

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: P1269176

Luminaire Tested: P3A05R559740DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269176
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R559740DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

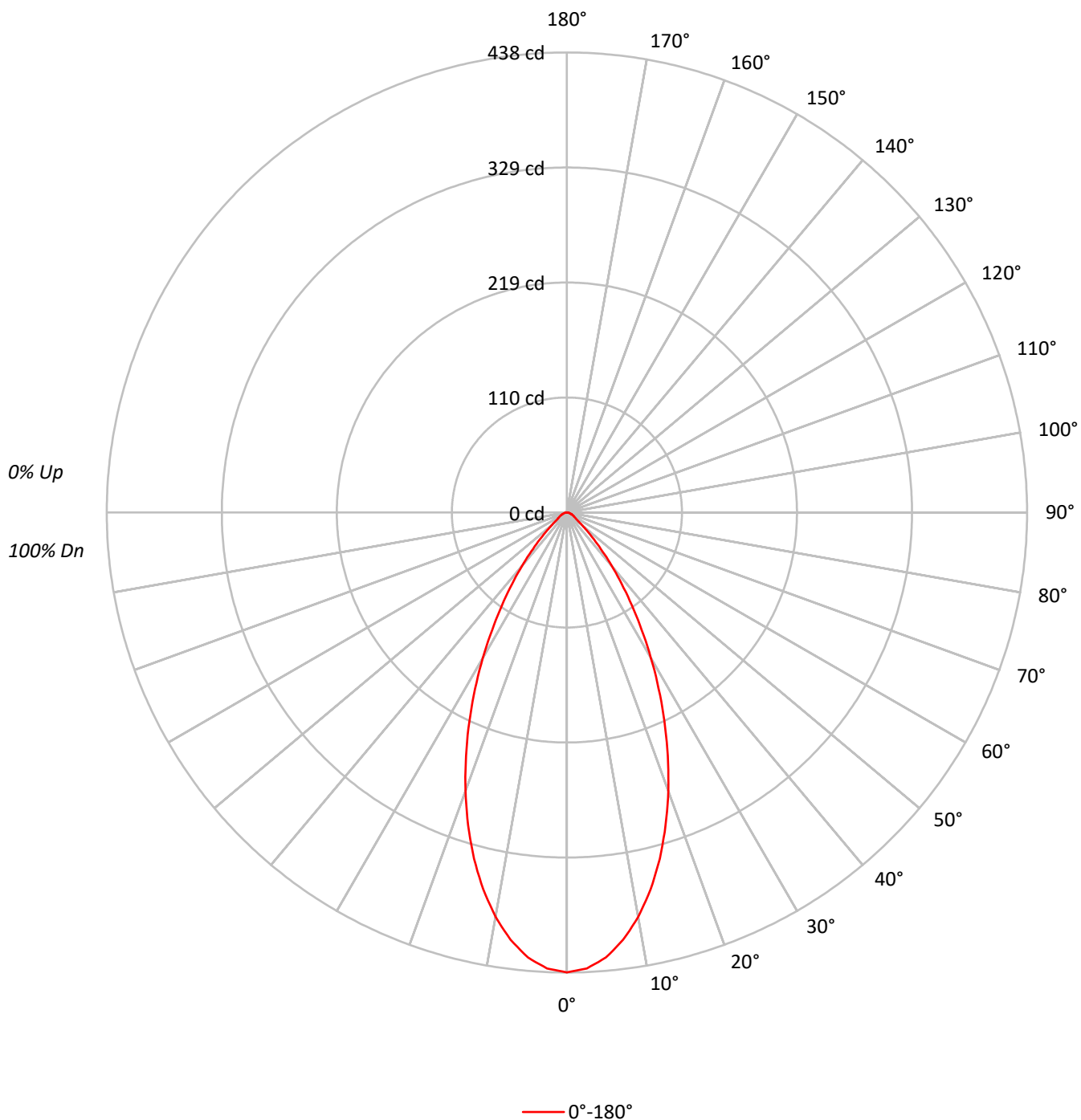
Lumens per Lamp: N/A
Luminaire Lumens: 353.0 lumens
Efficiency: N/A
Efficacy: 49.0 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	54	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	96023
5°	93616
10°	87039
15°	77503
20°	65852
25°	53156
30°	40513
35°	28830
40°	19007
45°	11288
50°	6618
55°	4091
60°	3596
65°	3269
70°	2821
75°	2457
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11288 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.5	11.2
10°-20°	94.6	26.8
20°-30°	100.2	28.4
30°-40°	67.7	19.2
40°-50°	29.7	8.4
50°-60°	10.6	3.0
60°-70°	6.2	1.8
70°-80°	3.3	0.9
80°-90°	1.1	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°	234.4	66.4
0°-40°	302.1	85.6
0°-60°	342.5	97.0
0°-90°	353.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	353.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	438	
5°	425	39
15°	341	95
25°	220	100
35°	108	68
45°	36	30
55°	11	11
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	437.9
2.5°	434.5
5°	425.3
7.5°	410.3
10°	390.9
12.5°	367.6
15°	341.4
17.5°	312.3
20°	282.2
22.5°	250.7
25°	219.7
27.5°	189.1
30°	160.0
32.5°	132.4
35°	107.7
37.5°	85.4
40°	66.4
42.5°	50.0
45°	36.4
47.5°	26.7
50°	19.4
52.5°	13.6
55°	10.7
57.5°	9.7
60°	8.2
62.5°	7.3
65°	6.3
67.5°	5.3
70°	4.4
72.5°	3.9
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)