

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: P1256369

Luminaire Tested: P3AS02R609040DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256369
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609040DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

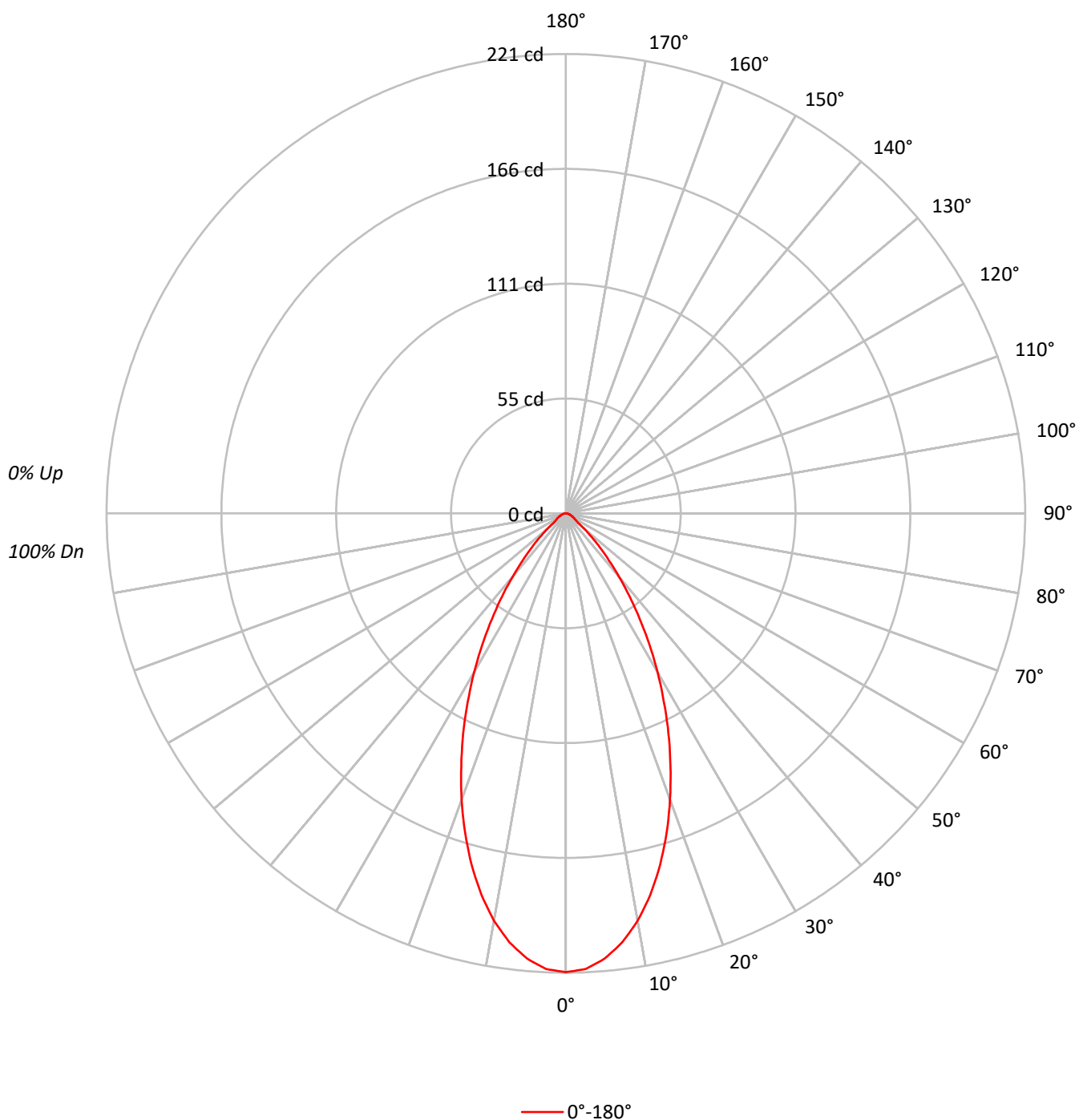
Lumens per Lamp: N/A
Luminaire Lumens: 190.9 lumens
Efficiency: N/A
Efficacy: 53.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94			92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86			85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80			78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73			72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68			66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	67	63			62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59			58
8	77	67	60	56	76	66	60	56	65	60	56	64	59	55	63	59	55			54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52			50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49			47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48395
5°	47325
10°	44310
15°	39751
20°	34186
25°	28260
30°	22333
35°	16570
40°	11421
45°	7164
50°	3923
55°	2294
60°	2061
65°	1764
70°	1539
75°	1525
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.0	10.5
10°-20°	48.6	25.5
20°-30°	53.3	27.9
30°-40°	38.8	20.3
40°-50°	18.3	9.6
50°-60°	6.0	3.1
60°-70°	3.4	1.8
70°-80°	1.8	1.0
80°-90°	0.6	0.3
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°	122.0	63.9
0°-40°	160.8	84.2
0°-60°	185.2	97.0
0°-90°	190.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	190.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	221	
5°	215	20
15°	175	49
25°	117	53
35°	62	39
45°	23	18
55°	6	6
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	220.7
2.5°	219.4
5°	215.0
7.5°	208.1
10°	199.0
12.5°	187.9
15°	175.1
17.5°	161.2
20°	146.5
22.5°	131.5
25°	116.8
27.5°	102.1
30°	88.2
32.5°	74.8
35°	61.9
37.5°	50.4
40°	39.9
42.5°	30.7
45°	23.1
47.5°	16.8
50°	11.5
52.5°	7.6
55°	6.0
57.5°	5.2
60°	4.7
62.5°	3.9
65°	3.4
67.5°	2.9
70°	2.4
72.5°	2.1
75°	1.8
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)