

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: P1256651

Luminaire Tested: P3AS05R409040DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256651
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R409040DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

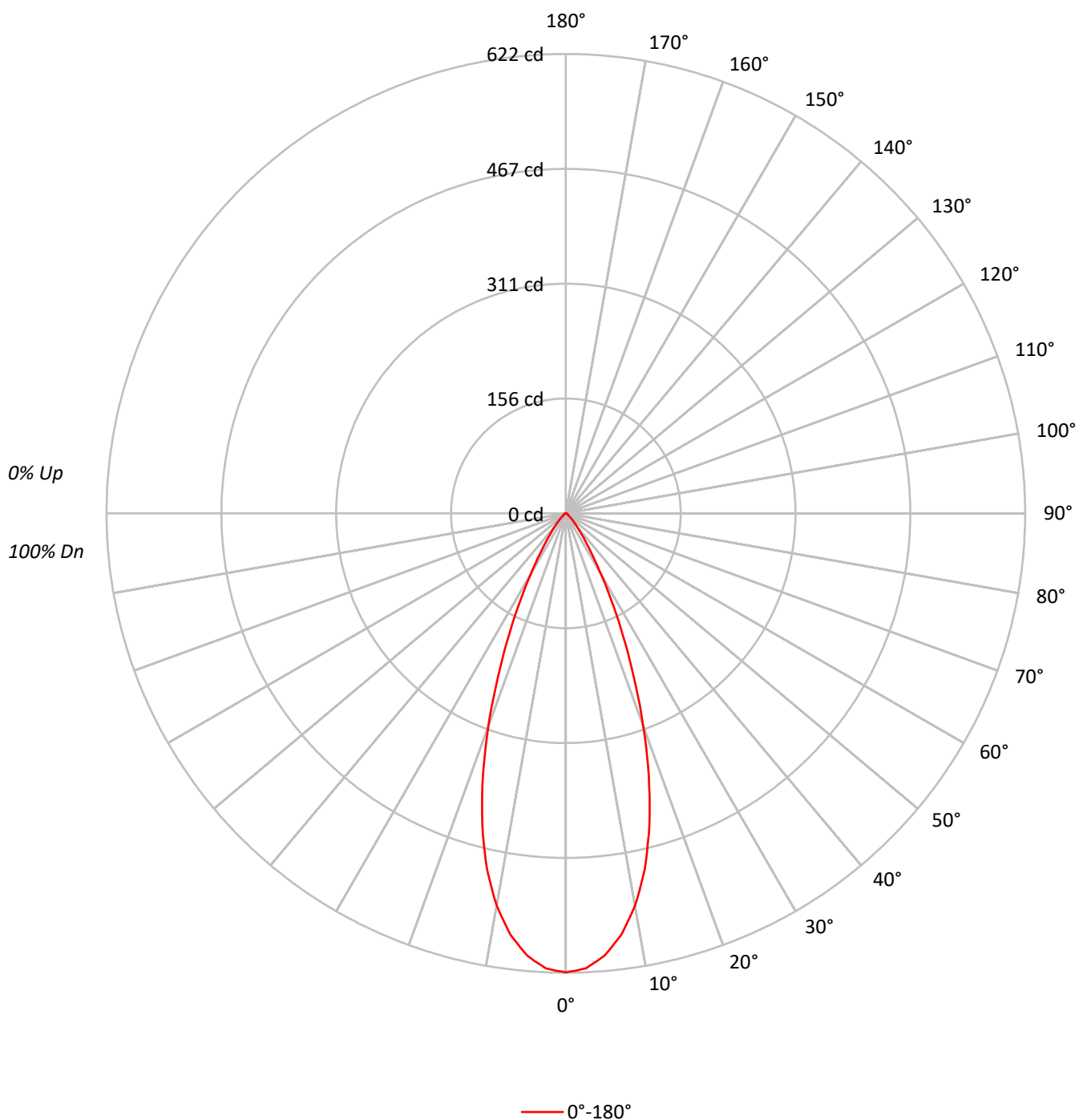
Lumens per Lamp: N/A
Luminaire Lumens: 308.0 lumens
Efficiency: N/A
Efficacy: 42.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1256651

CATALOG NUMBER: P3AS05R409040DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1256651

CATALOG NUMBER: P3AS05R409040DE010 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	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	87	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	77	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	136283
5°	132335
10°	120082
15°	99206
20°	71570
25°	44253
30°	23953
35°	12394
40°	6727
45°	3783
50°	1910
55°	1415
60°	1272
65°	1245
70°	1218
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3783 cd/sqm

TEST NUMBER: P1256651

CATALOG NUMBER: P3AS05R409040DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.4	18.0
10°-20°	119.0	38.6
20°-30°	84.9	27.6
30°-40°	31.3	10.2
40°-50°	9.9	3.2
50°-60°	3.4	1.1
60°-70°	2.4	0.8
70°-80°	1.4	0.5
80°-90°	0.4	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°	259.3	84.2
0°-40°	290.6	94.3
0°-60°	303.9	98.6
0°-90°	308.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	308.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	622	
5°	601	55
15°	437	119
25°	183	85
35°	46	31
45°	12	10
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1256651

CATALOG NUMBER: P3AS05R409040DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	621.5
2.5°	616.8
5°	601.2
7.5°	575.3
10°	539.3
12.5°	493.6
15°	437.0
17.5°	373.5
20°	306.7
22.5°	240.8
25°	182.9
27.5°	134.3
30°	94.6
32.5°	66.4
35°	46.3
37.5°	32.8
40°	23.5
42.5°	16.9
45°	12.2
47.5°	8.2
50°	5.6
52.5°	4.0
55°	3.7
57.5°	3.4
60°	2.9
62.5°	2.6
65°	2.4
67.5°	2.1
70°	1.9
72.5°	1.6
75°	1.3
77.5°	1.1
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)