

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: P1260207

Luminaire Tested: P3AS13R709050DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260207
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709050DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

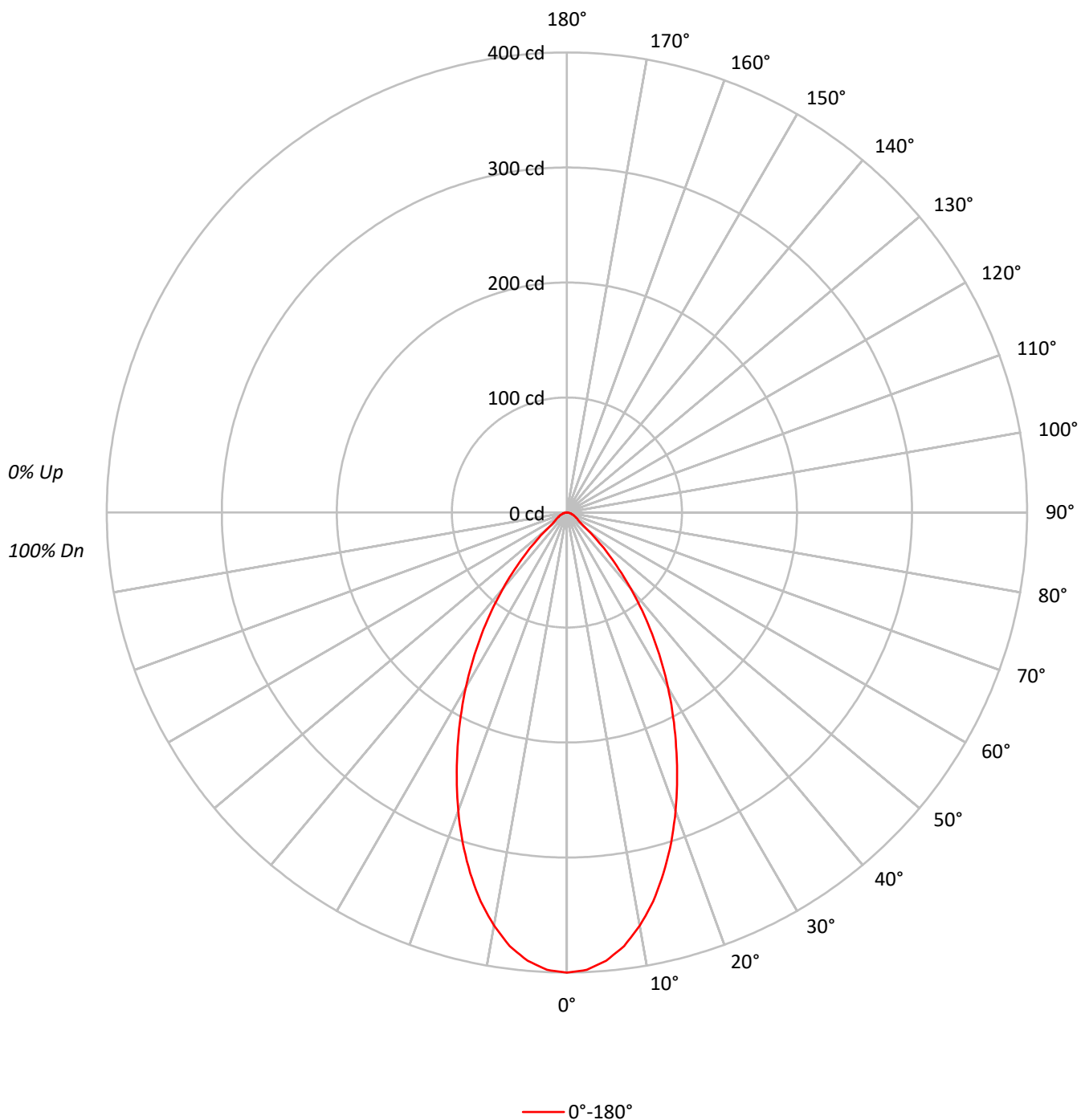
Lumens per Lamp: N/A
Luminaire Lumens: 374.0 lumens
Efficiency: N/A
Efficacy: 25.6 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92		
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84		
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77		
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71		
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65		
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61		
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56		
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52		
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49		
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	87734
5°	86110
10°	81205
15°	73689
20°	64452
25°	54366
30°	44513
35°	34532
40°	24732
45°	15661
50°	7812
55°	4779
60°	4122
65°	3788
70°	3334
75°	3050
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 15661 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.5	9.8
10°-20°	90.3	24.2
20°-30°	102.9	27.5
30°-40°	80.4	21.5
40°-50°	39.5	10.6
50°-60°	12.2	3.3
60°-70°	7.2	1.9
70°-80°	3.8	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°	229.7	61.4
0°-40°	310.1	82.9
0°-60°	361.8	96.7
0°-90°	374.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	374.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	400	
5°	391	37
15°	325	90
25°	225	103
35°	129	80
45°	50	40
55°	12	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	400.1
2.5°	398.0
5°	391.2
7.5°	380.3
10°	364.7
12.5°	346.5
15°	324.6
17.5°	301.2
20°	276.2
22.5°	250.2
25°	224.7
27.5°	199.8
30°	175.8
32.5°	151.9
35°	129.0
37.5°	107.2
40°	86.4
42.5°	67.1
45°	50.5
47.5°	35.4
50°	22.9
52.5°	15.1
55°	12.5
57.5°	10.9
60°	9.4
62.5°	8.3
65°	7.3
67.5°	6.2
70°	5.2
72.5°	4.2
75°	3.6
77.5°	3.1
80°	2.1
82.5°	1.6
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)