

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: P1251320

Luminaire Tested: P3AS05R559030DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251320
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: P3AS05R559030DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

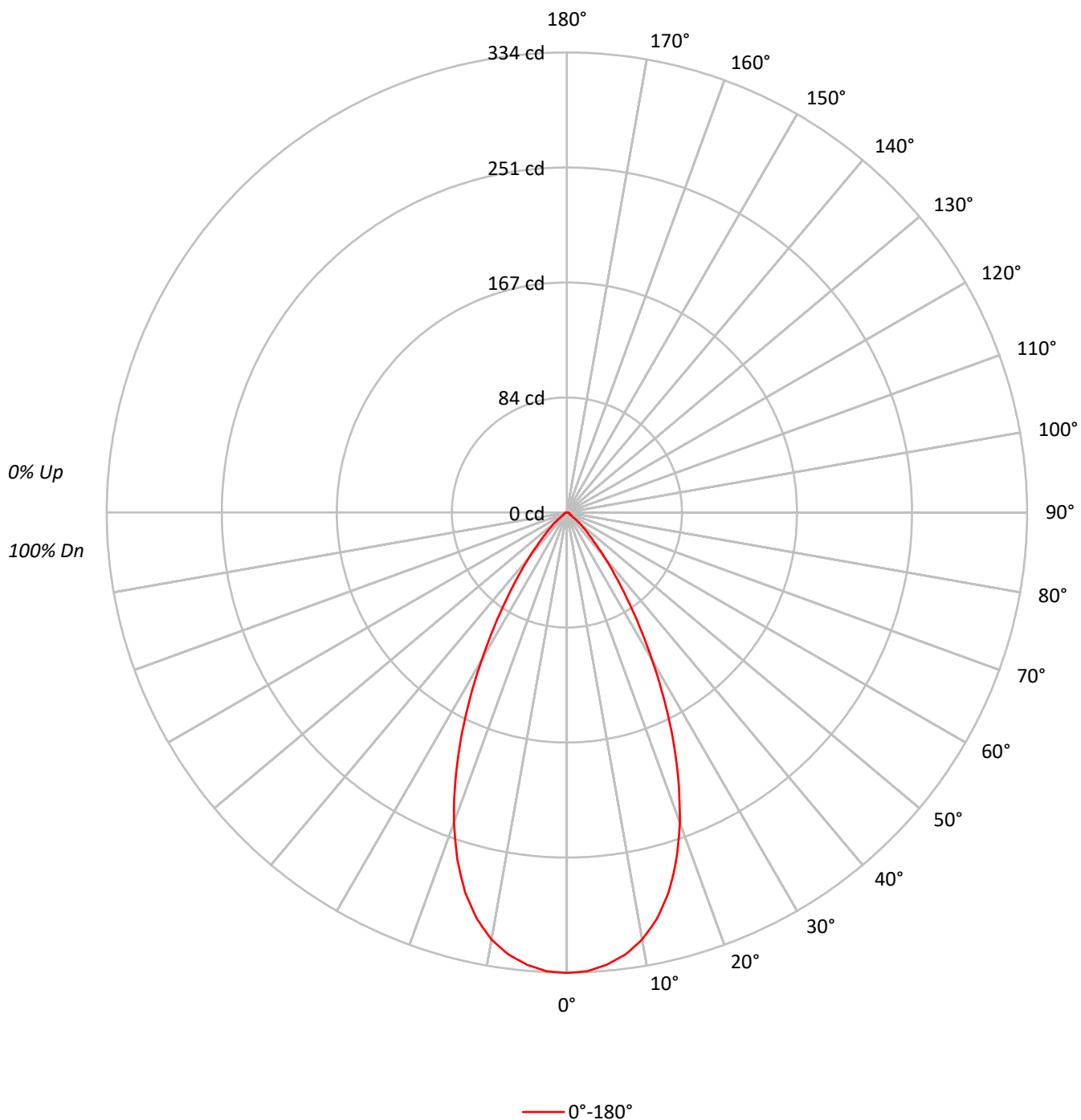
Lumens per Lamp: N/A
Luminaire Lumens: 267.0 lumens
Efficiency: N/A
Efficacy: 37.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1251320

CATALOG NUMBER: P3AS05R559030DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1251320

CATALOG NUMBER: P3AS05R559030DE010 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	95	90	86	92	88	85		89	86	84		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		83
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	69	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		68	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	63	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73306
5°	72573
10°	70094
15°	64790
20°	55912
25°	44156
30°	31321
35°	20184
40°	12137
45°	6822
50°	3684
55°	1300
60°	1184
65°	1141
70°	1090
75°	1017
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6822 cd/sqm

TEST NUMBER: P1251320

CATALOG NUMBER: P3AS05R559030DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.0	11.6
10°-20°	78.9	29.6
20°-30°	82.7	31.0
30°-40°	48.2	18.1
40°-50°	18.0	6.8
50°-60°	4.2	1.6
60°-70°	2.2	0.8
70°-80°	1.3	0.5
80°-90°	0.3	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°	192.6	72.2
0°-40°	240.9	90.2
0°-60°	263.1	98.6
0°-90°	267.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	267.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	334	
5°	330	31
15°	285	79
25°	182	83
35°	75	48
45°	22	18
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1251320

CATALOG NUMBER: P3AS05R559030DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	334.3
2.5°	333.4
5°	329.7
7.5°	323.8
10°	314.8
12.5°	302.0
15°	285.4
17.5°	264.3
20°	239.6
22.5°	211.9
25°	182.5
27.5°	152.4
30°	123.7
32.5°	97.7
35°	75.4
37.5°	57.3
40°	42.4
42.5°	30.4
45°	22.0
47.5°	15.9
50°	10.8
52.5°	6.1
55°	3.4
57.5°	2.9
60°	2.7
62.5°	2.4
65°	2.2
67.5°	2.0
70°	1.7
72.5°	1.5
75°	1.2
77.5°	1.0
80°	0.7
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)