

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: P1255037

Luminaire Tested: P3AS17R309035DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255037
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309035DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

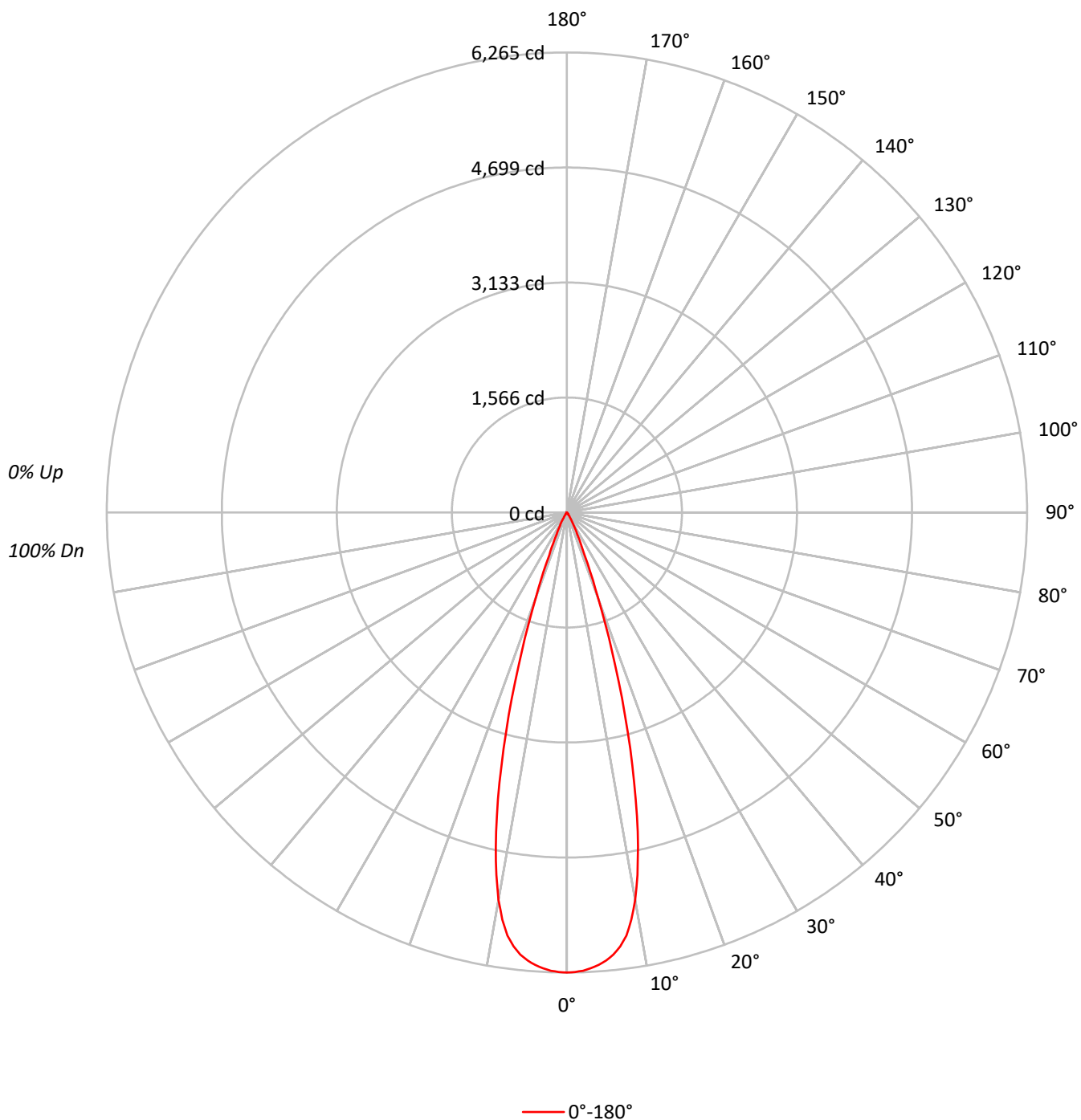
Lumens per Lamp: N/A
Luminaire Lumens: 1687.0 lumens
Efficiency: N/A
Efficacy: 79.6 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100	99	98	97
2	111	108	105	102	109	106	104	101	103	101	99		100	99	97		98	96	95	94
3	108	103	100	97	106	102	99	96	100	97	95		97	95	93		95	94	92	91
4	105	100	96	93	103	99	95	92	97	94	91		95	92	90		93	91	89	88
5	102	96	92	89	100	95	91	89	94	90	88		92	89	87		91	88	87	85
6	99	93	89	86	98	92	88	86	91	88	85		90	87	85		89	86	84	83
7	96	90	86	83	95	89	86	83	88	85	82		87	84	82		86	84	82	81
8	94	87	83	81	93	87	83	80	86	83	80		85	82	80		84	82	80	79
9	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82	79	77	77
10	89	83	79	76	88	82	78	76	82	78	76		81	78	76		80	77	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1373793
5°	1347828
10°	1193164
15°	755941
20°	286955
25°	84948
30°	33549
35°	10279
40°	4551
45°	1644
50°	1365
55°	1032
60°	1184
65°	1401
70°	833
75°	1101
80°	1642
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1644 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	562.9	33.4
10°-20°	877.2	52.0
20°-30°	203.7	12.1
30°-40°	31.6	1.9
40°-50°	5.4	0.3
50°-60°	2.6	0.2
60°-70°	2.1	0.1
70°-80°	1.4	0.1
80°-90°	0.2	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°	1643.8	97.4
0°-40°	1675.4	99.3
0°-60°	1683.3	99.8
0°-90°	1687.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1687.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6265	
5°	6123	563
15°	3330	877
25°	351	204
35°	38	32
45°	5	5
55°	3	3
65°	3	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6265.0
1°	6261.0
2°	6243.8
3°	6214.6
4°	6177.5
5°	6123.2
6°	6055.6
7°	5954.9
8°	5817.1
9°	5614.4
10°	5358.6
11°	5028.7
12°	4656.3
13°	4242.9
14°	3788.4
15°	3329.9
17.5°	2178.4
20°	1229.7
22.5°	628.1
25°	351.1
27.5°	216.0
30°	132.5
32.5°	71.6
35°	38.4
37.5°	25.2
40°	15.9
42.5°	9.3
45°	5.3
47.5°	4.0
50°	4.0
52.5°	2.7
55°	2.7
57.5°	2.7
60°	2.7
62.5°	2.7
65°	2.7
67.5°	1.3
70°	1.3
72.5°	1.3
75°	1.3
77.5°	1.3
80°	1.3
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)