

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: P1267407

Luminaire Tested: P3AS13R259735DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267407
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: P3AS13R259735DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

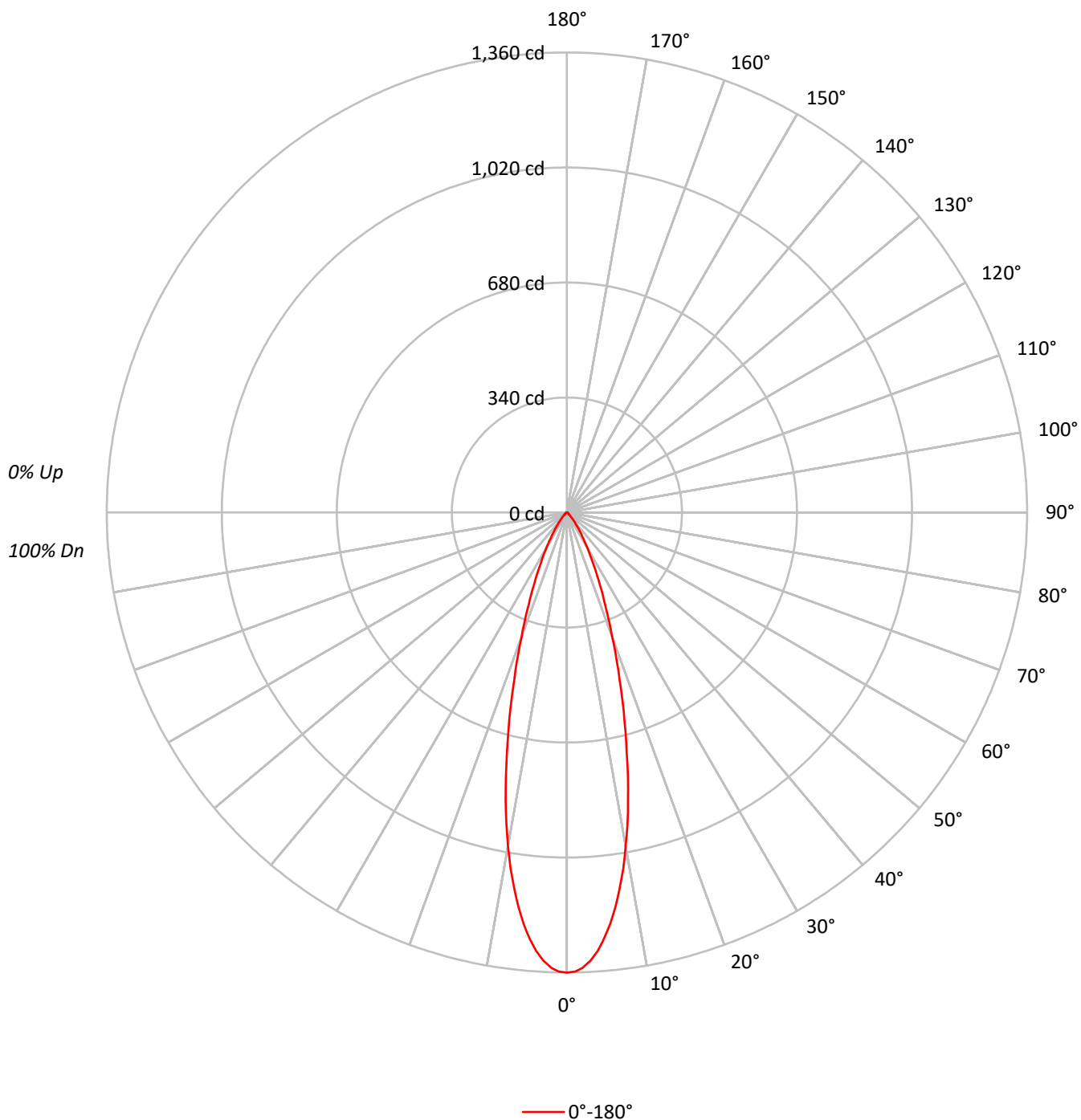
Lumens per Lamp: N/A
Luminaire Lumens: 465.0 lumens
Efficiency: N/A
Efficacy: 31.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267407

CATALOG NUMBER: P3AS13R259735DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1267407

CATALOG NUMBER: P3AS13R259735DE010 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	298288
5°	278296
10°	222931
15°	151329
20°	91568
25°	53543
30°	30486
35°	16784
40°	8902
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: P1267407

CATALOG NUMBER: P3AS13R259735DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.2	24.1
10°-20°	183.3	39.4
20°-30°	104.7	22.5
30°-40°	41.3	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°	400.2	86.1
0°-40°	441.5	94.9
0°-60°	459.1	98.7
0°-90°	465.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	465.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1360	
5°	1264	112
15°	667	183
25°	221	105
35°	63	41
45°	15	13
55°	5	5
65°	4	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1267407

CATALOG NUMBER: P3AS13R259735DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1360.3
1°	1357.6
2°	1346.5
3°	1326.9
4°	1299.8
5°	1264.3
6°	1222.5
7°	1175.4
8°	1120.7
9°	1064.7
10°	1001.2
11°	938.5
12°	869.7
13°	801.7
14°	731.9
15°	666.6
17.5°	516.8
20°	392.4
22.5°	294.6
25°	221.3
27.5°	164.0
30°	120.4
32.5°	87.1
35°	62.7
37.5°	44.4
40°	31.1
42.5°	21.3
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: P1267407

CATALOG NUMBER: P3AS13R259735DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)