

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: P1275118

Luminaire Tested: P3AS02R409835DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275118
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409835DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

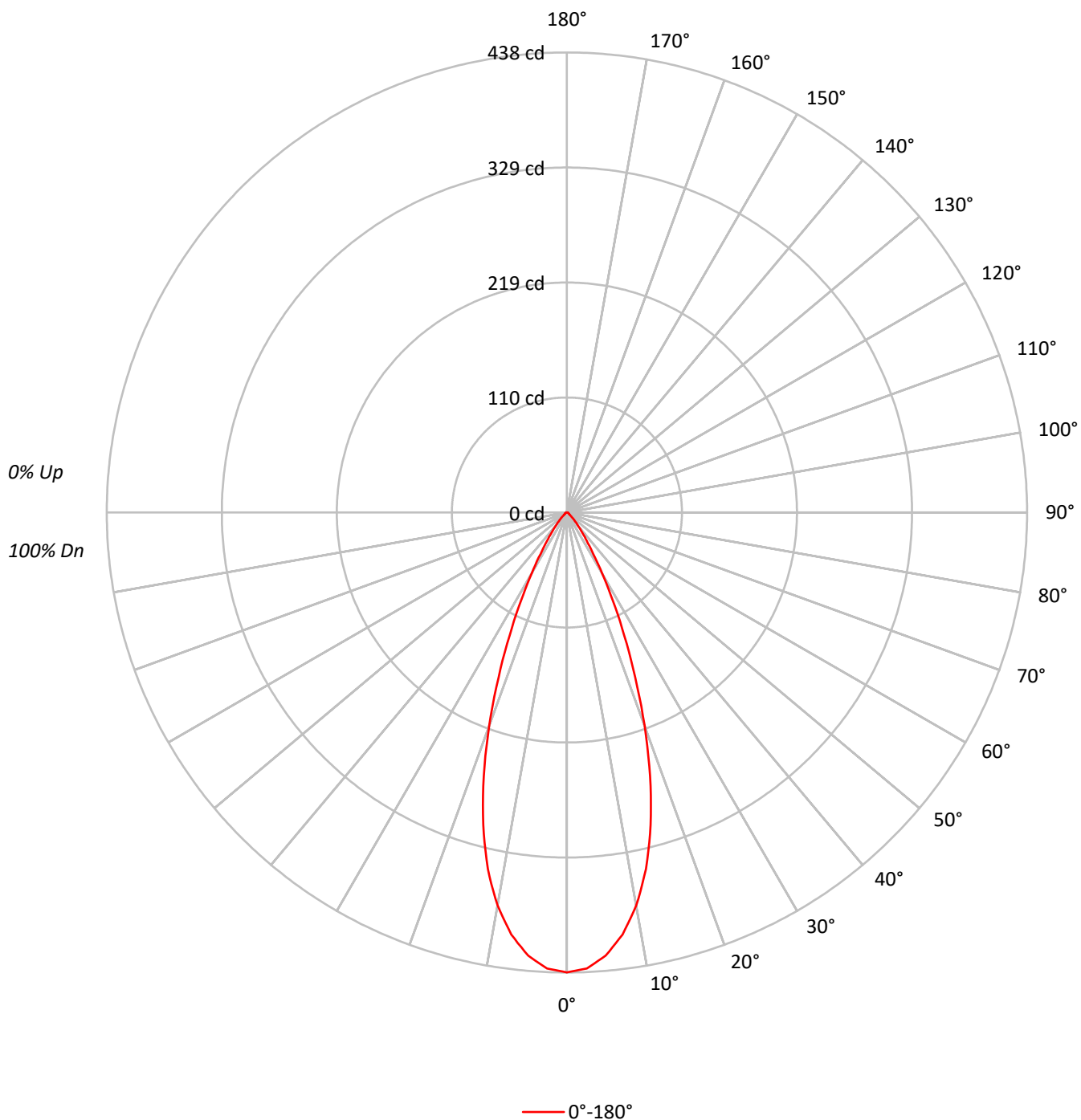
Lumens per Lamp: N/A
Luminaire Lumens: 217.0 lumens
Efficiency: N/A
Efficacy: 60.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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				0
RW	70	50	30	10	70	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		100
1	114	111	109	107	112	109	107	105	105	104	102		102	100	99		94
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		89
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		84
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		80
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		76
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		72
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		69
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		65
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		63
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	96023
5°	93220
10°	84612
15°	69898
20°	50428
25°	31187
30°	16889
35°	8727
40°	4752
45°	2667
50°	1330
55°	994
60°	877
65°	882
70°	833
75°	763
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2667 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.0	18.0
10°-20°	83.8	38.6
20°-30°	59.8	27.6
30°-40°	22.0	10.2
40°-50°	6.9	3.2
50°-60°	2.4	1.1
60°-70°	1.7	0.8
70°-80°	1.0	0.4
80°-90°	0.3	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°	182.7	84.2
0°-40°	204.8	94.3
0°-60°	214.1	98.6
0°-90°	217.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	217.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	438	
5°	424	39
15°	308	84
25°	129	60
35°	33	22
45°	9	7
55°	3	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	437.9
2.5°	434.5
5°	423.5
7.5°	405.3
10°	380.0
12.5°	347.7
15°	307.9
17.5°	263.2
20°	216.1
22.5°	169.7
25°	128.9
27.5°	94.6
30°	66.7
32.5°	46.8
35°	32.6
37.5°	23.1
40°	16.6
42.5°	11.9
45°	8.6
47.5°	5.8
50°	3.9
52.5°	2.8
55°	2.6
57.5°	2.4
60°	2.0
62.5°	1.9
65°	1.7
67.5°	1.5
70°	1.3
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)