

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: P1249221

Luminaire Tested: P3AS13R259027DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249221
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259027DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

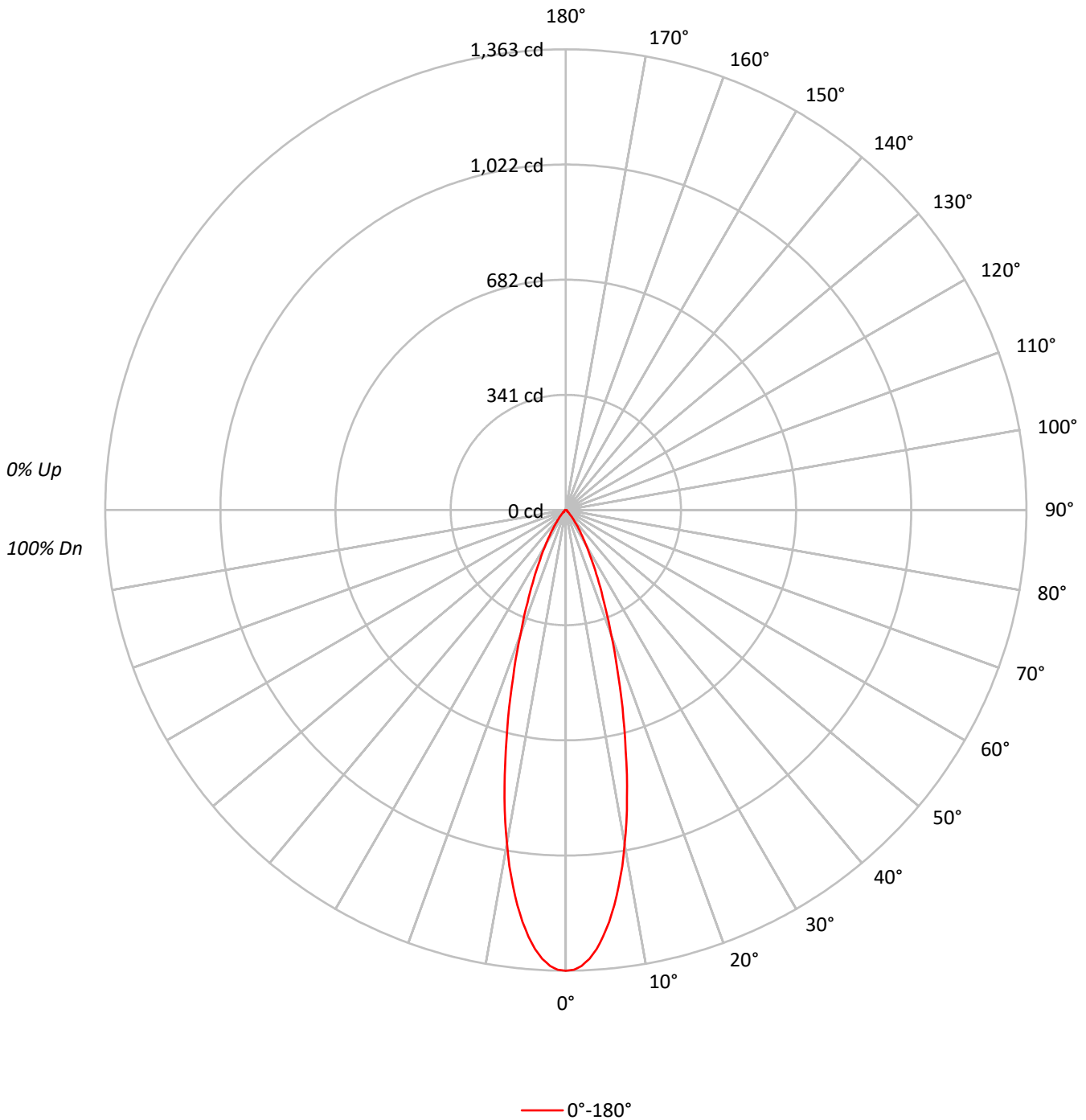
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 466.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
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: P1249221
CATALOG NUMBER: P3AS13R259027DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1249221

CATALOG NUMBER: P3AS13R259027DE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	92	92	92	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	87	87	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	83	83	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	79	79	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	76	76	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	73	73	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	67	67	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	65	65	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	298923
5°	278890
10°	223420
15°	151647
20°	91755
25°	53664
30°	30562
35°	16811
40°	8931
45°	4683
50°	2729
55°	2026
60°	1754
65°	1868
70°	1731
75°	1525
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4683 cd/sqm



TEST NUMBER: P1249221
 CATALOG NUMBER: P3AS13R259027DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.4	24.1
10°-20°	183.7	39.4
20°-30°	104.9	22.5
30°-40°	41.4	8.9
40°-50°	12.7	2.7
50°-60°	5.0	1.1
60°-70°	3.4	0.7
70°-80°	1.9	0.4
80°-90°	0.6	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°	401.0	86.1
0°-40°	442.4	95.0
0°-60°	460.1	98.7
0°-90°	466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	466.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1363	
5°	1267	112
15°	668	184
25°	222	105
35°	63	41
45°	15	13
55°	5	5
65°	4	3
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1249221
CATALOG NUMBER: P3AS13R259027DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1363.2
1°	1360.5
2°	1349.4
3°	1329.8
4°	1302.6
5°	1267.0
6°	1225.1
7°	1177.9
8°	1123.2
9°	1067.0
10°	1003.4
11°	940.6
12°	871.5
13°	803.4
14°	733.5
15°	668.0
17.5°	517.9
20°	393.2
22.5°	295.3
25°	221.8
27.5°	164.3
30°	120.7
32.5°	87.3
35°	62.8
37.5°	44.5
40°	31.2
42.5°	21.4
45°	15.1
47.5°	10.7
50°	8.0
52.5°	6.2
55°	5.3
57.5°	4.9
60°	4.0
62.5°	3.6
65°	3.6
67.5°	3.1
70°	2.7
72.5°	2.2
75°	1.8
77.5°	1.3
80°	0.9
82.5°	0.9
85°	0.4
87.5°	0.4



TEST NUMBER: P1249221
CATALOG NUMBER: P3AS13R259027DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)