

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: P1270860

Luminaire Tested: P3AS02R209827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270860
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

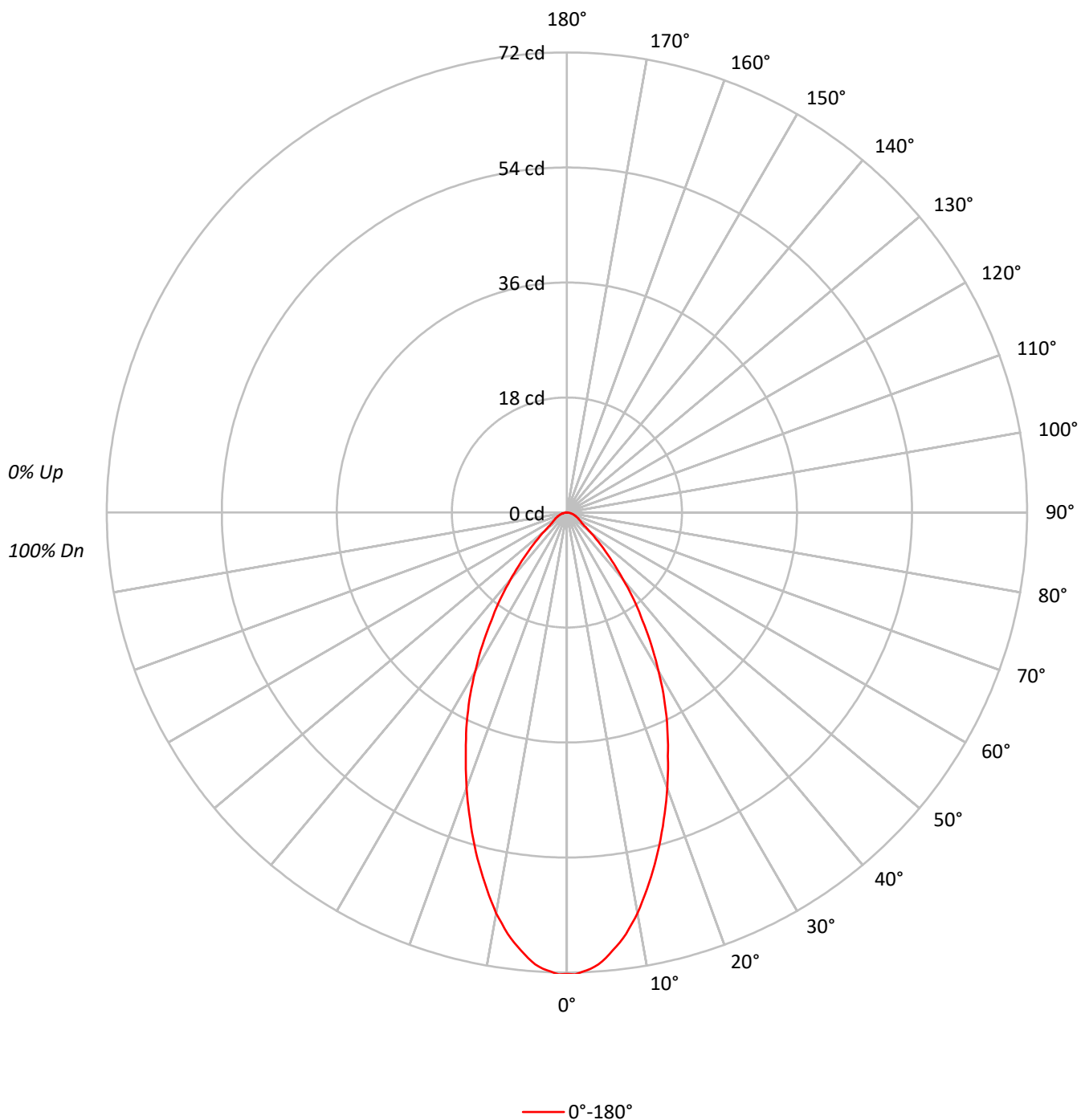
Lumens per Lamp: N/A
Luminaire Lumens: 64.0 lumens
Efficiency: N/A
Efficacy: 17.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	64		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	15832
5°	15408
10°	14184
15°	12486
20°	10711
25°	9001
30°	7267
35°	5514
40°	3922
45°	2605
50°	1603
55°	1070
60°	965
65°	882
70°	833
75°	763
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2605 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.5	10.1
10°-20°	15.3	23.9
20°-30°	17.0	26.5
30°-40°	12.9	20.2
40°-50°	6.6	10.3
50°-60°	2.7	4.3
60°-70°	1.7	2.7
70°-80°	1.0	1.5
80°-90°	0.3	0.4
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°	38.8	60.6
0°-40°	51.7	80.8
0°-60°	61.1	95.4
0°-90°	64.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	64.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	72	
5°	70	6
15°	55	15
25°	37	17
35°	21	13
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	72.2
1°	72.3
2°	71.9
3°	71.5
4°	70.9
5°	70.0
6°	68.9
7°	67.8
8°	66.6
9°	65.1
10°	63.7
12.5°	59.4
15°	55.0
17.5°	50.4
20°	45.9
22.5°	41.3
25°	37.2
27.5°	33.0
30°	28.7
32.5°	24.6
35°	20.6
37.5°	17.2
40°	13.7
42.5°	10.8
45°	8.4
47.5°	6.3
50°	4.7
52.5°	3.5
55°	2.8
57.5°	2.5
60°	2.2
62.5°	2.0
65°	1.7
67.5°	1.5
70°	1.3
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)