°	859
45°	310
50°	273
55°	191
60°	219
65°	259
70°	192
75°	254
80°	379
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 379 cd/sqm

TEST NUMBER: P1253471

CATALOG NUMBER: P3AS02R309035DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.4	33.4
10°-20°	165.9	52.0
20°-30°	38.5	12.1
30°-40°	6.0	1.9
40°-50°	1.0	0.3
50°-60°	0.5	0.2
60°-70°	0.4	0.1
70°-80°	0.3	0.1
80°-90°	0.0	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°	310.8	97.4
0°-40°	316.8	99.3
0°-60°	318.3	99.8
0°-90°	319.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	319.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1185	
5°	1158	106
15°	630	166
25°	66	39
35°	7	6
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1253471

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1184.7
1°	1183.9
2°	1180.7
3°	1175.1
4°	1168.1
5°	1157.9
6°	1145.1
7°	1126.0
8°	1100.0
9°	1061.6
10°	1013.3
11°	950.9
12°	880.5
13°	802.3
14°	716.4
15°	629.7
17.5°	411.9
20°	232.5
22.5°	118.8
25°	66.4
27.5°	40.8
30°	25.1
32.5°	13.5
35°	7.3
37.5°	4.8
40°	3.0
42.5°	1.8
45°	1.0
47.5°	0.8
50°	0.8
52.5°	0.5
55°	0.5
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1253471

CATALOG NUMBER: P3AS02R309035DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)