

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: P1258270

Luminaire Tested: P3AS20R609040D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258270
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: P3AS20R609040D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

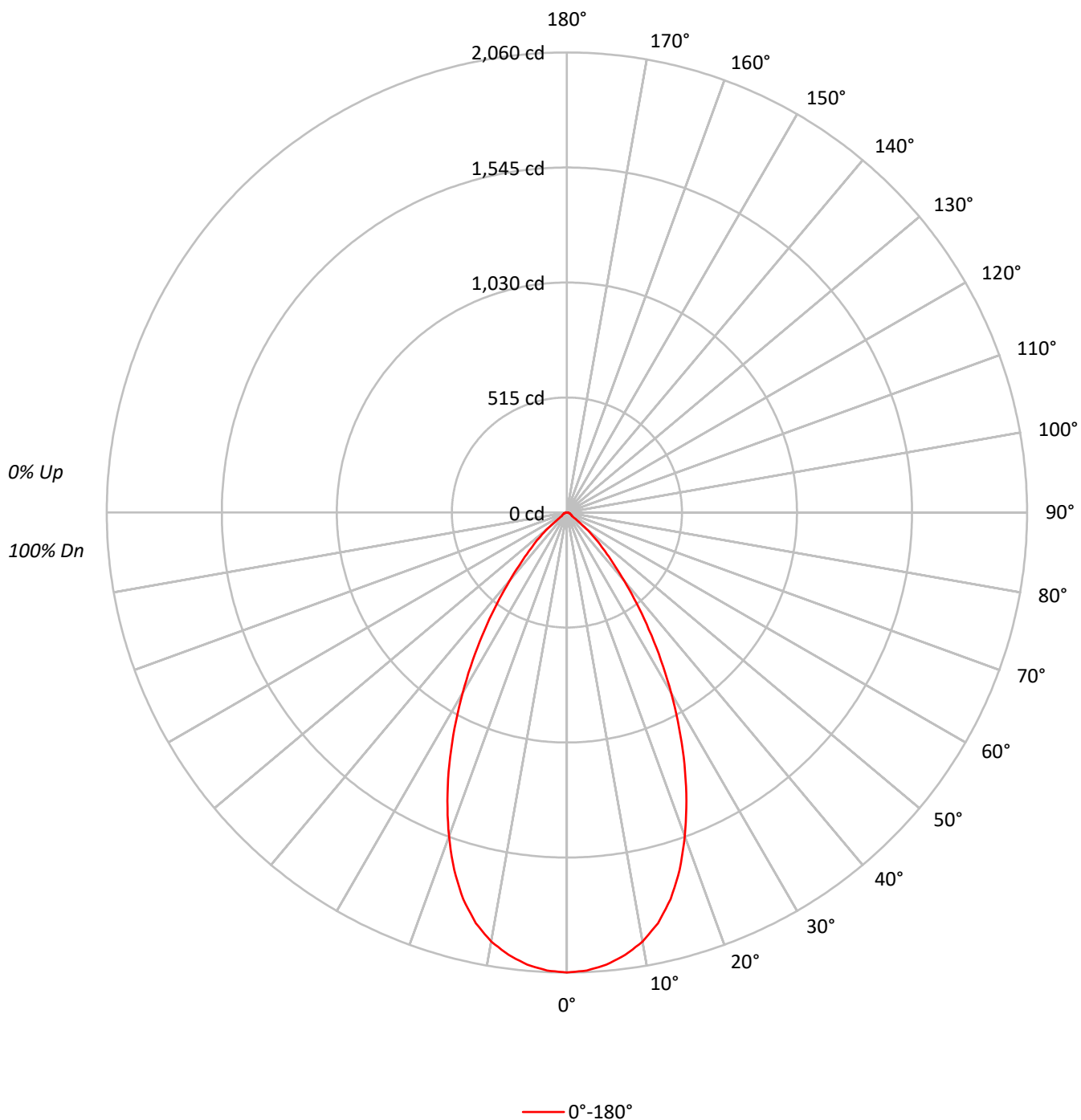
Lumens per Lamp: N/A
Luminaire Lumens: 1913.0 lumens
Efficiency: N/A
Efficacy: 66.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258270

CATALOG NUMBER: P3AS20R609040D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1258270

CATALOG NUMBER: P3AS20R609040D010 E3DL1MW

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°	451718
5°	447434
10°	434394
15°	406972
20°	360205
25°	301348
30°	236163
35°	171323
40°	113985
45°	71046
50°	38446
55°	11125
60°	10350
65°	9443
70°	9296
75°	9235
80°	9218
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 71046 cd/sqm

TEST NUMBER: P1258270

CATALOG NUMBER: P3AS20R609040D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.4	10.0
10°-20°	497.4	26.0
20°-30°	566.9	29.6
30°-40°	402.0	21.0
40°-50°	182.4	9.5
50°-60°	38.7	2.0
60°-70°	18.7	1.0
70°-80°	11.5	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°	1255.7	65.6
0°-40°	1657.7	86.7
0°-60°	1878.8	98.2
0°-90°	1913.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1913.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2060	
5°	2033	191
15°	1793	497
25°	1246	567
35°	640	402
45°	229	182
55°	29	39
65°	18	19
75°	11	12
85°	4	4
90°	0	

TEST NUMBER: P1258270

CATALOG NUMBER: P3AS20R609040D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	2060.0
2.5°	2052.7
5°	2032.7
7.5°	1998.2
10°	1950.9
12.5°	1883.6
15°	1792.7
17.5°	1678.2
20°	1543.6
22.5°	1398.2
25°	1245.5
27.5°	1089.1
30°	932.7
32.5°	783.6
35°	640.0
37.5°	512.7
40°	398.2
42.5°	301.8
45°	229.1
47.5°	170.9
50°	112.7
52.5°	52.7
55°	29.1
57.5°	25.5
60°	23.6
62.5°	21.8
65°	18.2
67.5°	16.4
70°	14.5
72.5°	12.7
75°	10.9
77.5°	9.1
80°	7.3
82.5°	5.5
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)