

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: P1245844

Luminaire Tested: P3AS02R559024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245844
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

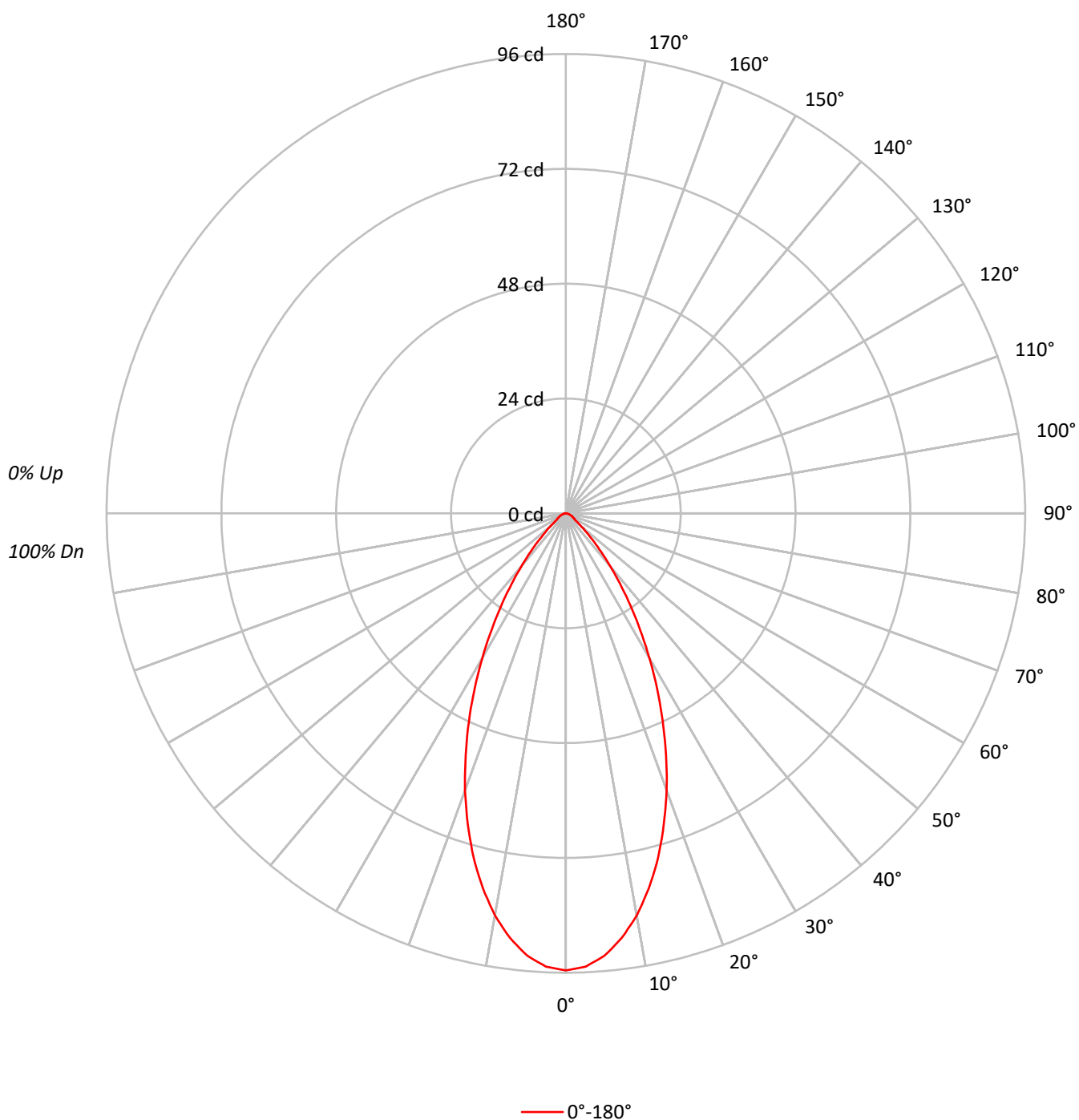
Lumens per Lamp: N/A
Luminaire Lumens: 77.0 lumens
Efficiency: N/A
Efficacy: 21.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					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	113	110	107	105		110	108	105	103		104	102	100		100	98	97		97	95	94
2	107	102	97	94		105	100	96	93		97	93	91		94	91	89		91	89	87
3	101	94	89	85		99	93	88	84		90	86	83		88	84	81		86	83	80
4	96	88	82	77		94	87	81	77		84	80	76		82	78	75		80	77	74
5	91	82	76	71		89	81	75	71		79	74	70		77	73	70		76	72	69
6	86	77	70	66		85	76	70	66		74	69	65		73	68	65		72	68	64
7	82	72	66	61		80	71	65	61		70	65	61		69	64	61		68	63	60
8	78	68	62	57		76	67	61	57		66	61	57		65	60	57		64	60	56
9	74	64	58	54		73	63	58	54		62	57	53		62	57	53		61	56	53
10	70	60	55	51		69	60	54	50		59	54	50		58	54	50		58	53	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20941
5°	20427
10°	18993
15°	16913
20°	14375
25°	11589
30°	8837
35°	6291
40°	4151
45°	2450
50°	1433
55°	879
60°	789
65°	726
70°	641
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2450 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	11.2
10°-20°	20.6	26.8
20°-30°	21.9	28.4
30°-40°	14.8	19.2
40°-50°	6.5	8.4
50°-60°	2.3	3.0
60°-70°	1.4	1.8
70°-80°	0.7	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°	51.1	66.4
0°-40°	65.9	85.6
0°-60°	74.7	97.0
0°-90°	77.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	77.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	96	
5°	93	9
15°	74	21
25°	48	22
35°	24	15
45°	8	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	95.5
2.5°	94.8
5°	92.8
7.5°	89.5
10°	85.3
12.5°	80.2
15°	74.5
17.5°	68.1
20°	61.6
22.5°	54.7
25°	47.9
27.5°	41.3
30°	34.9
32.5°	28.9
35°	23.5
37.5°	18.6
40°	14.5
42.5°	10.9
45°	7.9
47.5°	5.8
50°	4.2
52.5°	3.0
55°	2.3
57.5°	2.1
60°	1.8
62.5°	1.6
65°	1.4
67.5°	1.2
70°	1.0
72.5°	0.8
75°	0.6
77.5°	0.5
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)