

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: P1252858

Luminaire Tested: P3AS20R609030D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252858
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: P3AS20R609030D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

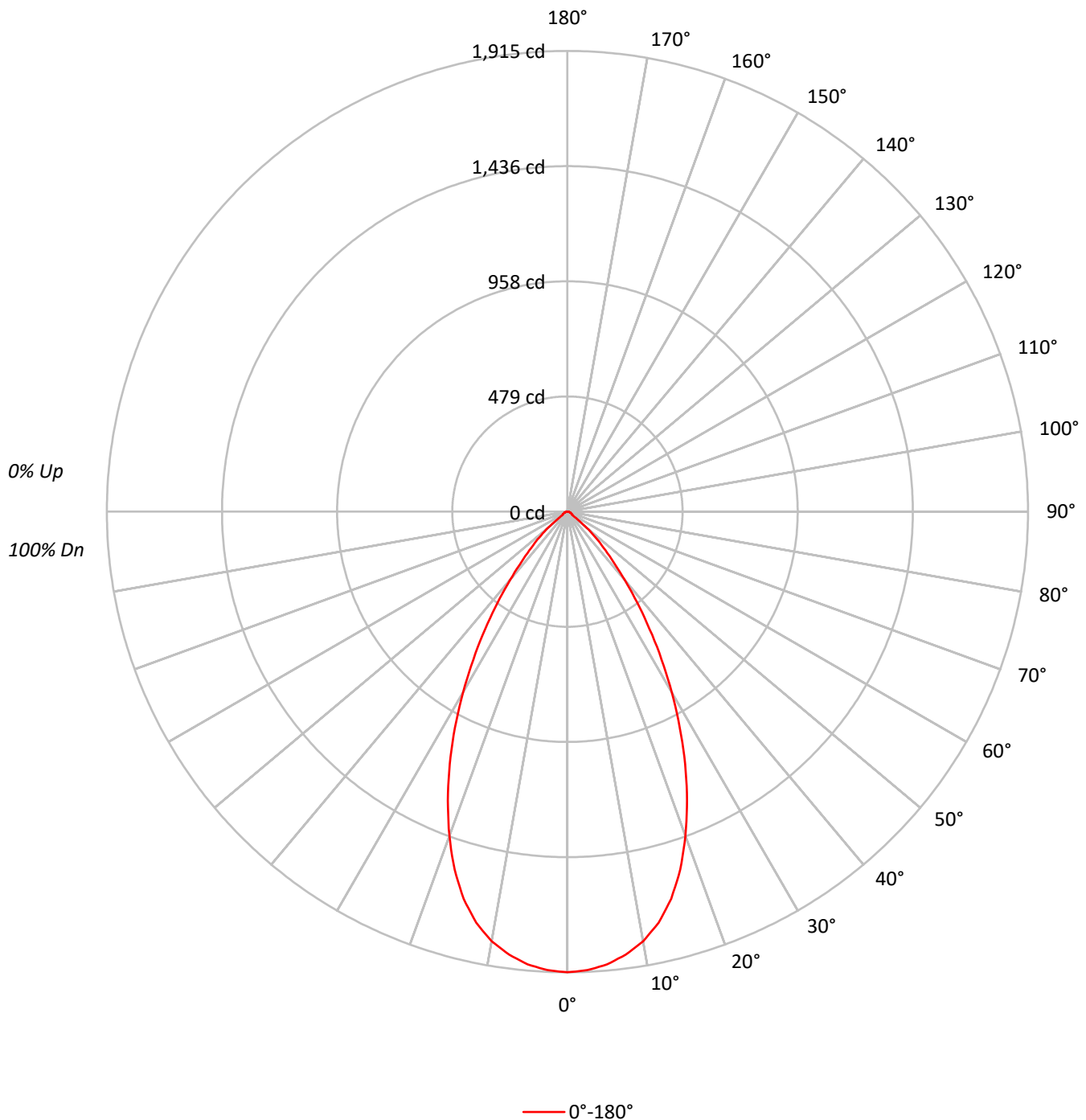
Lumens per Lamp: N/A
Luminaire Lumens: 1778.0 lumens
Efficiency: N/A
Efficacy: 61.7 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	419835
5°	415869
10°	403733
15°	378254
20°	334792
25°	280081
30°	219502
35°	159223
40°	105941
45°	66022
50°	35751
55°	10322
60°	9648
65°	8769
70°	8655
75°	8557
80°	8587
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 66022 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.9	10.0
10°-20°	462.3	26.0
20°-30°	526.9	29.6
30°-40°	373.6	21.0
40°-50°	169.5	9.5
50°-60°	36.0	2.0
60°-70°	17.3	1.0
70°-80°	10.7	0.6
80°-90°	3.7	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°	1167.1	65.6
0°-40°	1540.7	86.7
0°-60°	1746.2	98.2
0°-90°	1778.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1778.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1915	
5°	1889	178
15°	1666	462
25°	1158	527
35°	595	374
45°	213	170
55°	27	36
65°	17	17
75°	10	11
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1914.6
2.5°	1907.9
5°	1889.3
7.5°	1857.2
10°	1813.2
12.5°	1750.7
15°	1666.2
17.5°	1559.8
20°	1434.7
22.5°	1299.5
25°	1157.6
27.5°	1012.2
30°	866.9
32.5°	728.3
35°	594.8
37.5°	476.5
40°	370.1
42.5°	280.5
45°	212.9
47.5°	158.8
50°	104.8
52.5°	49.0
55°	27.0
57.5°	23.7
60°	22.0
62.5°	20.3
65°	16.9
67.5°	15.2
70°	13.5
72.5°	11.8
75°	10.1
77.5°	8.4
80°	6.8
82.5°	5.1
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)