

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: P1255416

Luminaire Tested: P3AS20R359035D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255416
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: P3AS20R359035D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

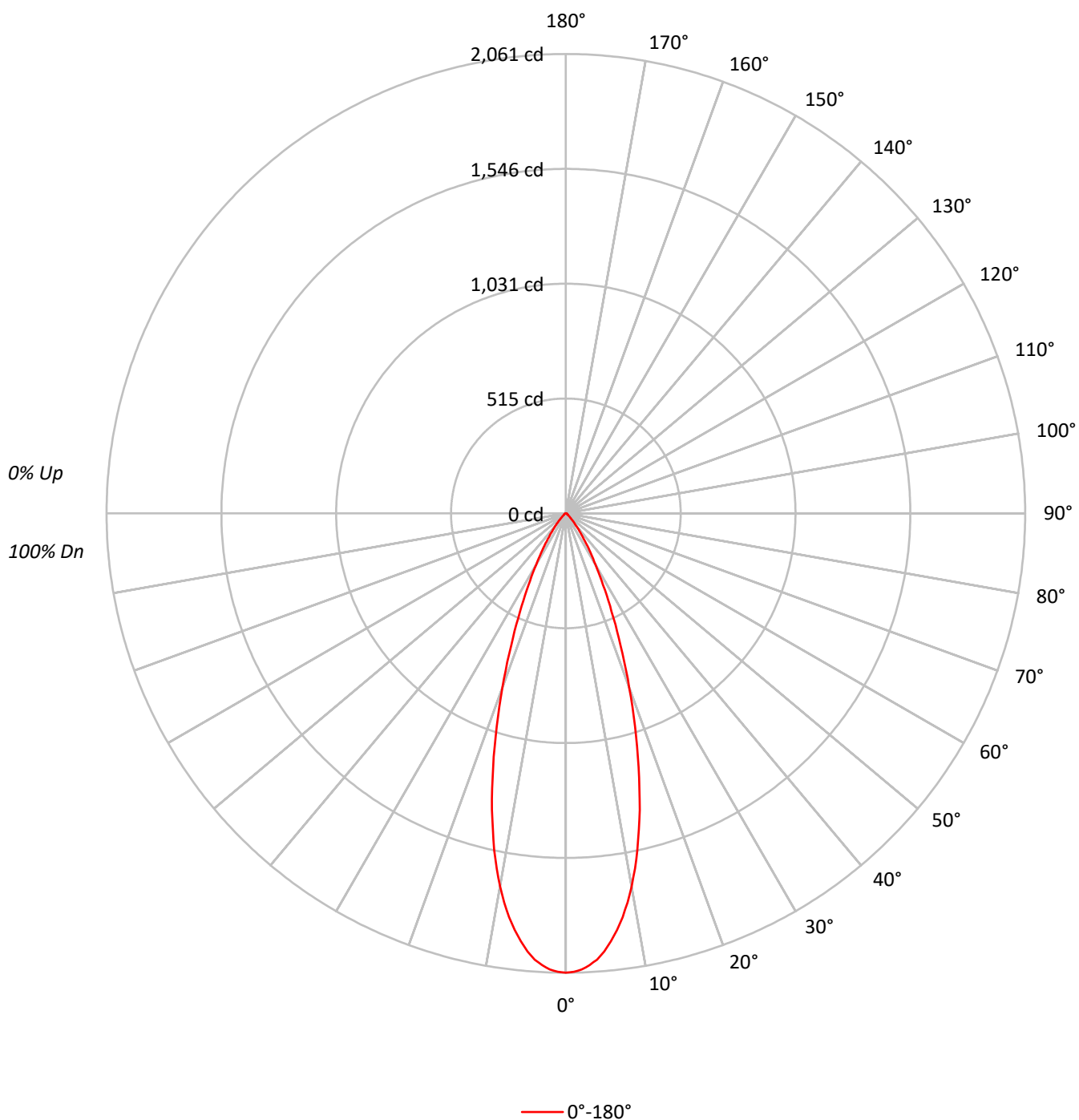
Lumens per Lamp: N/A
Luminaire Lumens: 896.1 lumens
Efficiency: N/A
Efficacy: 31.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	451894
5°	434315
10°	378417
15°	289831
20°	193917
25°	117345
30°	67327
35°	37638
40°	20009
45°	10296
50°	4947
55°	3900
60°	3728
65°	3113
70°	3270
75°	2881
80°	3283
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10296 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.5	20.0
10°-20°	347.9	38.8
20°-30°	227.8	25.4
30°-40°	92.4	10.3
40°-50°	27.7	3.1
50°-60°	9.4	1.1
60°-70°	6.3	0.7
70°-80°	3.7	0.4
80°-90°	1.3	0.1
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°	755.2	84.3
0°-40°	847.6	94.6
0°-60°	884.7	98.7
0°-90°	896.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	896.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2061	
5°	1973	180
15°	1277	348
25°	485	228
35°	141	92
45°	33	28
55°	10	9
65°	6	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2060.8
1°	2057.4
2°	2048.1
3°	2029.3
4°	2007.2
5°	1973.1
6°	1930.4
7°	1882.7
8°	1829.0
9°	1767.7
10°	1699.5
11°	1623.6
12°	1544.4
13°	1455.7
14°	1371.3
15°	1276.7
17.5°	1047.5
20°	831.0
22.5°	639.2
25°	485.0
27.5°	361.4
30°	265.9
32.5°	195.2
35°	140.6
37.5°	99.7
40°	69.9
42.5°	48.6
45°	33.2
47.5°	22.2
50°	14.5
52.5°	11.1
55°	10.2
57.5°	9.4
60°	8.5
62.5°	7.7
65°	6.0
67.5°	5.1
70°	5.1
72.5°	4.3
75°	3.4
77.5°	2.6
80°	2.6
82.5°	1.7
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)