

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: P1274540

Luminaire Tested: P3AS17R609830DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274540
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609830DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

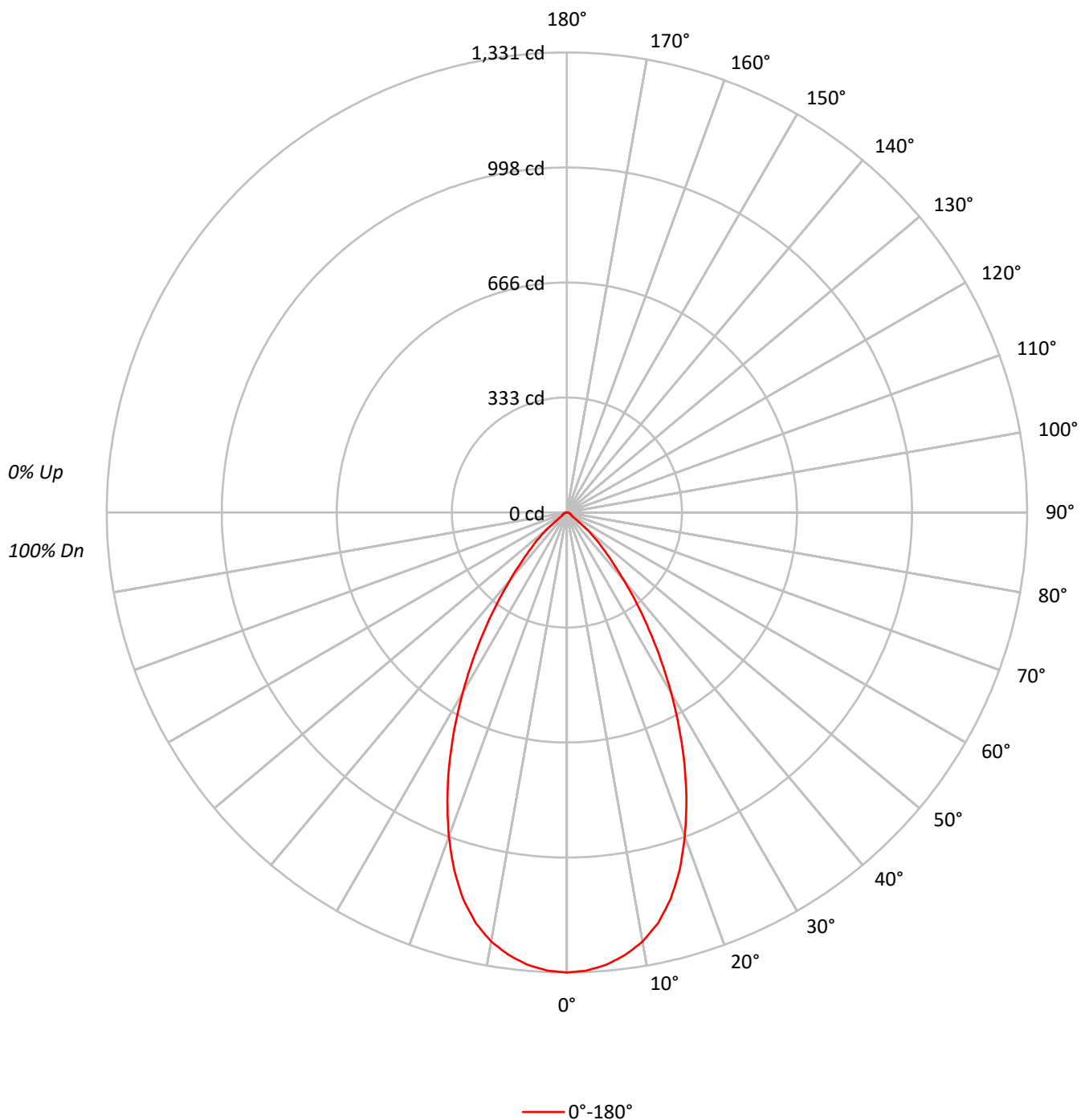
Lumens per Lamp: N/A
Luminaire Lumens: 1236.0 lumens
Efficiency: N/A
Efficacy: 60.6 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	291863
5°	289103
10°	280667
15°	262953
20°	232747
25°	194697
30°	152580
35°	110691
40°	73652
45°	45896
50°	24835
55°	7187
60°	6710
65°	6071
70°	6027
75°	5931
80°	5935
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45896 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.7	10.0
10°-20°	321.4	26.0
20°-30°	366.3	29.6
30°-40°	259.8	21.0
40°-50°	117.9	9.5
50°-60°	25.0	2.0
60°-70°	12.1	1.0
70°-80°	7.4	0.6
80°-90°	2.5	0.2
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°	811.3	65.6
0°-40°	1071.1	86.7
0°-60°	1213.9	98.2
0°-90°	1236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1236.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1331	
5°	1313	124
15°	1158	321
25°	805	366
35°	414	260
45°	148	118
55°	19	25
65°	12	12
75°	7	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1331.0
2.5°	1326.3
5°	1313.4
7.5°	1291.0
10°	1260.5
12.5°	1217.0
15°	1158.3
17.5°	1084.3
20°	997.4
22.5°	903.4
25°	804.7
27.5°	703.7
30°	602.6
32.5°	506.3
35°	413.5
37.5°	331.3
40°	257.3
42.5°	195.0
45°	148.0
47.5°	110.4
50°	72.8
52.5°	34.1
55°	18.8
57.5°	16.4
60°	15.3
62.5°	14.1
65°	11.7
67.5°	10.6
70°	9.4
72.5°	8.2
75°	7.0
77.5°	5.9
80°	4.7
82.5°	3.5
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)