

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: P1248874

Luminaire Tested: P3AS09R359027DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248874
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359027DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

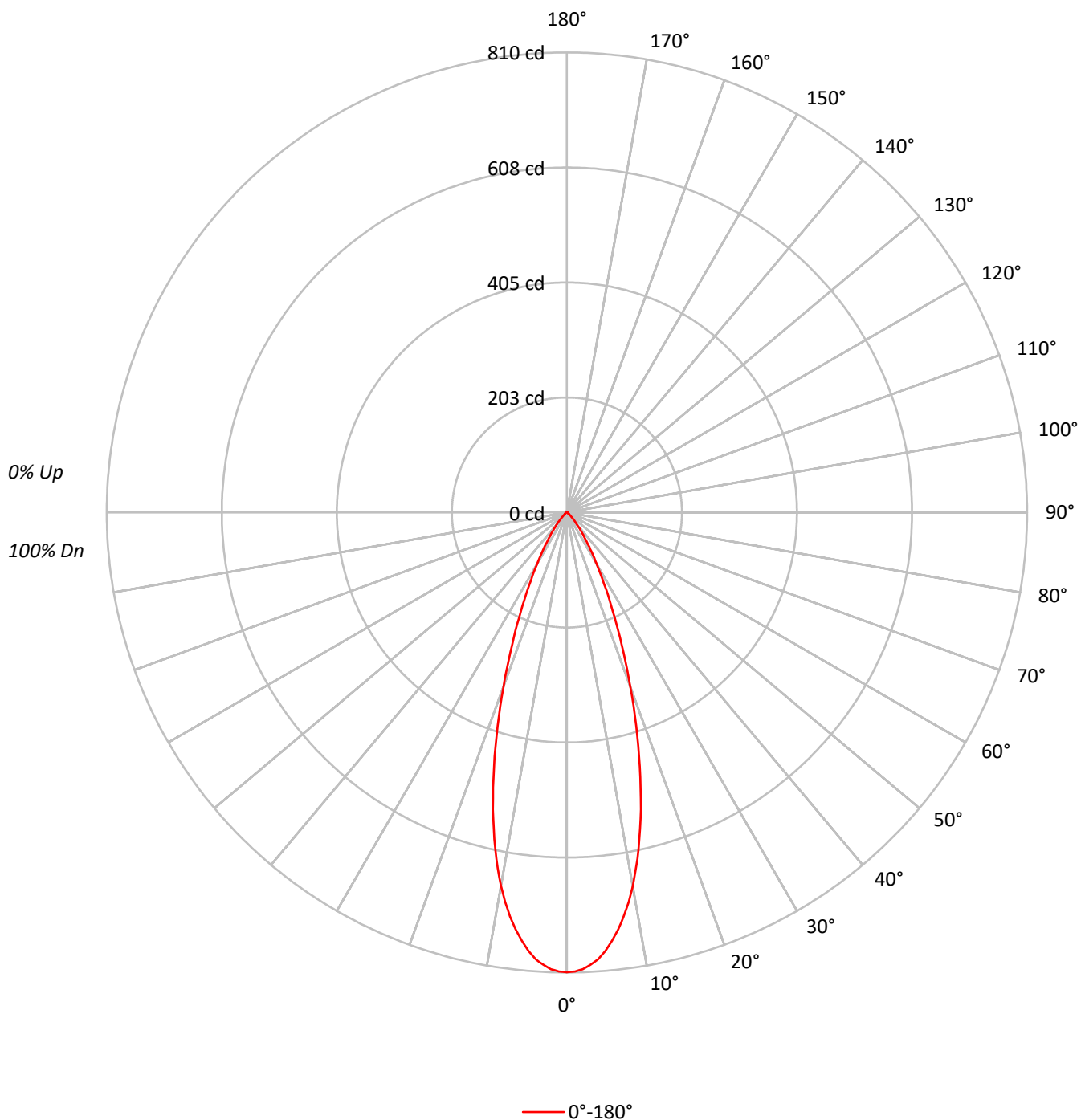
Lumens per Lamp: N/A
Luminaire Lumens: 352.0 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1248874

CATALOG NUMBER: P3AS09R359027DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1248874

CATALOG NUMBER: P3AS09R359027DE010 E3DL1GPH

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	109	107		112	109	107	106		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	93	91
3	105	99	95	91		103	98	94	90		95	92	89		93	90	88		91	88	86
4	100	94	89	85		99	93	88	85		91	87	84		89	85	83		87	84	82
5	96	89	84	80		95	88	83	80		86	82	79		85	81	78		83	80	78
6	92	85	80	76		91	84	79	76		83	78	75		81	77	75		80	77	74
7	89	81	76	72		88	80	75	72		79	75	71		78	74	71		77	73	71
8	85	77	72	69		84	77	72	69		76	71	68		75	71	68		74	70	68
9	82	74	69	66		81	74	69	65		73	68	65		72	68	65		71	68	65
10	79	71	66	63		78	71	66	63		70	66	63		69	65	62		69	65	62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	177530
5°	170614
10°	148650
15°	113871
20°	76190
25°	46091
30°	26460
35°	14777
40°	7872
45°	4062
50°	1944
55°	1529
60°	1447
65°	1193
70°	1282
75°	1101
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4062 cd/sqm

TEST NUMBER: P1248874

CATALOG NUMBER: P3AS09R359027DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.5	20.0
10°-20°	136.7	38.8
20°-30°	89.5	25.4
30°-40°	36.3	10.3
40°-50°	10.9	3.1
50°-60°	3.7	1.1
60°-70°	2.5	0.7
70°-80°	1.5	0.4
80°-90°	0.5	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°	296.7	84.3
0°-40°	333.0	94.6
0°-60°	347.6	98.8
0°-90°	352.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	352.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	810	
5°	775	71
15°	502	137
25°	190	89
35°	55	36
45°	13	11
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1248874

CATALOG NUMBER: P3AS09R359027DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	809.6
1°	808.3
2°	804.6
3°	797.2
4°	788.5
5°	775.1
6°	758.4
7°	739.6
8°	718.5
9°	694.4
10°	667.6
11°	637.9
12°	606.7
13°	571.9
14°	538.7
15°	501.6
17.5°	411.5
20°	326.5
22.5°	251.1
25°	190.5
27.5°	142.0
30°	104.5
32.5°	76.7
35°	55.2
37.5°	39.2
40°	27.5
42.5°	19.1
45°	13.1
47.5°	8.7
50°	5.7
52.5°	4.4
55°	4.0
57.5°	3.7
60°	3.3
62.5°	3.0
65°	2.3
67.5°	2.0
70°	2.0
72.5°	1.7
75°	1.3
77.5°	1.0
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3



TEST NUMBER: P1248874

CATALOG NUMBER: P3AS09R359027DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)