

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: P1260490

Luminaire Tested: P3AS17R559050DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260490
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559050DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

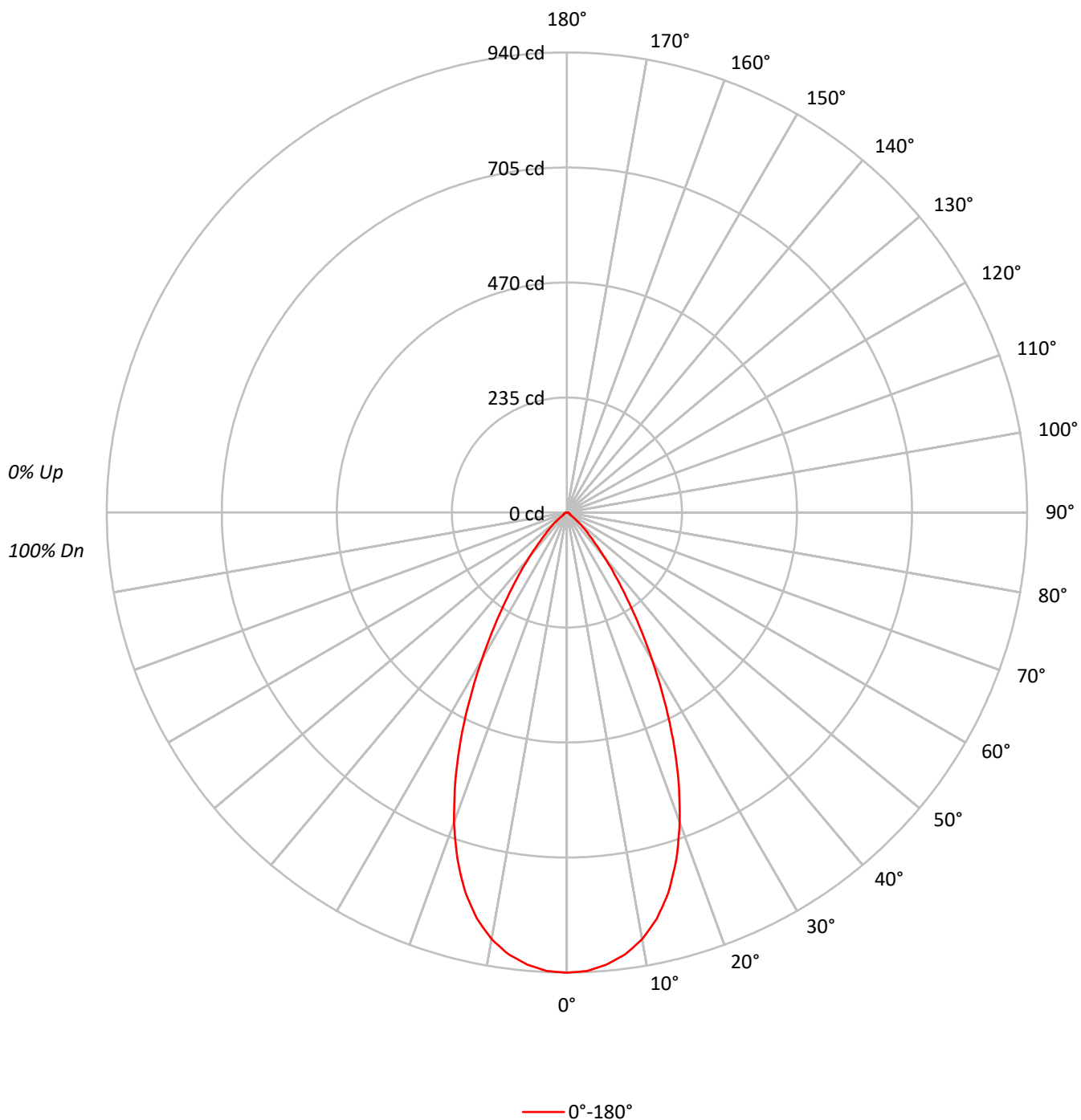
Lumens per Lamp: N/A
Luminaire Lumens: 751.0 lumens
Efficiency: N/A
Efficacy: 35.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1260490

CATALOG NUMBER: P3AS17R559050DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1260490

CATALOG NUMBER: P3AS17R559050DE010 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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	206212
5°	204116
10°	197124
15°	182203
20°	157234
25°	124193
30°	88090
35°	56804
40°	34121
45°	19227
50°	10337
55°	3670
60°	3333
65°	3217
70°	3077
75°	2881
80°	2652
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19227 cd/sqm

TEST NUMBER: P1260490

CATALOG NUMBER: P3AS17R559050DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.2	11.6
10°-20°	222.0	29.6
20°-30°	232.6	31.0
30°-40°	135.7	18.1
40°-50°	50.8	6.8
50°-60°	11.9	1.6
60°-70°	6.1	0.8
70°-80°	3.6	0.5
80°-90°	1.0	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°	541.8	72.1
0°-40°	677.5	90.2
0°-60°	740.2	98.6
0°-90°	751.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	751.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	940	
5°	927	87
15°	803	222
25°	513	233
35°	212	136
45°	62	51
55°	10	12
65°	6	6
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1260490

CATALOG NUMBER: P3AS17R559050DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	940.4
2.5°	937.7
5°	927.3
7.5°	910.8
10°	885.3
12.5°	849.5
15°	802.6
17.5°	743.4
20°	673.8
22.5°	596.0
25°	513.3
27.5°	428.5
30°	347.9
32.5°	274.9
35°	212.2
37.5°	161.2
40°	119.2
42.5°	85.4
45°	62.0
47.5°	44.8
50°	30.3
52.5°	17.2
55°	9.6
57.5°	8.3
60°	7.6
62.5°	6.9
65°	6.2
67.5°	5.5
70°	4.8
72.5°	4.1
75°	3.4
77.5°	2.8
80°	2.1
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)