

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: P1255554

Luminaire Tested: P3AS20R609035D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255554
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609035D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

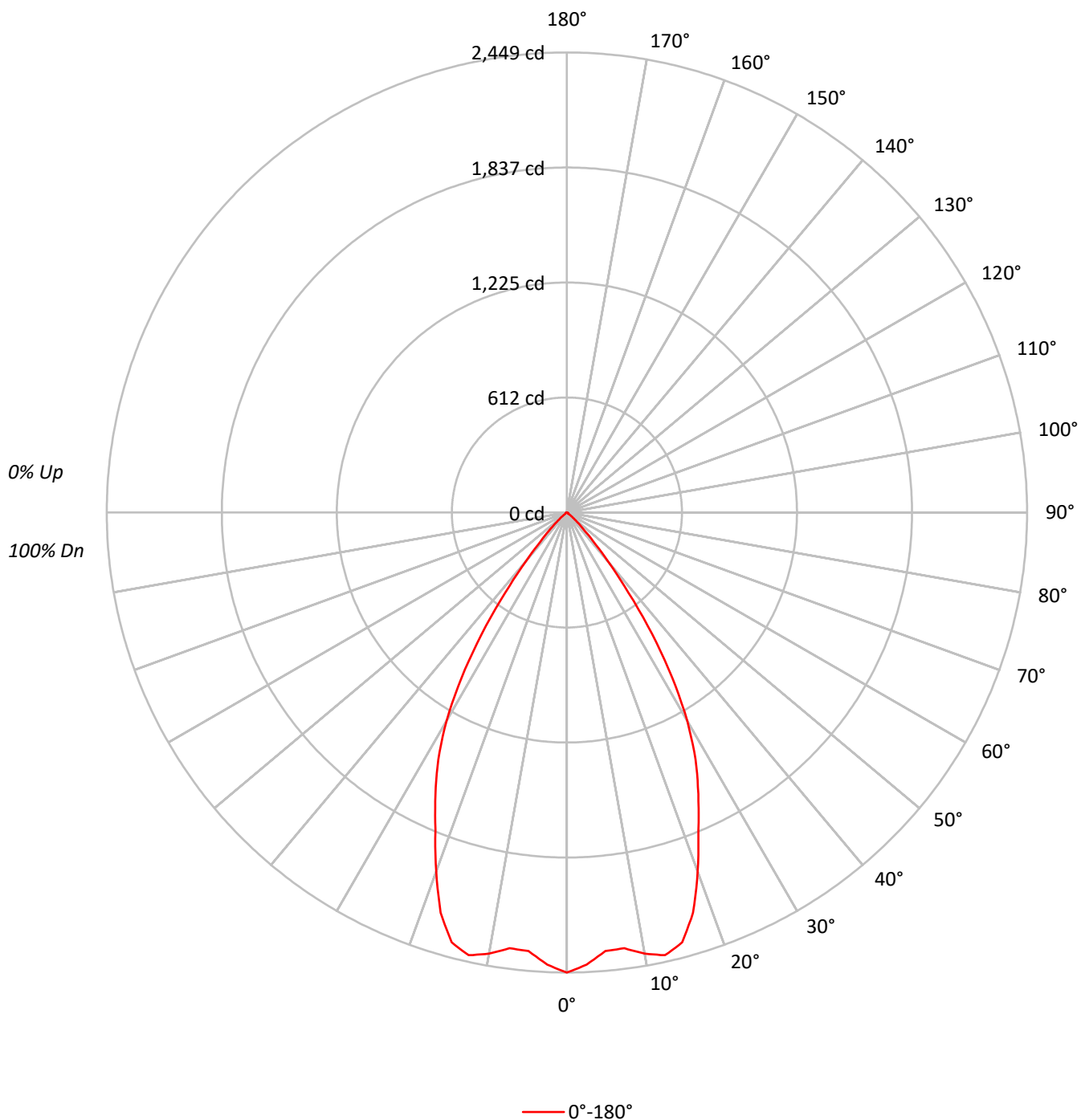
Lumens per Lamp: N/A
Luminaire Lumens: 2249.0 lumens
Efficiency: N/A
Efficacy: 78.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255554

CATALOG NUMBER: P3AS20R609035D010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1255554

CATALOG NUMBER: P3AS20R609035D010 E3CD1MW

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	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	537040
5°	515737
10°	531008
15°	537824
20°	474898
25°	400233
30°	324607
35°	211397
40°	97096
45°	37213
50°	12452
55°	3326
60°	3070
65°	2698
70°	2244
75°	2965
80°	2147
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37213 cd/sqm

TEST NUMBER: P1255554

CATALOG NUMBER: P3AS20R609035D010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.5	10.0
10°-20°	648.8	28.8
20°-30°	756.7	33.6
30°-40°	488.3	21.7
40°-50°	109.4	4.9
50°-60°	10.9	0.5
60°-70°	5.2	0.2
70°-80°	3.0	0.1
80°-90°	1.2	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°	1631.0	72.5
0°-40°	2119.3	94.2
0°-60°	2239.7	99.6
0°-90°	2249.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2249.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2449	
5°	2343	226
15°	2369	649
25°	1654	757
35°	790	488
45°	120	109
55°	9	11
65°	5	5
75°	4	3
85°	2	1
90°	0	

TEST NUMBER: P1255554

CATALOG NUMBER: P3AS20R609035D010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2449.1
2.5°	2409.1
5°	2343.0
7.5°	2339.6
10°	2384.8
12.5°	2414.3
15°	2369.1
17.5°	2233.4
20°	2035.1
22.5°	1828.2
25°	1654.2
27.5°	1483.7
30°	1282.0
32.5°	1045.4
35°	789.7
37.5°	539.2
40°	339.2
42.5°	203.5
45°	120.0
47.5°	69.6
50°	36.5
52.5°	12.2
55°	8.7
57.5°	7.0
60°	7.0
62.5°	5.2
65°	5.2
67.5°	5.2
70°	3.5
72.5°	3.5
75°	3.5
77.5°	1.7
80°	1.7
82.5°	1.7
85°	1.7
87.5°	0.0
90°	0.0

(END OF REPORT)