

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: P1250946

Luminaire Tested: P3AS02R609030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250946
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

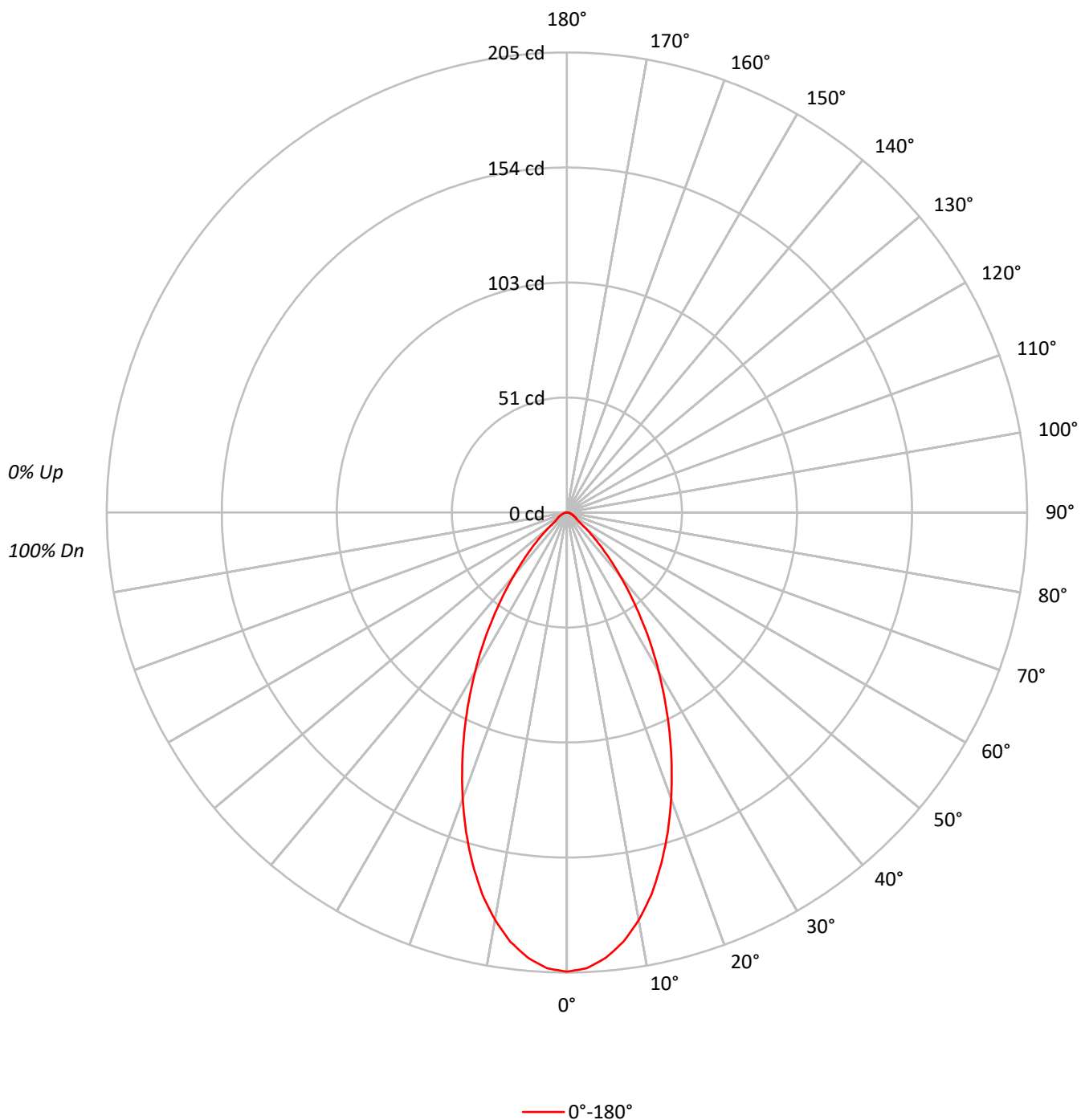
Lumens per Lamp: N/A
Luminaire Lumens: 177.0 lumens
Efficiency: N/A
Efficacy: 49.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44865
5°	43848
10°	41059
15°	36822
20°	31666
25°	26179
30°	20687
35°	15366
40°	10591
45°	6636
50°	3650
55°	2141
60°	1930
65°	1660
70°	1410
75°	1440
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6636 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.5	10.5
10°-20°	45.1	25.5
20°-30°	49.4	27.9
30°-40°	36.0	20.3
40°-50°	17.0	9.6
50°-60°	5.6	3.2
60°-70°	3.2	1.8
70°-80°	1.7	1.0
80°-90°	0.5	0.3
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°	113.0	63.8
0°-40°	149.0	84.2
0°-60°	171.6	97.0
0°-90°	177.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	177.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	205	
5°	199	19
15°	162	45
25°	108	49
35°	57	36
45°	21	17
55°	6	6
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	204.6
2.5°	203.3
5°	199.2
7.5°	192.9
10°	184.4
12.5°	174.2
15°	162.2
17.5°	149.3
20°	135.7
22.5°	121.9
25°	108.2
27.5°	94.6
30°	81.7
32.5°	69.3
35°	57.4
37.5°	46.7
40°	37.0
42.5°	28.5
45°	21.4
47.5°	15.6
50°	10.7
52.5°	7.1
55°	5.6
57.5°	4.9
60°	4.4
62.5°	3.6
65°	3.2
67.5°	2.7
70°	2.2
72.5°	1.9
75°	1.7
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)