

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: P1274346

Luminaire Tested: P3AS17R259830DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274346
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259830DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

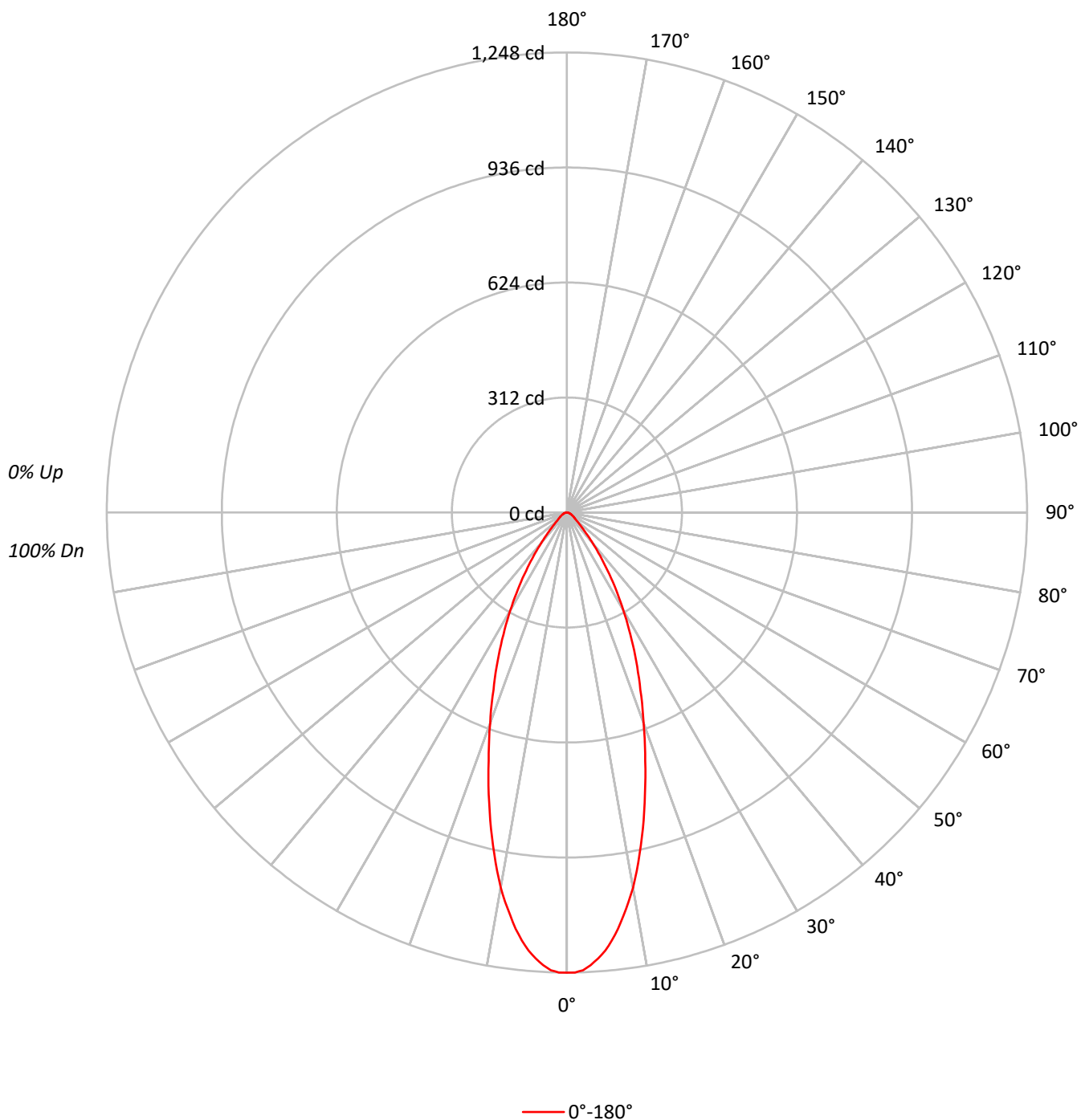
Lumens per Lamp: N/A
Luminaire Lumens: 754.1 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	273750
5°	262623
10°	230078
15°	184927
20°	142089
25°	107498
30°	77683
35°	51611
40°	31287
45°	18234
50°	11633
55°	9443
60°	8245
65°	7316
70°	6027
75°	6015
80°	4420
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18234 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.6	14.4
10°-20°	225.3	29.9
20°-30°	203.7	27.0
30°-40°	122.4	16.2
40°-50°	48.6	6.4
50°-60°	22.4	3.0
60°-70°	13.7	1.8
70°-80°	7.3	1.0
80°-90°	2.1	0.3
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°	537.6	71.3
0°-40°	659.9	87.5
0°-60°	731.0	96.9
0°-90°	754.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	754.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1248	
5°	1193	109
15°	815	225
25°	444	204
35°	193	122
45°	59	49
55°	25	22
65°	14	14
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1248.4
1°	1248.4
2°	1242.5
3°	1229.6
4°	1213.1
5°	1193.1
6°	1167.3
7°	1137.9
8°	1103.8
9°	1069.7
10°	1033.3
11°	990.9
12°	947.4
13°	904.0
14°	860.5
15°	814.6
17.5°	706.5
20°	608.9
22.5°	520.7
25°	444.3
27.5°	372.6
30°	306.8
32.5°	246.9
35°	192.8
37.5°	146.9
40°	109.3
42.5°	79.9
45°	58.8
47.5°	44.7
50°	34.1
52.5°	28.2
55°	24.7
57.5°	21.2
60°	18.8
62.5°	15.3
65°	14.1
67.5°	11.8
70°	9.4
72.5°	8.2
75°	7.1
77.5°	5.9
80°	3.5
82.5°	2.4
85°	2.4
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)