

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: P1259943

Luminaire Tested: P3AS13R259050DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259943
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: P3AS13R259050DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

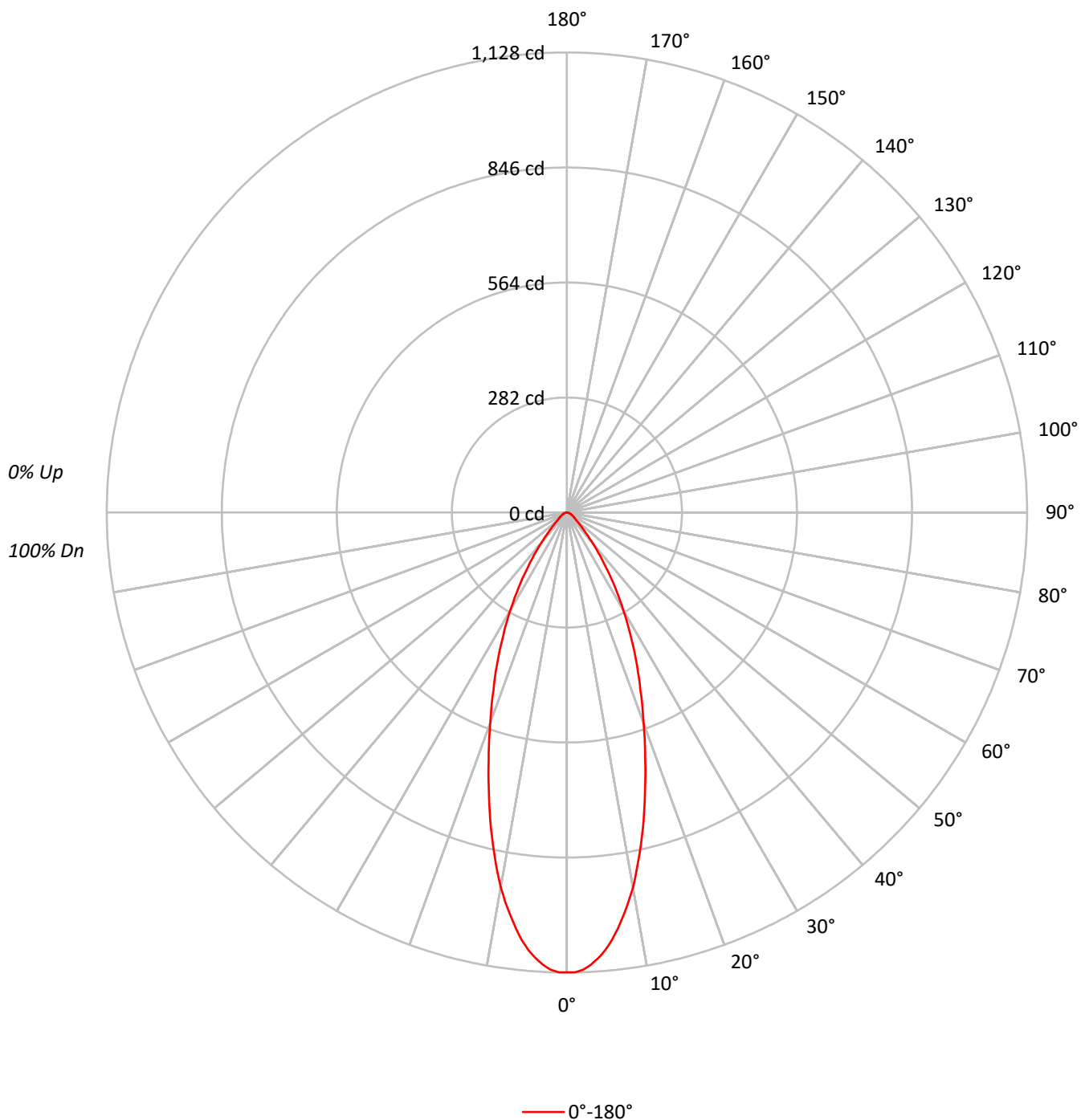
Lumens per Lamp: N/A
Luminaire Lumens: 681.0 lumens
Efficiency: N/A
Efficacy: 46.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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

TEST NUMBER: P1259943

CATALOG NUMBER: P3AS13R259050DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1259943

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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	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°	247239
5°	237199
10°	207790
15°	167016
20°	128344
25°	97094
30°	70163
35°	46605
40°	28253
45°	16467
50°	10507
55°	8525
60°	7456
65°	6590
70°	5450
75°	5422
80°	4041
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16467 cd/sqm

TEST NUMBER: P1259943

CATALOG NUMBER: P3AS13R259050DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.1	14.4
10°-20°	203.5	29.9
20°-30°	184.0	27.0
30°-40°	110.5	16.2
40°-50°	43.9	6.4
50°-60°	20.3	3.0
60°-70°	12.3	1.8
70°-80°	6.6	1.0
80°-90°	1.9	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°	485.5	71.3
0°-40°	596.1	87.5
0°-60°	660.2	96.9
0°-90°	681.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	681.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1128	
5°	1078	98
15°	736	203
25°	401	184
35°	174	111
45°	53	44
55°	22	20
65°	13	12
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1259943

CATALOG NUMBER: P3AS13R259050DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1127.5
1°	1127.5
2°	1122.2
3°	1110.5
4°	1095.7
5°	1077.6
6°	1054.3
7°	1027.7
8°	996.9
9°	966.1
10°	933.2
11°	895.0
12°	855.7
13°	816.4
14°	777.2
15°	735.7
17.5°	638.1
20°	550.0
22.5°	470.3
25°	401.3
27.5°	336.6
30°	277.1
32.5°	223.0
35°	174.1
37.5°	132.7
40°	98.7
42.5°	72.2
45°	53.1
47.5°	40.3
50°	30.8
52.5°	25.5
55°	22.3
57.5°	19.1
60°	17.0
62.5°	13.8
65°	12.7
67.5°	10.6
70°	8.5
72.5°	7.4
75°	6.4
77.5°	5.3
80°	3.2
82.5°	2.1
85°	2.1
87.5°	1.1



TEST NUMBER: P1259943

CATALOG NUMBER: P3AS13R259050DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)