

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: P1269817

Luminaire Tested: P3A13R309740DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269817
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309740DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

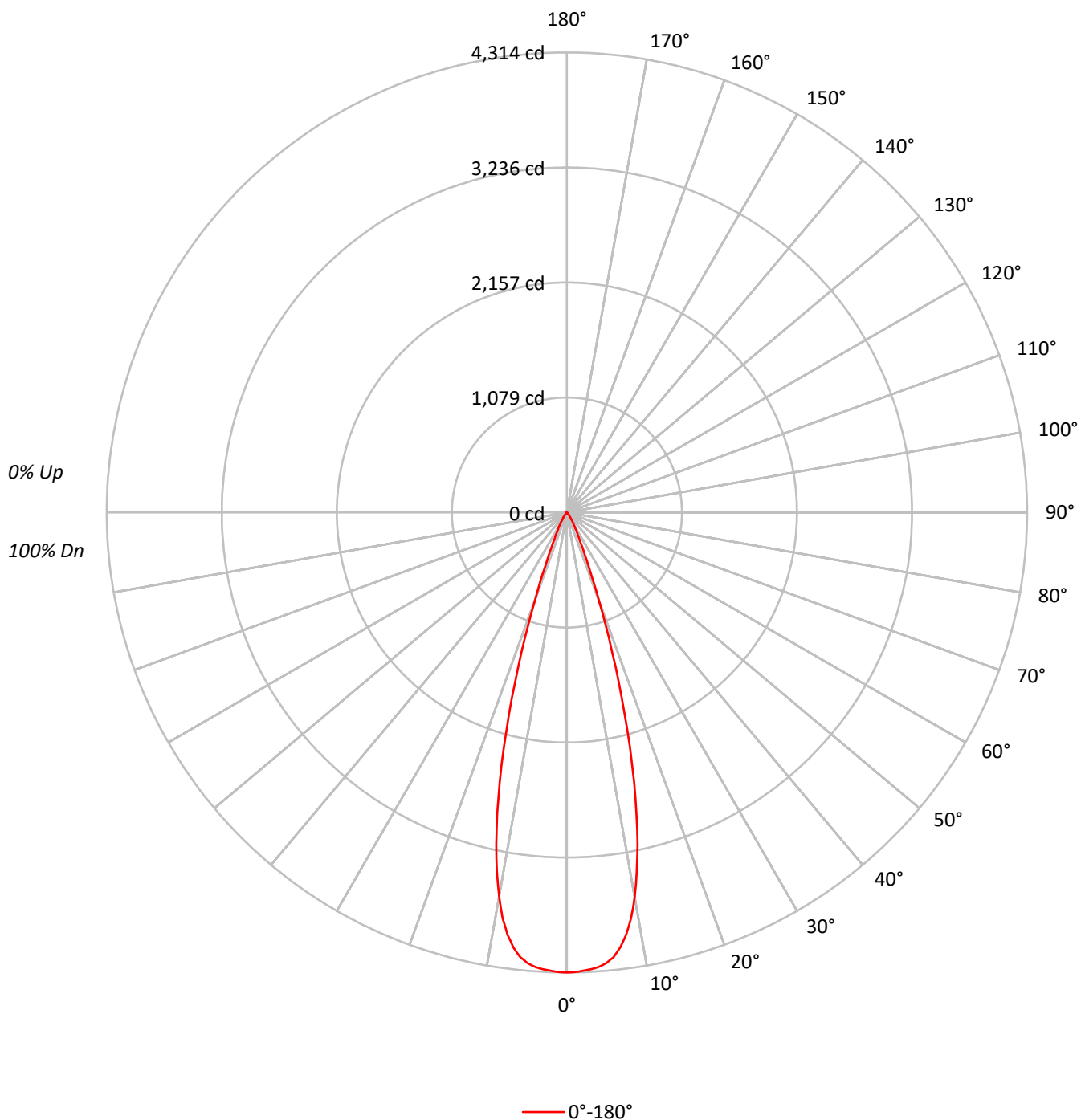
Lumens per Lamp: N/A
Luminaire Lumens: 1189.0 lumens
Efficiency: N/A
Efficacy: 81.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269817

CATALOG NUMBER: P3A13R309740DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1269817

CATALOG NUMBER: P3A13R309740DE010 E3D1WMH

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	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90
6	99	92	88	85	97	92	88	85	90	87	84		89	86	84		88
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		82
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	945999
5°	933676
10°	815171
15°	518141
20°	205281
25°	68568
30°	31904
35°	14455
40°	5553
45°	2729
50°	785
55°	344
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2729 cd/sqm

TEST NUMBER: P1269817

CATALOG NUMBER: P3A13R309740DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	387.8	32.6
10°-20°	601.4	50.6
20°-30°	155.1	13.0
30°-40°	36.4	3.1
40°-50°	7.1	0.6
50°-60°	0.8	0.1
60°-70°	0.4	0.0
70°-80°	0.0	0.0
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°	1144.2	96.2
0°-40°	1180.7	99.3
0°-60°	1188.6	100.0
0°-90°	1189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1189.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4314	
5°	4242	388
15°	2282	601
25°	283	155
35°	54	36
45°	9	7
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1269817

CATALOG NUMBER: P3A13R309740DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	4314.1
1°	4310.9
2°	4300.7
3°	4289.2
4°	4272.1
5°	4241.7
6°	4192.3
7°	4110.1
8°	3998.0
9°	3851.7
10°	3661.0
11°	3434.4
12°	3187.0
13°	2902.2
14°	2604.1
15°	2282.4
16°	1967.1
17°	1663.4
18°	1372.2
19°	1105.0
20°	879.7
21°	692.3
22°	544.6
23°	431.1
24°	345.2
25°	283.4
26°	236.3
27°	200.8
28°	173.5
29°	148.6
30°	126.0
32.5°	79.4
35°	54.0
37.5°	33.7
40°	19.4
42.5°	12.9
45°	8.8
47.5°	5.1
50°	2.3
52.5°	0.9
55°	0.9
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5



TEST NUMBER: P1269817

CATALOG NUMBER: P3A13R309740DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.5
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)