

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: P1248501

Luminaire Tested: P3AS05R359027DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248501
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359027DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

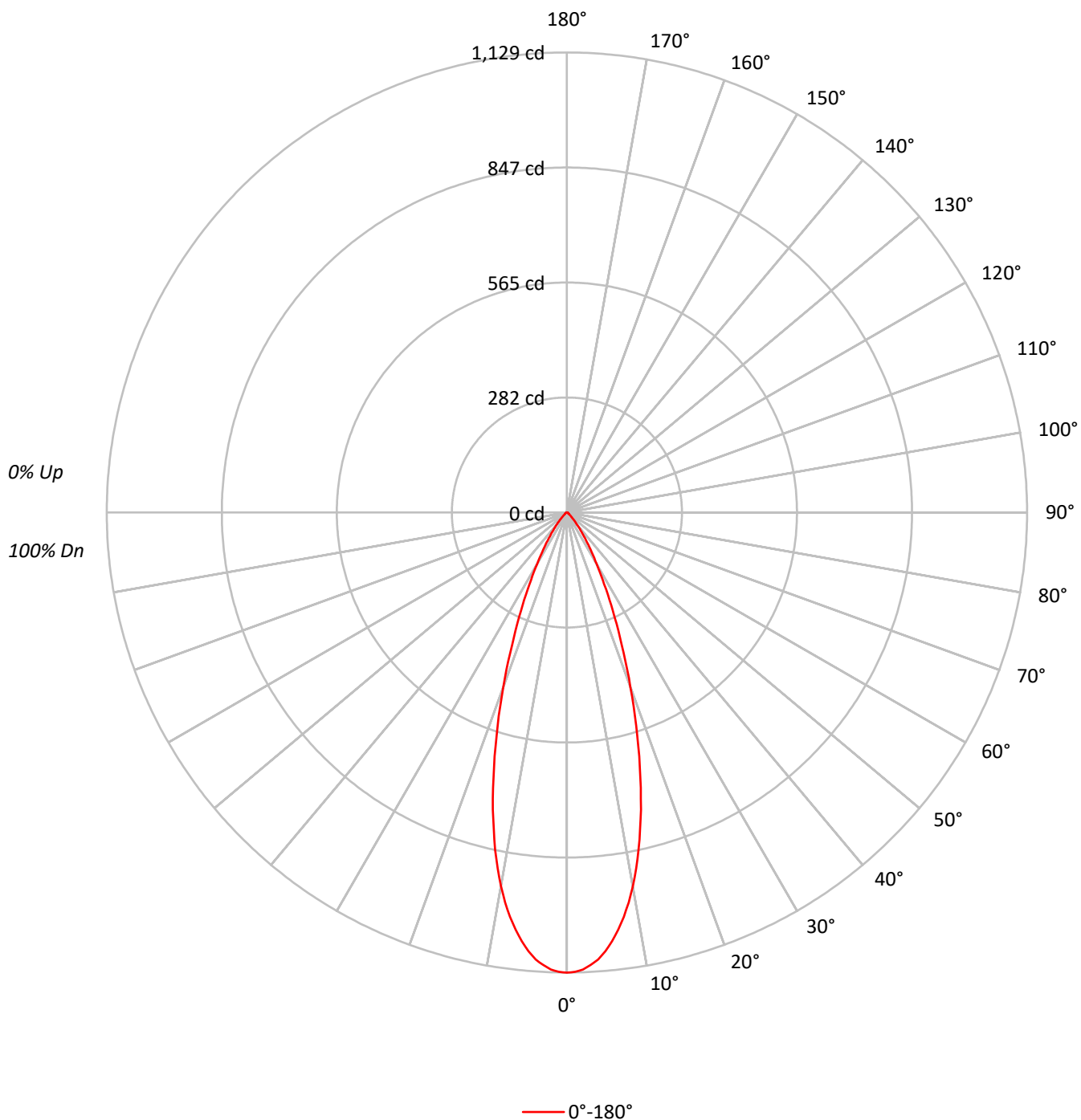
Lumens per Lamp: N/A
Luminaire Lumens: 491.0 lumens
Efficiency: N/A
Efficacy: 68.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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
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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	247634
5°	237992
10°	207366
15°	158820
20°	106269
25°	64310
30°	36892
35°	20639
40°	10963
45°	5644
50°	2695
55°	2141
60°	2061
65°	1712
70°	1795
75°	1610
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5644 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.4	20.0
10°-20°	190.6	38.8
20°-30°	124.8	25.4
30°-40°	50.6	10.3
40°-50°	15.2	3.1
50°-60°	5.2	1.1
60°-70°	3.5	0.7
70°-80°	2.0	0.4
80°-90°	0.7	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°	413.8	84.3
0°-40°	464.5	94.6
0°-60°	484.8	98.7
0°-90°	491.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	491.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1129	
5°	1081	98
15°	700	191
25°	266	125
35°	77	51
45°	18	15
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1129.3
1°	1127.5
2°	1122.3
3°	1112.0
4°	1099.9
5°	1081.2
6°	1057.9
7°	1031.7
8°	1002.3
9°	968.7
10°	931.3
11°	889.7
12°	846.3
13°	797.7
14°	751.5
15°	699.6
17.5°	574.0
20°	455.4
22.5°	350.3
25°	265.8
27.5°	198.0
30°	145.7
32.5°	107.0
35°	77.1
37.5°	54.6
40°	38.3
42.5°	26.6
45°	18.2
47.5°	12.1
50°	7.9
52.5°	6.1
55°	5.6
57.5°	5.1
60°	4.7
62.5°	4.2
65°	3.3
67.5°	2.8
70°	2.8
72.5°	2.3
75°	1.9
77.5°	1.4
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)