

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: P1257145

Luminaire Tested: P3AS09R609040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257145
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

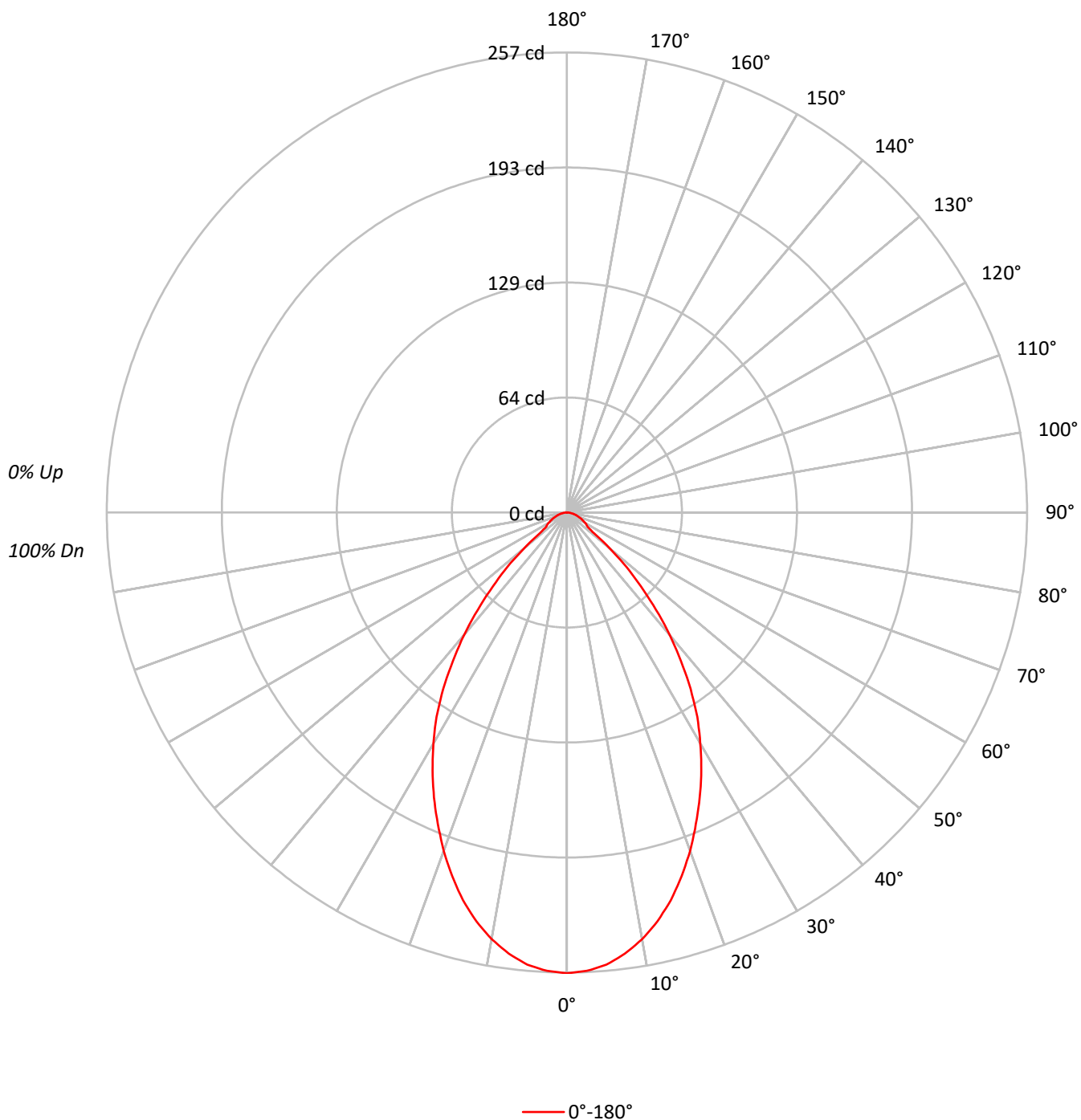
Lumens per Lamp: N/A
Luminaire Lumens: 318.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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

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Luminous Intensity Polar Plot



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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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	56443
5°	55822
10°	53885
15°	50897
20°	46927
25°	42486
30°	37727
35°	32230
40°	25619
45°	18079
50°	10780
55°	5467
60°	5263
65°	4825
70°	4424
75°	4236
80°	3915
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18079 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	7.5
10°-20°	62.7	19.7
20°-30°	80.5	25.3
30°-40°	74.6	23.5
40°-50°	45.4	14.3
50°-60°	15.1	4.8
60°-70°	9.2	2.9
70°-80°	5.2	1.6
80°-90°	1.5	0.5
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°	167.0	52.5
0°-40°	241.6	76.0
0°-60°	302.1	95.0
0°-90°	318.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	318.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	257	
5°	254	24
15°	224	63
25°	176	80
35°	120	75
45°	58	45
55°	14	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	257.4
2.5°	256.3
5°	253.6
7.5°	248.6
10°	242.0
12.5°	233.9
15°	224.2
17.5°	213.0
20°	201.1
22.5°	188.3
25°	175.6
27.5°	162.5
30°	149.0
32.5°	135.5
35°	120.4
37.5°	104.6
40°	89.5
42.5°	73.7
45°	58.3
47.5°	45.2
50°	31.6
52.5°	18.9
55°	14.3
57.5°	13.1
60°	12.0
62.5°	10.4
65°	9.3
67.5°	8.1
70°	6.9
72.5°	5.8
75°	5.0
77.5°	3.9
80°	3.1
82.5°	1.9
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)