

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: P1258273

Luminaire Tested: P3AS20R609040D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

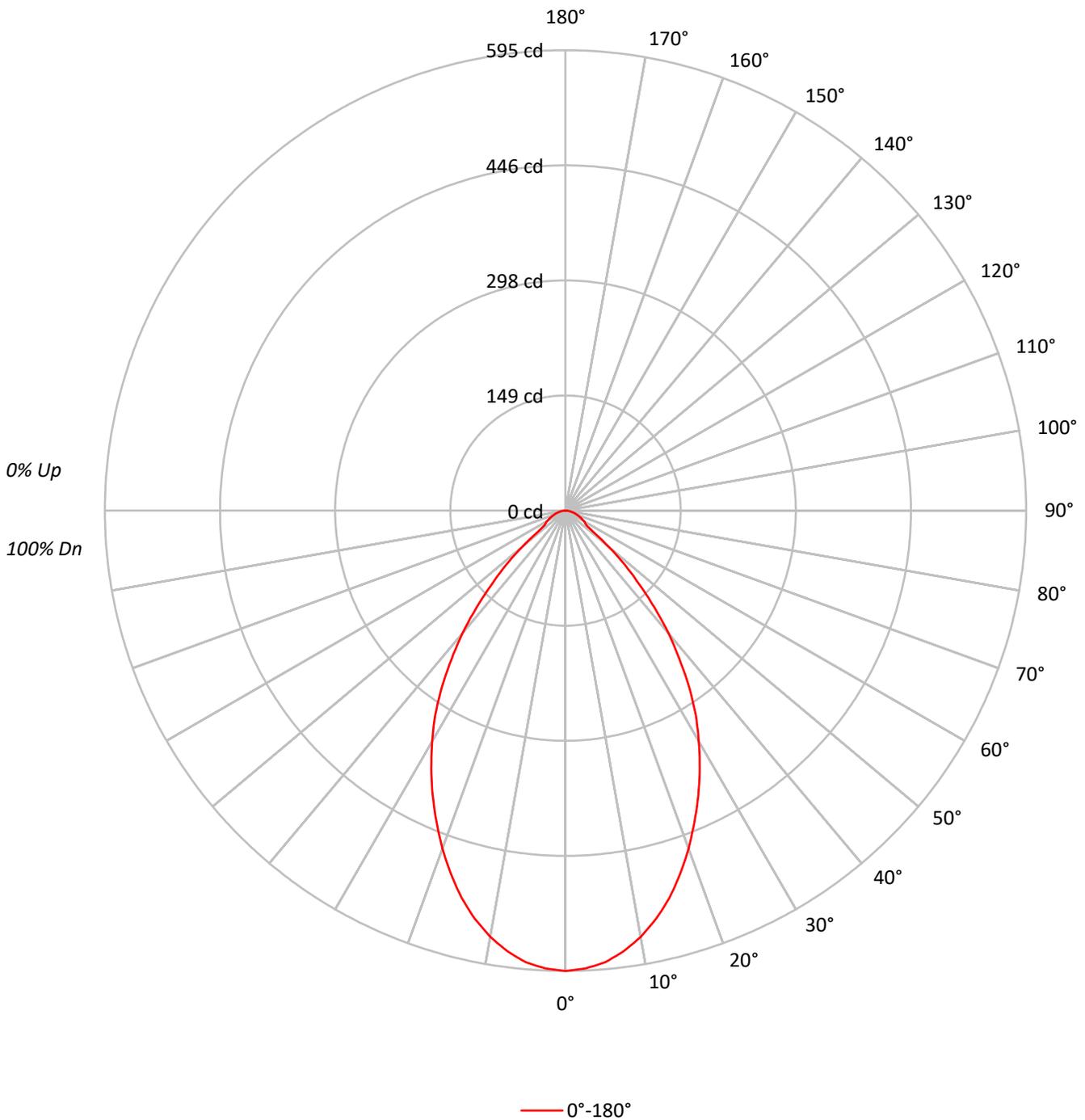
Test Method: LM-79-2019  
Report Number: P1258273  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R609040D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 735.0 lumens  
Efficiency: N/A  
Efficacy: 25.5 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
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: P1258273  
CATALOG NUMBER: P3AS20R609040D010 E3DLD1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1258273  
 CATALOG NUMBER: P3AS20R609040D010 E3DLD1GPH

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

RF	20				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				100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91				91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82				82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74				74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67				67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61				61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47				47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44				44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41				41

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

	0°
0°	130472
5°	129011
10°	124536
15°	117662
20°	108463
25°	98207
30°	87178
35°	74499
40°	59254
45°	41772
50°	24937
55°	12616
60°	12148
65°	11104
70°	10322
75°	9828
80°	8966
85°	6793

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 41772 cd/sqm



TEST NUMBER: P1258273  
 CATALOG NUMBER: P3AS20R609040D010 E3DLD1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.1	7.5
10°-20°	144.8	19.7
20°-30°	186.0	25.3
30°-40°	172.4	23.5
40°-50°	105.0	14.3
50°-60°	35.0	4.8
60°-70°	21.3	2.9
70°-80°	12.0	1.6
80°-90°	3.4	0.5
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°	385.9	52.5
0°-40°	558.3	76.0
0°-60°	698.3	95.0
0°-90°	735.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	735.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	595	
5°	586	55
15°	518	145
25°	406	186
35°	278	172
45°	135	105
55°	33	35
65°	21	21
75°	12	12
85°	3	3
90°	0	



TEST NUMBER: P1258273  
CATALOG NUMBER: P3AS20R609040D010 E3DLD1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	595.0
2.5°	592.3
5°	586.1
7.5°	574.5
10°	559.3
12.5°	540.6
15°	518.3
17.5°	492.4
20°	464.8
22.5°	435.3
25°	405.9
27.5°	375.6
30°	344.3
32.5°	313.1
35°	278.3
37.5°	241.7
40°	207.0
42.5°	170.4
45°	134.7
47.5°	104.4
50°	73.1
52.5°	43.7
55°	33.0
57.5°	30.3
60°	27.7
62.5°	24.1
65°	21.4
67.5°	18.7
70°	16.1
72.5°	13.4
75°	11.6
77.5°	8.9
80°	7.1
82.5°	4.5
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)