

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: P1258279

Luminaire Tested: P3AS20R609040D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258279
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609040D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

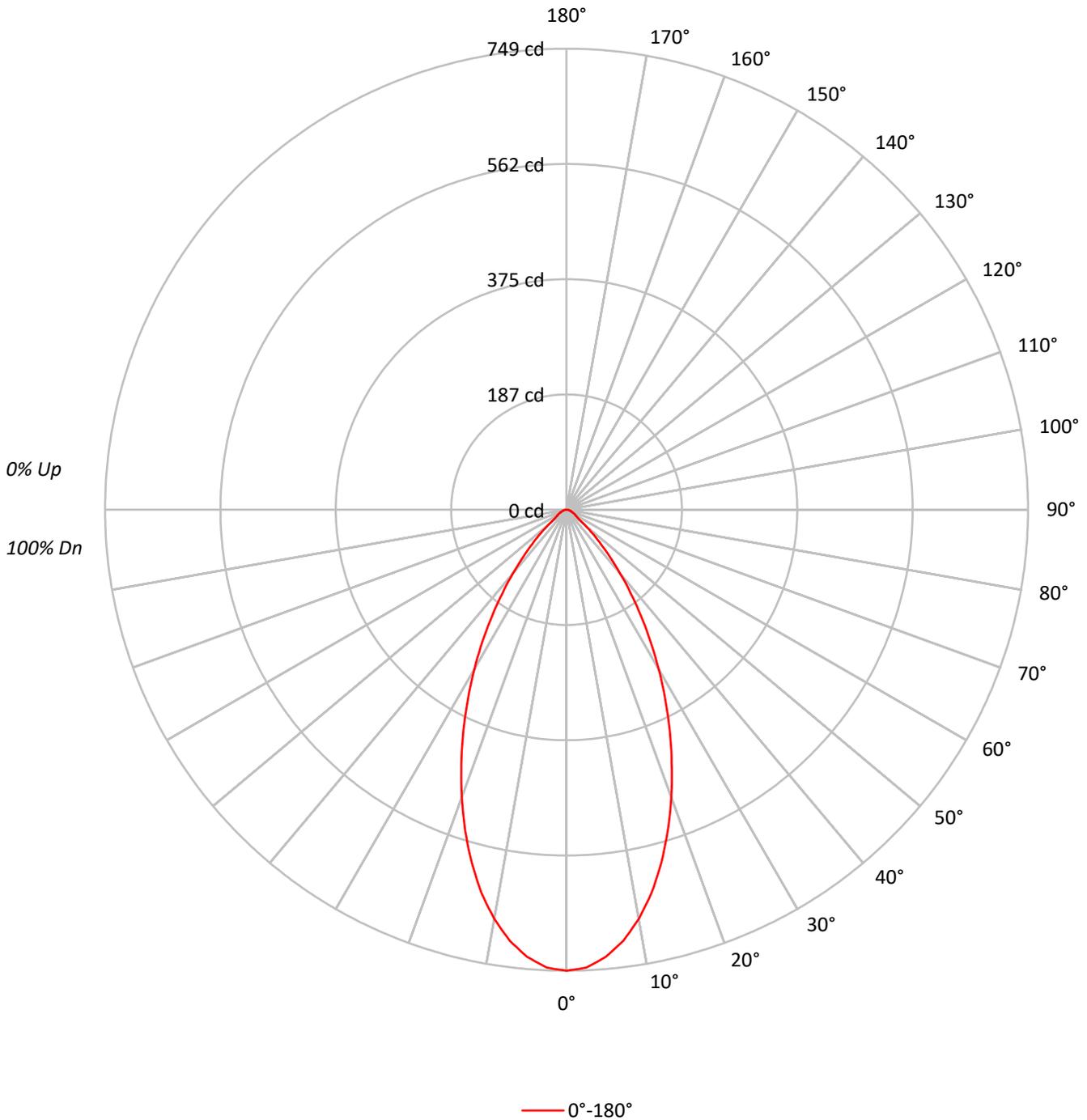
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 648.1 lumens
Efficiency: N/A
Efficacy: 22.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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: P1258279
CATALOG NUMBER: P3AS20R609040D010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1258279

CATALOG NUMBER: P3AS20R609040D010 E3DLP1GPH

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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	79	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	164219
5°	160532
10°	150298
15°	134848
20°	115953
25°	95885
30°	75758
35°	56269
40°	38758
45°	24313
50°	13373
55°	7837
60°	7017
65°	6019
70°	5129
75°	5253
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 24313 cd/sqm



TEST NUMBER: P1258279
 CATALOG NUMBER: P3AS20R609040D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.9	10.5
10°-20°	165.0	25.5
20°-30°	180.9	27.9
30°-40°	131.8	20.3
40°-50°	62.3	9.6
50°-60°	20.4	3.1
60°-70°	11.6	1.8
70°-80°	6.2	1.0
80°-90°	2.0	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°	413.8	63.9
0°-40°	545.6	84.2
0°-60°	628.3	97.0
0°-90°	648.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	648.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	749	
5°	729	68
15°	594	165
25°	396	181
35°	210	132
45°	78	62
55°	20	20
65°	12	12
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1258279

CATALOG NUMBER: P3AS20R609040D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	748.9
2.5°	744.5
5°	729.3
7.5°	706.2
10°	675.0
12.5°	637.6
15°	594.0
17.5°	546.8
20°	496.9
22.5°	446.1
25°	396.3
27.5°	346.4
30°	299.2
32.5°	253.8
35°	210.2
37.5°	171.0
40°	135.4
42.5°	104.2
45°	78.4
47.5°	57.0
50°	39.2
52.5°	25.8
55°	20.5
57.5°	17.8
60°	16.0
62.5°	13.4
65°	11.6
67.5°	9.8
70°	8.0
72.5°	7.1
75°	6.2
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)