

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: P1276413

Luminaire Tested: P3AS17R259835DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276413
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: P3AS17R259835DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

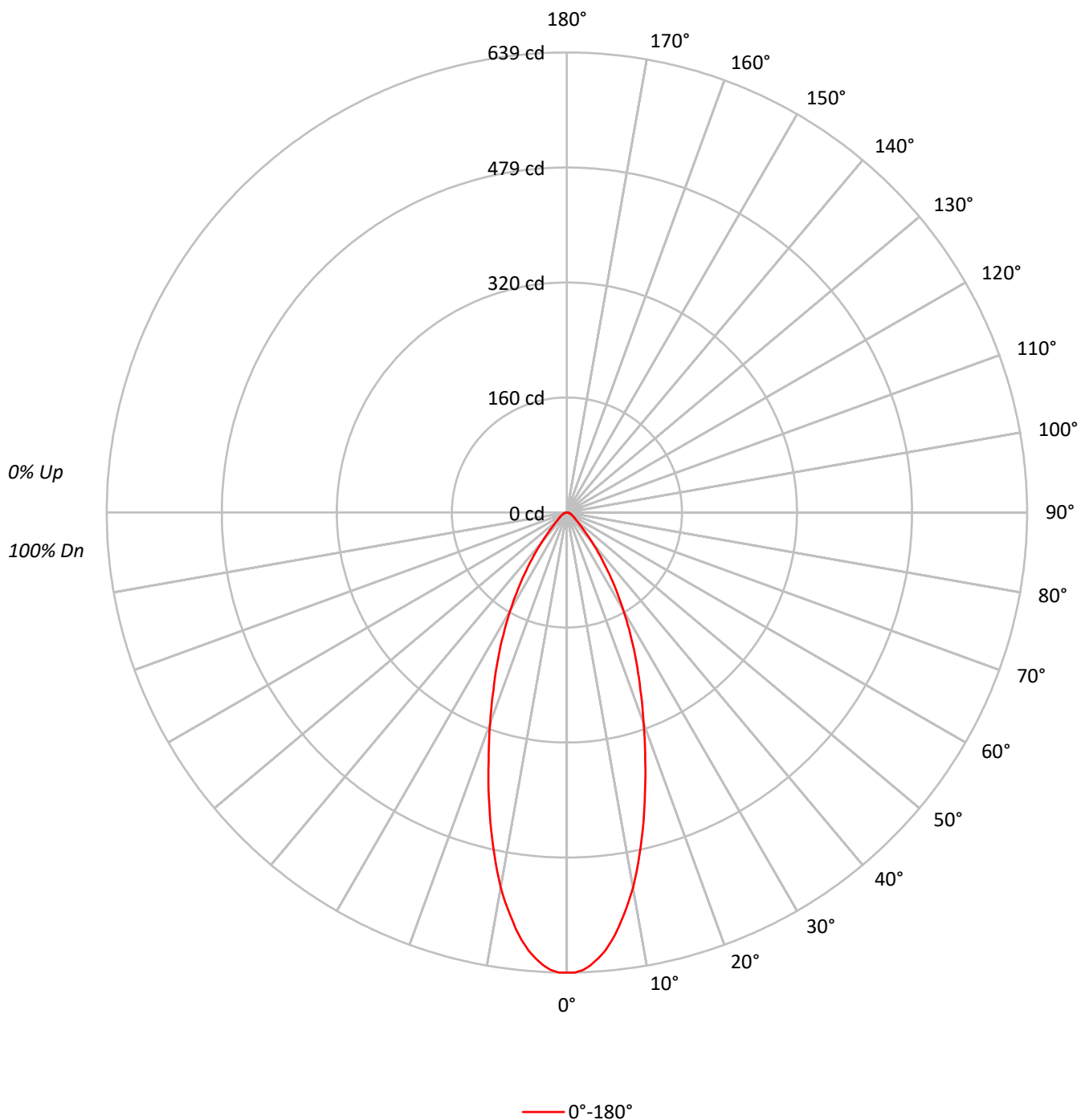
Lumens per Lamp: N/A
Luminaire Lumens: 386.0 lumens
Efficiency: N/A
Efficacy: 18.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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		65	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°	140142
5°	134448
10°	117789
15°	94666
20°	72736
25°	55044
30°	39778
35°	26421
40°	16030
45°	9334
50°	5970
55°	4817
60°	4210
65°	3736
70°	3077
75°	3050
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9334 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.6	14.4
10°-20°	115.3	29.9
20°-30°	104.3	27.0
30°-40°	62.7	16.2
40°-50°	24.9	6.5
50°-60°	11.5	3.0
60°-70°	7.0	1.8
70°-80°	3.7	1.0
80°-90°	1.1	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°	275.2	71.3
0°-40°	337.9	87.5
0°-60°	374.2	97.0
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	639	
5°	611	56
15°	417	115
25°	228	104
35°	99	63
45°	30	25
55°	13	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	639.1
1°	639.1
2°	636.1
3°	629.5
4°	621.0
5°	610.8
6°	597.6
7°	582.5
8°	565.1
9°	547.6
10°	529.0
11°	507.3
12°	485.0
13°	462.8
14°	440.5
15°	417.0
17.5°	361.7
20°	311.7
22.5°	266.6
25°	227.5
27.5°	190.8
30°	157.1
32.5°	126.4
35°	98.7
37.5°	75.2
40°	56.0
42.5°	40.9
45°	30.1
47.5°	22.9
50°	17.5
52.5°	14.4
55°	12.6
57.5°	10.8
60°	9.6
62.5°	7.8
65°	7.2
67.5°	6.0
70°	4.8
72.5°	4.2
75°	3.6
77.5°	3.0
80°	1.8
82.5°	1.2
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)