

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: P1268598

Luminaire Tested: P3AS02R259740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268598
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: P3AS02R259740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

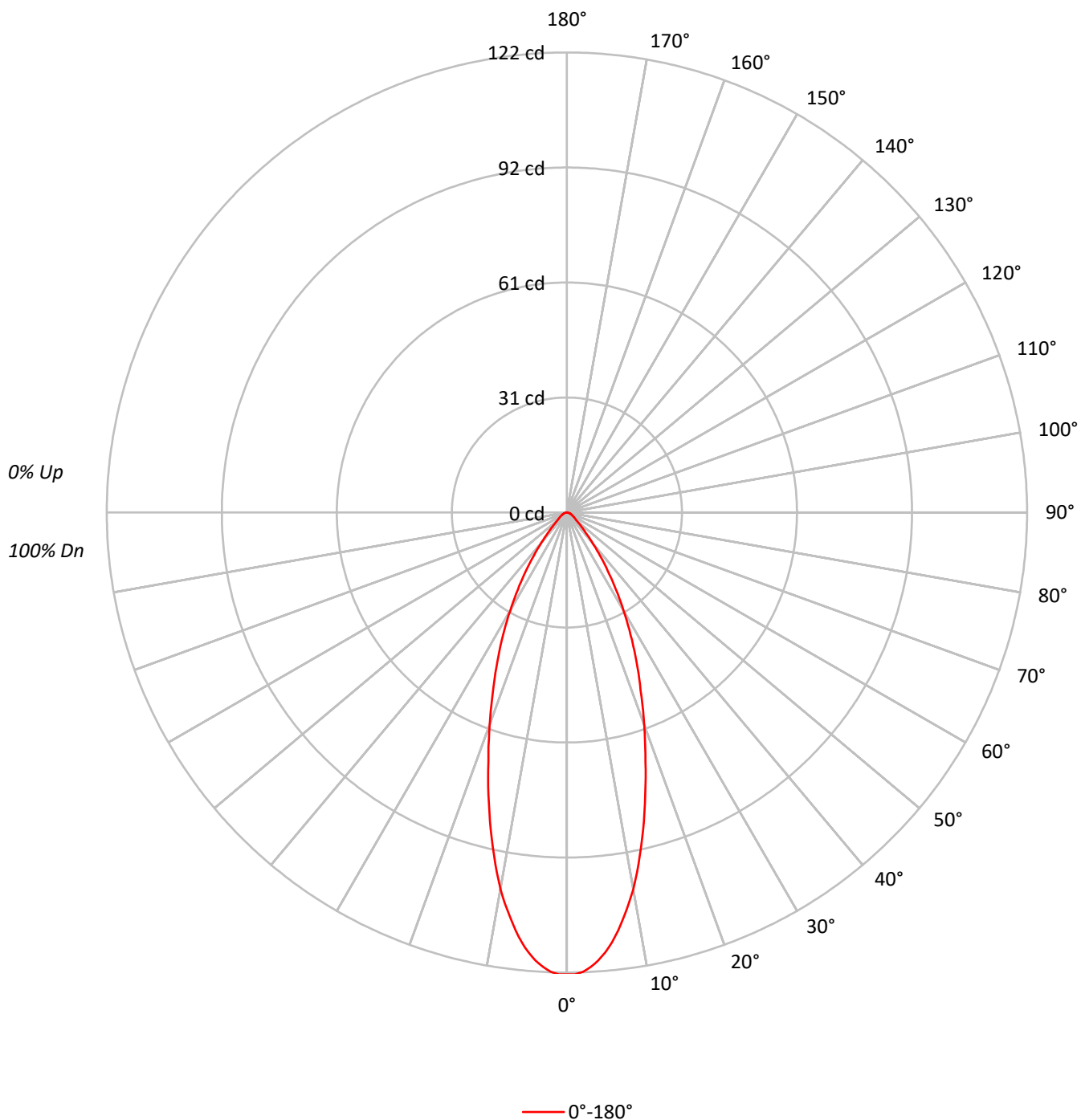
Lumens per Lamp: N/A
Luminaire Lumens: 74.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	82	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°	26862
5°	25776
10°	22578
15°	18139
20°	13955
25°	10549
30°	7621
35°	5059
40°	3063
45°	1799
50°	1126
55°	918
60°	789
65°	726
70°	577
75°	593
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1799 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.7	14.4
10°-20°	22.1	29.9
20°-30°	20.0	27.0
30°-40°	12.0	16.2
40°-50°	4.8	6.4
50°-60°	2.2	3.0
60°-70°	1.3	1.8
70°-80°	0.7	1.0
80°-90°	0.2	0.2
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°	52.8	71.3
0°-40°	64.8	87.6
0°-60°	71.7	97.0
0°-90°	74.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	74.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	122	
5°	117	11
15°	80	22
25°	44	20
35°	19	12
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	122.5
1°	122.5
2°	121.9
3°	120.7
4°	119.1
5°	117.1
6°	114.6
7°	111.7
8°	108.3
9°	105.0
10°	101.4
11°	97.3
12°	93.0
13°	88.7
14°	84.4
15°	79.9
17.5°	69.3
20°	59.8
22.5°	51.1
25°	43.6
27.5°	36.6
30°	30.1
32.5°	24.2
35°	18.9
37.5°	14.4
40°	10.7
42.5°	7.8
45°	5.8
47.5°	4.4
50°	3.3
52.5°	2.8
55°	2.4
57.5°	2.1
60°	1.8
62.5°	1.5
65°	1.4
67.5°	1.2
70°	0.9
72.5°	0.8
75°	0.7
77.5°	0.6
80°	0.3
82.5°	0.2
85°	0.2
87.5°	0.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)