

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: P1254241

Luminaire Tested: P3AS09R259035DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254241
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259035DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

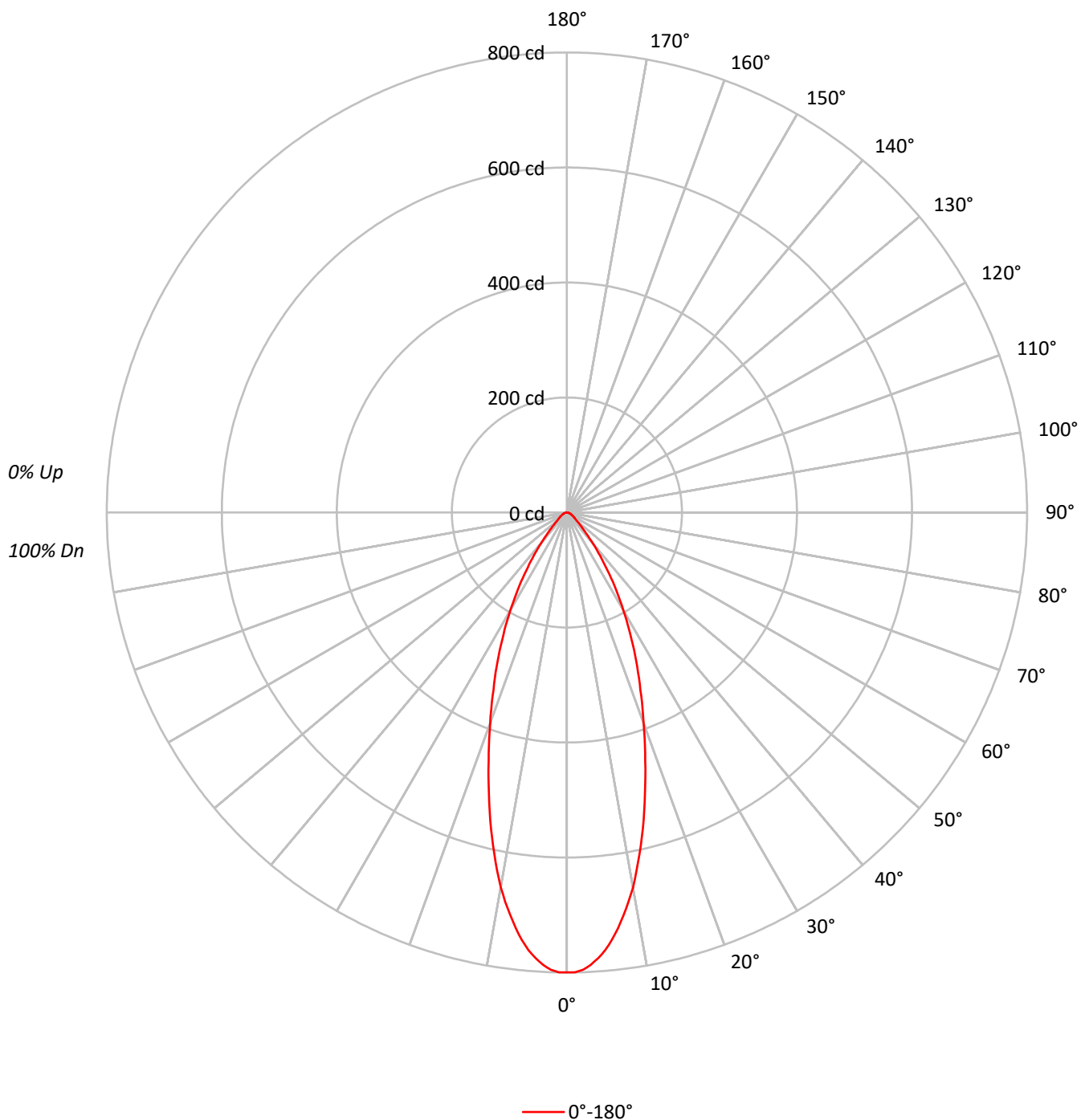
Lumens per Lamp: N/A
Luminaire Lumens: 483.0 lumens
Efficiency: N/A
Efficacy: 43.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1254241

CATALOG NUMBER: P3AS09R259035DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1254241

CATALOG NUMBER: P3AS09R259035DE010 E3DLP1H

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	101		100	99	98		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	86	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	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	175359
5°	168236
10°	147381
15°	118457
20°	91031
25°	68859
30°	49754
35°	33060
40°	20038
45°	11660
50°	7437
55°	6040
60°	5263
65°	4670
70°	3847
75°	3813
80°	2904
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11660 cd/sqm

TEST NUMBER: P1254241

CATALOG NUMBER: P3AS09R259035DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.6	14.4
10°-20°	144.3	29.9
20°-30°	130.5	27.0
30°-40°	78.4	16.2
40°-50°	31.1	6.4
50°-60°	14.4	3.0
60°-70°	8.7	1.8
70°-80°	4.7	1.0
80°-90°	1.3	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°	344.4	71.3
0°-40°	422.7	87.5
0°-60°	468.2	96.9
0°-90°	483.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	483.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	800	
5°	764	70
15°	522	144
25°	285	130
35°	124	78
45°	38	31
55°	16	14
65°	9	9
75°	4	5
85°	2	1
90°	0	

TEST NUMBER: P1254241

CATALOG NUMBER: P3AS09R259035DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	799.7
1°	799.7
2°	795.9
3°	787.6
4°	777.1
5°	764.3
6°	747.7
7°	728.9
8°	707.1
9°	685.2
10°	661.9
11°	634.8
12°	606.9
13°	579.1
14°	551.2
15°	521.8
17.5°	452.6
20°	390.1
22.5°	333.6
25°	284.6
27.5°	238.7
30°	196.5
32.5°	158.1
35°	123.5
37.5°	94.1
40°	70.0
42.5°	51.2
45°	37.6
47.5°	28.6
50°	21.8
52.5°	18.1
55°	15.8
57.5°	13.6
60°	12.0
62.5°	9.8
65°	9.0
67.5°	7.5
70°	6.0
72.5°	5.3
75°	4.5
77.5°	3.8
80°	2.3
82.5°	1.5
85°	1.5
87.5°	0.8



TEST NUMBER: P1254241

CATALOG NUMBER: P3AS09R259035DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)