

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: P1260867

Luminaire Tested: P3AS20R609050D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260867
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: P3AS20R609050D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

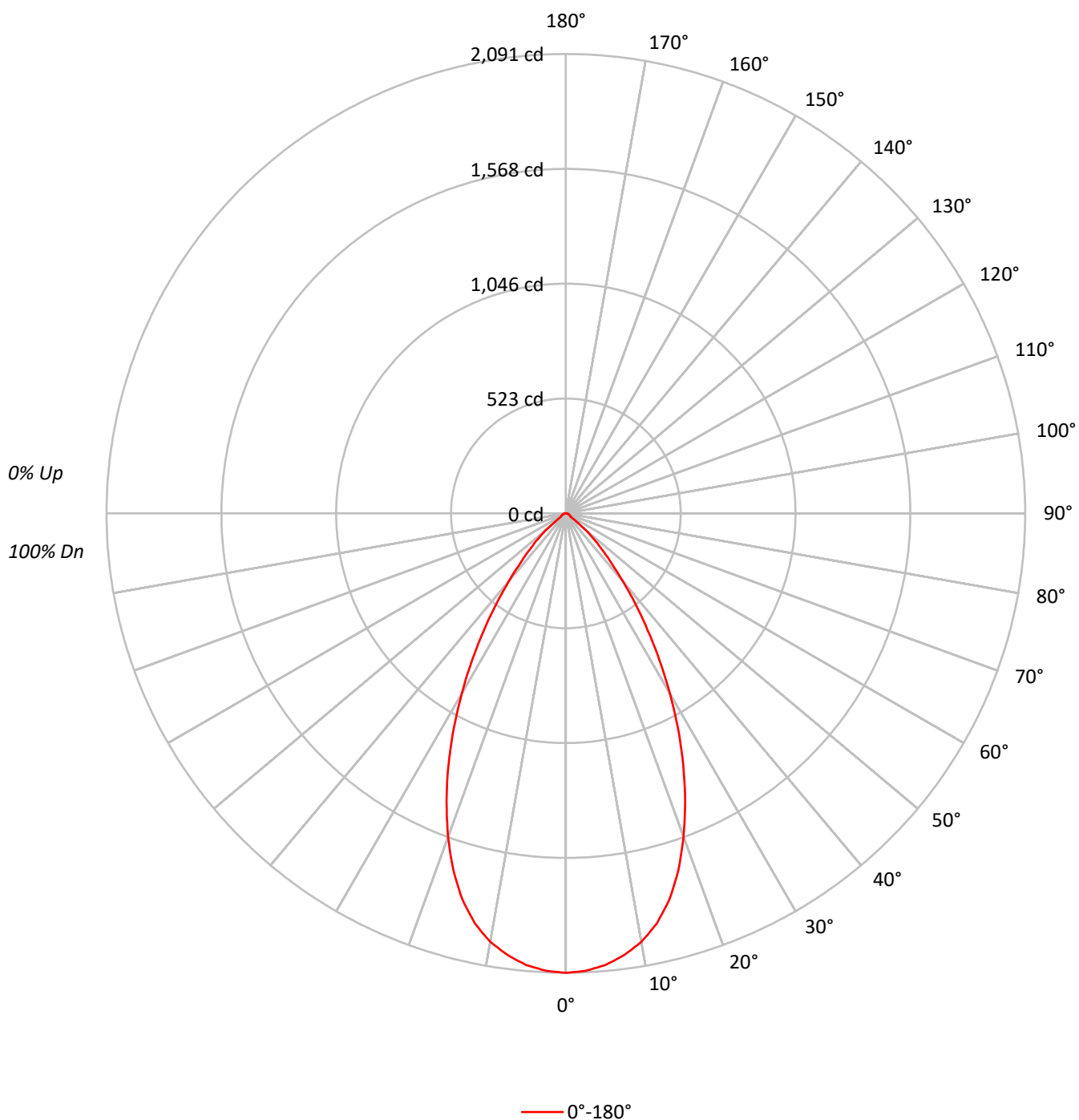
Lumens per Lamp: N/A
Luminaire Lumens: 1941.9 lumens
Efficiency: N/A
Efficacy: 67.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1260867

CATALOG NUMBER: P3AS20R609050D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1260867

CATALOG NUMBER: P3AS20R609050D010 E3DL1MW

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	113	110	108	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		73
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		51
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	458560
5°	454236
10°	440985
15°	413147
20°	365665
25°	305897
30°	239758
35°	173920
40°	115702
45°	72132
50°	39026
55°	11278
60°	10525
65°	9599
70°	9489
75°	9404
80°	9345
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 72132 cd/sqm

TEST NUMBER: P1260867

CATALOG NUMBER: P3AS20R609050D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.3	10.0
10°-20°	504.9	26.0
20°-30°	575.5	29.6
30°-40°	408.1	21.0
40°-50°	185.2	9.5
50°-60°	39.3	2.0
60°-70°	18.9	1.0
70°-80°	11.7	0.6
80°-90°	4.0	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°	1274.7	65.6
0°-40°	1682.9	86.7
0°-60°	1907.3	98.2
0°-90°	1941.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1941.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2091	
5°	2064	194
15°	1820	505
25°	1264	575
35°	650	408
45°	233	185
55°	30	39
65°	18	19
75°	11	12
85°	4	4
90°	0	

TEST NUMBER: P1260867

CATALOG NUMBER: P3AS20R609050D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2091.2
2.5°	2083.9
5°	2063.6
7.5°	2028.5
10°	1980.5
12.5°	1912.2
15°	1819.9
17.5°	1703.6
20°	1567.0
22.5°	1419.4
25°	1264.3
27.5°	1105.6
30°	946.9
32.5°	795.5
35°	649.7
37.5°	520.5
40°	404.2
42.5°	306.4
45°	232.6
47.5°	173.5
50°	114.4
52.5°	53.5
55°	29.5
57.5°	25.8
60°	24.0
62.5°	22.1
65°	18.5
67.5°	16.6
70°	14.8
72.5°	12.9
75°	11.1
77.5°	9.2
80°	7.4
82.5°	5.5
85°	3.7
87.5°	1.8
90°	0.0

(END OF REPORT)