

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: P1253458

Luminaire Tested: P3AS02R259035DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253458
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259035DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

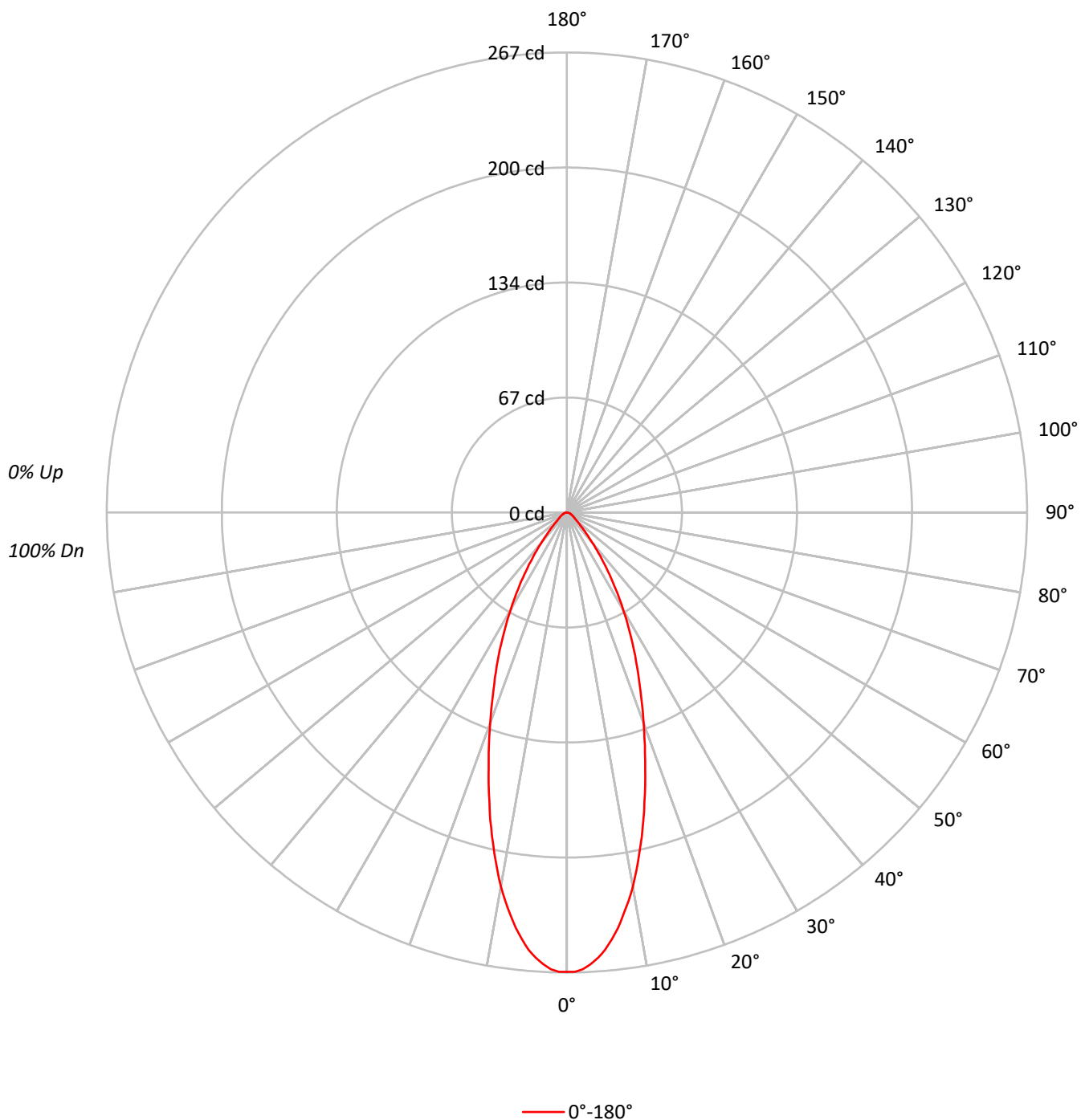
Lumens per Lamp: N/A
Luminaire Lumens: 161.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	58460
5°	56086
10°	49120
15°	39478
20°	30336
25°	22961
30°	16585
35°	11029
40°	6670
45°	3876
50°	2490
55°	2026
60°	1754
65°	1557
70°	1282
75°	1271
80°	1010
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3876 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	14.4
10°-20°	48.1	29.9
20°-30°	43.5	27.0
30°-40°	26.1	16.2
40°-50°	10.4	6.4
50°-60°	4.8	3.0
60°-70°	2.9	1.8
70°-80°	1.6	1.0
80°-90°	0.5	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°	114.8	71.3
0°-40°	140.9	87.5
0°-60°	156.1	96.9
0°-90°	161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	161.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	267	
5°	255	23
15°	174	48
25°	95	44
35°	41	26
45°	12	10
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	266.6
1°	266.6
2°	265.3
3°	262.5
4°	259.0
5°	254.8
6°	249.2
7°	243.0
8°	235.7
9°	228.4
10°	220.6
11°	211.6
12°	202.3
13°	193.0
14°	183.7
15°	173.9
17.5°	150.9
20°	130.0
22.5°	111.2
25°	94.9
27.5°	79.6
30°	65.5
32.5°	52.7
35°	41.2
37.5°	31.4
40°	23.3
42.5°	17.1
45°	12.5
47.5°	9.5
50°	7.3
52.5°	6.0
55°	5.3
57.5°	4.5
60°	4.0
62.5°	3.3
65°	3.0
67.5°	2.5
70°	2.0
72.5°	1.8
75°	1.5
77.5°	1.3
80°	0.8
82.5°	0.5
85°	0.5
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)