

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: P1250149

Luminaire Tested: P3AS20R609027D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250149
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: P3AS20R609027D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

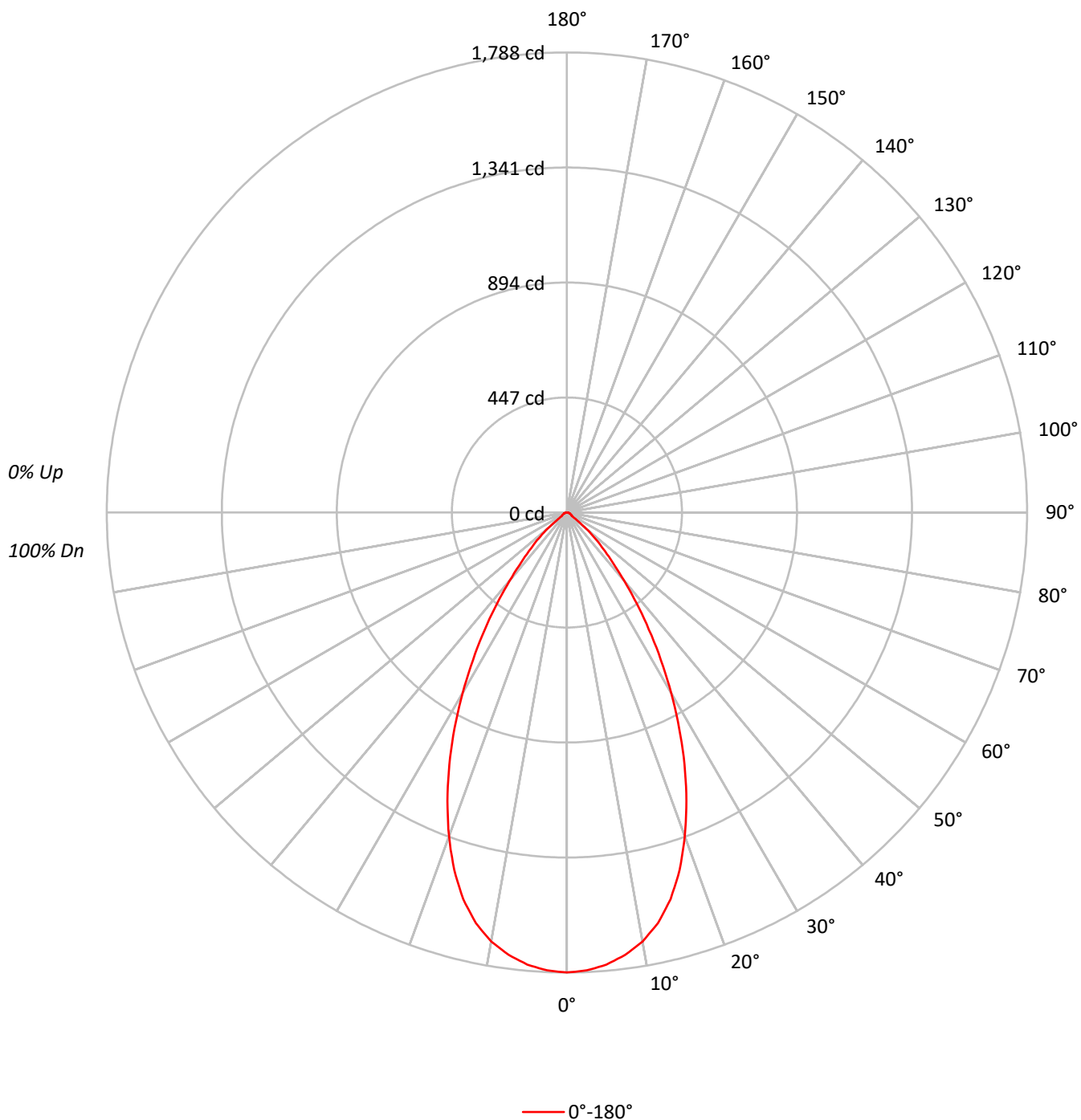
Lumens per Lamp: N/A
Luminaire Lumens: 1660.0 lumens
Efficiency: N/A
Efficacy: 57.6 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	391986
5°	388267
10°	376947
15°	353146
20°	312577
25°	261475
30°	204943
35°	148676
40°	98900
45°	61650
50°	33364
55°	9634
60°	8991
65°	8198
70°	8078
75°	8049
80°	7956
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 61650 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.1	10.0
10°-20°	431.6	26.0
20°-30°	491.9	29.6
30°-40°	348.9	21.0
40°-50°	158.3	9.5
50°-60°	33.6	2.0
60°-70°	16.2	1.0
70°-80°	10.0	0.6
80°-90°	3.4	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°	1089.6	65.6
0°-40°	1438.5	86.7
0°-60°	1630.4	98.2
0°-90°	1660.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1660.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1788	
5°	1764	166
15°	1556	432
25°	1081	492
35°	555	349
45°	199	158
55°	25	34
65°	16	16
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1787.6
2.5°	1781.3
5°	1763.9
7.5°	1733.9
10°	1692.9
12.5°	1634.5
15°	1555.6
17.5°	1456.2
20°	1339.5
22.5°	1213.3
25°	1080.7
27.5°	945.1
30°	809.4
32.5°	680.0
35°	555.4
37.5°	444.9
40°	345.5
42.5°	261.9
45°	198.8
47.5°	148.3
50°	97.8
52.5°	45.8
55°	25.2
57.5°	22.1
60°	20.5
62.5°	18.9
65°	15.8
67.5°	14.2
70°	12.6
72.5°	11.0
75°	9.5
77.5°	7.9
80°	6.3
82.5°	4.7
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)