

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: P1269908

Luminaire Tested: P3A13R459740DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269908
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R459740DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

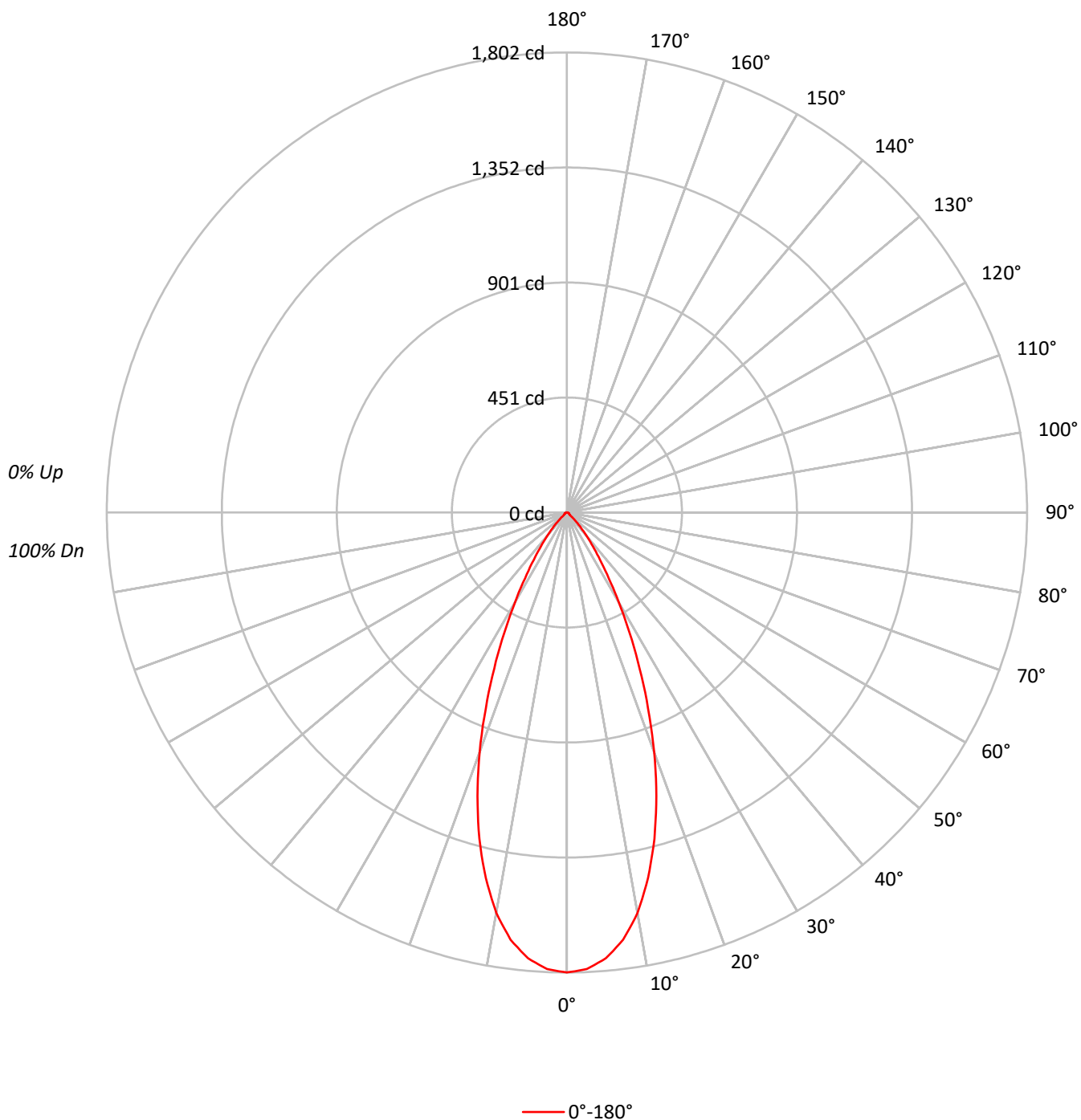
Lumens per Lamp: N/A
Luminaire Lumens: 1051.9 lumens
Efficiency: N/A
Efficacy: 72.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	77	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	65	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	395056
5°	385801
10°	354658
15°	300501
20°	233144
25°	162977
30°	102674
35°	60445
40°	34207
45°	16622
50°	5765
55°	4664
60°	4517
65°	4410
70°	4231
75°	3982
80°	3536
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16622 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.2	15.4
10°-20°	363.5	34.6
20°-30°	308.7	29.3
30°-40°	147.2	14.0
40°-50°	44.3	4.2
50°-60°	11.2	1.1
60°-70°	8.4	0.8
70°-80°	5.0	0.5
80°-90°	1.4	0.1
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°	834.4	79.3
0°-40°	981.6	93.3
0°-60°	1037.2	98.6
0°-90°	1051.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1051.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1802	
5°	1753	162
15°	1324	363
25°	674	309
35°	226	147
45°	54	44
55°	12	11
65°	8	8
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1801.6
2.5°	1790.3
5°	1752.7
7.5°	1687.8
10°	1592.8
12.5°	1466.7
15°	1323.7
17.5°	1164.7
20°	999.1
22.5°	830.7
25°	673.6
27.5°	530.6
30°	405.5
32.5°	304.8
35°	225.8
37.5°	166.5
40°	119.5
42.5°	82.8
45°	53.6
47.5°	30.1
50°	16.9
52.5°	13.2
55°	12.2
57.5°	11.3
60°	10.3
62.5°	9.4
65°	8.5
67.5°	7.5
70°	6.6
72.5°	5.6
75°	4.7
77.5°	3.8
80°	2.8
82.5°	1.9
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)