

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: P1273369

Luminaire Tested: P3A05R359830DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273369
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 E3DLP1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

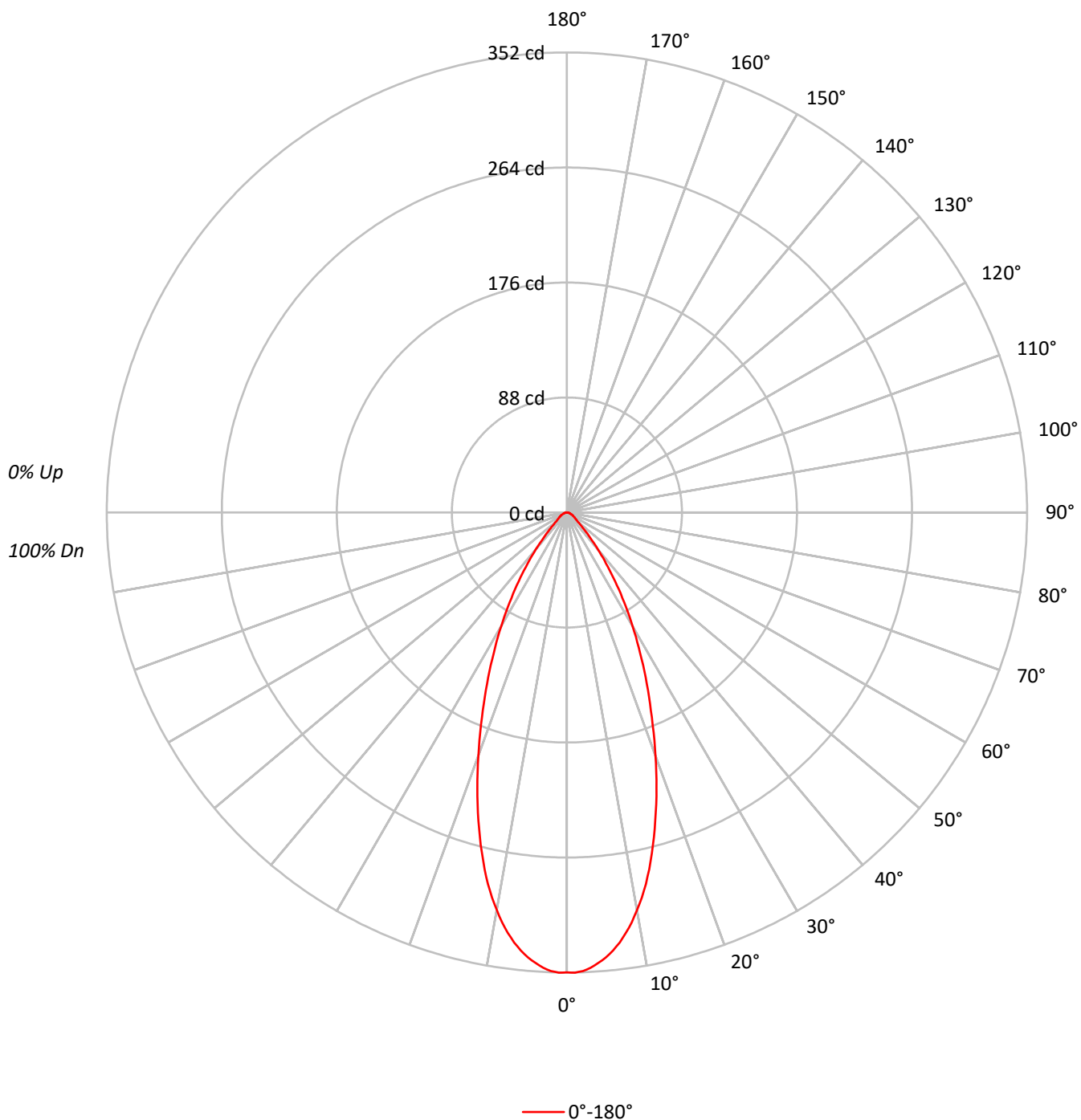
Lumens per Lamp: N/A
Luminaire Lumens: 240.0 lumens
Efficiency: N/A
Efficacy: 33.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1273369

CATALOG NUMBER: P3A05R359830DE010 E3DLP1H

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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93		
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86		
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80		
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74		
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69		
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65		
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61		
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57		
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54		
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51		

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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)