

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: P1248123

Luminaire Tested: P3AS02R409027DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248123
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409027DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

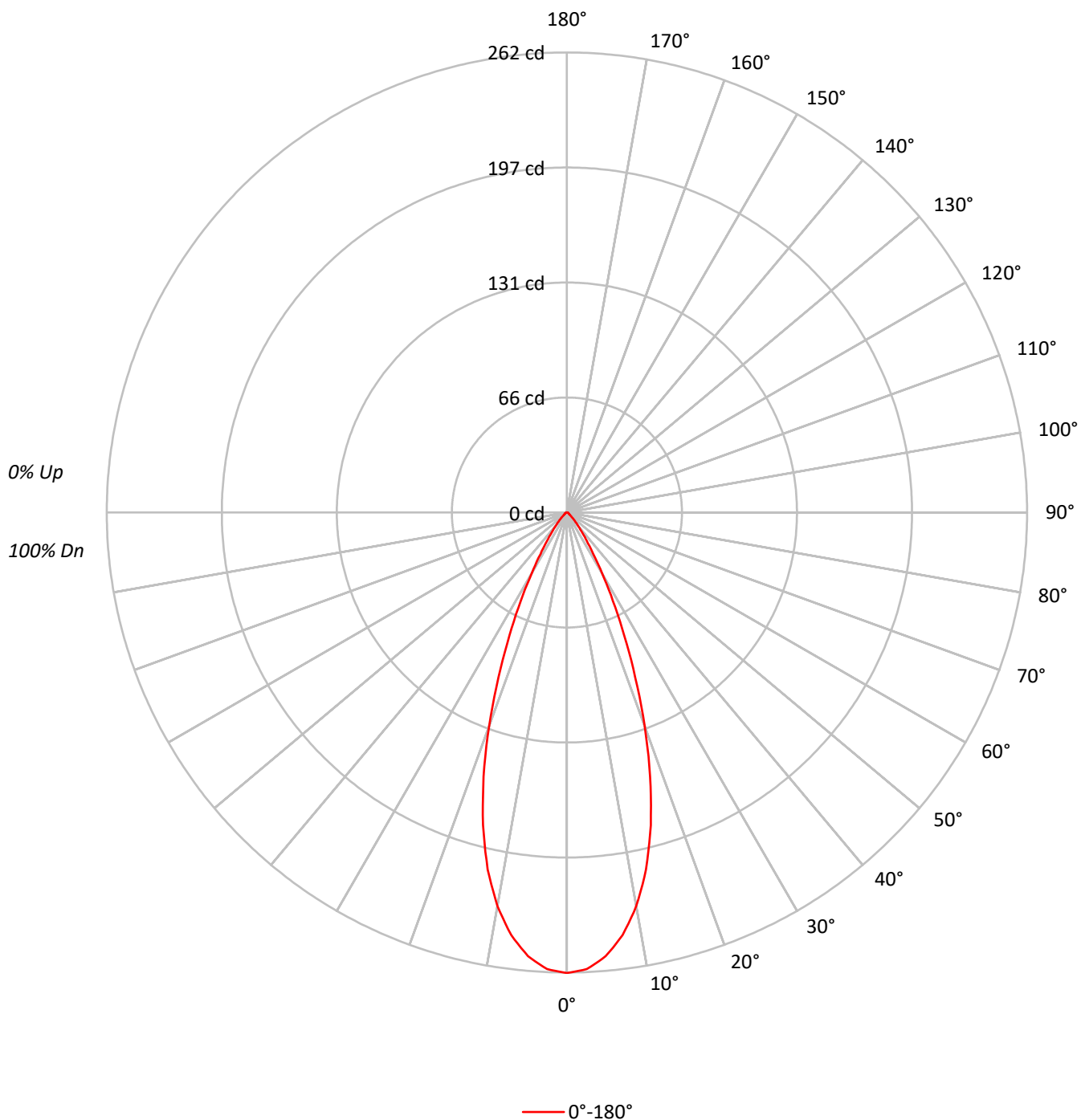
Lumens per Lamp: N/A
Luminaire Lumens: 130.0 lumens
Efficiency: N/A
Efficacy: 36.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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					0
RW	70	50	30	10		70	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
1	114	111	109	107		112	109	107	105		105	104	102		102	100	99		98	97	96
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	92	91
3	104	99	94	91		102	97	93	90		95	91	88		92	89	87		90	88	86
4	100	93	88	85		98	92	88	84		90	86	83		88	85	82		86	84	81
5	96	88	83	79		94	88	83	79		86	82	78		84	81	78		83	80	77
6	92	84	79	75		91	83	78	75		82	78	74		81	77	74		79	76	73
7	88	80	75	71		87	79	74	71		78	74	71		77	73	70		76	73	70
8	85	76	71	68		84	76	71	67		75	70	67		74	70	67		73	69	67
9	82	73	68	64		81	73	68	64		72	67	64		71	67	64		70	66	64
10	78	70	65	62		78	70	65	62		69	64	61		68	64	61		67	64	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57517
5°	55844
10°	50678
15°	41862
20°	30196
25°	18678
30°	10103
35°	5220
40°	2834
45°	1582
50°	785
55°	612
60°	526
65°	519
70°	513
75°	508
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.4	18.0
10°-20°	50.2	38.6
20°-30°	35.8	27.6
30°-40°	13.2	10.1
40°-50°	4.1	3.2
50°-60°	1.5	1.1
60°-70°	1.0	0.8
70°-80°	0.6	0.5
80°-90°	0.1	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°	109.5	84.2
0°-40°	122.6	94.4
0°-60°	128.2	98.7
0°-90°	130.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	130.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	262	
5°	254	23
15°	184	50
25°	77	36
35°	20	13
45°	5	4
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	262.3
2.5°	260.3
5°	253.7
7.5°	242.8
10°	227.6
12.5°	208.3
15°	184.4
17.5°	157.7
20°	129.4
22.5°	101.7
25°	77.2
27.5°	56.7
30°	39.9
32.5°	28.0
35°	19.5
37.5°	13.8
40°	9.9
42.5°	7.1
45°	5.1
47.5°	3.5
50°	2.3
52.5°	1.7
55°	1.6
57.5°	1.5
60°	1.2
62.5°	1.1
65°	1.0
67.5°	0.9
70°	0.8
72.5°	0.7
75°	0.6
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)