

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: P1300963

Luminaire Tested: P3A17R40W2N902765DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300963
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R40W2N902765DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

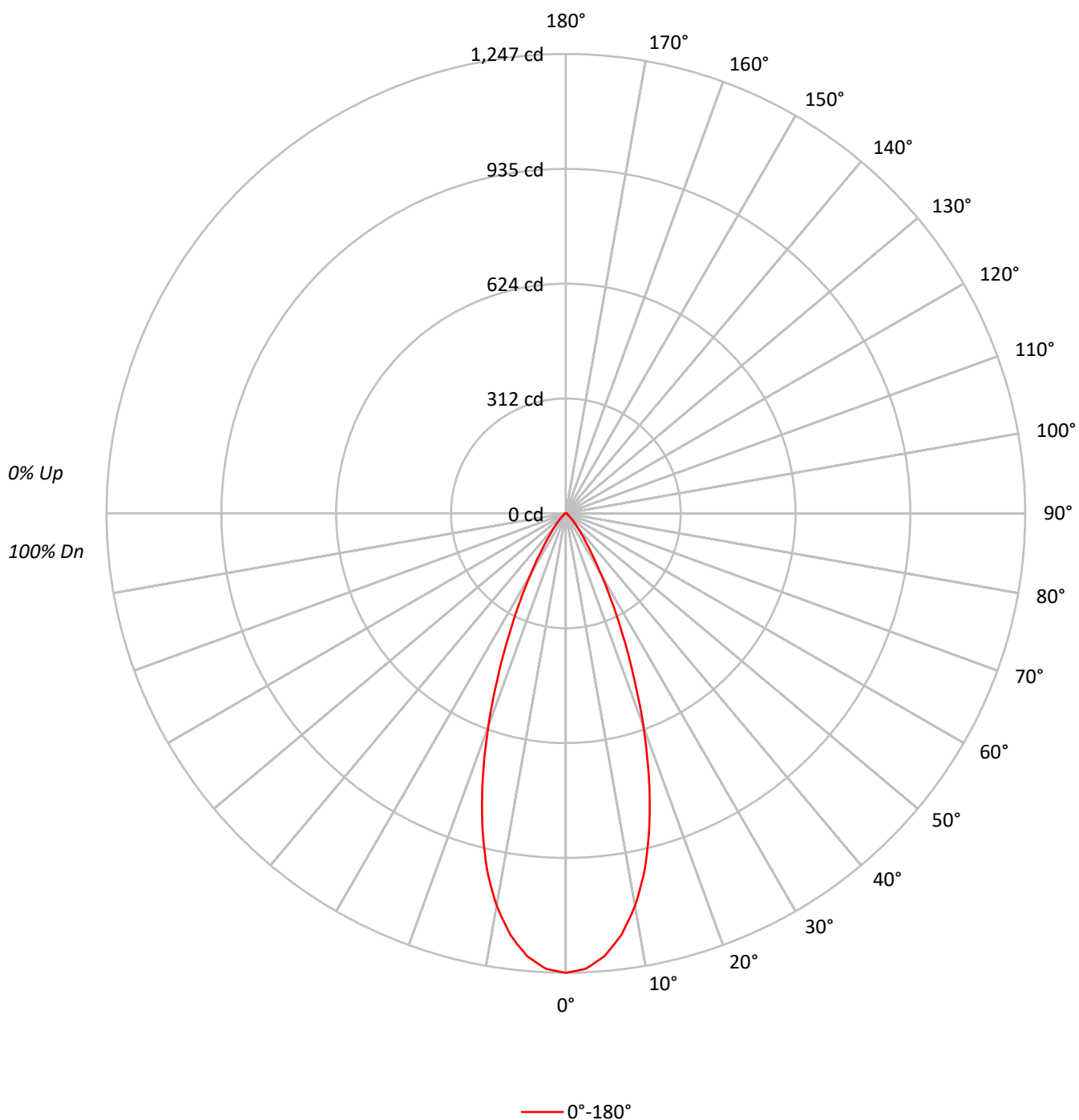
Lumens per Lamp: N/A
Luminaire Lumens: 618.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98	97	96		94
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	92	91		89
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90	88	86		84
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86	84	81		80
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83	80	77		76
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79	76	73		72
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76	73	70		69
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73	69	67		65
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70	66	64		63
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67	64	61		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	273465
5°	265507
10°	240944
15°	199048
20°	143582
25°	88820
30°	48083
35°	24842
40°	13511
45°	7567
50°	3787
55°	2829
60°	2544
65°	2491
70°	2372
75°	2288
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7567 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.2	18.0
10°-20°	238.8	38.6
20°-30°	170.4	27.6
30°-40°	62.7	10.1
40°-50°	19.7	3.2
50°-60°	6.9	1.1
60°-70°	4.7	0.8
70°-80°	2.8	0.5
80°-90°	0.8	0.1
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°	520.3	84.2
0°-40°	583.1	94.4
0°-60°	609.6	98.7
0°-90°	618.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	618.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1247	
5°	1206	111
15°	877	239
25°	367	170
35°	93	63
45°	24	20
55°	7	7
65°	5	5
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1247.1
2.5°	1237.5
5°	1206.2
7.5°	1154.3
10°	1082.1
12.5°	990.3
15°	876.8
17.5°	749.5
20°	615.3
22.5°	483.2
25°	367.1
27.5°	269.5
30°	189.9
32.5°	133.1
35°	92.8
37.5°	65.8
40°	47.2
42.5°	33.9
45°	24.4
47.5°	16.4
50°	11.1
52.5°	8.0
55°	7.4
57.5°	6.9
60°	5.8
62.5°	5.3
65°	4.8
67.5°	4.2
70°	3.7
72.5°	3.2
75°	2.7
77.5°	2.1
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)