

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: P1286407

Luminaire Tested: P3AS05R259030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286407
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: P3AS05R259030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

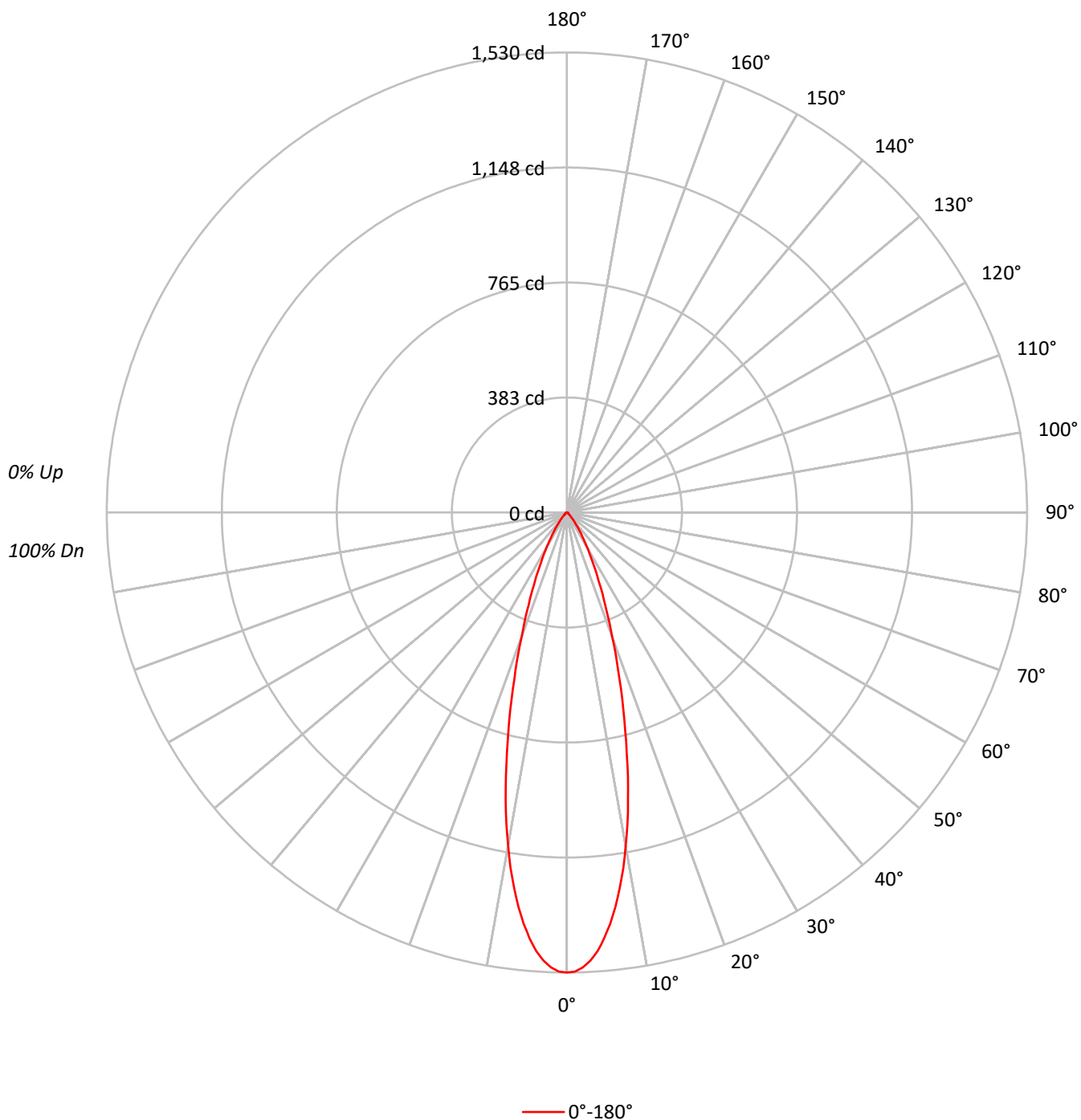
Lumens per Lamp: N/A
Luminaire Lumens: 523.0 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	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°	335478
5°	313008
10°	250741
15°	170194
20°	102979
25°	60221
30°	34284
35°	18872
40°	10019
45°	5272
50°	3070
55°	2294
60°	1974
65°	2075
70°	1923
75°	1694
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5272 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.2	24.1
10°-20°	206.1	39.4
20°-30°	117.8	22.5
30°-40°	46.5	8.9
40°-50°	14.3	2.7
50°-60°	5.6	1.1
60°-70°	3.8	0.7
70°-80°	2.1	0.4
80°-90°	0.7	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°	450.1	86.1
0°-40°	496.6	94.9
0°-60°	516.4	98.7
0°-90°	523.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	523.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1530	
5°	1422	126
15°	750	206
25°	249	118
35°	70	46
45°	17	14
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1529.9
1°	1526.9
2°	1514.4
3°	1492.4
4°	1462.0
5°	1422.0
6°	1375.0
7°	1322.0
8°	1260.5
9°	1197.6
10°	1126.1
11°	1055.6
12°	978.1
13°	901.7
14°	823.2
15°	749.7
17.5°	581.3
20°	441.3
22.5°	331.4
25°	248.9
27.5°	184.4
30°	135.4
32.5°	98.0
35°	70.5
37.5°	50.0
40°	35.0
42.5°	24.0
45°	17.0
47.5°	12.0
50°	9.0
52.5°	7.0
55°	6.0
57.5°	5.5
60°	4.5
62.5°	4.0
65°	4.0
67.5°	3.5
70°	3.0
72.5°	2.5
75°	2.0
77.5°	1.5
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)