

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: P1253399

Luminaire Tested: P3AS02R159035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253399
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

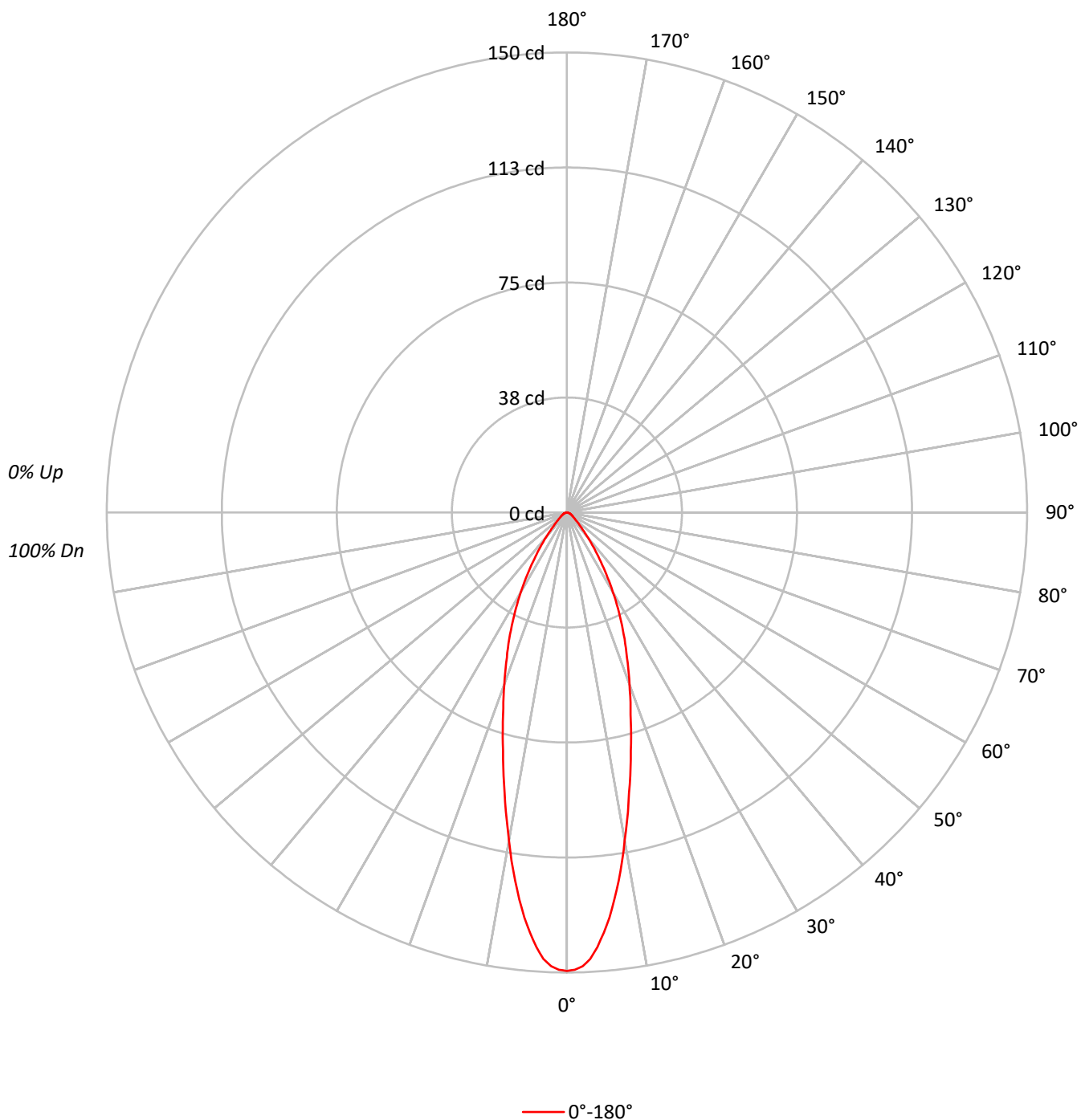
Lumens per Lamp: N/A
Luminaire Lumens: 76.0 lumens
Efficiency: N/A
Efficacy: 21.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1253399

CATALOG NUMBER: P3AS02R159035DE010 E3DLP1GPH

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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32782
5°	30288
10°	24181
15°	18275
20°	13908
25°	10597
30°	7596
35°	4952
40°	3034
45°	1830
50°	1228
55°	956
60°	833
65°	726
70°	641
75°	593
80°	505
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1830 cd/sqm

TEST NUMBER: P1253399

CATALOG NUMBER: P3AS02R159035DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.2	16.0
10°-20°	22.5	29.6
20°-30°	20.0	26.3
30°-40°	11.8	15.6
40°-50°	4.9	6.4
50°-60°	2.3	3.0
60°-70°	1.4	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°	54.7	72.0
0°-40°	66.5	87.5
0°-60°	73.7	97.0
0°-90°	76.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	76.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	150	
5°	138	12
15°	80	22
25°	44	20
35°	18	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°	149.5
1°	149.1
2°	148.0
3°	145.8
4°	142.1
5°	137.6
6°	132.8
7°	127.1
8°	121.2
9°	115.1
10°	108.6
12.5°	93.7
15°	80.5
17.5°	69.1
20°	59.6
22.5°	51.2
25°	43.8
27.5°	36.7
30°	30.0
32.5°	23.9
35°	18.5
37.5°	14.2
40°	10.6
42.5°	7.9
45°	5.9
47.5°	4.6
50°	3.6
52.5°	3.0
55°	2.5
57.5°	2.1
60°	1.9
62.5°	1.6
65°	1.4
67.5°	1.2
70°	1.0
72.5°	0.9
75°	0.7
77.5°	0.5
80°	0.4
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)