

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: P1272963

Luminaire Tested: P3A02R259830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272963
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: P3A02R259830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

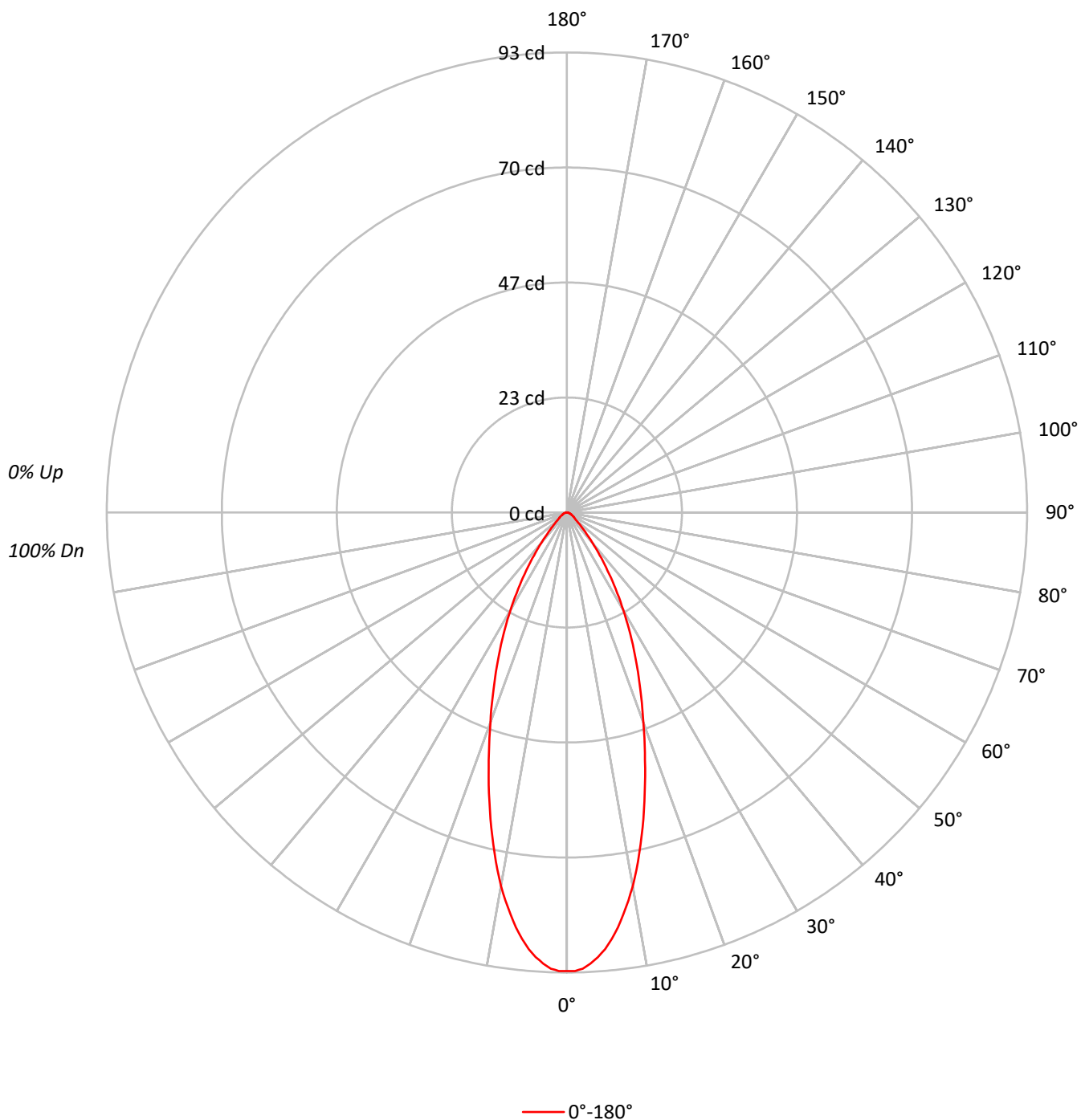
Lumens per Lamp: N/A
Luminaire Lumens: 56.0 lumens
Efficiency: N/A
Efficacy: 15.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		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°	20327
5°	19502
10°	17078
15°	13734
20°	10548
25°	7984
30°	5773
35°	3828
40°	2319
45°	1364
50°	853
55°	688
60°	614
65°	519
70°	449
75°	424
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1364 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.1	14.4
10°-20°	16.7	29.9
20°-30°	15.1	27.0
30°-40°	9.1	16.2
40°-50°	3.6	6.4
50°-60°	1.7	3.0
60°-70°	1.0	1.8
70°-80°	0.5	0.9
80°-90°	0.2	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°	39.9	71.3
0°-40°	49.0	87.6
0°-60°	54.3	97.0
0°-90°	56.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	56.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	93	
5°	89	8
15°	60	17
25°	33	15
35°	14	9
45°	4	4
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	92.7
1°	92.7
2°	92.3
3°	91.3
4°	90.1
5°	88.6
6°	86.7
7°	84.5
8°	82.0
9°	79.4
10°	76.7
11°	73.6
12°	70.4
13°	67.1
14°	63.9
15°	60.5
17.5°	52.5
20°	45.2
22.5°	38.7
25°	33.0
27.5°	27.7
30°	22.8
32.5°	18.3
35°	14.3
37.5°	10.9
40°	8.1
42.5°	5.9
45°	4.4
47.5°	3.3
50°	2.5
52.5°	2.1
55°	1.8
57.5°	1.6
60°	1.4
62.5°	1.1
65°	1.0
67.5°	0.9
70°	0.7
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.2
87.5°	0.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)