

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: P1300871

Luminaire Tested: P3A17R40W2N902750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300871
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 E3DLP1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

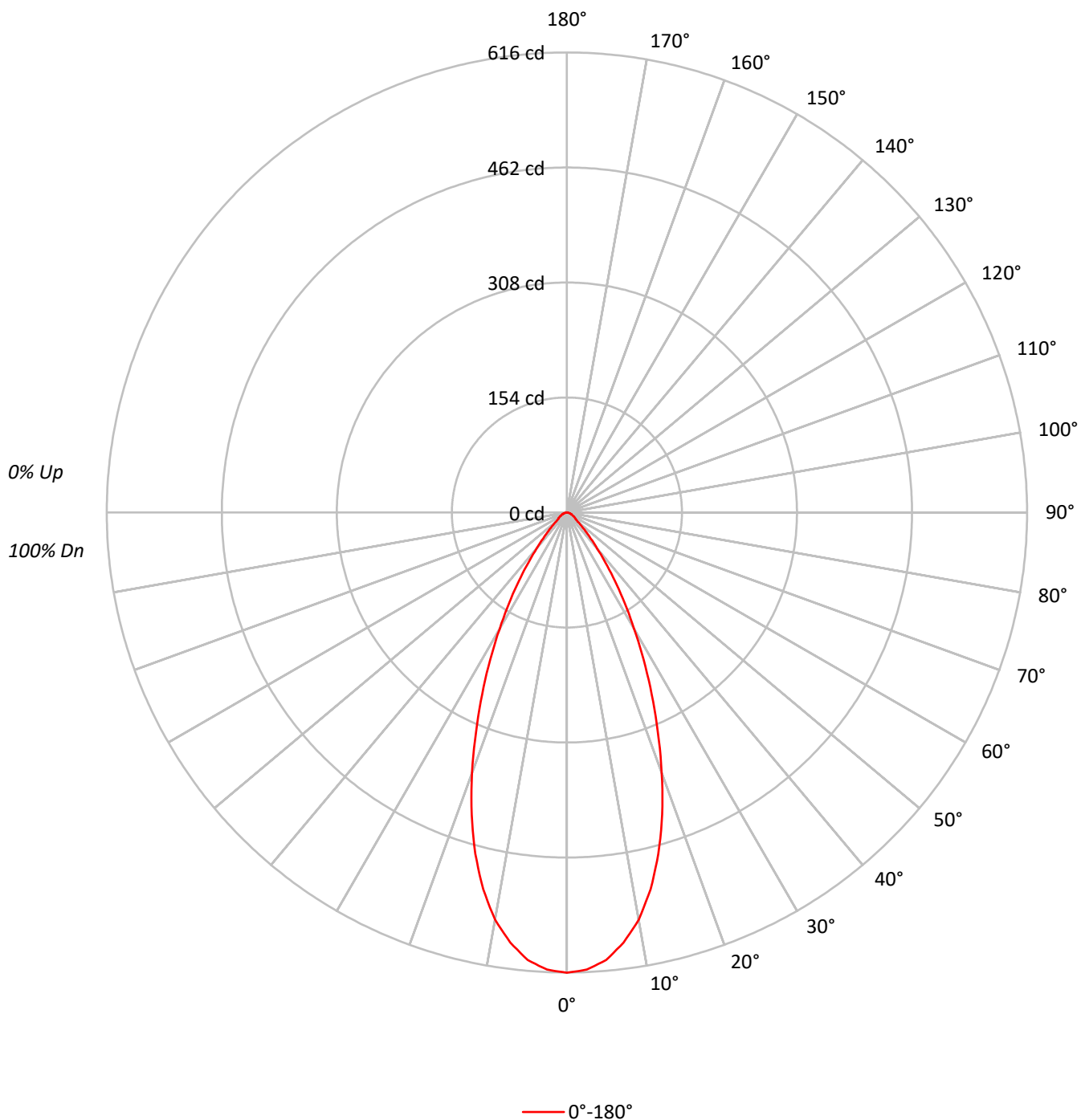
Lumens per Lamp: N/A
Luminaire Lumens: 434.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1300871

CATALOG NUMBER: P3A17R40W2N902750DE010 E3DLP1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1300871

CATALOG NUMBER: P3A17R40W2N902750DE010 E3DLP1GPH_5000K

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135143
5°	132401
10°	123266
15°	107447
20°	86598
25°	64915
30°	45627
35°	29901
40°	18091
45°	10823
50°	6448
55°	5199
60°	4649
65°	3995
70°	3783
75°	2965
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10823 cd/sqm

TEST NUMBER: P1300871

CATALOG NUMBER: P3A17R40W2N902750DE010 E3DLP1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.9	12.9
10°-20°	130.4	30.0
20°-30°	122.9	28.3
30°-40°	71.0	16.4
40°-50°	28.3	6.5
50°-60°	12.5	2.9
60°-70°	7.7	1.8
70°-80°	4.0	0.9
80°-90°	1.3	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°	309.1	71.2
0°-40°	380.1	87.6
0°-60°	420.9	97.0
0°-90°	434.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	434.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	616	
5°	602	56
15°	473	130
25°	268	123
35°	112	71
45°	35	28
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1300871

CATALOG NUMBER: P3A17R40W2N902750DE010 E3DLP1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	616.3
2.5°	612.7
5°	601.5
7.5°	580.8
10°	553.6
12.5°	517.0
15°	473.3
17.5°	424.2
20°	371.1
22.5°	317.9
25°	268.3
27.5°	222.2
30°	180.2
32.5°	143.6
35°	111.7
37.5°	84.5
40°	63.2
42.5°	47.3
45°	34.9
47.5°	25.4
50°	18.9
52.5°	15.4
55°	13.6
57.5°	12.4
60°	10.6
62.5°	8.9
65°	7.7
67.5°	6.5
70°	5.9
72.5°	4.7
75°	3.5
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)