

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: P1248474

Luminaire Tested: P3AS05R309027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248474
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

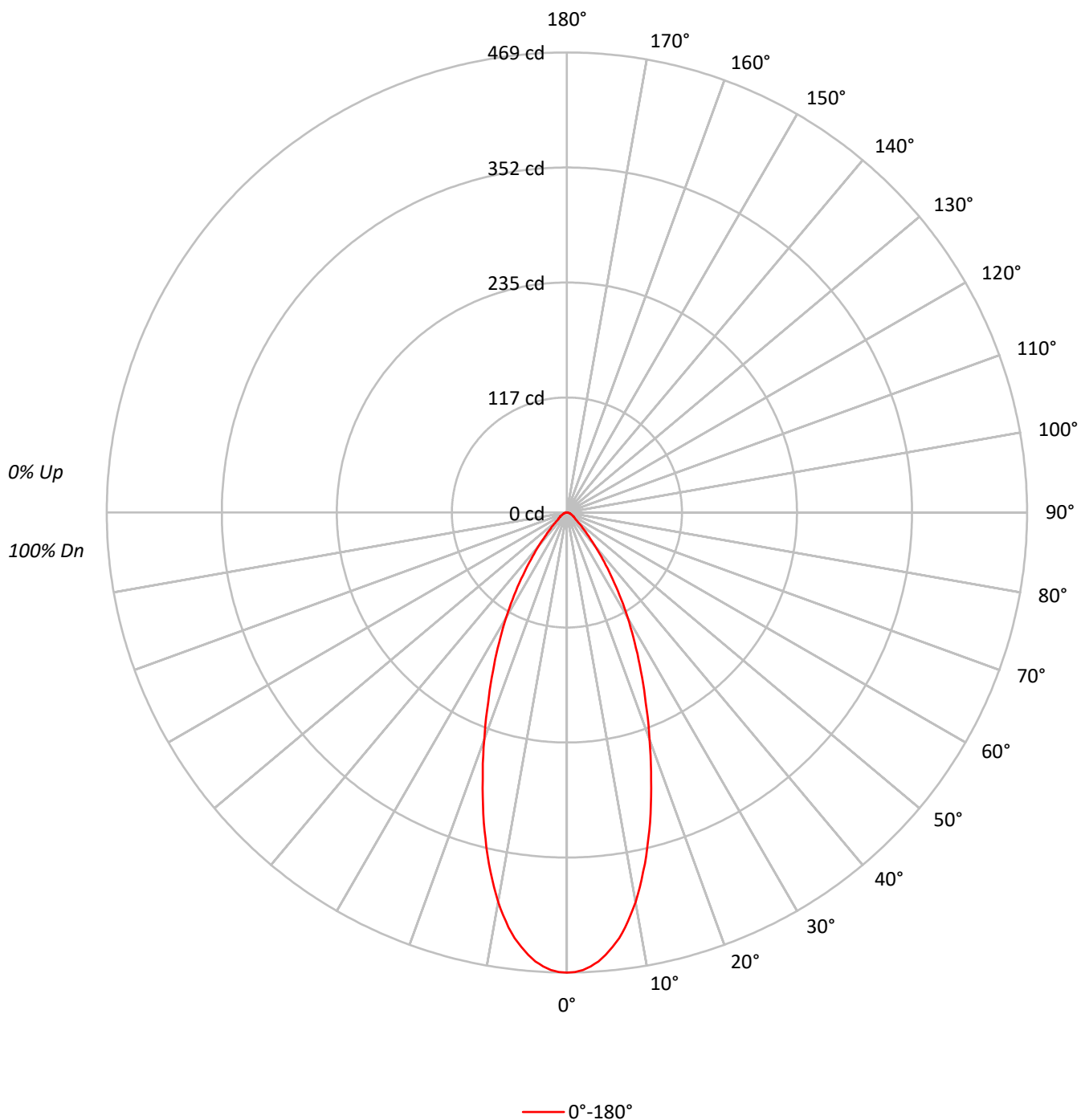
Lumens per Lamp: N/A
Luminaire Lumens: 301.0 lumens
Efficiency: N/A
Efficacy: 41.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

TEST NUMBER: P1248474

CATALOG NUMBER: P3AS05R309027DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1248474

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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	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102865
5°	99648
10°	89800
15°	74280
20°	57498
25°	43140
30°	31321
35°	20853
40°	12824
45°	7536
50°	4605
55°	3747
60°	3289
65°	2646
70°	2372
75°	2372
80°	1768
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7536 cd/sqm

TEST NUMBER: P1248474

CATALOG NUMBER: P3AS05R309027DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.6	13.8
10°-20°	90.1	29.9
20°-30°	82.0	27.2
30°-40°	49.6	16.5
40°-50°	19.9	6.6
50°-60°	8.8	2.9
60°-70°	5.3	1.8
70°-80°	2.9	1.0
80°-90°	0.8	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°	213.7	71.0
0°-40°	263.3	87.5
0°-60°	292.0	97.0
0°-90°	301.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	301.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	469	
5°	453	42
15°	327	90
25°	178	82
35°	78	50
45°	24	20
55°	10	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1248474

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CANDELA DISTRIBUTION (FULL):

0°	
0°	469.1
1°	468.6
2°	466.7
3°	463.5
4°	458.8
5°	452.7
6°	445.3
7°	437.3
8°	427.1
9°	415.4
10°	403.3
11°	389.3
12°	374.3
13°	359.4
14°	343.0
15°	327.2
17.5°	285.6
20°	246.4
22.5°	210.0
25°	178.3
27.5°	149.4
30°	123.7
32.5°	99.9
35°	77.9
37.5°	59.7
40°	44.8
42.5°	32.7
45°	24.3
47.5°	18.2
50°	13.5
52.5°	10.7
55°	9.8
57.5°	8.4
60°	7.5
62.5°	6.1
65°	5.1
67.5°	4.7
70°	3.7
72.5°	3.3
75°	2.8
77.5°	2.3
80°	1.4
82.5°	0.9
85°	0.9
87.5°	0.5



TEST NUMBER: P1248474

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)