

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: P1286053

Luminaire Tested: P3AS02R259030D2WDE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286053
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259030D2WDE010 E3CD1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3CD1MI
TRIM
Light Source: -
Ballast/Driver: -

Summary

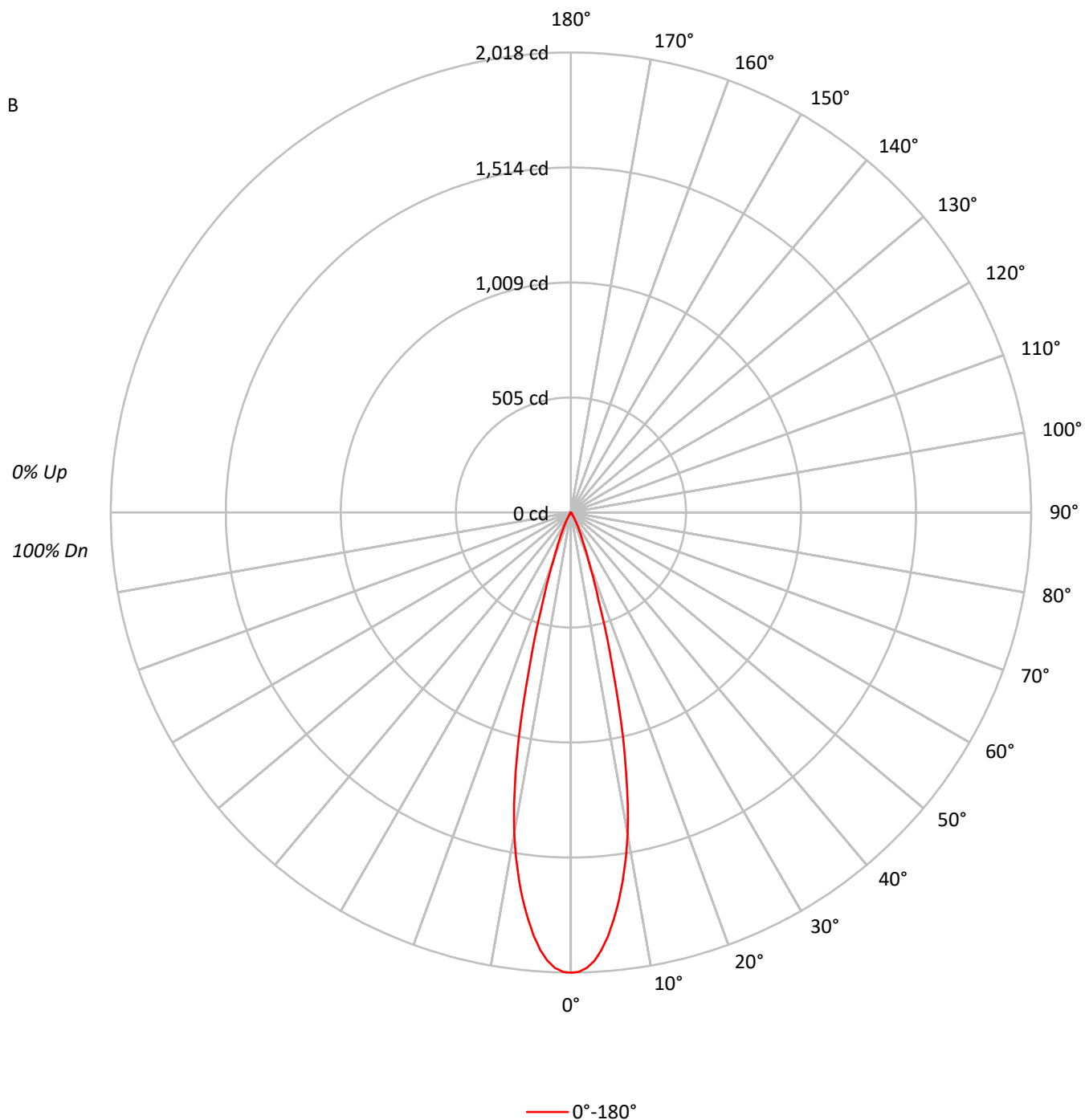
Lumens per Lamp: N/A
Luminaire Lumens: 414.1 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	115	113	111	110	113	111	109	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	88	85	96	91	87	85	90	87	84		89	86	84		88
8	95	89	85	82	94	89	85	82	88	84	82		87	84	82		86
9	93	87	83	80	92	86	83	80	86	82	80		85	82	80		84
10	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	442618
5°	410521
10°	318364
15°	159638
20°	52458
25°	20856
30°	7824
35°	2275
40°	1031
45°	403
50°	341
55°	268
60°	307
65°	363
70°	192
75°	254
80°	379
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 403 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.0	39.6
10°-20°	195.7	47.3
20°-30°	44.1	10.7
30°-40°	7.2	1.7
40°-50°	1.3	0.3
50°-60°	0.7	0.2
60°-70°	0.6	0.2
70°-80°	0.3	0.1
80°-90°	0.0	0.0
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°	403.9	97.5
0°-40°	411.0	99.3
0°-60°	413.1	99.8
0°-90°	414.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	414.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2018	
5°	1865	164
15°	703	196
25°	86	44
35°	8	7
45°	1	1
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2018.5
1°	2015.3
2°	1999.0
3°	1969.1
4°	1923.9
5°	1865.0
6°	1794.8
7°	1718.7
8°	1631.5
9°	1536.2
10°	1429.8
11°	1307.2
12°	1166.0
13°	1018.4
14°	860.0
15°	703.2
17.5°	400.7
20°	224.8
22.5°	135.6
25°	86.2
27.5°	53.0
30°	30.9
32.5°	16.3
35°	8.5
37.5°	5.5
40°	3.6
42.5°	2.3
45°	1.3
47.5°	1.0
50°	1.0
52.5°	1.0
55°	0.7
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)