

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: P1252664

Luminaire Tested: P3AS20R259030D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252664
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259030D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

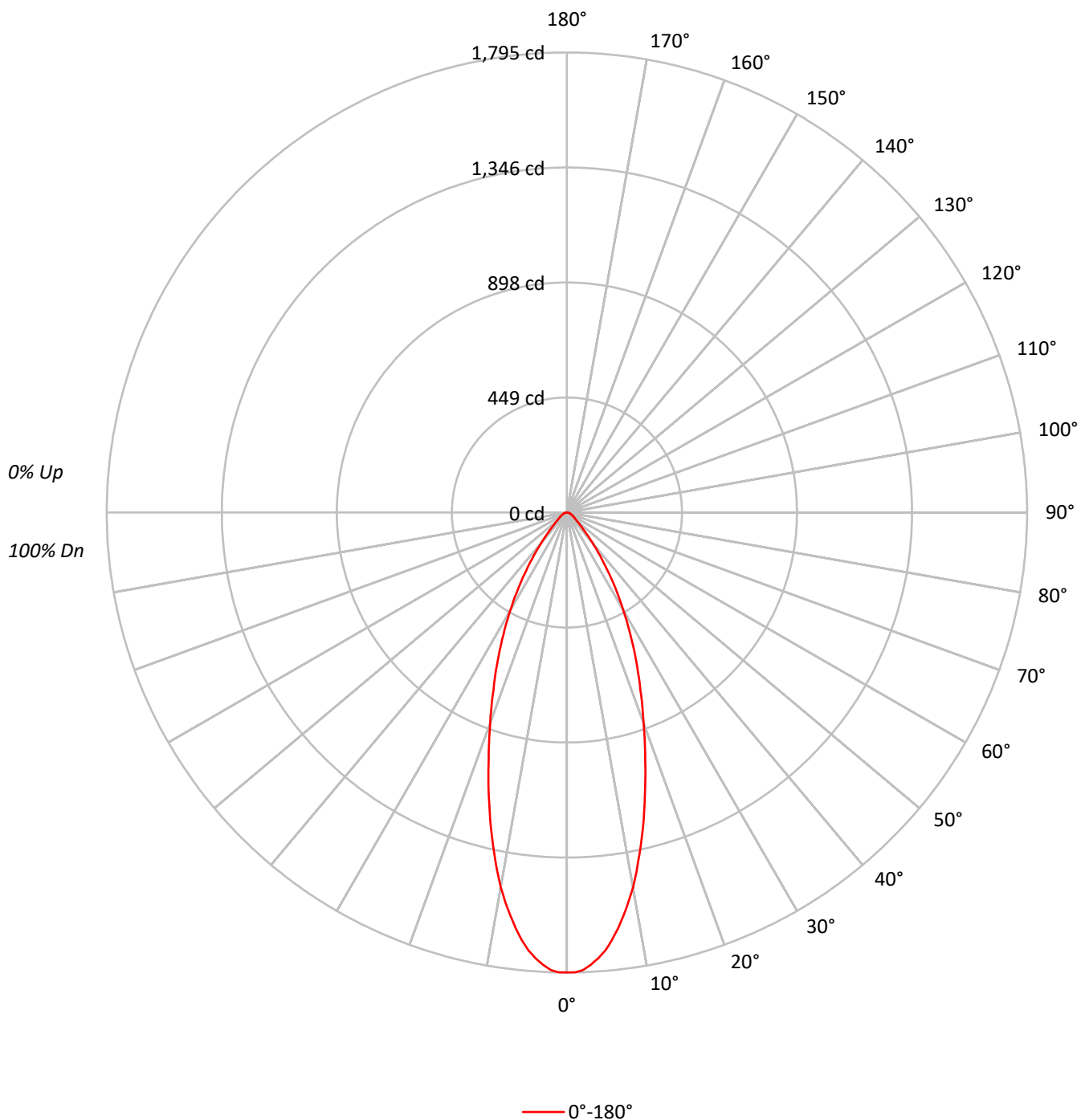
Lumens per Lamp: N/A
Luminaire Lumens: 1084.0 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	393543
5°	377569
10°	330767
15°	265859
20°	204278
25°	154557
30°	111688
35°	74204
40°	44999
45°	26204
50°	16716
55°	13572
60°	11841
65°	10533
70°	8655
75°	8557
80°	6440
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26204 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.1	14.4
10°-20°	323.9	29.9
20°-30°	292.9	27.0
30°-40°	175.9	16.2
40°-50°	69.9	6.4
50°-60°	32.2	3.0
60°-70°	19.6	1.8
70°-80°	10.4	1.0
80°-90°	3.0	0.3
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°	772.9	71.3
0°-40°	948.8	87.5
0°-60°	1050.9	96.9
0°-90°	1084.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1084.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1795	
5°	1715	156
15°	1171	324
25°	639	293
35°	277	176
45°	84	70
55°	36	32
65°	20	20
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1794.7
1°	1794.7
2°	1786.3
3°	1767.7
4°	1744.0
5°	1715.3
6°	1678.1
7°	1635.9
8°	1586.9
9°	1537.9
10°	1485.5
11°	1424.6
12°	1362.1
13°	1299.6
14°	1237.1
15°	1171.1
17.5°	1015.7
20°	875.4
22.5°	748.7
25°	638.8
27.5°	535.7
30°	441.1
32.5°	354.9
35°	277.2
37.5°	211.2
40°	157.2
42.5°	114.9
45°	84.5
47.5°	64.2
50°	49.0
52.5°	40.6
55°	35.5
57.5°	30.4
60°	27.0
62.5°	22.0
65°	20.3
67.5°	16.9
70°	13.5
72.5°	11.8
75°	10.1
77.5°	8.4
80°	5.1
82.5°	3.4
85°	3.4
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)