

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: P1247612

Luminaire Tested: P3A20R309024D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247612
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R309024D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

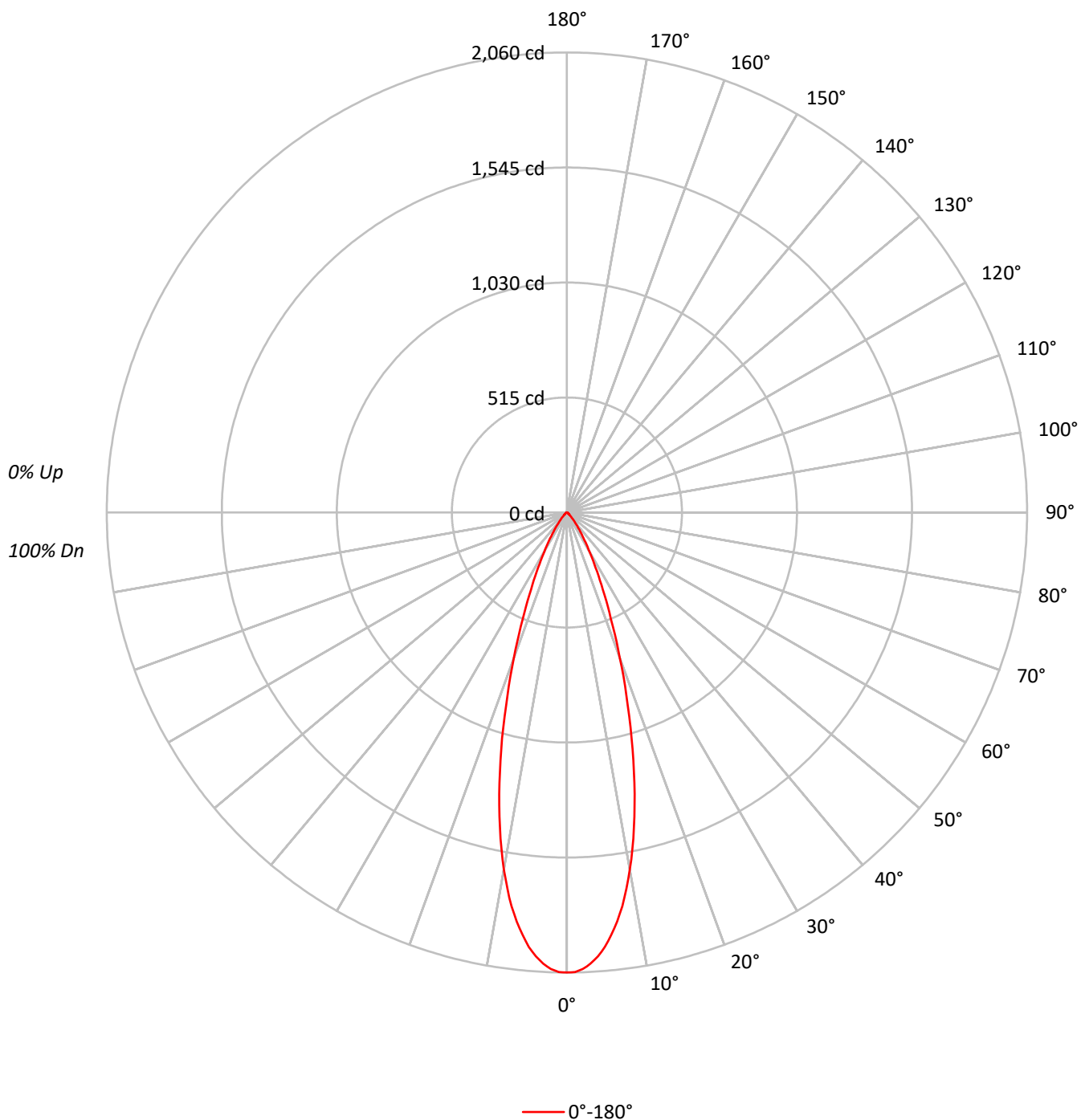
Lumens per Lamp: N/A
Luminaire Lumens: 774.0 lumens
Efficiency: N/A
Efficacy: 26.9 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247612

CATALOG NUMBER: P3A20R309024D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1247612

CATALOG NUMBER: P3A20R309024D010 E3DL1GPH

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	451652
5°	429891
10°	361583
15°	260773
20°	161737
25°	91989
30°	51096
35°	27786
40°	14656
45°	7939
50°	4230
55°	2791
60°	2544
65°	2646
70°	2372
75°	1864
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7939 cd/sqm

TEST NUMBER: P1247612

CATALOG NUMBER: P3A20R309024D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.8	22.7
10°-20°	312.6	40.4
20°-30°	180.7	23.3
30°-40°	68.6	8.9
40°-50°	21.0	2.7
50°-60°	7.1	0.9
60°-70°	4.8	0.6
70°-80°	2.6	0.3
80°-90°	0.8	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°	669.1	86.4
0°-40°	737.7	95.3
0°-60°	765.8	98.9
0°-90°	774.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	774.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2060	
5°	1953	176
15°	1149	313
25°	380	181
35°	104	69
45°	26	21
55°	7	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1247612

CATALOG NUMBER: P3A20R309024D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2059.7
1°	2058.2
2°	2045.8
3°	2022.4
4°	1993.2
5°	1953.0
6°	1901.8
7°	1844.7
8°	1781.1
9°	1705.1
10°	1623.9
11°	1536.2
12°	1443.3
13°	1346.1
14°	1247.4
15°	1148.7
17.5°	905.9
20°	693.1
22.5°	514.0
25°	380.2
27.5°	276.4
30°	201.8
32.5°	145.5
35°	103.8
37.5°	72.4
40°	51.2
42.5°	35.8
45°	25.6
47.5°	17.5
50°	12.4
52.5°	8.8
55°	7.3
57.5°	6.6
60°	5.8
62.5°	5.1
65°	5.1
67.5°	4.4
70°	3.7
72.5°	2.9
75°	2.2
77.5°	2.2
80°	1.5
82.5°	1.5
85°	0.7
87.5°	0.0



TEST NUMBER: P1247612
CATALOG NUMBER: P3A20R309024D010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)