

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: P1273360

Luminaire Tested: P3A05R359830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273360
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R359830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

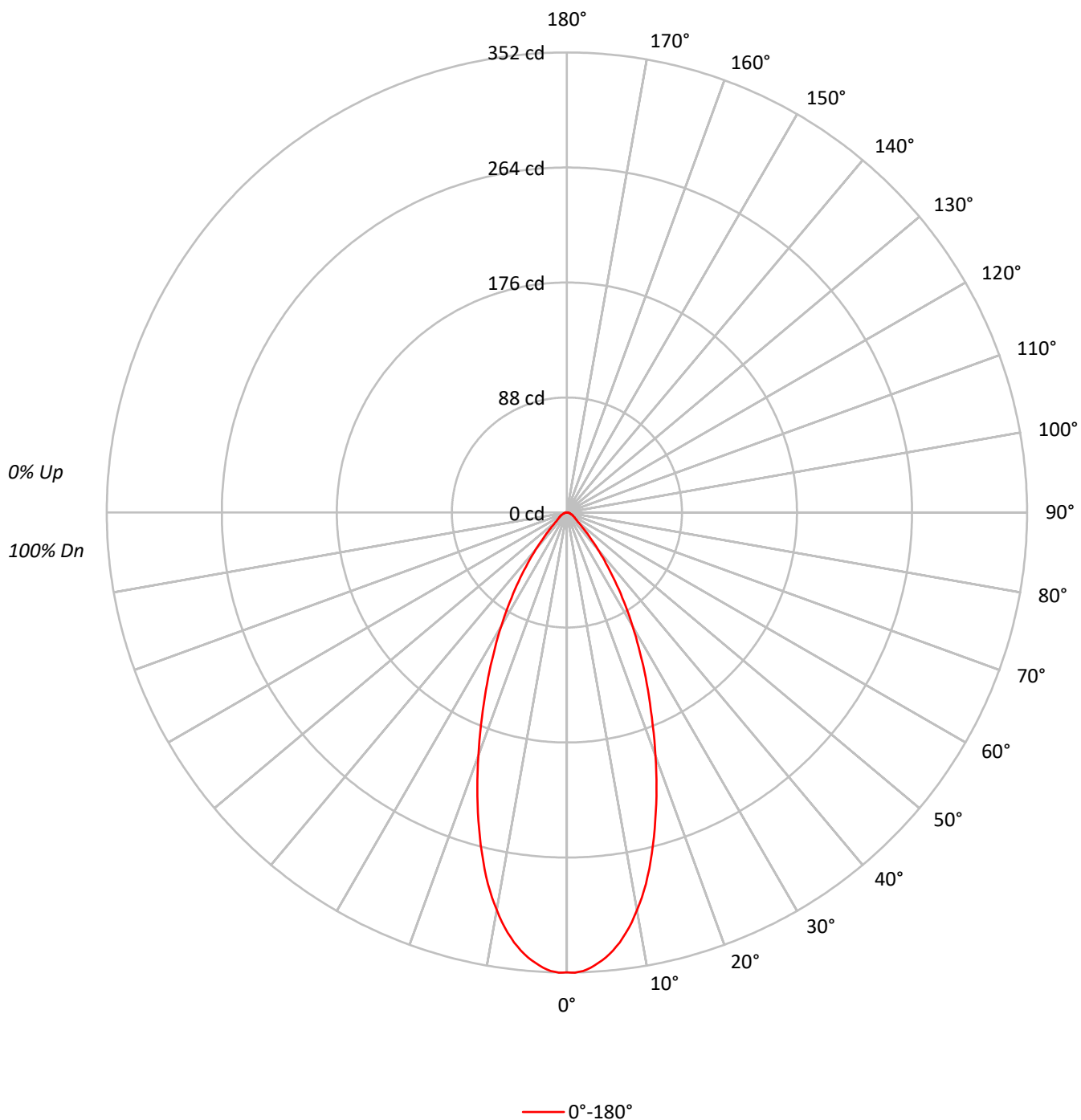
Lumens per Lamp: N/A
Luminaire Lumens: 240.0 lumens
Efficiency: N/A
Efficacy: 33.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77143
5°	75236
10°	68781
15°	58389
20°	46227
25°	34962
30°	25447
35°	17213
40°	10591
45°	6078
50°	3650
55°	2982
60°	2588
65°	2283
70°	1923
75°	1864
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6078 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.6	13.2
10°-20°	70.9	29.5
20°-30°	66.3	27.6
30°-40°	40.6	16.9
40°-50°	16.0	6.7
50°-60°	7.1	2.9
60°-70°	4.4	1.8
70°-80°	2.3	1.0
80°-90°	0.8	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°	168.8	70.3
0°-40°	209.4	87.3
0°-60°	232.5	96.9
0°-90°	240.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	240.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	352	
5°	342	32
15°	257	71
25°	144	66
35°	64	41
45°	20	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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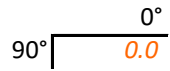
CANDELA DISTRIBUTION (FULL):

0°	
0°	351.8
1°	352.2
2°	351.1
3°	348.8
4°	345.5
5°	341.8
6°	337.0
7°	331.5
8°	324.8
9°	317.4
10°	308.9
11°	300.1
12°	290.5
13°	280.1
14°	268.7
15°	257.2
17.5°	227.6
20°	198.1
22.5°	169.6
25°	144.5
27.5°	121.2
30°	100.5
32.5°	81.3
35°	64.3
37.5°	49.1
40°	37.0
42.5°	26.6
45°	19.6
47.5°	14.0
50°	10.7
52.5°	8.9
55°	7.8
57.5°	6.7
60°	5.9
62.5°	5.2
65°	4.4
67.5°	3.7
70°	3.0
72.5°	2.6
75°	2.2
77.5°	1.8
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)