

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: P1276056

Luminaire Tested: P3AS13R259835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276056
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: P3AS13R259835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

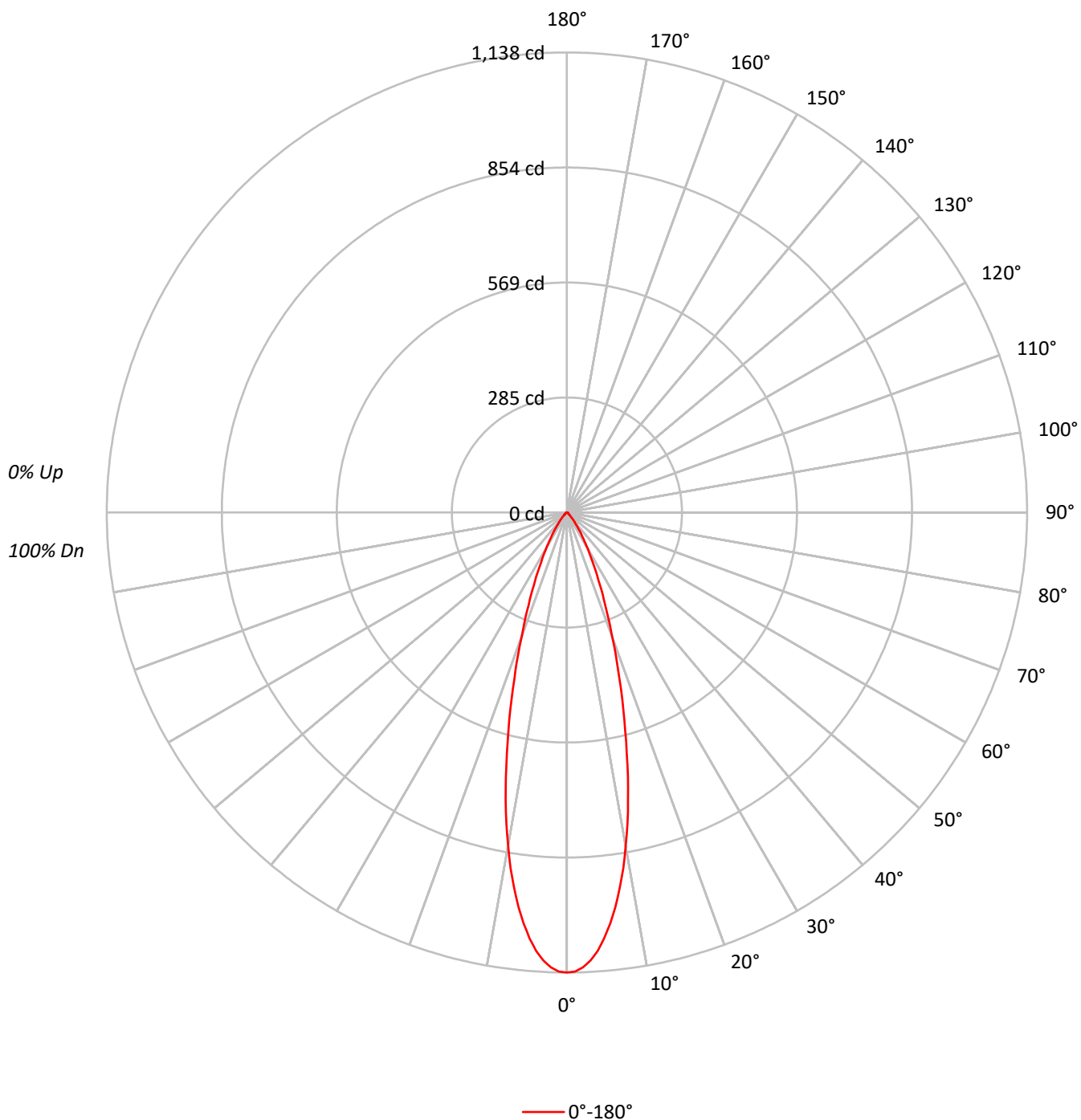
Lumens per Lamp: N/A
Luminaire Lumens: 389.0 lumens
Efficiency: N/A
Efficacy: 26.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1276056

CATALOG NUMBER: P3AS13R259835DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1276056

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	249519
5°	232797
10°	186503
15°	126584
20°	76610
25°	44785
30°	25498
35°	14027
40°	7443
45°	3907
50°	2286
55°	1720
60°	1447
65°	1557
70°	1410
75°	1271
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3907 cd/sqm

TEST NUMBER: P1276056

CATALOG NUMBER: P3AS13R259835DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.9	24.1
10°-20°	153.3	39.4
20°-30°	87.6	22.5
30°-40°	34.6	8.9
40°-50°	10.6	2.7
50°-60°	4.2	1.1
60°-70°	2.8	0.7
70°-80°	1.6	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°	334.8	86.1
0°-40°	369.3	94.9
0°-60°	384.1	98.7
0°-90°	389.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	389.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1138	
5°	1058	94
15°	558	153
25°	185	88
35°	52	35
45°	13	11
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1276056

CATALOG NUMBER: P3AS13R259835DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1137.9
1°	1135.7
2°	1126.4
3°	1110.1
4°	1087.4
5°	1057.6
6°	1022.7
7°	983.3
8°	937.6
9°	890.7
10°	837.6
11°	785.1
12°	727.5
13°	670.6
14°	612.3
15°	557.6
17.5°	432.4
20°	328.3
22.5°	246.5
25°	185.1
27.5°	137.2
30°	100.7
32.5°	72.9
35°	52.4
37.5°	37.2
40°	26.0
42.5°	17.8
45°	12.6
47.5°	8.9
50°	6.7
52.5°	5.2
55°	4.5
57.5°	4.1
60°	3.3
62.5°	3.0
65°	3.0
67.5°	2.6
70°	2.2
72.5°	1.9
75°	1.5
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.4



TEST NUMBER: P1276056

CATALOG NUMBER: P3AS13R259835DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)