

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: P1274689

Luminaire Tested: P3AS20R259830D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274689
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: P3AS20R259830D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

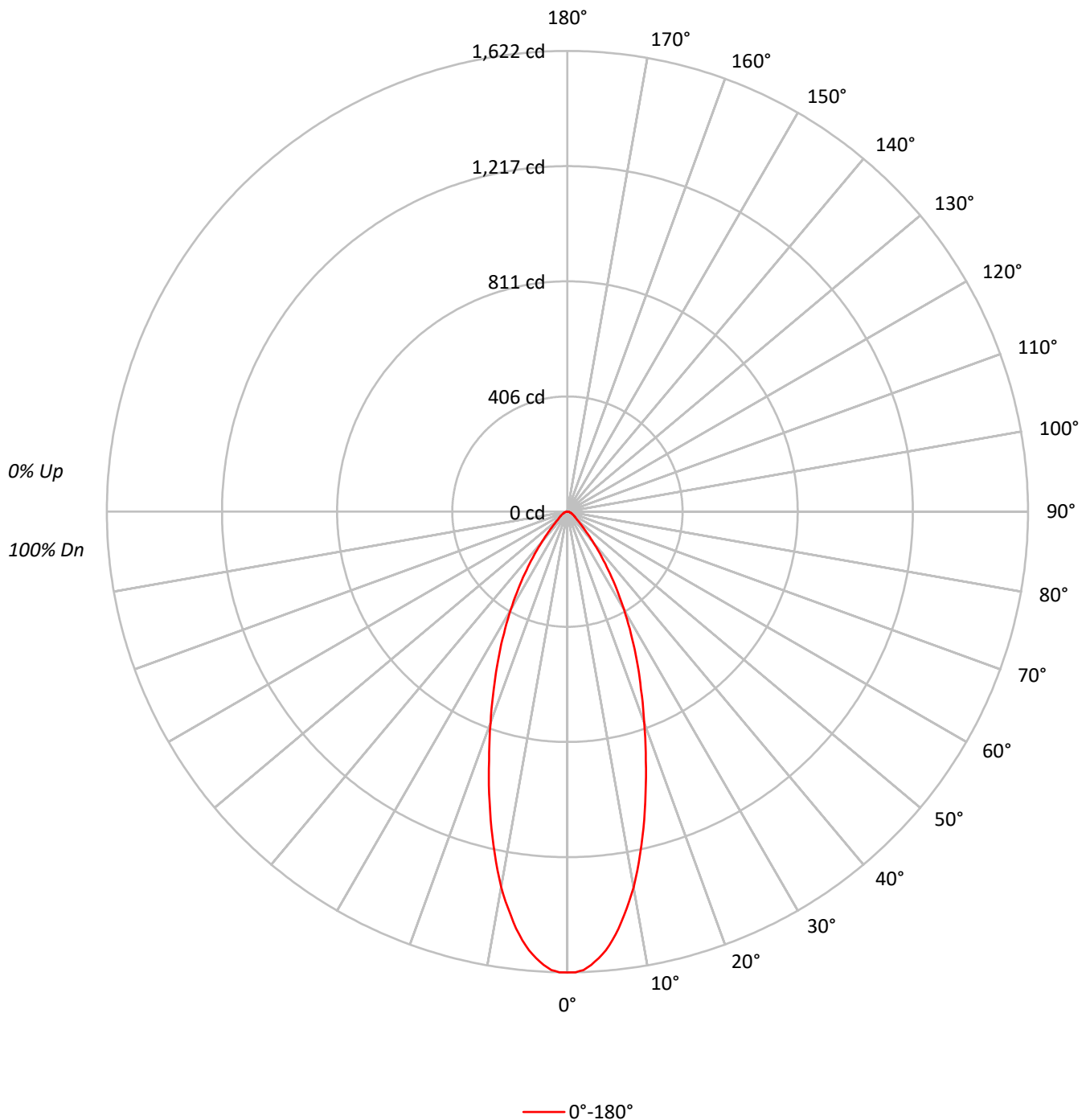
Lumens per Lamp: N/A
Luminaire Lumens: 980.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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					30					10					0
RW	70	50	30	10		70	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
1	113	110	108	105		111	108	106	104		104	102	101		100	99	98		97	96	95
2	107	102	98	95		105	101	97	94		97	94	92		94	92	90		92	90	88
3	102	95	90	86		100	94	89	86		91	87	84		89	86	83		87	84	82
4	97	89	84	79		95	88	83	79		86	81	78		84	80	77		82	79	76
5	92	84	78	74		91	83	77	73		81	76	73		79	75	72		78	74	71
6	88	79	73	69		86	78	72	68		77	72	68		75	71	67		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	80	70	65	60		79	70	64	60		69	64	60		68	63	60		67	63	60
9	76	67	61	57		75	66	61	57		65	60	57		65	60	57		64	59	56
10	73	64	58	54		72	63	58	54		62	57	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	355783
5°	341337
10°	299037
15°	240365
20°	184676
25°	139726
30°	100978
35°	67084
40°	40676
45°	23692
50°	15113
55°	12272
60°	10701
65°	9495
70°	7822
75°	7795
80°	5809
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23692 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.2	14.4
10°-20°	292.8	29.9
20°-30°	264.8	27.0
30°-40°	159.0	16.2
40°-50°	63.2	6.4
50°-60°	29.1	3.0
60°-70°	17.7	1.8
70°-80°	9.5	1.0
80°-90°	2.7	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°	698.7	71.3
0°-40°	857.8	87.5
0°-60°	950.1	96.9
0°-90°	980.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	980.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1622	
5°	1551	141
15°	1059	293
25°	578	265
35°	251	159
45°	76	63
55°	32	29
65°	18	18
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1622.5
1°	1622.5
2°	1614.9
3°	1598.1
4°	1576.7
5°	1550.7
6°	1517.1
7°	1478.9
8°	1434.6
9°	1390.3
10°	1343.0
11°	1288.0
12°	1231.4
13°	1174.9
14°	1118.4
15°	1058.8
17.5°	918.2
20°	791.4
22.5°	676.8
25°	577.5
27.5°	484.3
30°	398.8
32.5°	320.8
35°	250.6
37.5°	191.0
40°	142.1
42.5°	103.9
45°	76.4
47.5°	58.1
50°	44.3
52.5°	36.7
55°	32.1
57.5°	27.5
60°	24.4
62.5°	19.9
65°	18.3
67.5°	15.3
70°	12.2
72.5°	10.7
75°	9.2
77.5°	7.6
80°	4.6
82.5°	3.1
85°	3.1
87.5°	1.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)