

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: P1246301

Luminaire Tested: P3A05R659024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246301
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R659024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

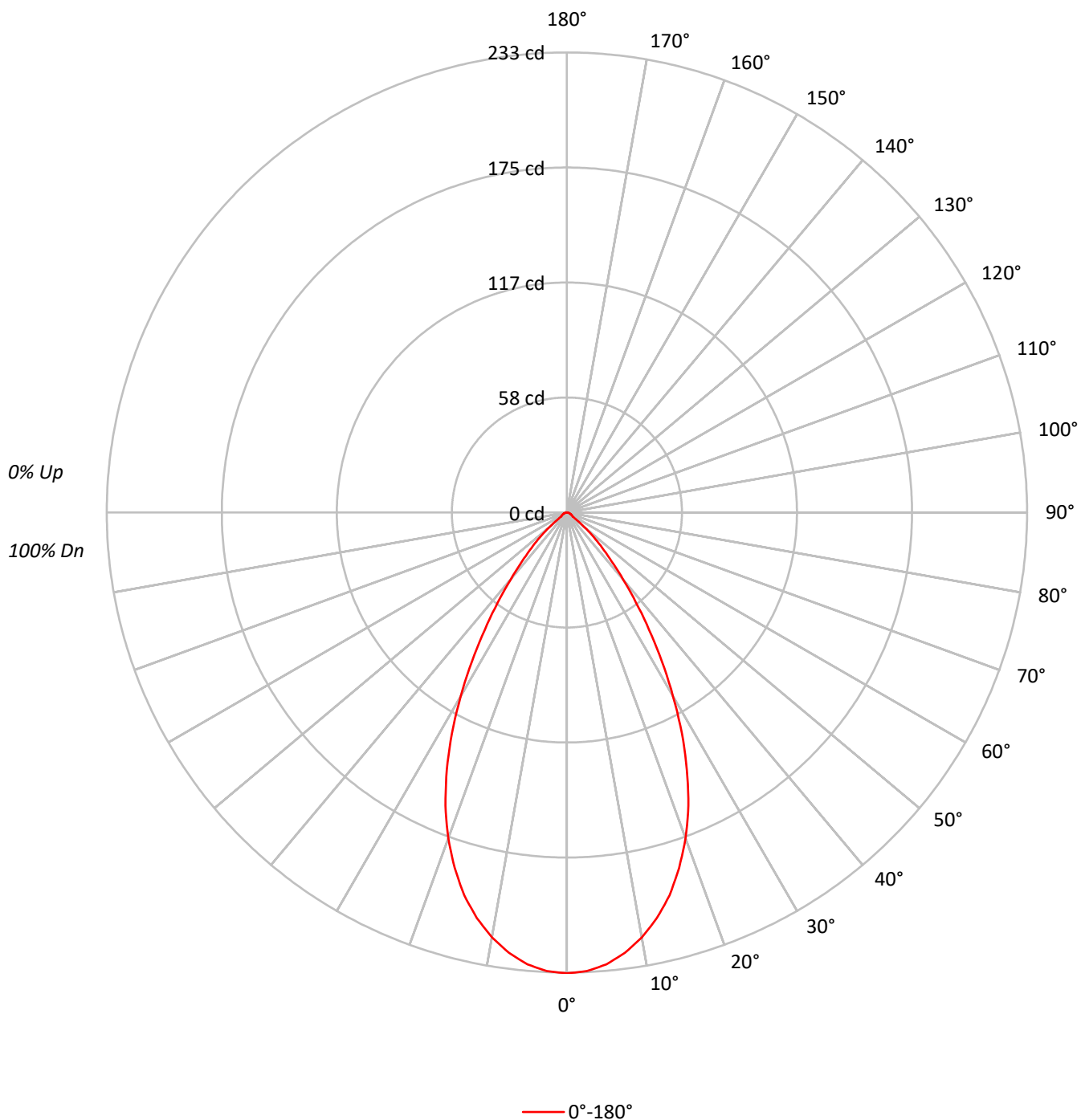
Lumens per Lamp: N/A
Luminaire Lumens: 216.9 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79		
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63		
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58		
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55		
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51		
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51180
5°	50561
10°	48652
15°	45562
20°	40977
25°	34792
30°	27219
35°	19408
40°	12681
45°	7846
50°	3991
55°	1415
60°	1228
65°	1245
70°	1090
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7846 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.6	9.9
10°-20°	55.9	25.7
20°-30°	65.3	30.1
30°-40°	45.6	21.0
40°-50°	20.1	9.3
50°-60°	4.5	2.1
60°-70°	2.3	1.0
70°-80°	1.4	0.6
80°-90°	0.4	0.2
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°	142.7	65.8
0°-40°	188.3	86.8
0°-60°	212.9	98.1
0°-90°	216.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	216.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	233	
5°	230	22
15°	201	56
25°	144	65
35°	72	46
45°	25	20
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	233.4
2.5°	232.5
5°	229.7
7.5°	224.9
10°	218.5
12.5°	210.4
15°	200.7
17.5°	188.8
20°	175.6
22.5°	160.7
25°	143.8
27.5°	126.1
30°	107.5
32.5°	89.5
35°	72.5
37.5°	57.5
40°	44.3
42.5°	33.5
45°	25.3
47.5°	18.6
50°	11.7
52.5°	6.1
55°	3.7
57.5°	3.2
60°	2.8
62.5°	2.6
65°	2.4
67.5°	1.9
70°	1.7
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)