

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: P1276065

Luminaire Tested: P3AS13R259835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276065
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

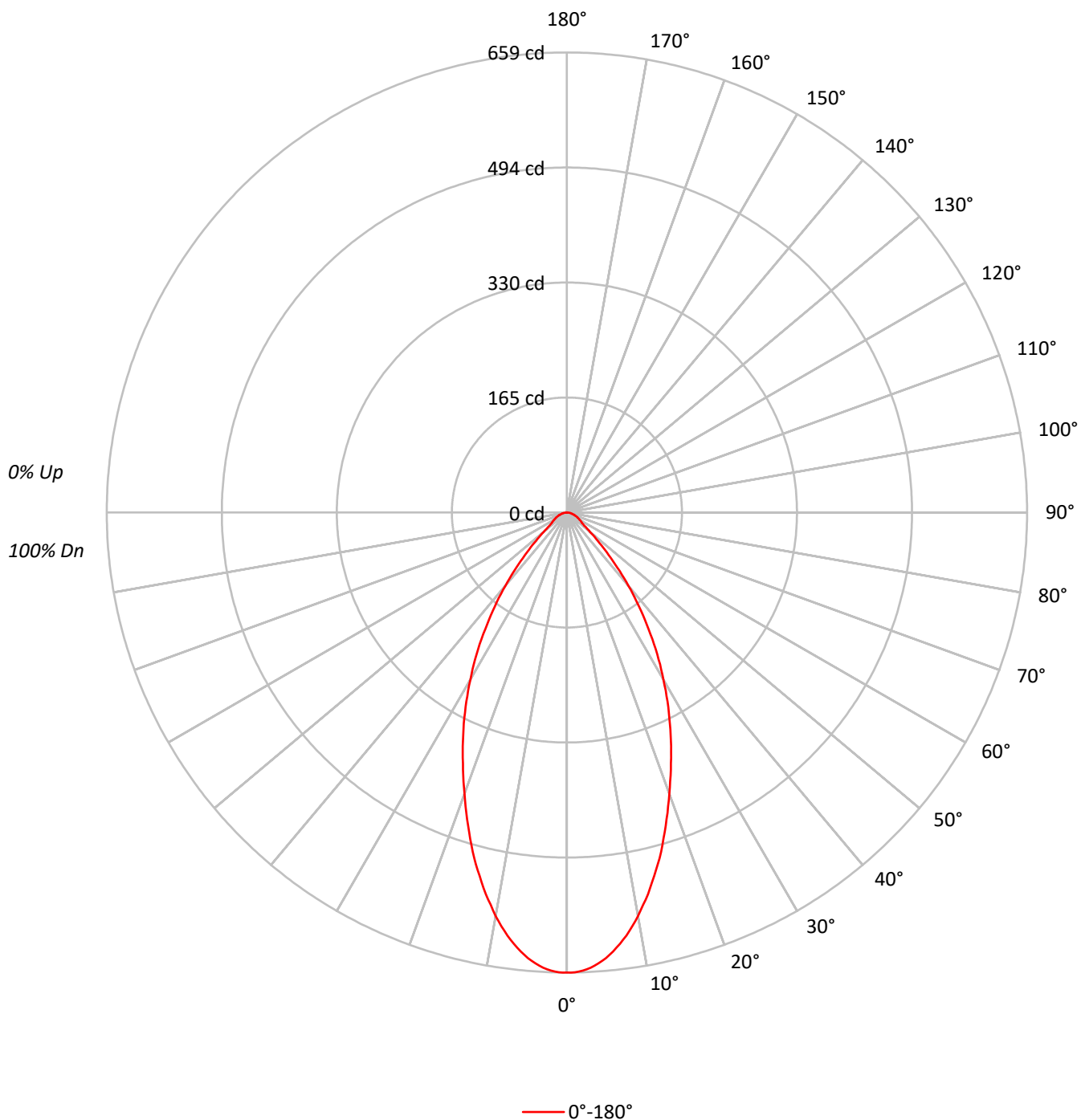
Lumens per Lamp: N/A
Luminaire Lumens: 608.0 lumens
Efficiency: N/A
Efficacy: 41.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276065

CATALOG NUMBER: P3AS13R259835DE010 E3DLD1MW

Luminous Intensity Polar Plot



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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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144506
5°	141052
10°	130703
15°	116414
20°	100039
25°	85045
30°	70011
35°	54556
40°	39245
45°	24902
50°	14737
55°	10131
60°	9298
65°	8665
70°	7758
75°	7032
80°	6693
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24902 cd/sqm

TEST NUMBER: P1276065

CATALOG NUMBER: P3AS13R259835DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.4	9.8
10°-20°	142.4	23.4
20°-30°	160.8	26.5
30°-40°	127.2	20.9
40°-50°	64.3	10.6
50°-60°	25.7	4.2
60°-70°	16.5	2.7
70°-80°	9.1	1.5
80°-90°	2.6	0.4
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°	362.6	59.6
0°-40°	489.9	80.6
0°-60°	579.9	95.4
0°-90°	608.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	608.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	659	
5°	641	59
15°	513	142
25°	352	161
35°	204	127
45°	80	64
55°	26	26
65°	17	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	659.0
1°	659.0
2°	656.7
3°	652.9
4°	647.6
5°	640.8
6°	632.5
7°	622.6
8°	612.0
9°	599.9
10°	587.0
11°	572.6
12°	559.0
13°	543.1
14°	527.9
15°	512.8
17.5°	470.4
20°	428.7
22.5°	389.3
25°	351.5
27.5°	314.3
30°	276.5
32.5°	240.9
35°	203.8
37.5°	169.7
40°	137.1
42.5°	106.8
45°	80.3
47.5°	59.8
50°	43.2
52.5°	32.6
55°	26.5
57.5°	24.2
60°	21.2
62.5°	18.9
65°	16.7
67.5°	14.4
70°	12.1
72.5°	10.6
75°	8.3
77.5°	6.8
80°	5.3
82.5°	3.8
85°	2.3
87.5°	0.8



TEST NUMBER: P1276065
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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)