

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: P1265054

Luminaire Tested: P3A13R309730DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265054
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: P3A13R309730DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

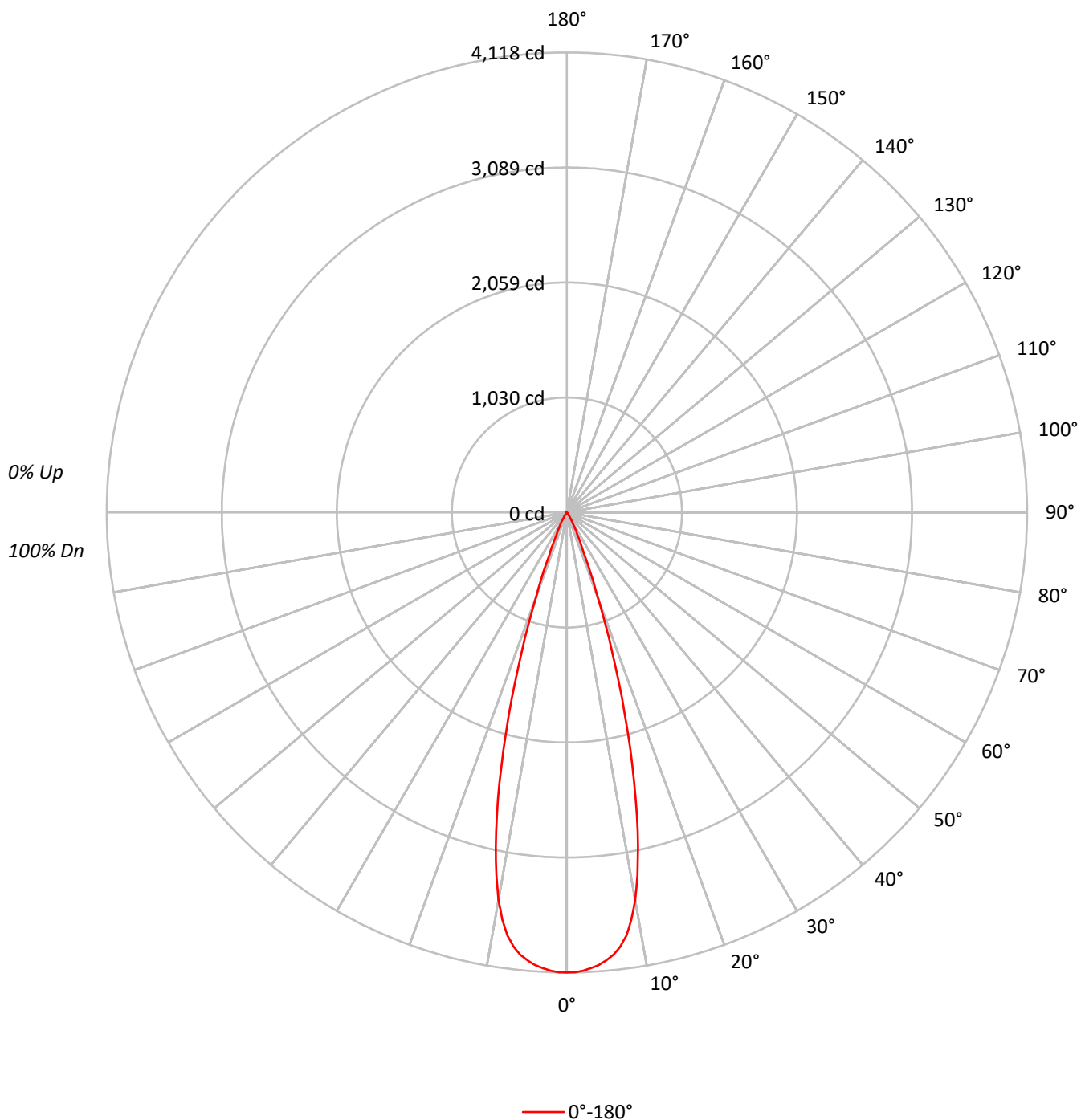
Lumens per Lamp: N/A
Luminaire Lumens: 1109.0 lumens
Efficiency: N/A
Efficacy: 76.0 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1265054

CATALOG NUMBER: P3A13R309730DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1265054

CATALOG NUMBER: P3A13R309730DE010 E3CD1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	903107
5°	886042
10°	784354
15°	496938
20°	188643
25°	55842
30°	22054
35°	6773
40°	3006
45°	1085
50°	887
55°	650
60°	746
65°	882
70°	577
75°	763
80°	1137
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1137 cd/sqm

TEST NUMBER: P1265054

CATALOG NUMBER: P3A13R309730DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	370.0	33.4
10°-20°	576.7	52.0
20°-30°	133.9	12.1
30°-40°	20.8	1.9
40°-50°	3.5	0.3
50°-60°	1.6	0.1
60°-70°	1.4	0.1
70°-80°	1.0	0.1
80°-90°	0.1	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°	1080.6	97.4
0°-40°	1101.4	99.3
0°-60°	1106.5	99.8
0°-90°	1109.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1109.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4118	
5°	4025	370
15°	2189	577
25°	231	134
35°	25	21
45°	4	4
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1265054

CATALOG NUMBER: P3A13R309730DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	4118.5
1°	4115.9
2°	4104.5
3°	4085.4
4°	4061.0
5°	4025.3
6°	3980.8
7°	3914.6
8°	3824.0
9°	3690.8
10°	3522.6
11°	3305.7
12°	3061.0
13°	2789.2
14°	2490.4
15°	2189.0
17.5°	1432.1
20°	808.4
22.5°	412.9
25°	230.8
27.5°	142.0
30°	87.1
32.5°	47.0
35°	25.3
37.5°	16.6
40°	10.5
42.5°	6.1
45°	3.5
47.5°	2.6
50°	2.6
52.5°	1.7
55°	1.7
57.5°	1.7
60°	1.7
62.5°	1.7
65°	1.7
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.9
80°	0.9
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1265054

CATALOG NUMBER: P3A13R309730DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)