

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: P1287099

Luminaire Tested: P3AS13R259030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287099
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: P3AS13R259030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

Summary

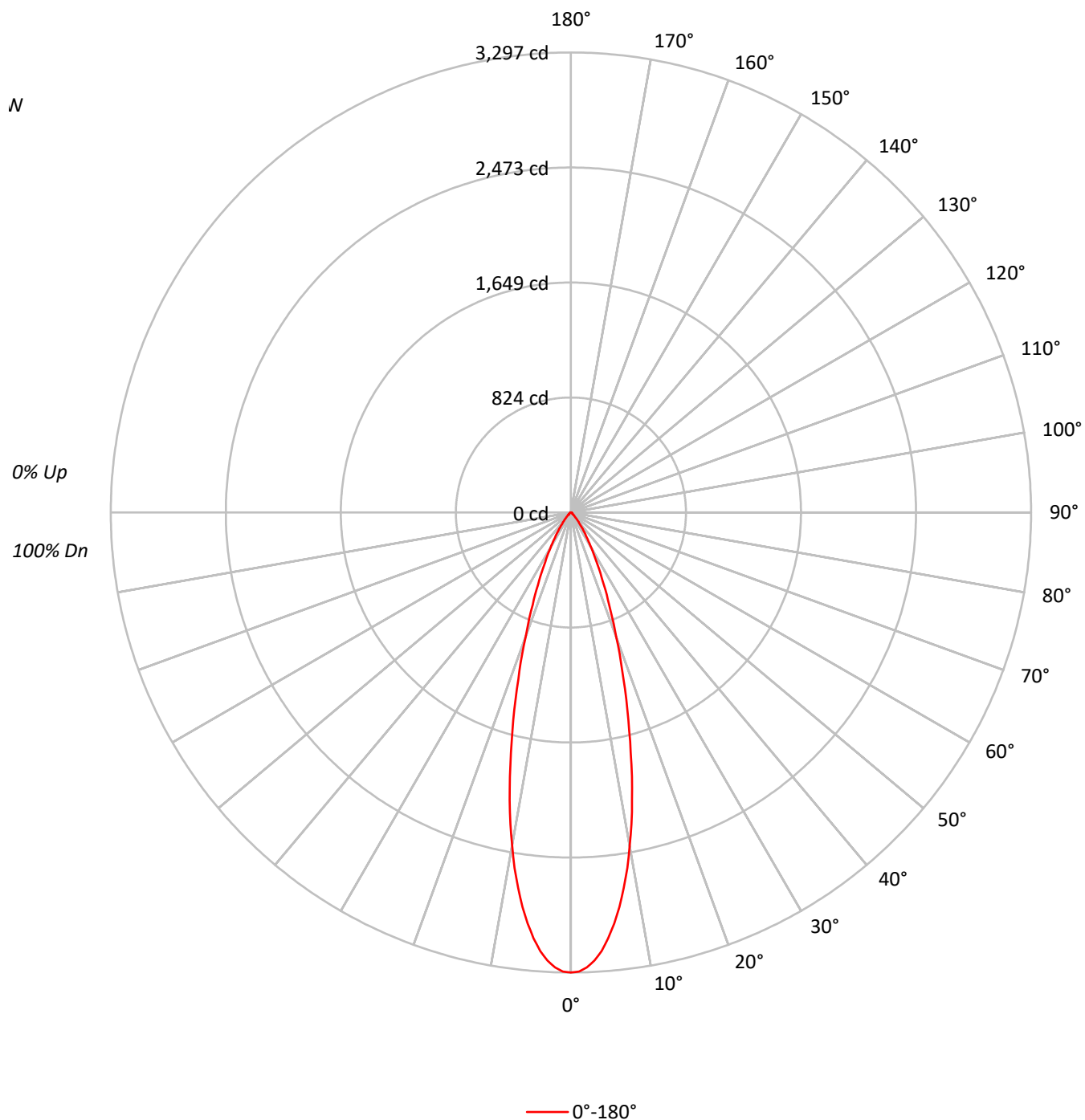
Lumens per Lamp: N/A
Luminaire Lumens: 1127.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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

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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	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°	722925
5°	674486
10°	540315
15°	366767
20°	221919
25°	129782
30°	73910
35°	40662
40°	21583
45°	11350
50°	6618
55°	4932
60°	4254
65°	4462
70°	4167
75°	3643
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	271.9	24.1
10°-20°	444.2	39.4
20°-30°	253.8	22.5
30°-40°	100.2	8.9
40°-50°	30.7	2.7
50°-60°	12.1	1.1
60°-70°	8.1	0.7
70°-80°	4.5	0.4
80°-90°	1.5	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°	969.9	86.1
0°-40°	1070.0	94.9
0°-60°	1112.9	98.7
0°-90°	1127.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1127.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3297	
5°	3064	272
15°	1616	444
25°	536	254
35°	152	100
45°	37	31
55°	13	12
65°	9	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3296.8
1°	3290.4
2°	3263.4
3°	3216.0
4°	3150.3
5°	3064.2
6°	2962.9
7°	2848.8
8°	2716.3
9°	2580.6
10°	2426.6
11°	2274.7
12°	2107.8
13°	1943.0
14°	1773.9
15°	1615.6
17.5°	1252.6
20°	951.0
22.5°	714.1
25°	536.4
27.5°	397.4
30°	291.9
32.5°	211.1
35°	151.9
37.5°	107.7
40°	75.4
42.5°	51.7
45°	36.6
47.5°	25.8
50°	19.4
52.5°	15.1
55°	12.9
57.5°	11.8
60°	9.7
62.5°	8.6
65°	8.6
67.5°	7.5
70°	6.5
72.5°	5.4
75°	4.3
77.5°	3.2
80°	2.2
82.5°	2.2
85°	1.1
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)