

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: P1299680

Luminaire Tested: P3A17R20W2N902765DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299680
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R20W2N902765DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

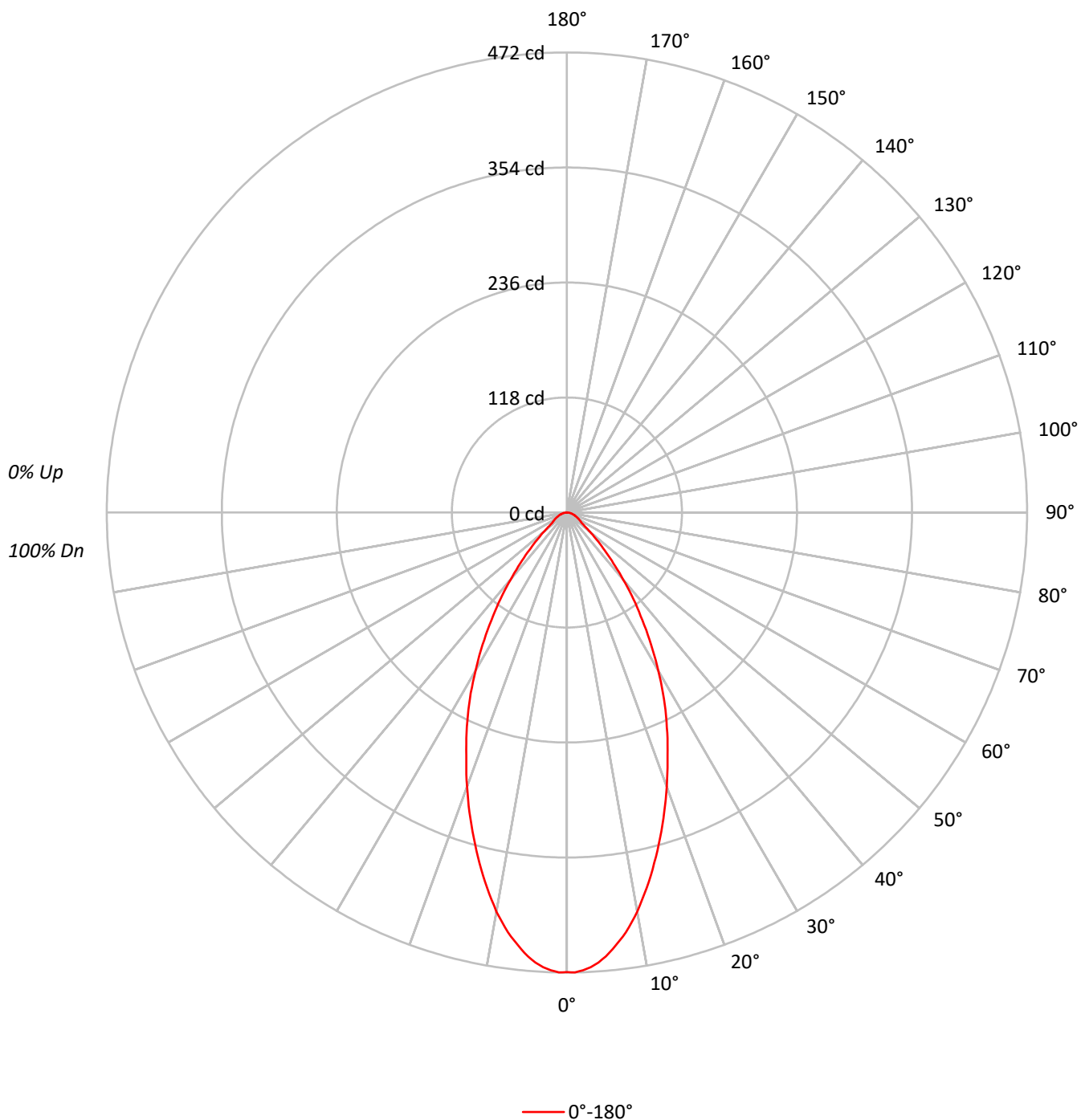
Lumens per Lamp: N/A
Luminaire Lumens: 418.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93	91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90	87	85	83
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84	81	78	76
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78	75	72	70
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73	69	66	65
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69	65	61	60
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65	60	57	55
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61	57	53	52
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58	53	50	48
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55	50	47	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	103391
5°	100638
10°	92583
15°	81476
20°	69889
25°	58721
30°	47450
35°	36112
40°	25677
45°	16963
50°	10507
55°	6920
60°	6271
65°	5811
70°	5450
75°	4914
80°	4672
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 16963 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	10.1
10°-20°	99.9	23.9
20°-30°	110.9	26.5
30°-40°	84.6	20.2
40°-50°	43.3	10.4
50°-60°	17.8	4.3
60°-70°	11.1	2.7
70°-80°	6.2	1.5
80°-90°	1.8	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°	253.1	60.6
0°-40°	337.7	80.8
0°-60°	398.9	95.4
0°-90°	418.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	418.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	472	
5°	457	42
15°	359	100
25°	243	111
35°	135	85
45°	55	43
55°	18	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	471.5
1°	472.0
2°	469.9
3°	467.3
4°	463.0
5°	457.2
6°	450.3
7°	442.8
8°	434.9
9°	425.3
10°	415.8
12.5°	388.1
15°	358.9
17.5°	329.2
20°	299.5
22.5°	269.7
25°	242.7
27.5°	215.6
30°	187.4
32.5°	160.9
35°	134.9
37.5°	112.0
40°	89.7
42.5°	70.6
45°	54.7
47.5°	41.4
50°	30.8
52.5°	22.8
55°	18.1
57.5°	16.5
60°	14.3
62.5°	12.7
65°	11.2
67.5°	9.6
70°	8.5
72.5°	6.9
75°	5.8
77.5°	4.8
80°	3.7
82.5°	2.7
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)