

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: P1264335

Luminaire Tested: P3A05R409730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264335
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R409730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

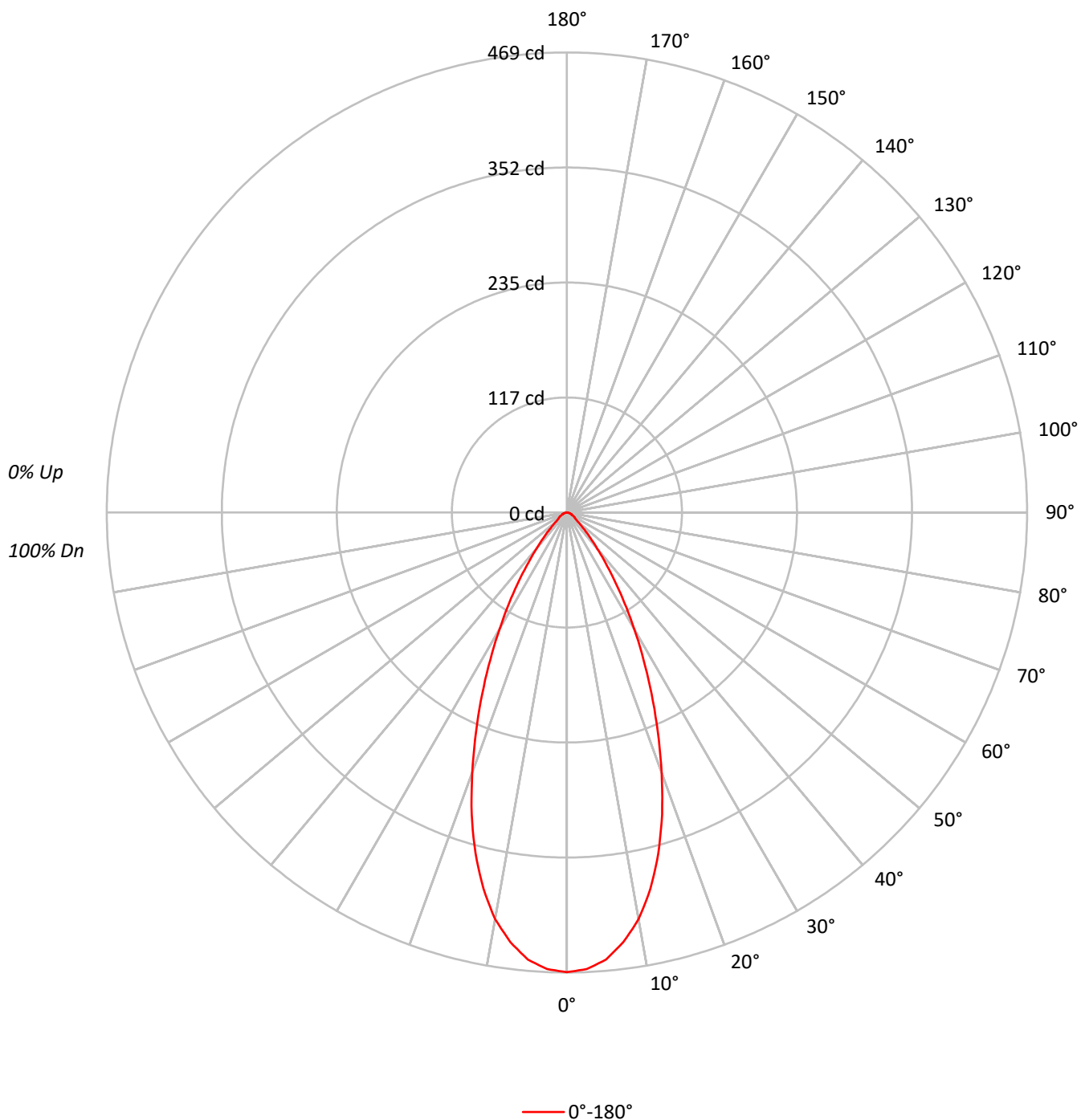
Lumens per Lamp: N/A
Luminaire Lumens: 329.9 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		87
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	78	73	90	82	77	73	81	76	72		79	75	72		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102755
5°	100682
10°	93741
15°	81703
20°	65829
25°	49358
30°	34689
35°	22727
40°	13769
45°	8218
50°	4912
55°	3938
60°	3552
65°	3009
70°	2885
75°	2288
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.5	12.9
10°-20°	99.1	30.0
20°-30°	93.4	28.3
30°-40°	54.0	16.4
40°-50°	21.5	6.5
50°-60°	9.5	2.9
60°-70°	5.9	1.8
70°-80°	3.1	0.9
80°-90°	1.0	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°	235.0	71.2
0°-40°	289.0	87.6
0°-60°	320.0	97.0
0°-90°	329.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	469	
5°	457	42
15°	360	99
25°	204	93
35°	85	54
45°	26	22
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	468.6
2.5°	465.9
5°	457.4
7.5°	441.6
10°	421.0
12.5°	393.1
15°	359.9
17.5°	322.6
20°	282.1
22.5°	241.7
25°	204.0
27.5°	168.9
30°	137.0
32.5°	109.2
35°	84.9
37.5°	64.2
40°	48.1
42.5°	35.9
45°	26.5
47.5°	19.3
50°	14.4
52.5°	11.7
55°	10.3
57.5°	9.4
60°	8.1
62.5°	6.7
65°	5.8
67.5°	4.9
70°	4.5
72.5°	3.6
75°	2.7
77.5°	2.2
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)