

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: P1287509

Luminaire Tested: P3AS17R359030D2WDE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287509
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359030D2WDE010 E3DLD1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

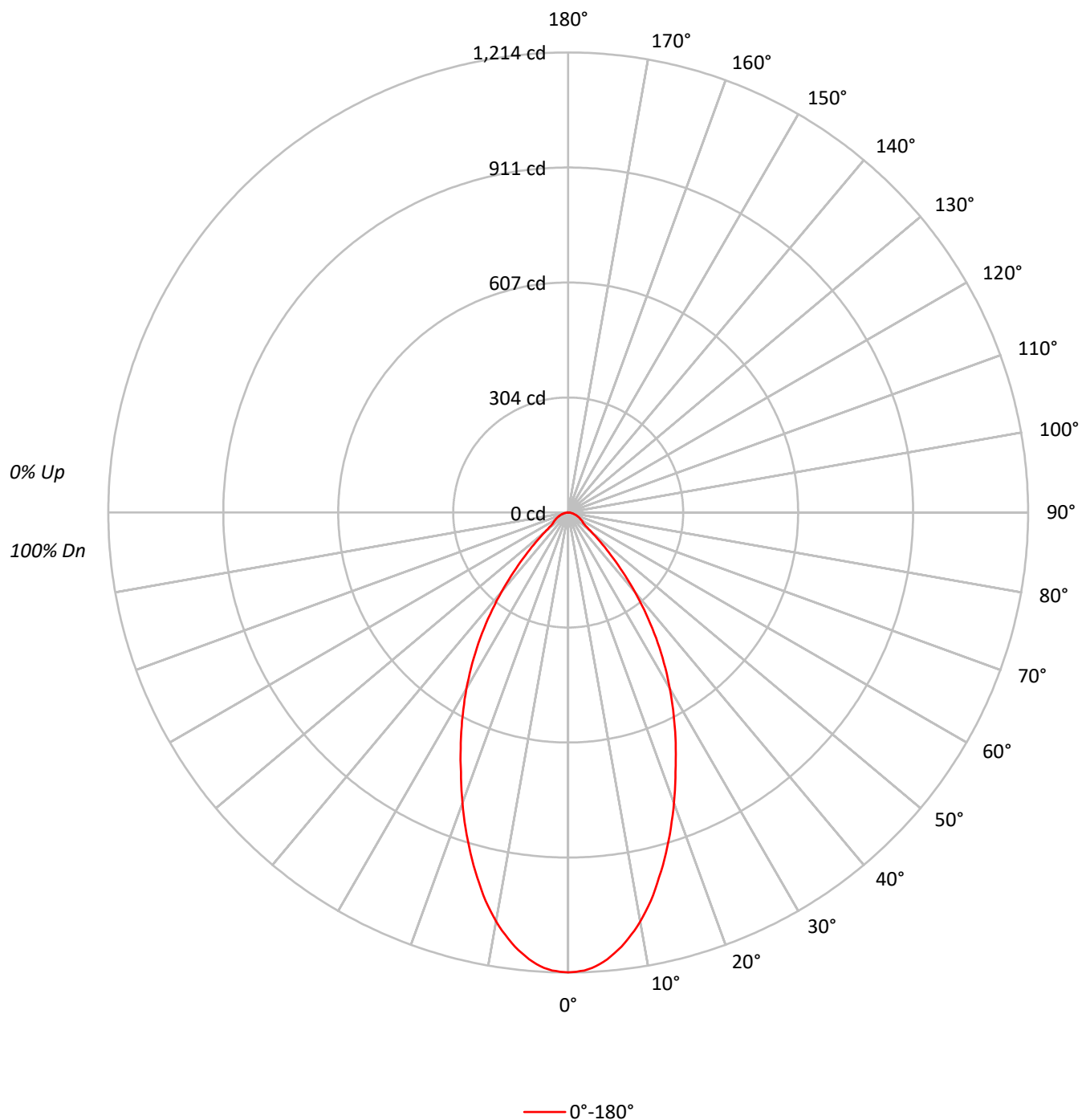
Lumens per Lamp: N/A
Luminaire Lumens: 1165.1 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	266119
5°	260488
10°	243950
15°	218980
20°	190487
25°	162324
30°	135970
35°	108282
40°	78290
45°	49556
50°	27018
55°	18695
60°	17674
65°	16448
70°	15708
75°	13386
80°	12754
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 49556 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.1	9.5
10°-20°	268.4	23.0
20°-30°	307.6	26.4
30°-40°	251.0	21.5
40°-50°	126.6	10.9
50°-60°	47.0	4.0
60°-70°	31.5	2.7
70°-80°	17.5	1.5
80°-90°	5.3	0.5
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°	686.2	58.9
0°-40°	937.2	80.4
0°-60°	1110.7	95.3
0°-90°	1165.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1165.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1214	
5°	1183	110
15°	965	268
25°	671	308
35°	404	251
45°	160	127
55°	49	47
65°	32	32
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1213.6
1°	1212.2
2°	1209.3
3°	1203.5
4°	1194.9
5°	1183.4
6°	1169.0
7°	1154.6
8°	1135.9
9°	1117.2
10°	1095.6
11°	1072.5
12°	1048.1
13°	1020.7
14°	991.9
15°	964.6
17.5°	891.1
20°	816.3
22.5°	740.0
25°	670.9
27.5°	603.2
30°	537.0
32.5°	470.8
35°	404.5
37.5°	338.3
40°	273.5
42.5°	213.1
45°	159.8
47.5°	115.2
50°	79.2
52.5°	57.6
55°	48.9
57.5°	44.6
60°	40.3
62.5°	36.0
65°	31.7
67.5°	27.4
70°	24.5
72.5°	20.2
75°	15.8
77.5°	13.0
80°	10.1
82.5°	7.2
85°	4.3
87.5°	2.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)