

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: P1250836

Luminaire Tested: P3AS02R409030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250836
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

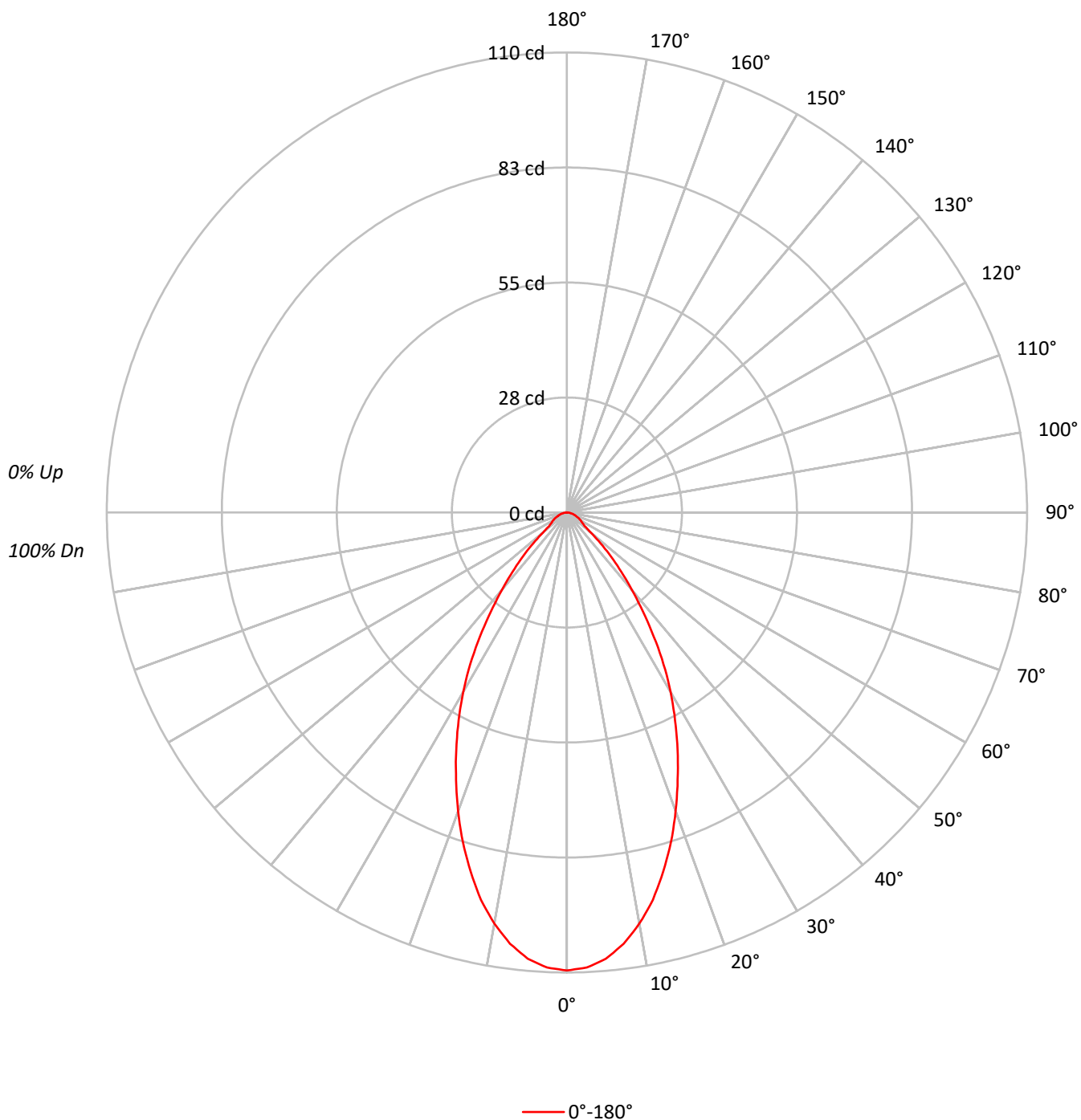
Lumens per Lamp: N/A
Luminaire Lumens: 107.0 lumens
Efficiency: N/A
Efficacy: 29.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1250836

CATALOG NUMBER: P3AS02R409030DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1250836

CATALOG NUMBER: P3AS02R409030DE010 E3DLD1GPH

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		60
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	24011
5°	23575
10°	22222
15°	20182
20°	17735
25°	15146
30°	12559
35°	9690
40°	6899
45°	4652
50°	2524
55°	1797
60°	1667
65°	1557
70°	1410
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4652 cd/sqm

TEST NUMBER: P1250836

CATALOG NUMBER: P3AS02R409030DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	9.3
10°-20°	24.8	23.1
20°-30°	28.6	26.8
30°-40°	22.6	21.1
40°-50°	11.6	10.8
50°-60°	4.4	4.1
60°-70°	2.9	2.7
70°-80°	1.6	1.5
80°-90°	0.5	0.4
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°	63.4	59.2
0°-40°	86.0	80.3
0°-60°	102.0	95.3
0°-90°	107.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	107.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	110	
5°	107	10
15°	89	25
25°	63	29
35°	36	23
45°	15	12
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1250836

CATALOG NUMBER: P3AS02R409030DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	109.5
2.5°	108.9
5°	107.1
7.5°	104.0
10°	99.8
12.5°	94.9
15°	88.9
17.5°	82.7
20°	76.0
22.5°	69.2
25°	62.6
27.5°	56.0
30°	49.6
32.5°	43.0
35°	36.2
37.5°	29.8
40°	24.1
42.5°	19.2
45°	15.0
47.5°	10.9
50°	7.4
52.5°	5.4
55°	4.7
57.5°	4.2
60°	3.8
62.5°	3.4
65°	3.0
67.5°	2.5
70°	2.2
72.5°	1.8
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.7
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)