

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: P1258765

Luminaire Tested: P3AS02R159050DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258765
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: P3AS02R159050DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

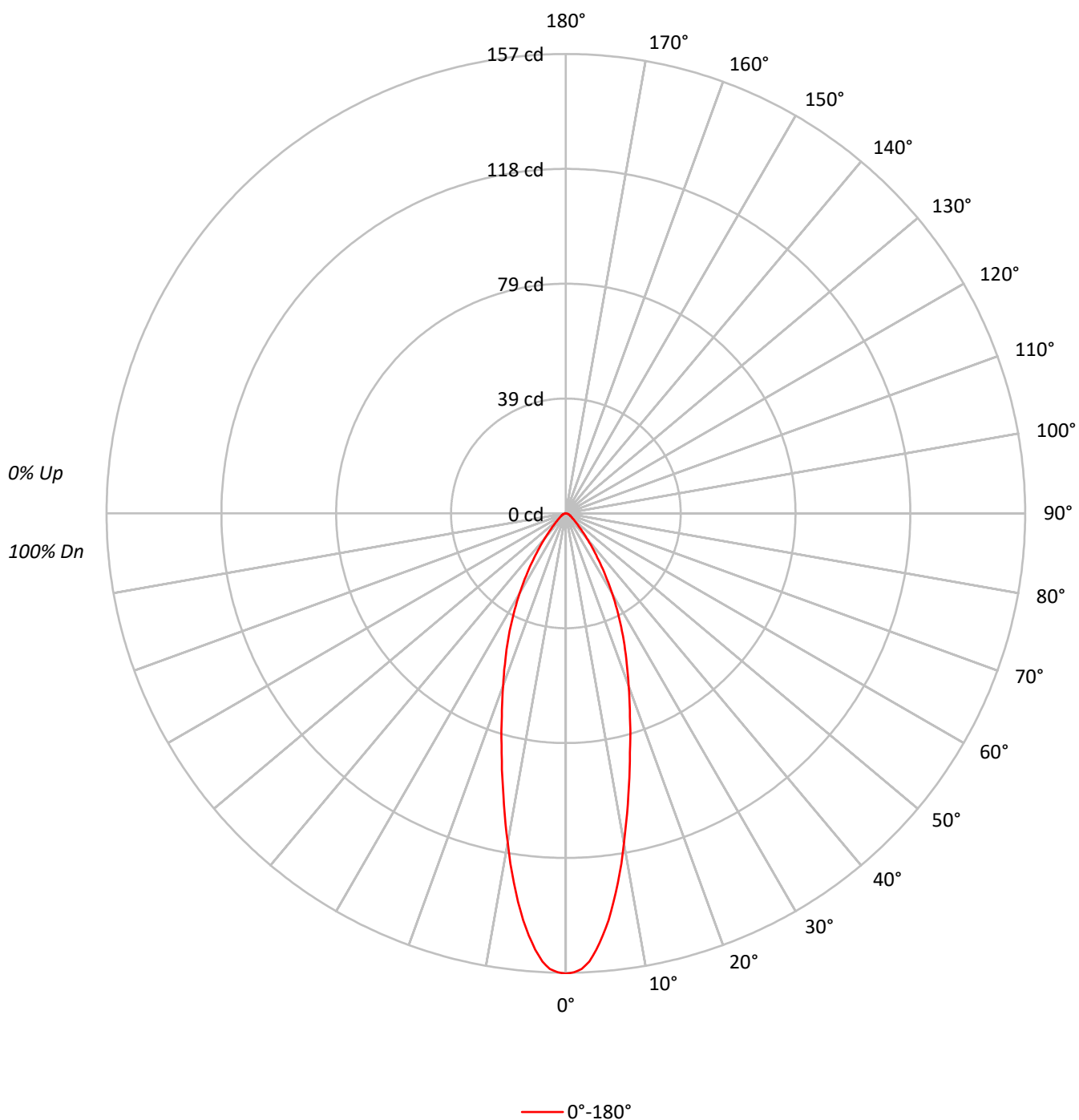
Lumens per Lamp: N/A
Luminaire Lumens: 80.0 lumens
Efficiency: N/A
Efficacy: 22.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258765

CATALOG NUMBER: P3AS02R159050DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1258765

CATALOG NUMBER: P3AS02R159050DE010 E3DLP1GPH

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	99	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	89	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	74	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	65		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	58		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34493
5°	31895
10°	25450
15°	19228
20°	14631
25°	11154
30°	8001
35°	5220
40°	3206
45°	1923
50°	1296
55°	994
60°	833
65°	726
70°	641
75°	678
80°	505
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1923 cd/sqm

TEST NUMBER: P1258765

CATALOG NUMBER: P3AS02R159050DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.8	16.0
10°-20°	23.7	29.6
20°-30°	21.1	26.4
30°-40°	12.5	15.6
40°-50°	5.1	6.4
50°-60°	2.4	3.0
60°-70°	1.4	1.8
70°-80°	0.8	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°	57.6	72.0
0°-40°	70.1	87.6
0°-60°	77.6	97.0
0°-90°	80.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	80.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	157	
5°	145	13
15°	85	24
25°	46	21
35°	20	12
45°	6	5
55°	3	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1258765

CATALOG NUMBER: P3AS02R159050DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	157.3
1°	156.9
2°	155.8
3°	153.4
4°	149.5
5°	144.9
6°	139.8
7°	133.8
8°	127.6
9°	121.2
10°	114.3
12.5°	98.6
15°	84.7
17.5°	72.8
20°	62.7
22.5°	53.9
25°	46.1
27.5°	38.6
30°	31.6
32.5°	25.2
35°	19.5
37.5°	14.9
40°	11.2
42.5°	8.3
45°	6.2
47.5°	4.8
50°	3.8
52.5°	3.1
55°	2.6
57.5°	2.2
60°	1.9
62.5°	1.7
65°	1.4
67.5°	1.3
70°	1.0
72.5°	0.9
75°	0.8
77.5°	0.5
80°	0.4
82.5°	0.3
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)