

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: P1255071

Luminaire Tested: P3AS17R359035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255071
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: P3AS17R359035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

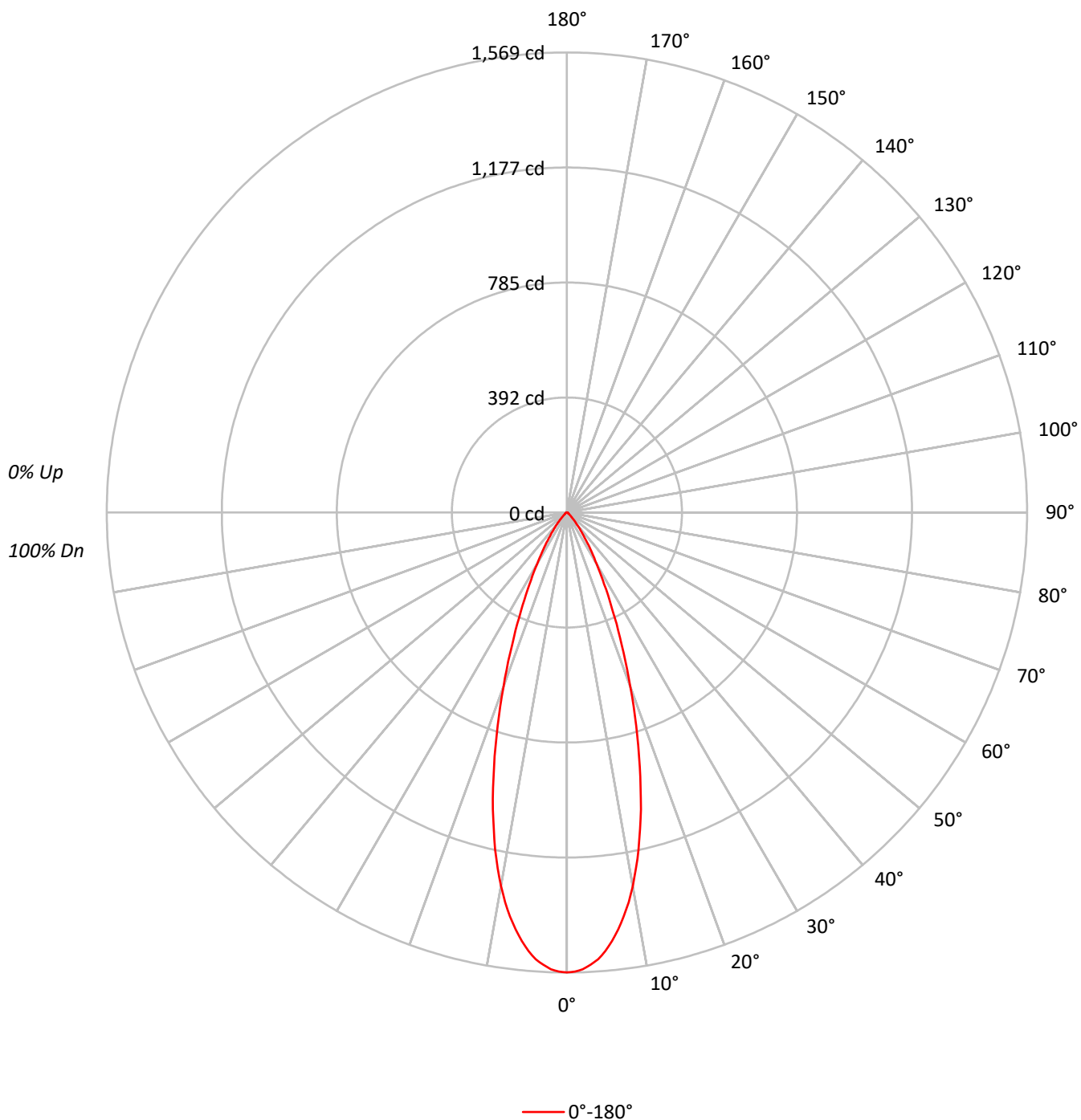
Lumens per Lamp: N/A
Luminaire Lumens: 681.9 lumens
Efficiency: N/A
Efficacy: 32.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	72		78	74	71		77
8	85	77	72	69	84	77	72	69	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°	343964
5°	330574
10°	288037
15°	220614
20°	147596
25°	89304
30°	51248
35°	28643
40°	15229
45°	7846
50°	3753
55°	2982
60°	2851
65°	2335
70°	2500
75°	2203
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7846 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.6	20.0
10°-20°	264.8	38.8
20°-30°	173.4	25.4
30°-40°	70.3	10.3
40°-50°	21.1	3.1
50°-60°	7.2	1.0
60°-70°	4.8	0.7
70°-80°	2.8	0.4
80°-90°	0.9	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°	574.8	84.3
0°-40°	645.1	94.6
0°-60°	673.4	98.7
0°-90°	681.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	681.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1569	
5°	1502	137
15°	972	265
25°	369	173
35°	107	70
45°	25	21
55°	8	7
65°	4	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1568.6
1°	1566.0
2°	1558.9
3°	1544.6
4°	1527.8
5°	1501.8
6°	1469.4
7°	1433.0
8°	1392.2
9°	1345.5
10°	1293.6
11°	1235.8
12°	1175.5
13°	1108.0
14°	1043.8
15°	971.8
17.5°	797.3
20°	632.5
22.5°	486.5
25°	369.1
27.5°	275.1
30°	202.4
32.5°	148.6
35°	107.0
37.5°	75.9
40°	53.2
42.5°	37.0
45°	25.3
47.5°	16.9
50°	11.0
52.5°	8.4
55°	7.8
57.5°	7.1
60°	6.5
62.5°	5.8
65°	4.5
67.5°	3.9
70°	3.9
72.5°	3.2
75°	2.6
77.5°	1.9
80°	1.9
82.5°	1.3
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)