

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: P1270001

Luminaire Tested: P3A13R609740DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270001
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R609740DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

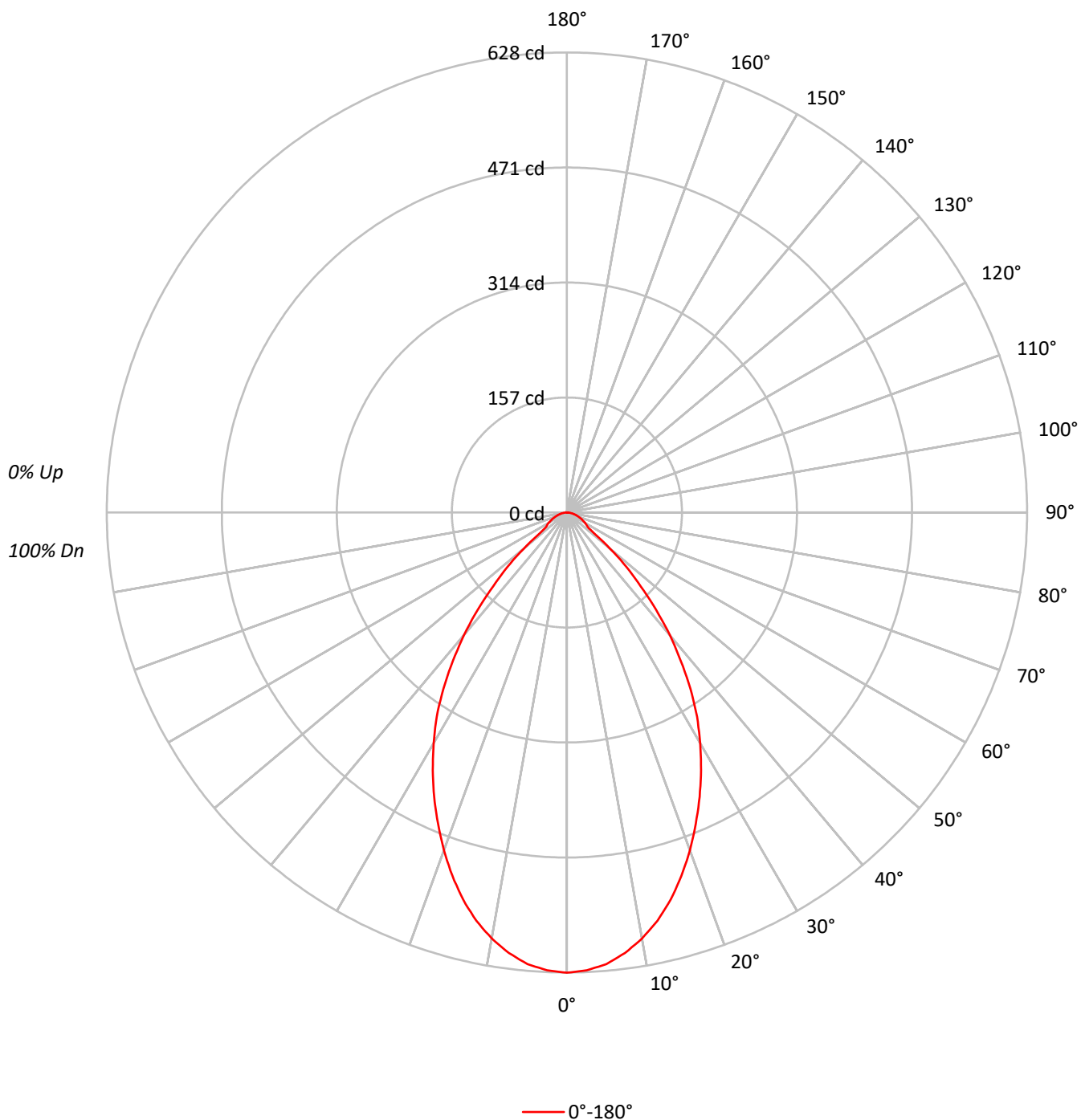
Lumens per Lamp: N/A
Luminaire Lumens: 775.9 lumens
Efficiency: N/A
Efficacy: 53.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	98	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137752
5°	136209
10°	131483
15°	124223
20°	114507
25°	103675
30°	92039
35°	78648
40°	62546
45°	44098
50°	26336
55°	13304
60°	12806
65°	11726
70°	10899
75°	10336
80°	9471
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44098 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.1	7.5
10°-20°	152.9	19.7
20°-30°	196.4	25.3
30°-40°	182.0	23.5
40°-50°	110.8	14.3
50°-60°	36.9	4.8
60°-70°	22.5	2.9
70°-80°	12.6	1.6
80°-90°	3.6	0.5
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°	407.4	52.5
0°-40°	589.5	76.0
0°-60°	737.2	95.0
0°-90°	775.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	775.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	628	
5°	619	58
15°	547	153
25°	428	196
35°	294	182
45°	142	111
55°	35	37
65°	23	22
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	628.2
2.5°	625.4
5°	618.8
7.5°	606.5
10°	590.5
12.5°	570.7
15°	547.2
17.5°	519.9
20°	490.7
22.5°	459.6
25°	428.5
27.5°	396.5
30°	363.5
32.5°	330.6
35°	293.8
37.5°	255.2
40°	218.5
42.5°	179.9
45°	142.2
47.5°	110.2
50°	77.2
52.5°	46.1
55°	34.8
57.5°	32.0
60°	29.2
62.5°	25.4
65°	22.6
67.5°	19.8
70°	17.0
72.5°	14.1
75°	12.2
77.5°	9.4
80°	7.5
82.5°	4.7
85°	2.8
87.5°	1.9
90°	0.0

(END OF REPORT)