

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: P1267471

Luminaire Tested: P3A13R359735DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267471
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: P3A13R359735DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

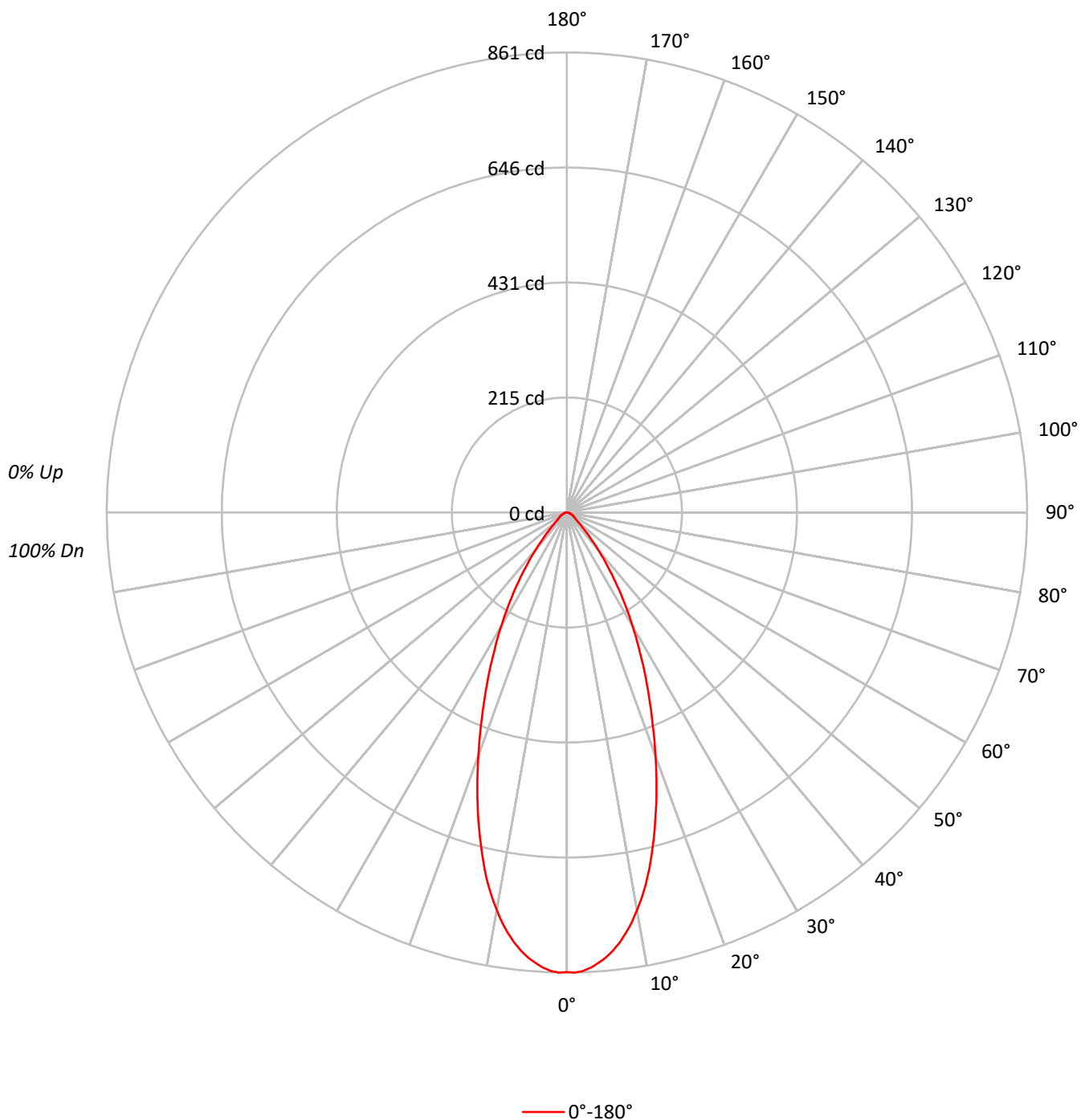
Lumens per Lamp: N/A
Luminaire Lumens: 587.0 lumens
Efficiency: N/A
Efficacy: 40.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	188669
5°	184019
10°	168244
15°	142816
20°	113036
25°	85505
30°	62237
35°	42108
40°	25877
45°	14854
50°	8938
55°	7264
60°	6359
65°	5604
70°	4616
75°	4575
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14854 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.3	13.2
10°-20°	173.4	29.5
20°-30°	162.2	27.6
30°-40°	99.3	16.9
40°-50°	39.1	6.7
50°-60°	17.3	2.9
60°-70°	10.7	1.8
70°-80°	5.7	1.0
80°-90°	2.0	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°	412.9	70.3
0°-40°	512.2	87.3
0°-60°	568.6	96.9
0°-90°	587.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	587.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	860	
5°	836	77
15°	629	173
25°	353	162
35°	157	99
45°	48	39
55°	19	17
65°	11	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	860.4
1°	861.3
2°	858.6
3°	853.2
4°	845.1
5°	836.0
6°	824.3
7°	810.7
8°	794.5
9°	776.4
10°	755.6
11°	733.9
12°	710.4
13°	685.1
14°	657.1
15°	629.1
17.5°	556.8
20°	484.4
22.5°	414.9
25°	353.4
27.5°	296.5
30°	245.8
32.5°	198.8
35°	157.3
37.5°	120.2
40°	90.4
42.5°	65.1
45°	47.9
47.5°	34.3
50°	26.2
52.5°	21.7
55°	19.0
57.5°	16.3
60°	14.5
62.5°	12.7
65°	10.8
67.5°	9.0
70°	7.2
72.5°	6.3
75°	5.4
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)