

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: P1275081

Luminaire Tested: P3AS02R359835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275081
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

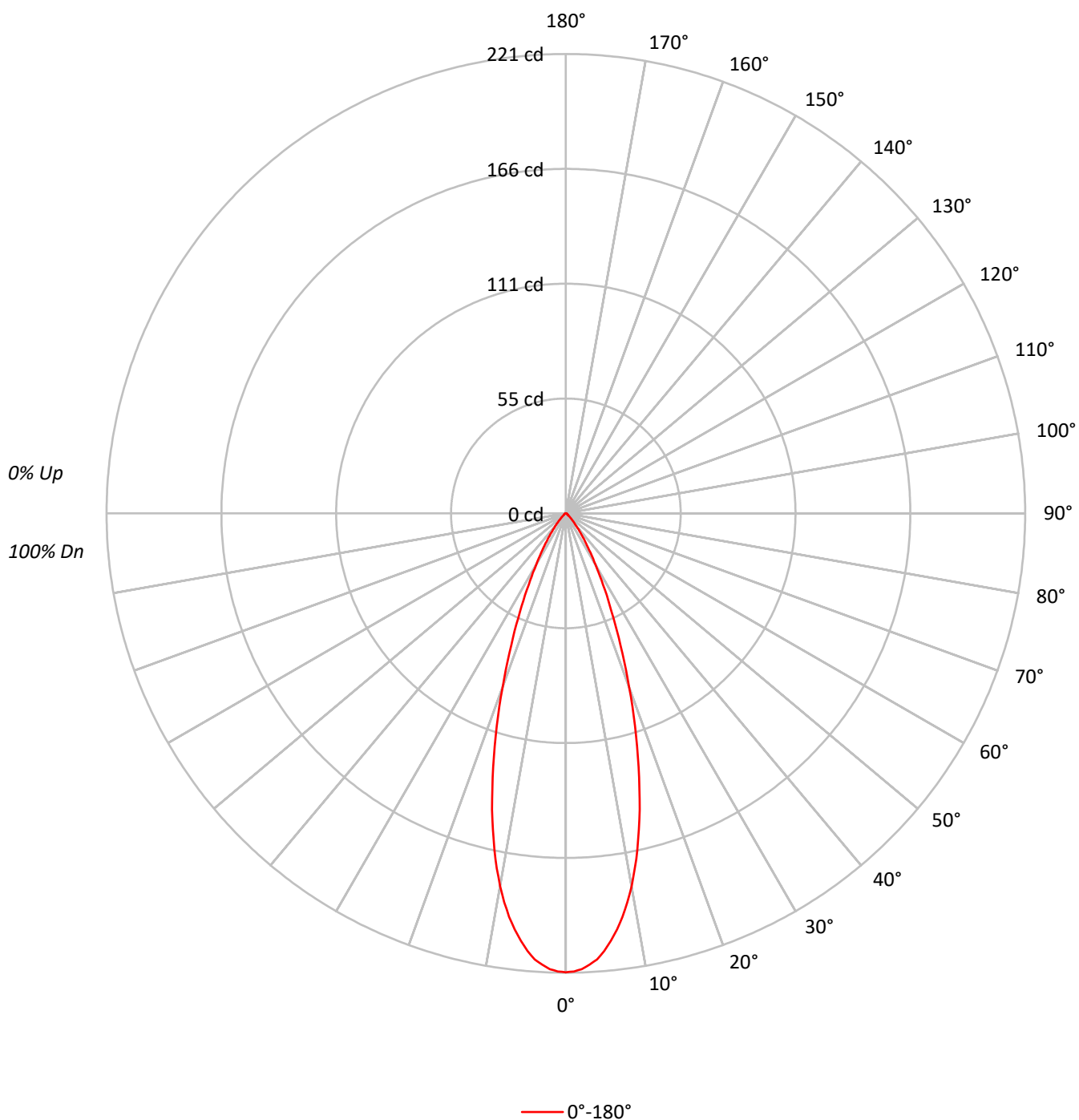
Lumens per Lamp: N/A
Luminaire Lumens: 96.0 lumens
Efficiency: N/A
Efficacy: 26.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275081

CATALOG NUMBER: P3AS02R359835DE010 E3DL1GPH

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95		
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	89		
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	90	88	86	85		
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80		
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76		
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73		
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70		
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66		
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64		
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48417
5°	46533
10°	40547
15°	31056
20°	20768
25°	12581
30°	7216
35°	4042
40°	2147
45°	1116
50°	546
55°	421
60°	395
65°	311
70°	321
75°	339
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1116 cd/sqm

TEST NUMBER: P1275081

CATALOG NUMBER: P3AS02R359835DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	20.0
10°-20°	37.3	38.8
20°-30°	24.4	25.4
30°-40°	9.9	10.3
40°-50°	3.0	3.1
50°-60°	1.0	1.1
60°-70°	0.6	0.7
70°-80°	0.4	0.4
80°-90°	0.1	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°	80.9	84.3
0°-40°	90.8	94.6
0°-60°	94.8	98.7
0°-90°	96.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	96.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	221	
5°	211	19
15°	137	37
25°	52	24
35°	15	10
45°	4	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	220.8
1°	220.4
2°	219.4
3°	217.4
4°	215.1
5°	211.4
6°	206.8
7°	201.7
8°	196.0
9°	189.4
10°	182.1
11°	174.0
12°	165.5
13°	156.0
14°	146.9
15°	136.8
17.5°	112.2
20°	89.0
22.5°	68.5
25°	52.0
27.5°	38.7
30°	28.5
32.5°	20.9
35°	15.1
37.5°	10.7
40°	7.5
42.5°	5.2
45°	3.6
47.5°	2.4
50°	1.6
52.5°	1.2
55°	1.1
57.5°	1.0
60°	0.9
62.5°	0.8
65°	0.6
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.4
77.5°	0.3
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1



TEST NUMBER: P1275081
CATALOG NUMBER: P3AS02R359835DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)