

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: P1251988

Luminaire Tested: P3AS13R359030DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251988
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: P3AS13R359030DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

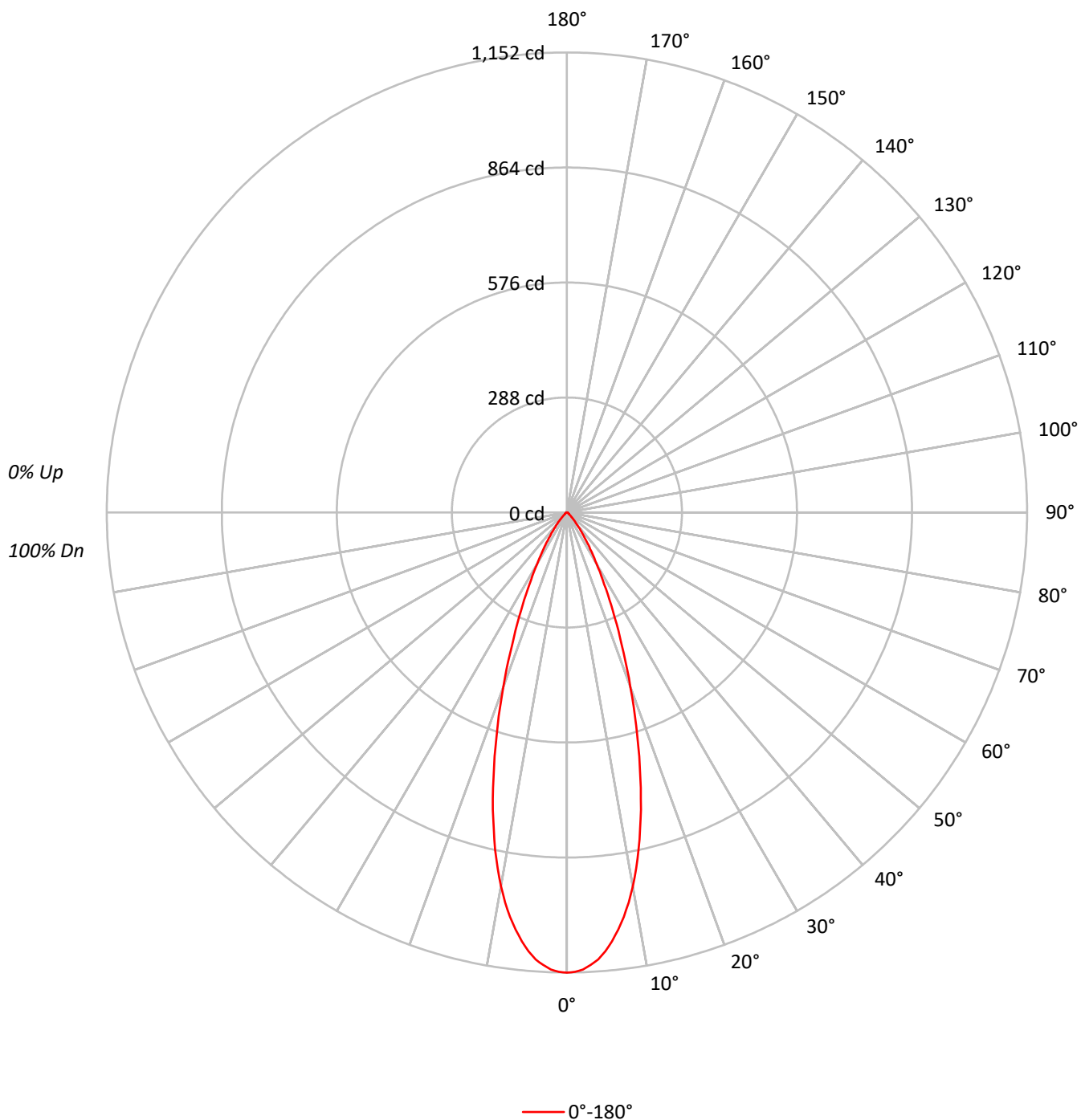
Lumens per Lamp: N/A
Luminaire Lumens: 501.0 lumens
Efficiency: N/A
Efficacy: 34.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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
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°	252677
5°	242835
10°	211597
15°	162067
20°	108416
25°	65617
30°	37651
35°	21041
40°	11192
45°	5768
50°	2763
55°	2179
60°	2105
65°	1712
70°	1859
75°	1610
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.4	20.0
10°-20°	194.5	38.8
20°-30°	127.4	25.4
30°-40°	51.7	10.3
40°-50°	15.5	3.1
50°-60°	5.3	1.0
60°-70°	3.5	0.7
70°-80°	2.1	0.4
80°-90°	0.7	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°	422.3	84.3
0°-40°	473.9	94.6
0°-60°	494.7	98.7
0°-90°	501.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	501.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1152	
5°	1103	100
15°	714	195
25°	271	127
35°	79	52
45°	19	16
55°	6	5
65°	3	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1152.3
1°	1150.4
2°	1145.2
3°	1134.7
4°	1122.3
5°	1103.2
6°	1079.4
7°	1052.7
8°	1022.7
9°	988.4
10°	950.3
11°	907.8
12°	863.5
13°	814.0
14°	766.8
15°	713.9
17.5°	585.7
20°	464.6
22.5°	357.4
25°	271.2
27.5°	202.1
30°	148.7
32.5°	109.1
35°	78.6
37.5°	55.8
40°	39.1
42.5°	27.2
45°	18.6
47.5°	12.4
50°	8.1
52.5°	6.2
55°	5.7
57.5°	5.2
60°	4.8
62.5°	4.3
65°	3.3
67.5°	2.9
70°	2.9
72.5°	2.4
75°	1.9
77.5°	1.4
80°	1.4
82.5°	1.0
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)