

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: P1253627

Luminaire Tested: P3AS02R559035DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253627
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559035DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

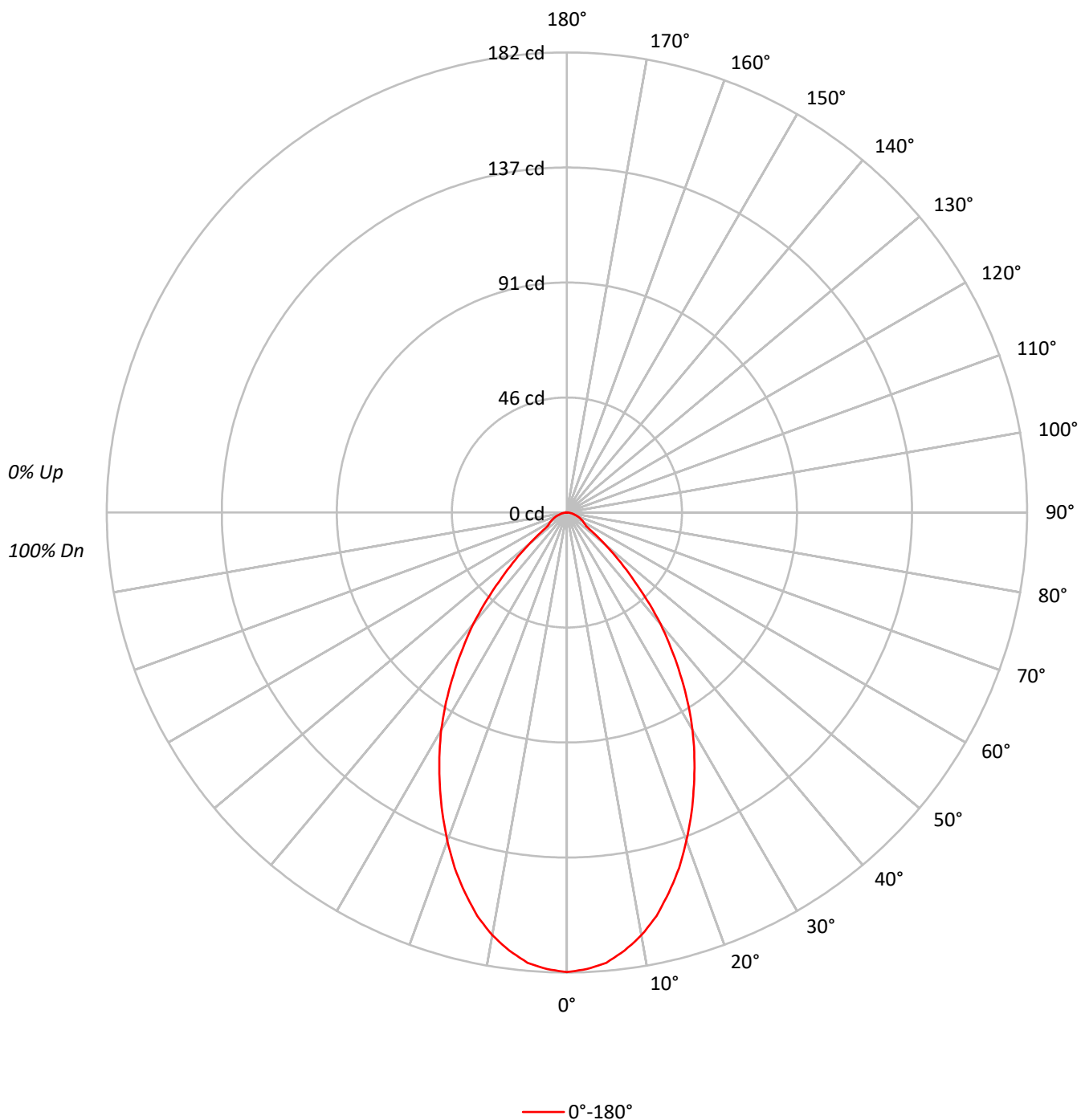
Lumens per Lamp: N/A
Luminaire Lumens: 212.0 lumens
Efficiency: N/A
Efficacy: 58.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	102		103	100	98		99	97	95		95	94	93
2	105	100	95	91		103	98	93	90		94	91	88		91	88	86		89	86	84
3	99	91	85	81		97	90	84	80		87	82	79		85	81	77		82	79	76
4	93	84	77	72		91	83	77	72		80	75	71		78	74	70		76	73	69
5	87	77	71	66		85	76	70	65		75	69	65		73	68	64		71	67	63
6	82	72	65	60		80	71	64	60		69	64	59		68	63	59		66	62	58
7	77	67	60	55		76	66	59	55		65	59	54		63	58	54		62	57	54
8	73	62	55	51		72	62	55	51		60	54	50		59	54	50		58	53	50
9	69	58	51	47		68	58	51	47		57	51	47		56	50	46		55	50	46
10	65	55	48	44		64	54	48	44		53	47	43		52	47	43		52	47	43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39865
5°	39357
10°	37808
15°	35346
20°	32249
25°	28768
30°	25168
35°	20907
40°	16488
45°	11195
50°	6823
55°	3555
60°	3289
65°	3113
70°	2885
75°	2542
80°	2526
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11195 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.8	7.9
10°-20°	43.5	20.5
20°-30°	54.5	25.7
30°-40°	48.7	22.9
40°-50°	28.5	13.4
50°-60°	9.8	4.6
60°-70°	6.0	2.8
70°-80°	3.3	1.6
80°-90°	1.0	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°	114.8	54.1
0°-40°	163.5	77.1
0°-60°	201.8	95.2
0°-90°	212.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	212.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	182	
5°	179	17
15°	156	44
25°	119	55
35°	78	49
45°	36	28
55°	9	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	181.8
2.5°	180.8
5°	178.8
7.5°	174.8
10°	169.8
12.5°	163.5
15°	155.7
17.5°	147.5
20°	138.2
22.5°	128.7
25°	118.9
27.5°	109.2
30°	99.4
32.5°	88.9
35°	78.1
37.5°	67.6
40°	57.6
42.5°	46.8
45°	36.1
47.5°	27.5
50°	20.0
52.5°	13.0
55°	9.3
57.5°	8.3
60°	7.5
62.5°	6.8
65°	6.0
67.5°	5.3
70°	4.5
72.5°	3.8
75°	3.0
77.5°	2.5
80°	2.0
82.5°	1.3
85°	0.8
87.5°	0.5
90°	0.0

(END OF REPORT)