

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: P1255559

Luminaire Tested: P3AS20R609035D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255559
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609035D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

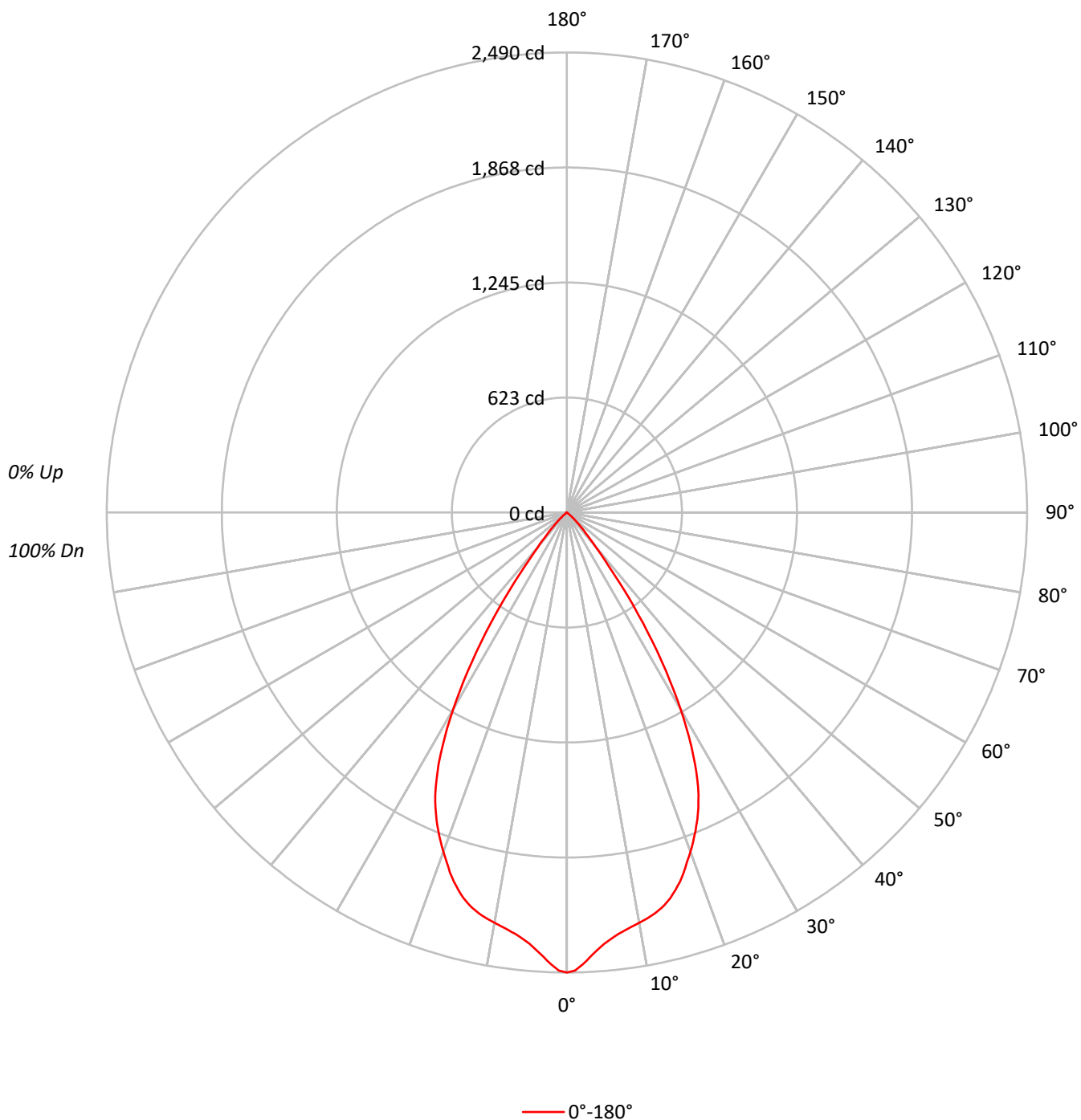
Lumens per Lamp: N/A
Luminaire Lumens: 2084.1 lumens
Efficiency: N/A
Efficacy: 72.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255559

CATALOG NUMBER: P3AS20R609035D010 E3D1WMH

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	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	546031
5°	515473
10°	502062
15°	490604
20°	456160
25°	407782
30°	311466
35°	179836
40°	69788
45°	29088
50°	6413
55°	994
60°	746
65°	467
70°	577
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29088 cd/sqm

TEST NUMBER: P1255559

CATALOG NUMBER: P3AS20R609035D010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.1	10.6
10°-20°	602.0	28.9
20°-30°	754.0	36.2
30°-40°	421.5	20.2
40°-50°	80.1	3.8
50°-60°	4.1	0.2
60°-70°	1.0	0.0
70°-80°	0.4	0.0
80°-90°	0.0	0.0
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°	1577.0	75.7
0°-40°	1998.5	95.9
0°-60°	2082.7	99.9
0°-90°	2084.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2084.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2490	
5°	2342	221
15°	2161	602
25°	1685	754
35°	672	421
45°	94	80
55°	3	4
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1255559

CATALOG NUMBER: P3AS20R609035D010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2490.1
1°	2479.9
2°	2447.5
3°	2409.1
4°	2373.3
5°	2341.8
6°	2317.9
7°	2297.5
8°	2282.1
9°	2267.6
10°	2254.8
11°	2242.1
12°	2227.6
13°	2209.7
14°	2188.3
15°	2161.1
16°	2127.8
17°	2090.3
18°	2047.7
19°	1999.1
20°	1954.8
21°	1907.0
22°	1857.6
23°	1805.6
24°	1748.5
25°	1685.4
26°	1611.2
27°	1528.5
28°	1435.6
29°	1336.7
30°	1230.1
31°	1122.7
32°	1011.9
32.5°	951.4
33°	896.8
34°	783.4
35°	671.8
36°	571.2
37°	464.6
37.5°	416.0
38°	368.3
39°	296.7
40°	243.8
42.5°	148.3
45°	93.8



TEST NUMBER: P1255559

CATALOG NUMBER: P3AS20R609035D010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	52.0
50°	18.8
52.5°	4.3
55°	2.6
57.5°	1.7
60°	1.7
62.5°	0.9
65°	0.9
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)