

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: P1275232

Luminaire Tested: P3AS02R609835DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275232
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609835DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

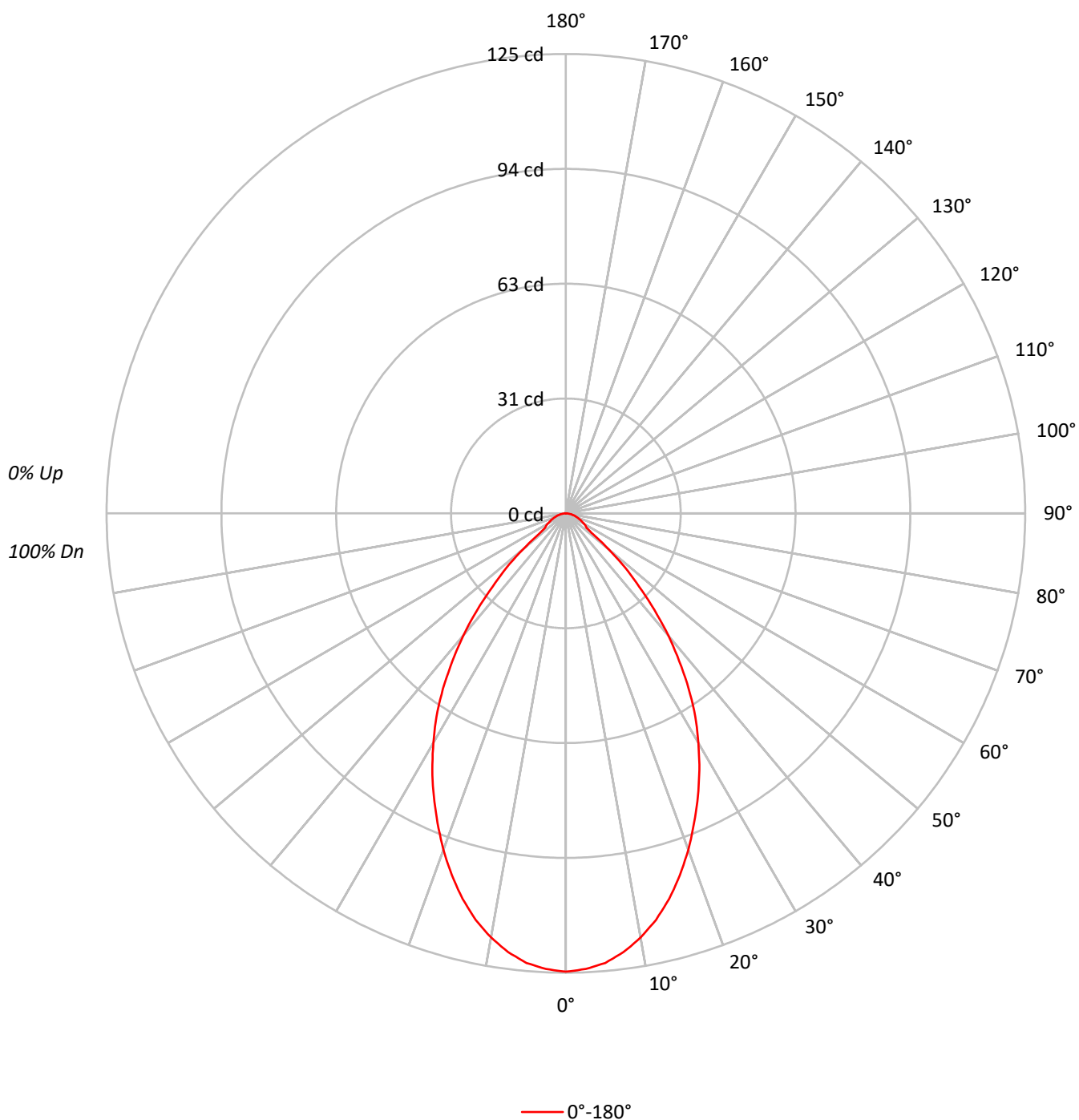
Lumens per Lamp: N/A
Luminaire Lumens: 154.0 lumens
Efficiency: N/A
Efficacy: 42.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	103		110	107	104	101		102	100	98		99	97	95		95	94	93
2	105	99	94	90		103	97	93	89		94	90	87		91	88	85		88	86	84
3	99	91	85	80		96	89	84	79		87	82	78		84	80	77		82	78	76
4	92	83	77	72		90	82	76	71		80	75	70		78	73	70		76	72	69
5	87	77	70	65		85	76	69	65		74	68	64		72	67	63		71	66	63
6	82	71	64	59		80	70	64	59		69	63	58		67	62	58		66	61	58
7	77	66	59	54		75	65	59	54		64	58	54		63	57	53		61	57	53
8	72	61	55	50		71	61	54	50		60	54	49		59	53	49		58	53	49
9	68	57	51	46		67	57	50	46		56	50	46		55	49	46		54	49	45
10	65	54	47	43		64	53	47	43		52	47	43		52	46	42		51	46	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27344
5°	27031
10°	26096
15°	24654
20°	22729
25°	20566
30°	18256
35°	15606
40°	12423
45°	8745
50°	5219
55°	2638
60°	2544
65°	2335
70°	2180
75°	2033
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.5	7.5
10°-20°	30.4	19.7
20°-30°	39.0	25.3
30°-40°	36.1	23.5
40°-50°	22.0	14.3
50°-60°	7.3	4.8
60°-70°	4.5	2.9
70°-80°	2.5	1.6
80°-90°	0.7	0.5
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°	80.9	52.5
0°-40°	117.0	76.0
0°-60°	146.3	95.0
0°-90°	154.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	154.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	125	
5°	123	12
15°	109	30
25°	85	39
35°	58	36
45°	28	22
55°	7	7
65°	4	4
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	124.7
2.5°	124.1
5°	122.8
7.5°	120.4
10°	117.2
12.5°	113.3
15°	108.6
17.5°	103.2
20°	97.4
22.5°	91.2
25°	85.0
27.5°	78.7
30°	72.1
32.5°	65.6
35°	58.3
37.5°	50.7
40°	43.4
42.5°	35.7
45°	28.2
47.5°	21.9
50°	15.3
52.5°	9.2
55°	6.9
57.5°	6.4
60°	5.8
62.5°	5.0
65°	4.5
67.5°	3.9
70°	3.4
72.5°	2.8
75°	2.4
77.5°	1.9
80°	1.5
82.5°	0.9
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)