

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: P1276796

Luminaire Tested: P3AS20R309835D010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276796
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309835D010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

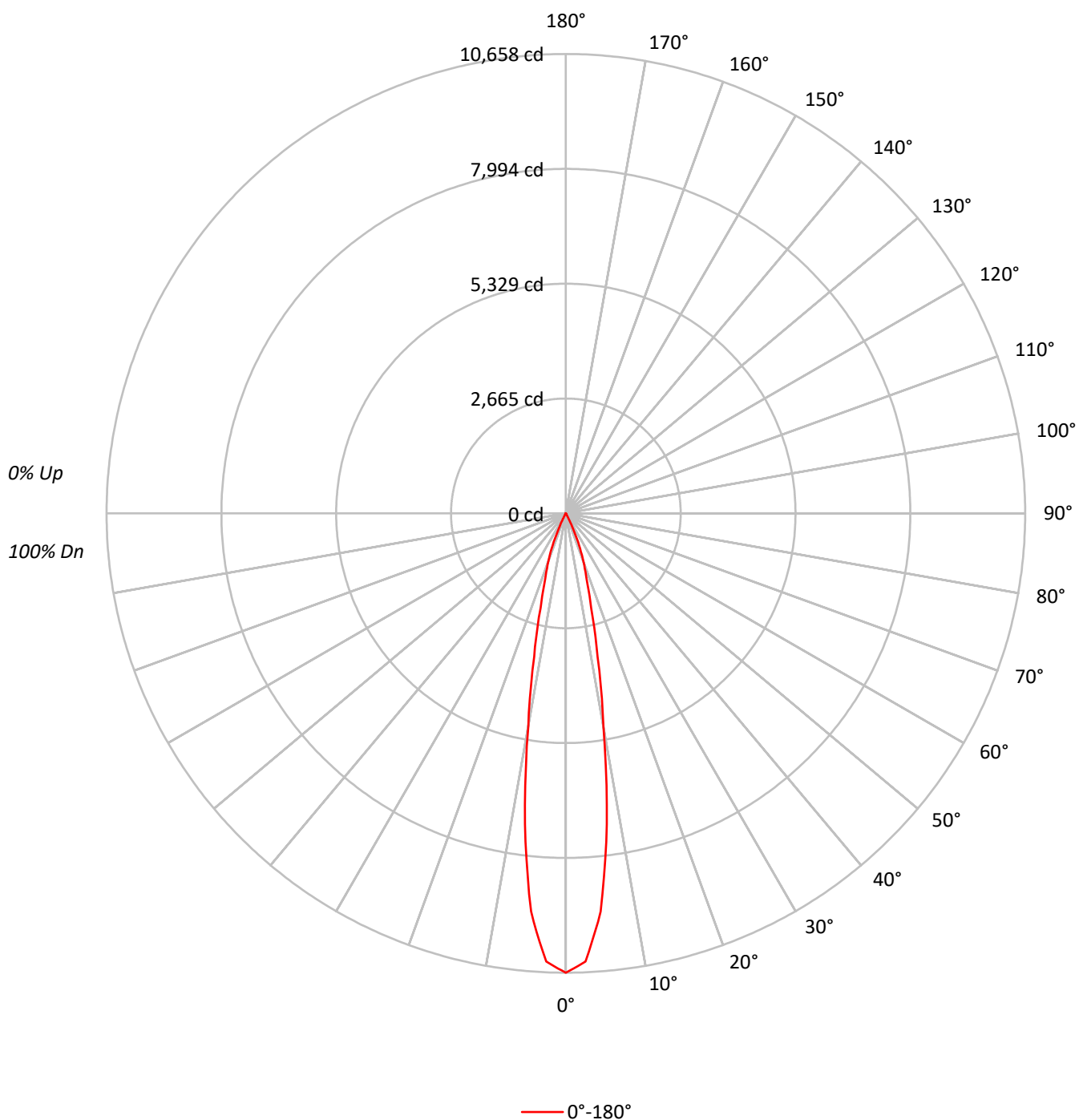
Lumens per Lamp: N/A
Luminaire Lumens: 1642.0 lumens
Efficiency: N/A
Efficacy: 59.9 lumens/watt
Spacing Criteria (0/90/45): 0.33 / 0.33 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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: P1276796

CATALOG NUMBER: P3AS20R309835D010 E3PH1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	100	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	98	96	94	97	94	92	95	93	91	90	90	90
5	104	98	95	92	102	97	94	91	96	93	91	94	92	90	93	91	89	88	88	88
6	101	95	92	89	100	95	91	89	94	91	88	92	90	88	91	89	87	86	86	86
7	99	93	89	87	98	92	89	86	91	88	86	90	88	86	89	87	85	84	84	84
8	96	91	87	84	96	90	87	84	89	86	84	88	86	84	88	85	83	83	83	83
9	94	89	85	82	94	88	85	82	87	84	82	87	84	82	86	84	82	81	81	81
10	92	87	83	81	92	86	83	81	86	82	80	85	82	80	84	82	80	79	79	79

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2337159
5°	2041553
10°	1119975
15°	515281
20°	277714
25°	94118
30°	12230
35°	1847
40°	658
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 0 cd/sqm

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CATALOG NUMBER: P3AS20R309835D010 E3PH1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	743.0	45.3
10°-20°	681.0	41.5
20°-30°	209.4	12.8
30°-40°	7.9	0.5
40°-50°	0.6	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	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°	1633.5	99.5
0°-40°	1641.3	100.0
0°-60°	1642.0	100.0
0°-90°	1642.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1642.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10658	
5°	9275	743
15°	2270	681
25°	389	209
35°	7	8
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	10658.3
2.5°	10409.7
5°	9274.8
7.5°	7276.7
10°	5029.9
12.5°	3404.7
15°	2269.8
17.5°	1590.7
20°	1190.1
22.5°	801.1
25°	389.0
27.5°	142.7
30°	48.3
32.5°	16.1
35°	6.9
37.5°	4.6
40°	2.3
42.5°	2.3
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
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)