

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: P1300999

Luminaire Tested: P3A17R40W2N902765DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300999
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R40W2N902765DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

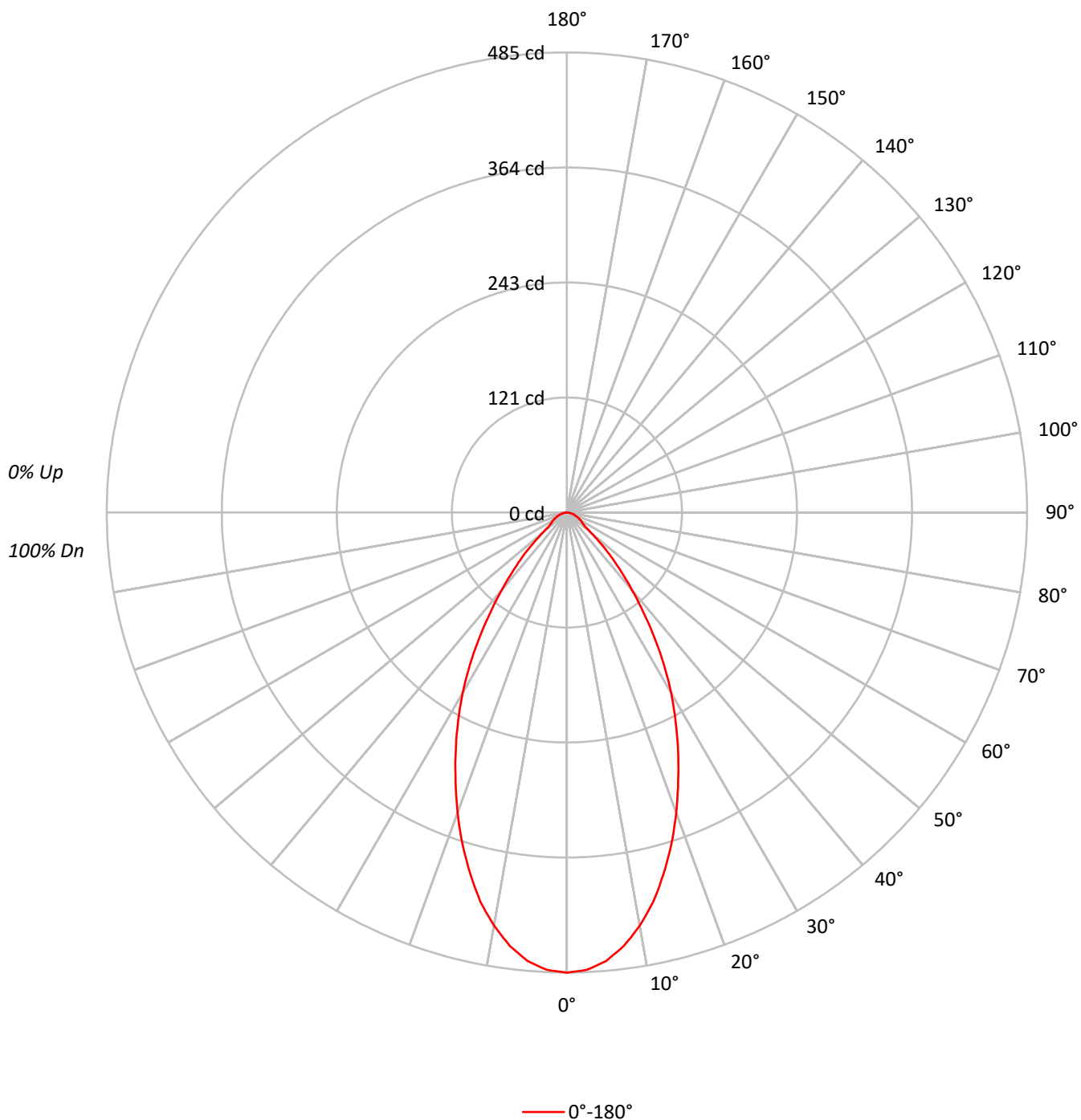
Lumens per Lamp: N/A
Luminaire Lumens: 474.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106395
5°	104468
10°	98484
15°	89444
20°	78570
25°	67117
30°	55578
35°	42884
40°	30514
45°	20560
50°	11224
55°	7914
60°	7456
65°	6901
70°	6091
75°	5846
80°	4672
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.3	9.3
10°-20°	109.8	23.2
20°-30°	126.9	26.8
30°-40°	100.0	21.1
40°-50°	51.4	10.8
50°-60°	19.7	4.1
60°-70°	13.0	2.7
70°-80°	7.1	1.5
80°-90°	2.1	0.4
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°	280.9	59.3
0°-40°	380.9	80.4
0°-60°	451.9	95.3
0°-90°	474.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	474.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	485	
5°	475	44
15°	394	110
25°	277	127
35°	160	100
45°	66	51
55°	21	20
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	485.2
2.5°	482.6
5°	474.6
7.5°	460.8
10°	442.3
12.5°	420.5
15°	394.0
17.5°	366.4
20°	336.7
22.5°	306.5
25°	277.4
27.5°	248.2
30°	219.5
32.5°	190.4
35°	160.2
37.5°	132.0
40°	106.6
42.5°	84.9
45°	66.3
47.5°	48.3
50°	32.9
52.5°	23.9
55°	20.7
57.5°	18.6
60°	17.0
62.5°	14.8
65°	13.3
67.5°	11.1
70°	9.5
72.5°	8.0
75°	6.9
77.5°	5.3
80°	3.7
82.5°	3.2
85°	1.6
87.5°	1.1
90°	0.0

(END OF REPORT)