

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: P1261471

Luminaire Tested: P3AS02R309727DE010 E3CB1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261471
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: P3AS02R309727DE010 E3CB1MMS
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

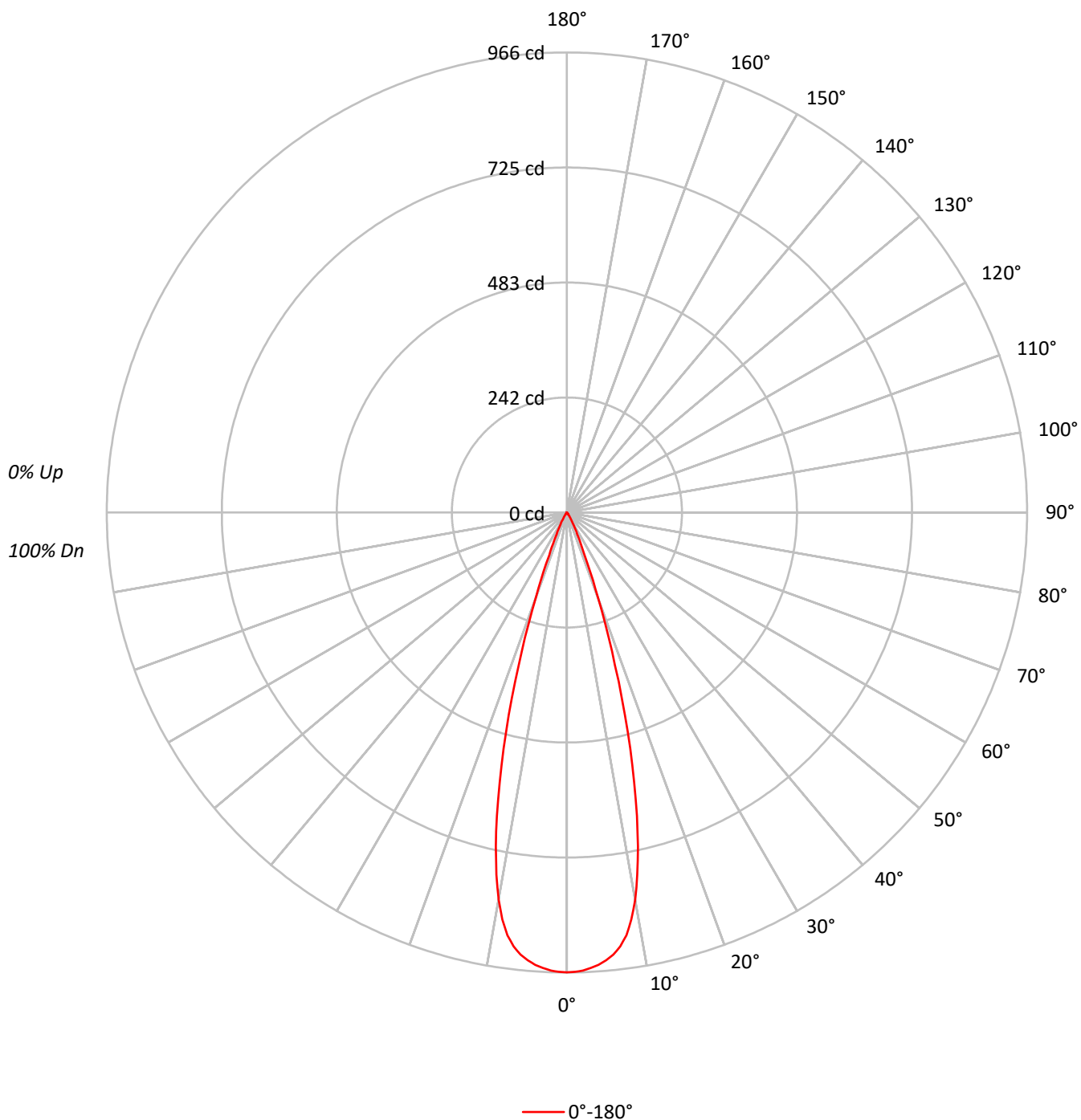
Lumens per Lamp: N/A
Luminaire Lumens: 260.0 lumens
Efficiency: N/A
Efficacy: 72.2 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261471

CATALOG NUMBER: P3AS02R309727DE010 E3CB1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1261471

CATALOG NUMBER: P3AS02R309727DE010 E3CB1MMS

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	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	100	95	92	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	83	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	80	79	78	77
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°	211737
5°	207726
10°	183898
15°	116505
20°	44221
25°	13089
30°	5165
35°	1579
40°	716
45°	248
50°	205
55°	153
60°	175
65°	208
70°	128
75°	169
80°	253
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 253 cd/sqm

TEST NUMBER: P1261471

CATALOG NUMBER: P3AS02R309727DE010 E3CB1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.8	33.4
10°-20°	135.2	52.0
20°-30°	31.4	12.1
30°-40°	4.9	1.9
40°-50°	0.8	0.3
50°-60°	0.4	0.1
60°-70°	0.3	0.1
70°-80°	0.2	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°	253.3	97.5
0°-40°	258.2	99.3
0°-60°	259.4	99.8
0°-90°	260.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	966	
5°	944	87
15°	513	135
25°	54	31
35°	6	5
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1261471

CATALOG NUMBER: P3AS02R309727DE010 E3CB1MMS

CANDELA DISTRIBUTION (FULL):

0°	
0°	965.6
1°	964.9
2°	962.3
3°	957.8
4°	952.1
5°	943.7
6°	933.3
7°	917.8
8°	896.5
9°	865.3
10°	825.9
11°	775.0
12°	717.6
13°	653.9
14°	583.9
15°	513.2
17.5°	335.7
20°	189.5
22.5°	96.8
25°	54.1
27.5°	33.3
30°	20.4
32.5°	11.0
35°	5.9
37.5°	3.9
40°	2.5
42.5°	1.4
45°	0.8
47.5°	0.6
50°	0.6
52.5°	0.4
55°	0.4
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.2
80°	0.2
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1261471
CATALOG NUMBER: P3AS02R309727DE010 E3CB1MMS

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)