

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: P1300827

Luminaire Tested: P3A17R40W2N902750DE010 E3DL1WH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300827
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R40W2N902750DE010 E3DL1WH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

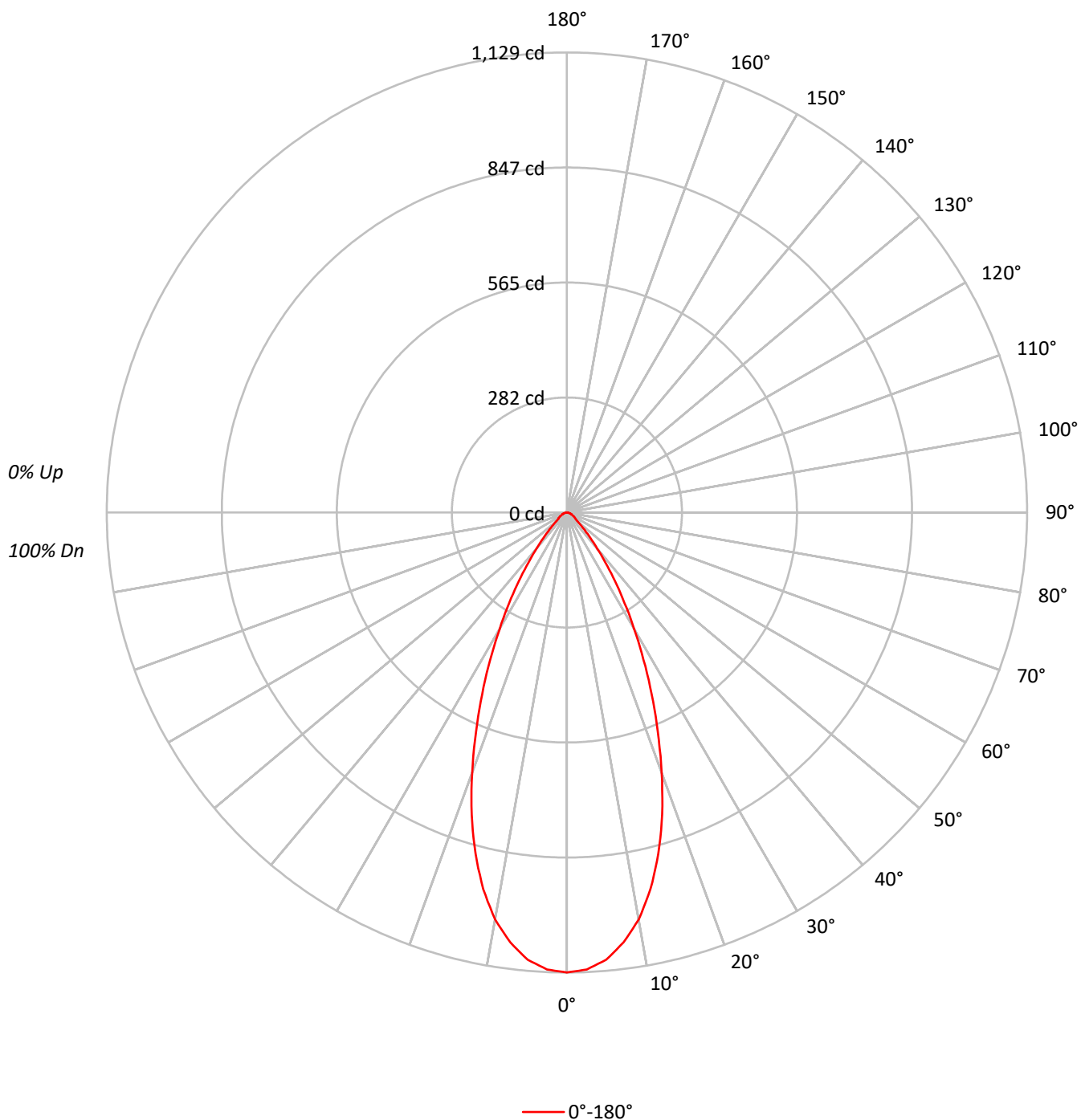
Lumens per Lamp: N/A
Luminaire Lumens: 795.0 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93		
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86		
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80		
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	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	78	72	68	76	71	67	75	70	67	73	69	66	65		
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61		
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58		
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	247546
5°	242526
10°	225825
15°	196823
20°	158610
25°	118894
30°	83582
35°	54770
40°	33148
45°	19816
50°	11803
55°	9519
60°	8552
65°	7316
70°	6924
75°	5507
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19816 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.3	12.9
10°-20°	238.8	30.0
20°-30°	225.0	28.3
30°-40°	130.1	16.4
40°-50°	51.8	6.5
50°-60°	22.9	2.9
60°-70°	14.2	1.8
70°-80°	7.4	0.9
80°-90°	2.4	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°	566.1	71.2
0°-40°	696.3	87.6
0°-60°	771.0	97.0
0°-90°	795.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	795.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1129	
5°	1102	102
15°	867	239
25°	491	225
35°	205	130
45°	64	52
55°	25	23
65°	14	14
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1128.9
2.5°	1122.4
5°	1101.8
7.5°	1064.0
10°	1014.2
12.5°	947.1
15°	867.0
17.5°	777.1
20°	679.7
22.5°	582.3
25°	491.4
27.5°	407.0
30°	330.1
32.5°	263.0
35°	204.6
37.5°	154.8
40°	115.8
42.5°	86.6
45°	63.9
47.5°	46.5
50°	34.6
52.5°	28.1
55°	24.9
57.5°	22.7
60°	19.5
62.5°	16.2
65°	14.1
67.5°	11.9
70°	10.8
72.5°	8.7
75°	6.5
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)