

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: P1275805

Luminaire Tested: P3AS09R409835DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275805
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: P3AS09R409835DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

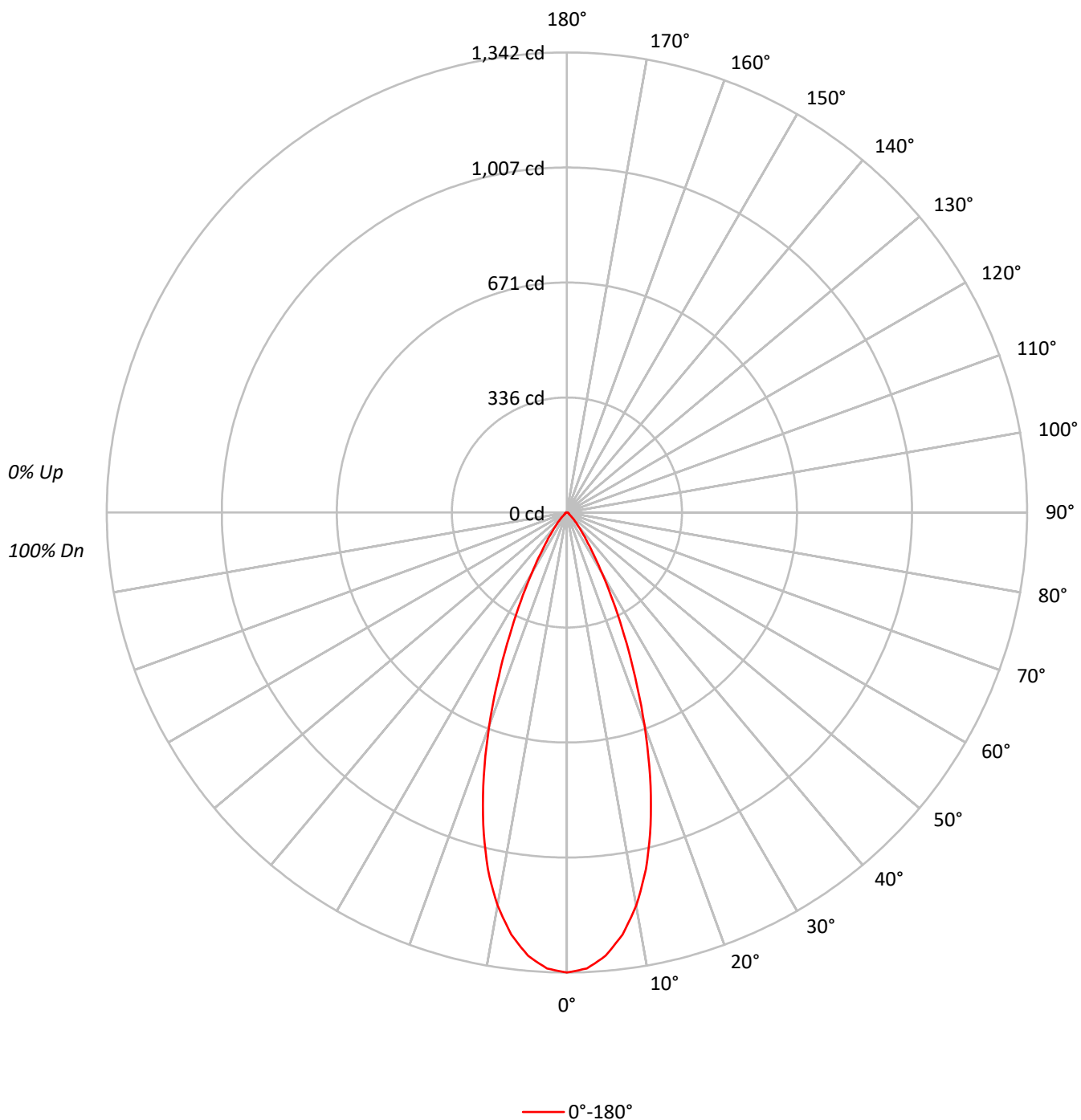
Lumens per Lamp: N/A
Luminaire Lumens: 665.0 lumens
Efficiency: N/A
Efficacy: 60.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1275805

CATALOG NUMBER: P3AS09R409835DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1275805

CATALOG NUMBER: P3AS09R409835DE010 E3DL1LI

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	294253
5°	285714
10°	259269
15°	214190
20°	154503
25°	95570
30°	51729
35°	26742
40°	14542
45°	8156
50°	4094
55°	3058
60°	2763
65°	2646
70°	2565
75°	2457
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8156 cd/sqm

TEST NUMBER: P1275805

CATALOG NUMBER: P3AS09R409835DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.6	18.0
10°-20°	256.9	38.6
20°-30°	183.4	27.6
30°-40°	67.5	10.2
40°-50°	21.3	3.2
50°-60°	7.4	1.1
60°-70°	5.1	0.8
70°-80°	3.0	0.5
80°-90°	0.9	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°	559.9	84.2
0°-40°	627.4	94.3
0°-60°	656.1	98.7
0°-90°	665.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	665.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1342	
5°	1298	120
15°	944	257
25°	395	183
35°	100	68
45°	26	21
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1275805

CATALOG NUMBER: P3AS09R409835DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1341.9
2.5°	1331.6
5°	1298.0
7.5°	1242.0
10°	1164.4
12.5°	1065.7
15°	943.5
17.5°	806.5
20°	662.1
22.5°	520.0
25°	395.0
27.5°	290.0
30°	204.3
32.5°	143.3
35°	99.9
37.5°	70.8
40°	50.8
42.5°	36.5
45°	26.3
47.5°	17.7
50°	12.0
52.5°	8.6
55°	8.0
57.5°	7.4
60°	6.3
62.5°	5.7
65°	5.1
67.5°	4.6
70°	4.0
72.5°	3.4
75°	2.9
77.5°	2.3
80°	1.7
82.5°	1.1
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)