

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: P1272650

Luminaire Tested: P3AS20R309827D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272650
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309827D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

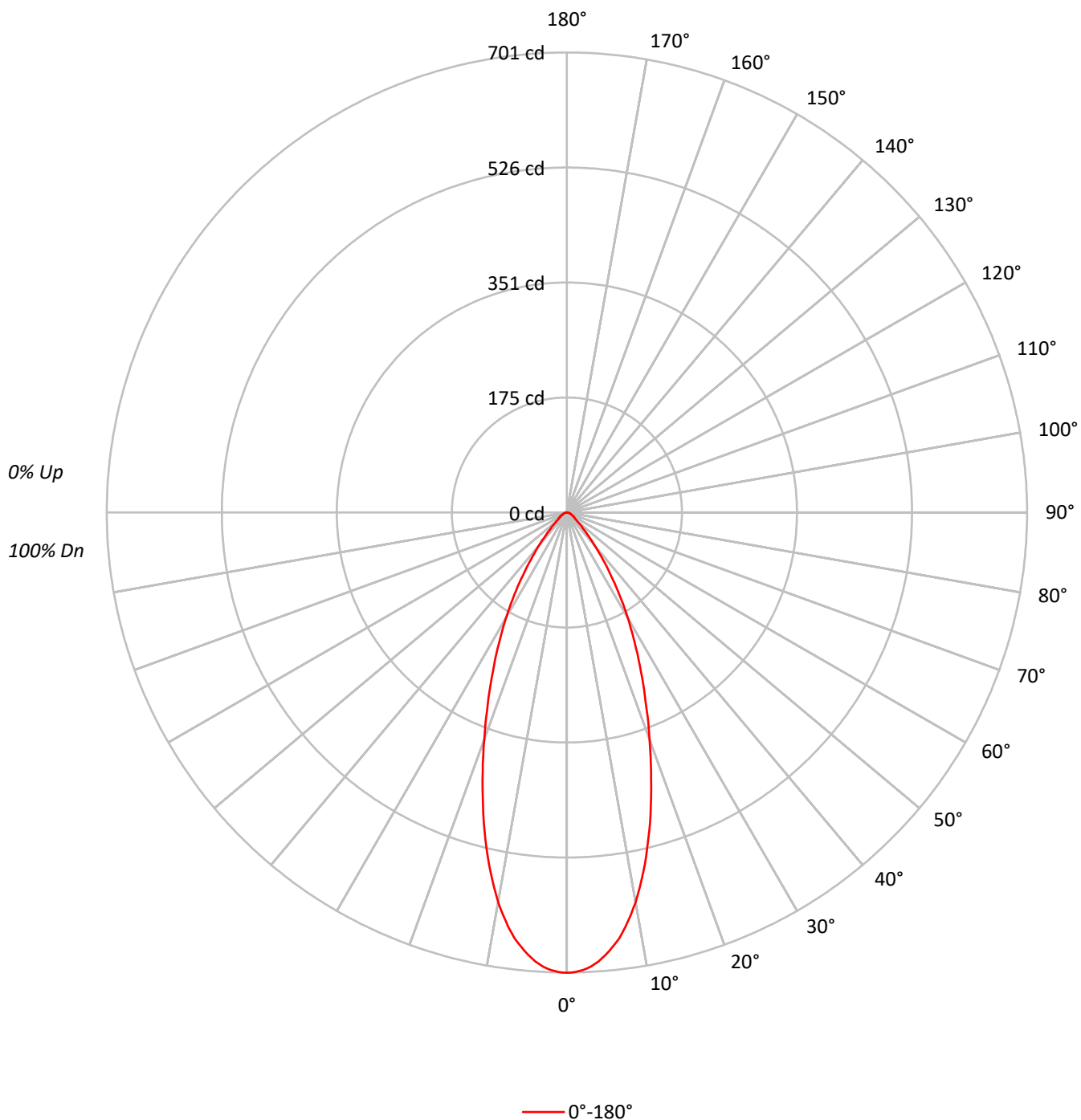
Lumens per Lamp: N/A
Luminaire Lumens: 450.0 lumens
Efficiency: N/A
Efficacy: 16.4 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1272650

CATALOG NUMBER: P3AS20R309827D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1272650

CATALOG NUMBER: P3AS20R309827D010 E3DLP1GPH

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	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153782
5°	148976
10°	134244
15°	111034
20°	85967
25°	64480
30°	46817
35°	31186
40°	19179
45°	11257
50°	6891
55°	5620
60°	4912
65°	3995
70°	3590
75°	3558
80°	2652
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11257 cd/sqm

TEST NUMBER: P1272650

CATALOG NUMBER: P3AS20R309827D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.3	13.8
10°-20°	134.7	29.9
20°-30°	122.6	27.2
30°-40°	74.1	16.5
40°-50°	29.7	6.6
50°-60°	13.2	2.9
60°-70°	8.0	1.8
70°-80°	4.3	1.0
80°-90°	1.2	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°	319.5	71.0
0°-40°	393.6	87.5
0°-60°	436.5	97.0
0°-90°	450.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	450.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	701	
5°	677	62
15°	489	135
25°	266	123
35°	116	74
45°	36	30
55°	15	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1272650

CATALOG NUMBER: P3AS20R309827D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	701.3
1°	700.6
2°	697.8
3°	692.9
4°	685.9
5°	676.8
6°	665.7
7°	653.8
8°	638.5
9°	621.0
10°	602.9
11°	581.9
12°	559.6
13°	537.3
14°	512.9
15°	489.1
17.5°	427.0
20°	368.4
22.5°	314.0
25°	266.5
27.5°	223.3
30°	184.9
32.5°	149.3
35°	116.5
37.5°	89.3
40°	67.0
42.5°	48.8
45°	36.3
47.5°	27.2
50°	20.2
52.5°	16.0
55°	14.7
57.5°	12.6
60°	11.2
62.5°	9.1
65°	7.7
67.5°	7.0
70°	5.6
72.5°	4.9
75°	4.2
77.5°	3.5
80°	2.1
82.5°	1.4
85°	1.4
87.5°	0.7



TEST NUMBER: P1272650

CATALOG NUMBER: P3AS20R309827D010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)