

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: P1260618

Luminaire Tested: P3AS20R159050D010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

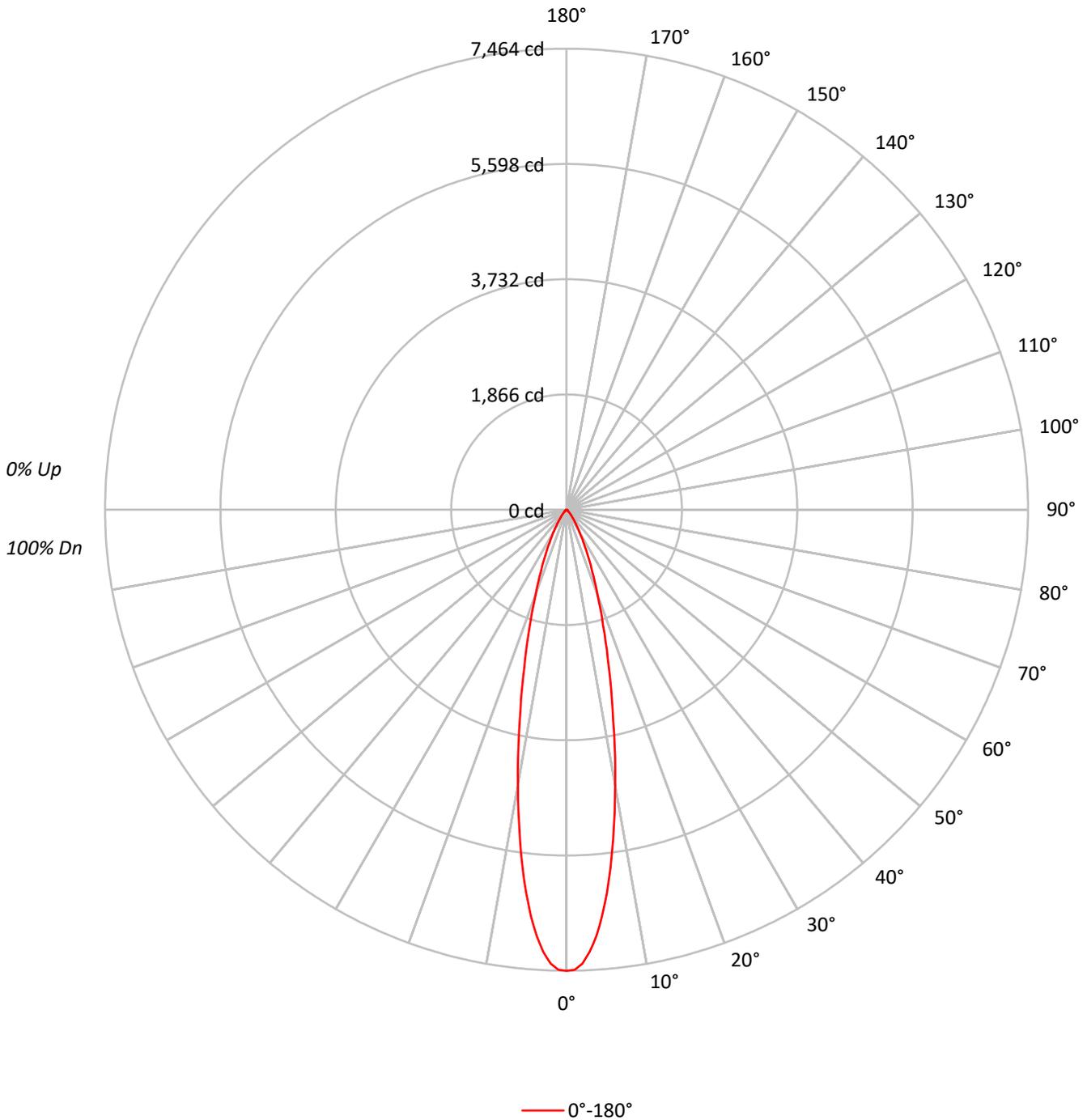
Test Method: LM-79-2019  
Report Number: P1260618  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R159050D010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1916.0 lumens  
Efficiency: N/A  
Efficacy: 66.5 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
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: P1260618  
CATALOG NUMBER: P3AS20R159050D010 E3DLP1WH

### Luminous Intensity Polar Plot





TEST NUMBER: P1260618  
 CATALOG NUMBER: P3AS20R159050D010 E3DLP1WH

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20					
RC	80				70				50				30				10			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94	93	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	90	88	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	86	85	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	82	81	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	80	79	78	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	76	75	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	73	72	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	72	71	70	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	68	67	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	66	65	67

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	1636777
5°	1452869
10°	1008955
15°	596689
20°	339833
25°	194261
30°	107485
35°	57313
40°	31688
45°	17180
50°	10712
55°	8449
60°	7280
65°	6693
70°	5898
75°	6270
80°	4672
85°	4529

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17180 cd/sqm



TEST NUMBER: P1260618  
 CATALOG NUMBER: P3AS20R159050D010 E3DLP1WH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	561.3	29.3
10°-20°	740.8	38.7
20°-30°	381.4	19.9
30°-40°	143.2	7.5
40°-50°	46.9	2.4
50°-60°	20.1	1.1
60°-70°	12.8	0.7
70°-80°	7.5	0.4
80°-90°	2.0	0.1
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°	1683.4	87.9
0°-40°	1826.6	95.3
0°-60°	1893.7	98.8
0°-90°	1916.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1916.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7464	
5°	6600	561
15°	2628	741
25°	803	381
35°	214	143
45°	55	47
55°	22	20
65°	13	13
75°	7	8
85°	2	2
90°	0	



TEST NUMBER: P1260618  
CATALOG NUMBER: P3AS20R159050D010 E3DLP1WH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	7464.3
1°	7449.5
2°	7351.7
3°	7165.2
4°	6919.8
5°	6600.4
6°	6238.7
7°	5841.8
8°	5400.7
9°	4965.1
10°	4531.3
12.5°	3486.6
15°	2628.4
17.5°	1967.6
20°	1456.3
22.5°	1087.2
25°	802.9
27.5°	585.1
30°	424.5
32.5°	300.9
35°	214.1
37.5°	153.2
40°	110.7
42.5°	79.4
45°	55.4
47.5°	40.6
50°	31.4
52.5°	25.8
55°	22.1
57.5°	18.5
60°	16.6
62.5°	14.8
65°	12.9
67.5°	11.1
70°	9.2
72.5°	9.2
75°	7.4
77.5°	5.5
80°	3.7
82.5°	3.7
85°	1.8
87.5°	0.0
90°	0.0

(END OF REPORT)