

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: P1258167

Luminaire Tested: P3AS20R409040D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258167
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409040D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

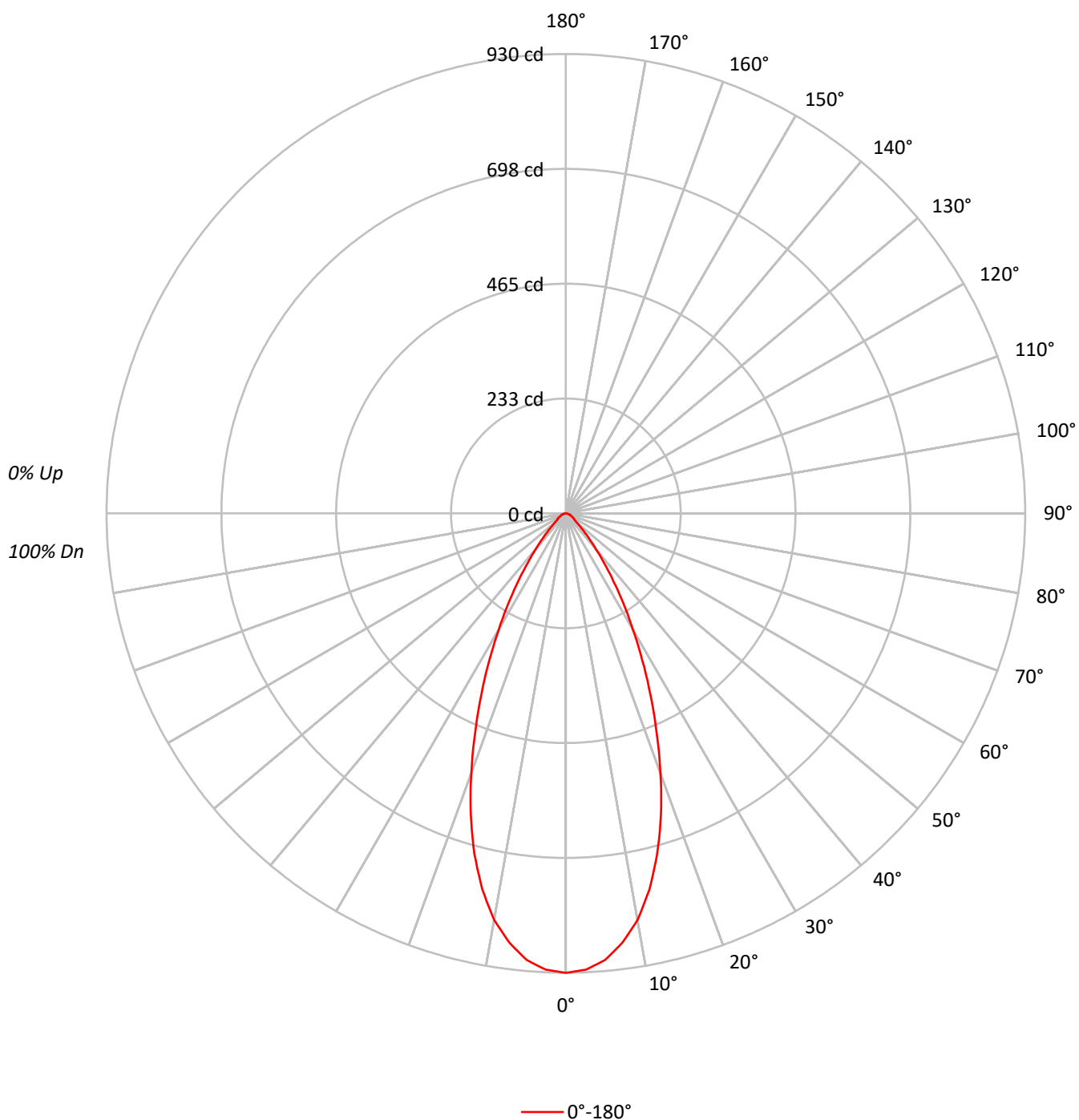
Lumens per Lamp: N/A
Luminaire Lumens: 655.0 lumens
Efficiency: N/A
Efficacy: 22.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258167

CATALOG NUMBER: P3AS20R409040D010 E3DLP1GPH

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	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	203953
5°	199823
10°	186058
15°	162158
20°	130678
25°	97965
30°	68871
35°	45106
40°	27308
45°	16312
50°	9722
55°	7837
60°	7061
65°	6019
70°	5706
75°	4575
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16312 cd/sqm

TEST NUMBER: P1258167

CATALOG NUMBER: P3AS20R409040D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.3	12.9
10°-20°	196.7	30.0
20°-30°	185.4	28.3
30°-40°	107.2	16.4
40°-50°	42.7	6.5
50°-60°	18.9	2.9
60°-70°	11.7	1.8
70°-80°	6.1	0.9
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°	466.4	71.2
0°-40°	573.6	87.6
0°-60°	635.2	97.0
0°-90°	655.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	655.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	930	
5°	908	84
15°	714	197
25°	405	185
35°	168	107
45°	53	43
55°	20	19
65°	12	12
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	930.1
2.5°	924.7
5°	907.8
7.5°	876.6
10°	835.6
12.5°	780.3
15°	714.3
17.5°	640.3
20°	560.0
22.5°	479.8
25°	404.9
27.5°	335.3
30°	272.0
32.5°	216.7
35°	168.5
37.5°	127.5
40°	95.4
42.5°	71.3
45°	52.6
47.5°	38.3
50°	28.5
52.5°	23.2
55°	20.5
57.5°	18.7
60°	16.1
62.5°	13.4
65°	11.6
67.5°	9.8
70°	8.9
72.5°	7.1
75°	5.4
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)