

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: P1273990

Luminaire Tested: P3A13R259830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273990
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

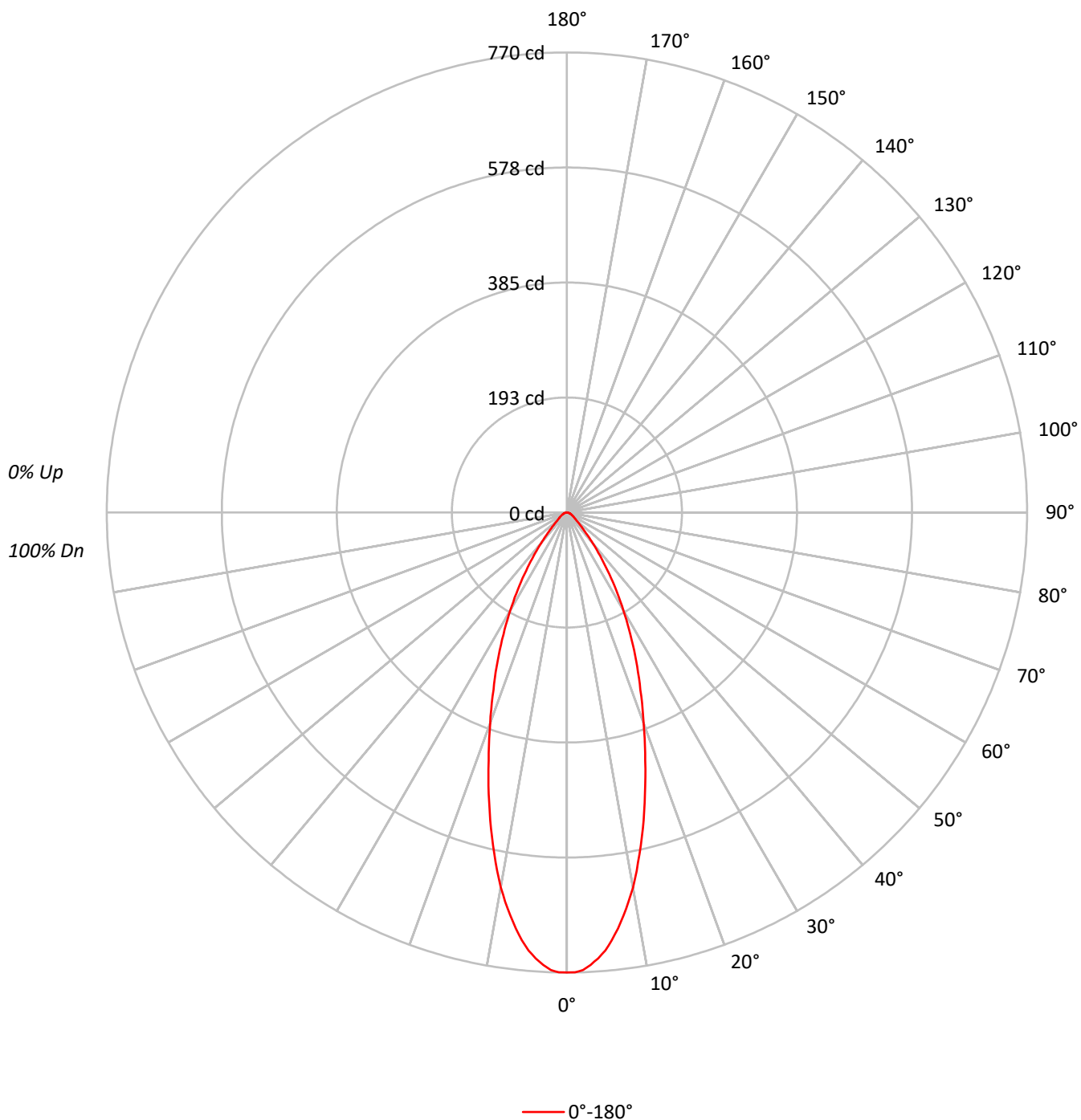
Lumens per Lamp: N/A
Luminaire Lumens: 464.9 lumens
Efficiency: N/A
Efficacy: 32.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	168824
5°	161963
10°	141881
15°	114053
20°	87624
25°	66294
30°	47906
35°	31829
40°	19293
45°	11226
50°	7164
55°	5811
60°	5087
65°	4514
70°	3719
75°	3643
80°	2778
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.0	14.4
10°-20°	138.9	29.9
20°-30°	125.6	27.0
30°-40°	75.5	16.2
40°-50°	30.0	6.4
50°-60°	13.8	3.0
60°-70°	8.4	1.8
70°-80°	4.5	1.0
80°-90°	1.3	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°	331.5	71.3
0°-40°	407.0	87.5
0°-60°	450.7	97.0
0°-90°	464.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	770	
5°	736	67
15°	502	139
25°	274	126
35°	119	75
45°	36	30
55°	15	14
65°	9	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	769.9
1°	769.9
2°	766.3
3°	758.3
4°	748.1
5°	735.8
6°	719.9
7°	701.7
8°	680.7
9°	659.7
10°	637.2
11°	611.1
12°	584.3
13°	557.5
14°	530.7
15°	502.4
17.5°	435.7
20°	375.5
22.5°	321.1
25°	274.0
27.5°	229.8
30°	189.2
32.5°	152.2
35°	118.9
37.5°	90.6
40°	67.4
42.5°	49.3
45°	36.2
47.5°	27.5
50°	21.0
52.5°	17.4
55°	15.2
57.5°	13.0
60°	11.6
62.5°	9.4
65°	8.7
67.5°	7.2
70°	5.8
72.5°	5.1
75°	4.3
77.5°	3.6
80°	2.2
82.5°	1.4
85°	1.4
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)