

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: P1269885

Luminaire Tested: P3A13R409740DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269885
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R409740DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

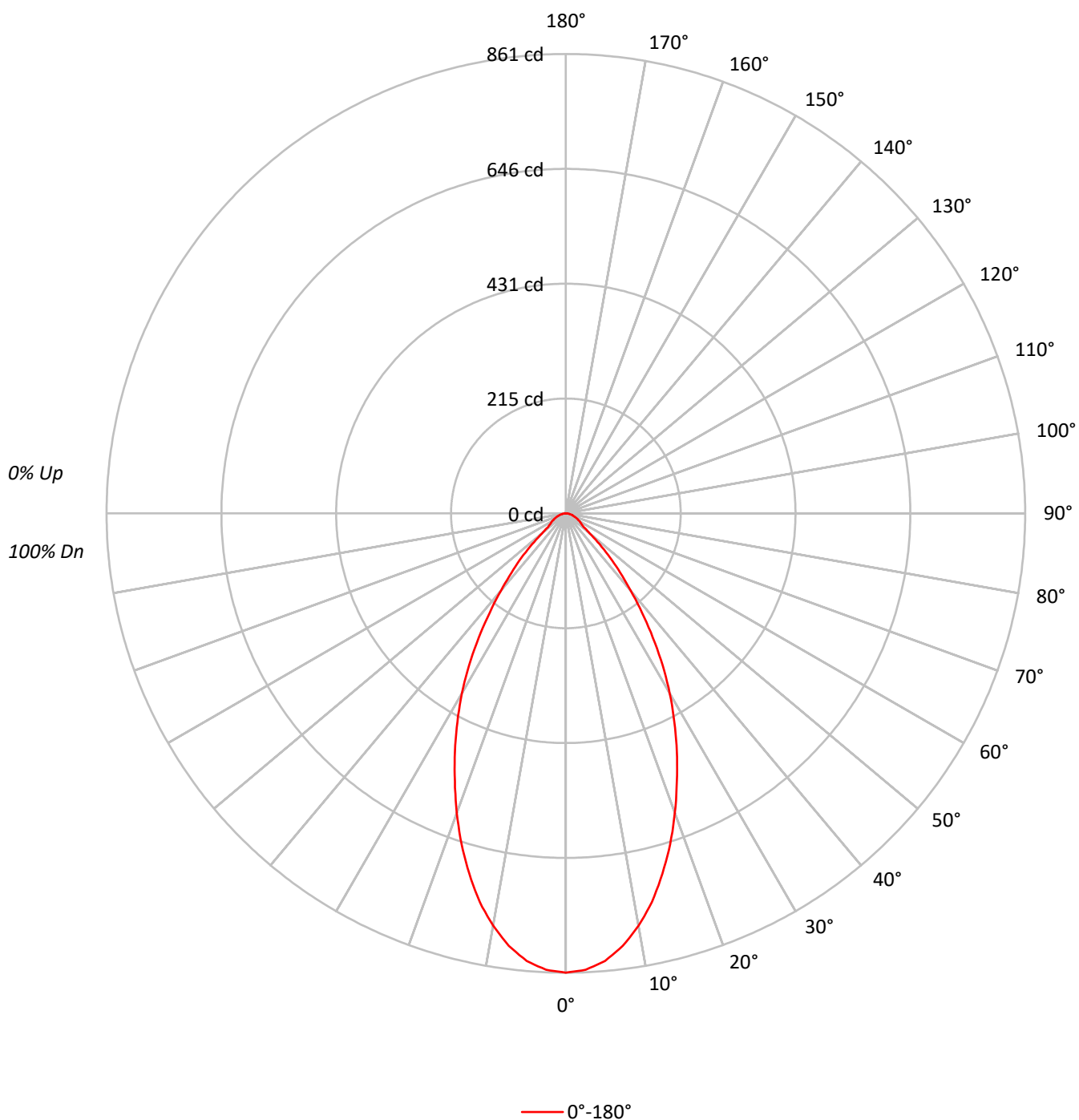
Lumens per Lamp: N/A
Luminaire Lumens: 840.9 lumens
Efficiency: N/A
Efficacy: 57.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	104		110	107	104	102		103	101	99		99	98	96		96	94	93
2	106	100	96	92		104	98	94	91		95	92	89		92	89	87		89	87	85
3	100	92	87	82		98	91	86	81		88	84	80		86	82	79		83	80	78
4	94	85	79	74		92	84	78	74		82	77	73		80	75	72		78	74	71
5	89	79	73	68		87	78	72	67		76	71	67		75	70	66		73	69	66
6	84	74	67	62		82	73	67	62		71	66	61		70	65	61		68	64	61
7	79	69	62	57		78	68	62	57		67	61	57		65	60	57		64	60	56
8	75	64	58	53		74	64	58	53		63	57	53		62	56	53		61	56	52
9	71	60	54	50		70	60	54	50		59	53	49		58	53	49		57	52	49
10	67	57	51	46		66	56	50	46		56	50	46		55	50	46		54	49	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	188779
5°	185362
10°	174724
15°	158707
20°	139429
25°	119063
30°	98623
35°	76078
40°	54130
45°	36469
50°	19888
55°	14031
60°	13201
65°	12193
70°	10835
75°	10336
80°	8334
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 36469 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.5	9.3
10°-20°	194.7	23.2
20°-30°	225.1	26.8
30°-40°	177.4	21.1
40°-50°	91.1	10.8
50°-60°	34.8	4.1
60°-70°	23.0	2.7
70°-80°	12.5	1.5
80°-90°	3.7	0.4
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°	498.4	59.3
0°-40°	675.8	80.4
0°-60°	801.7	95.3
0°-90°	840.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	840.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	861	
5°	842	79
15°	699	195
25°	492	225
35°	284	177
45°	118	91
55°	37	35
65°	24	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	860.9
2.5°	856.2
5°	842.1
7.5°	817.7
10°	784.7
12.5°	746.1
15°	699.1
17.5°	650.2
20°	597.5
22.5°	543.8
25°	492.1
27.5°	440.3
30°	389.5
32.5°	337.8
35°	284.2
37.5°	234.3
40°	189.1
42.5°	150.5
45°	117.6
47.5°	85.6
50°	58.3
52.5°	42.3
55°	36.7
57.5°	32.9
60°	30.1
62.5°	26.3
65°	23.5
67.5°	19.8
70°	16.9
72.5°	14.1
75°	12.2
77.5°	9.4
80°	6.6
82.5°	5.6
85°	2.8
87.5°	1.9
90°	0.0

(END OF REPORT)