

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: P1254435

Luminaire Tested: P3AS09R609035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254435
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: P3AS09R609035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

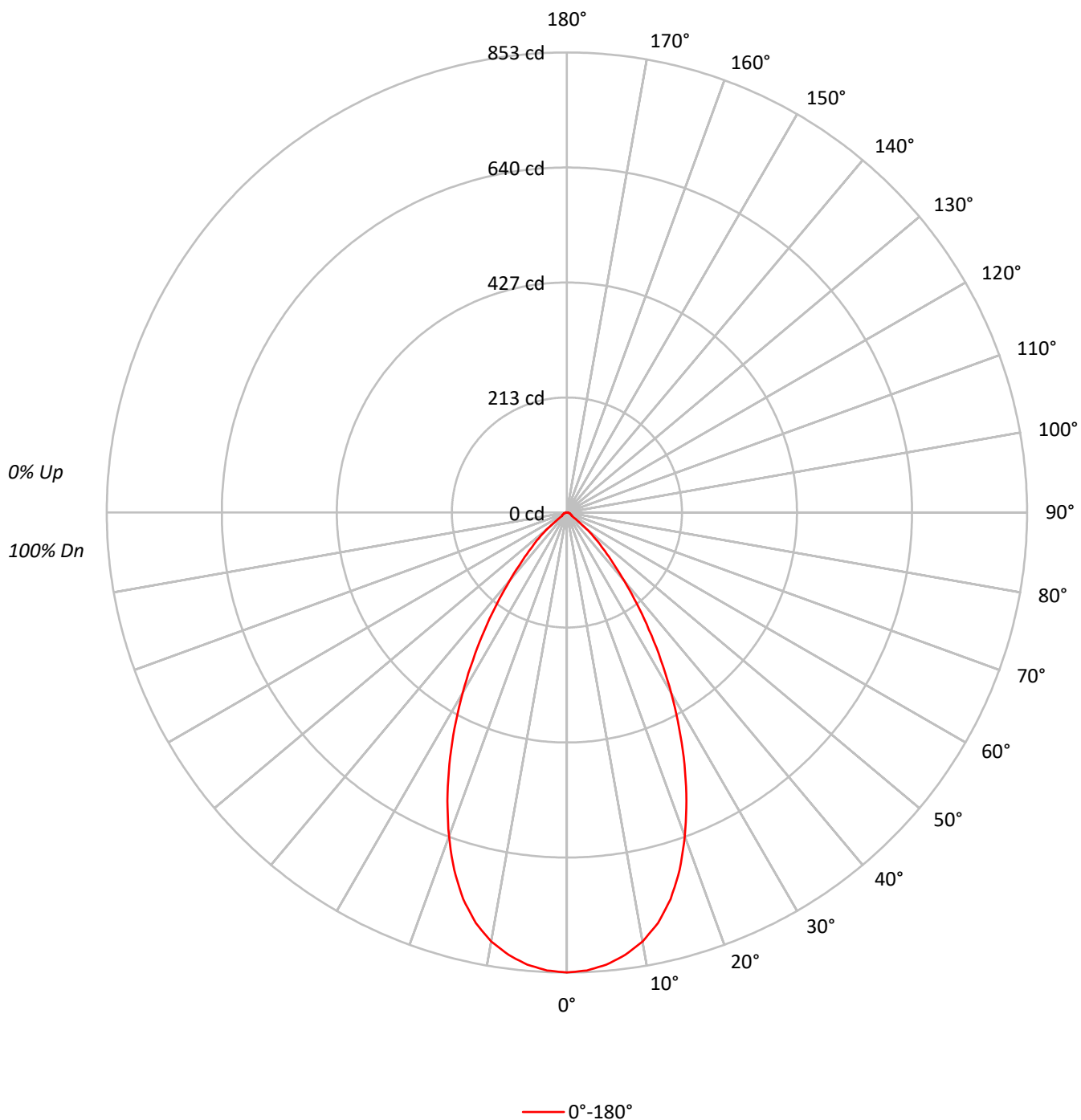
Lumens per Lamp: N/A
Luminaire Lumens: 792.0 lumens
Efficiency: N/A
Efficacy: 71.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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		67
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°	187024
5°	185252
10°	179845
15°	168491
20°	149136
25°	124749
30°	97787
35°	70938
40°	47203
45°	29398
50°	15931
55°	4588
60°	4298
65°	3891
70°	3847
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29398 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.3	10.0
10°-20°	205.9	26.0
20°-30°	234.7	29.6
30°-40°	166.5	21.0
40°-50°	75.5	9.5
50°-60°	16.0	2.0
60°-70°	7.7	1.0
70°-80°	4.8	0.6
80°-90°	1.7	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°	519.9	65.6
0°-40°	686.3	86.7
0°-60°	777.9	98.2
0°-90°	792.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	792.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	853	
5°	842	79
15°	742	206
25°	516	235
35°	265	166
45°	95	76
55°	12	16
65°	8	8
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	852.9
2.5°	849.9
5°	841.6
7.5°	827.3
10°	807.7
12.5°	779.8
15°	742.2
17.5°	694.8
20°	639.1
22.5°	578.9
25°	515.6
27.5°	450.9
30°	386.2
32.5°	324.4
35°	265.0
37.5°	212.3
40°	164.9
42.5°	125.0
45°	94.8
47.5°	70.8
50°	46.7
52.5°	21.8
55°	12.0
57.5°	10.5
60°	9.8
62.5°	9.0
65°	7.5
67.5°	6.8
70°	6.0
72.5°	5.3
75°	4.5
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)