

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: P1257414

Luminaire Tested: P3AS13R359040DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257414
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359040DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

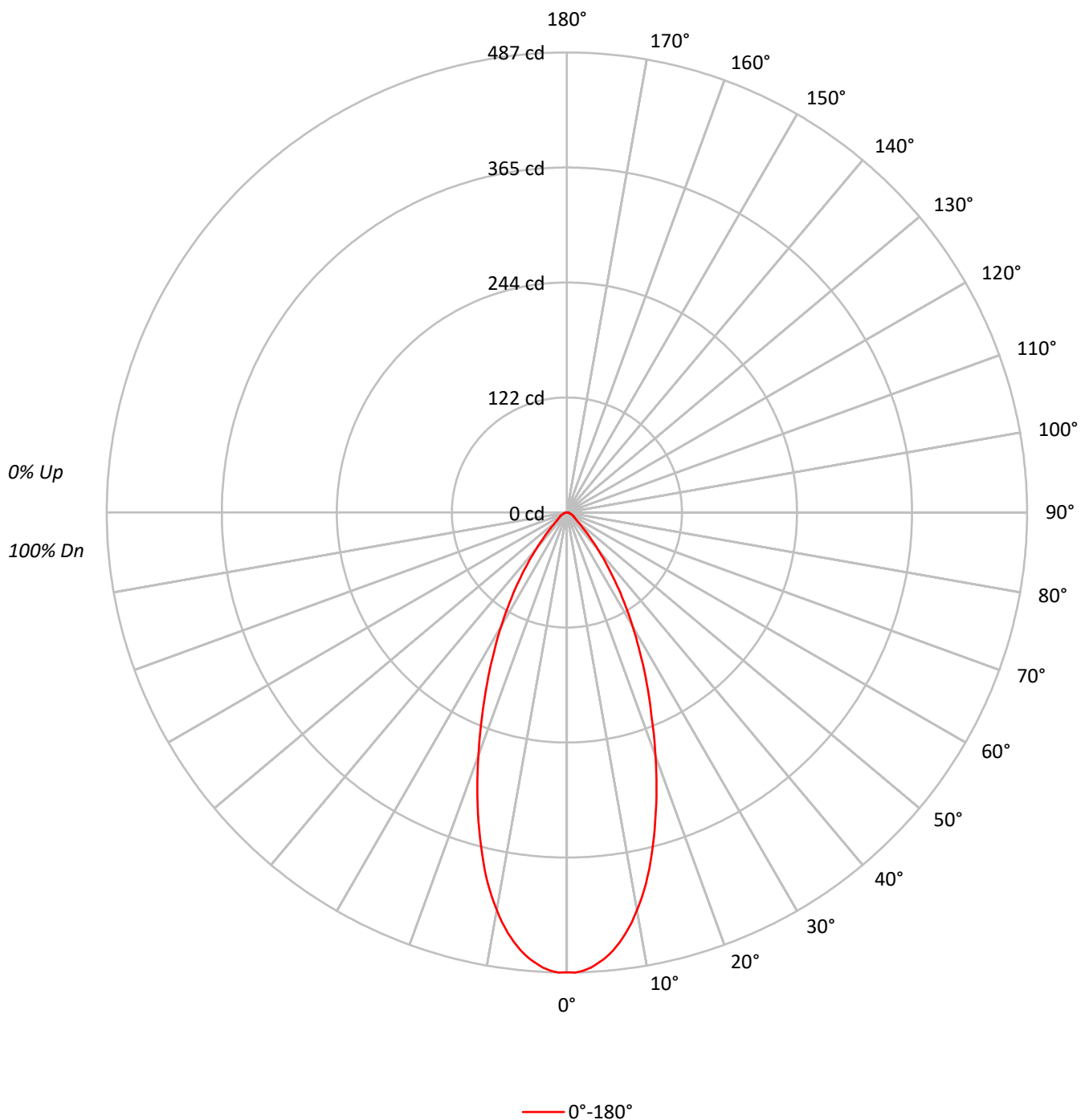
Lumens per Lamp: N/A
Luminaire Lumens: 332.0 lumens
Efficiency: N/A
Efficacy: 22.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106724
5°	104094
10°	95166
15°	80772
20°	63939
25°	48366
30°	35195
35°	23798
40°	14627
45°	8404
50°	5049
55°	4091
60°	3596
65°	3165
70°	2629
75°	2626
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8404 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.7	13.2
10°-20°	98.1	29.5
20°-30°	91.8	27.6
30°-40°	56.2	16.9
40°-50°	22.1	6.7
50°-60°	9.7	2.9
60°-70°	6.1	1.8
70°-80°	3.3	1.0
80°-90°	1.1	0.3
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°	233.5	70.3
0°-40°	289.7	87.3
0°-60°	321.6	96.9
0°-90°	332.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	332.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	487	
5°	473	44
15°	356	98
25°	200	92
35°	89	56
45°	27	22
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	486.7
1°	487.2
2°	485.6
3°	482.6
4°	478.0
5°	472.9
6°	466.2
7°	458.5
8°	449.3
9°	439.1
10°	427.4
11°	415.1
12°	401.8
13°	387.5
14°	371.6
15°	355.8
17.5°	314.9
20°	274.0
22.5°	234.6
25°	199.9
27.5°	167.7
30°	139.0
32.5°	112.5
35°	88.9
37.5°	68.0
40°	51.1
42.5°	36.8
45°	27.1
47.5°	19.4
50°	14.8
52.5°	12.3
55°	10.7
57.5°	9.2
60°	8.2
62.5°	7.2
65°	6.1
67.5°	5.1
70°	4.1
72.5°	3.6
75°	3.1
77.5°	2.6
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)