

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: P1270341

Luminaire Tested: P3A17R609740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270341
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R609740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

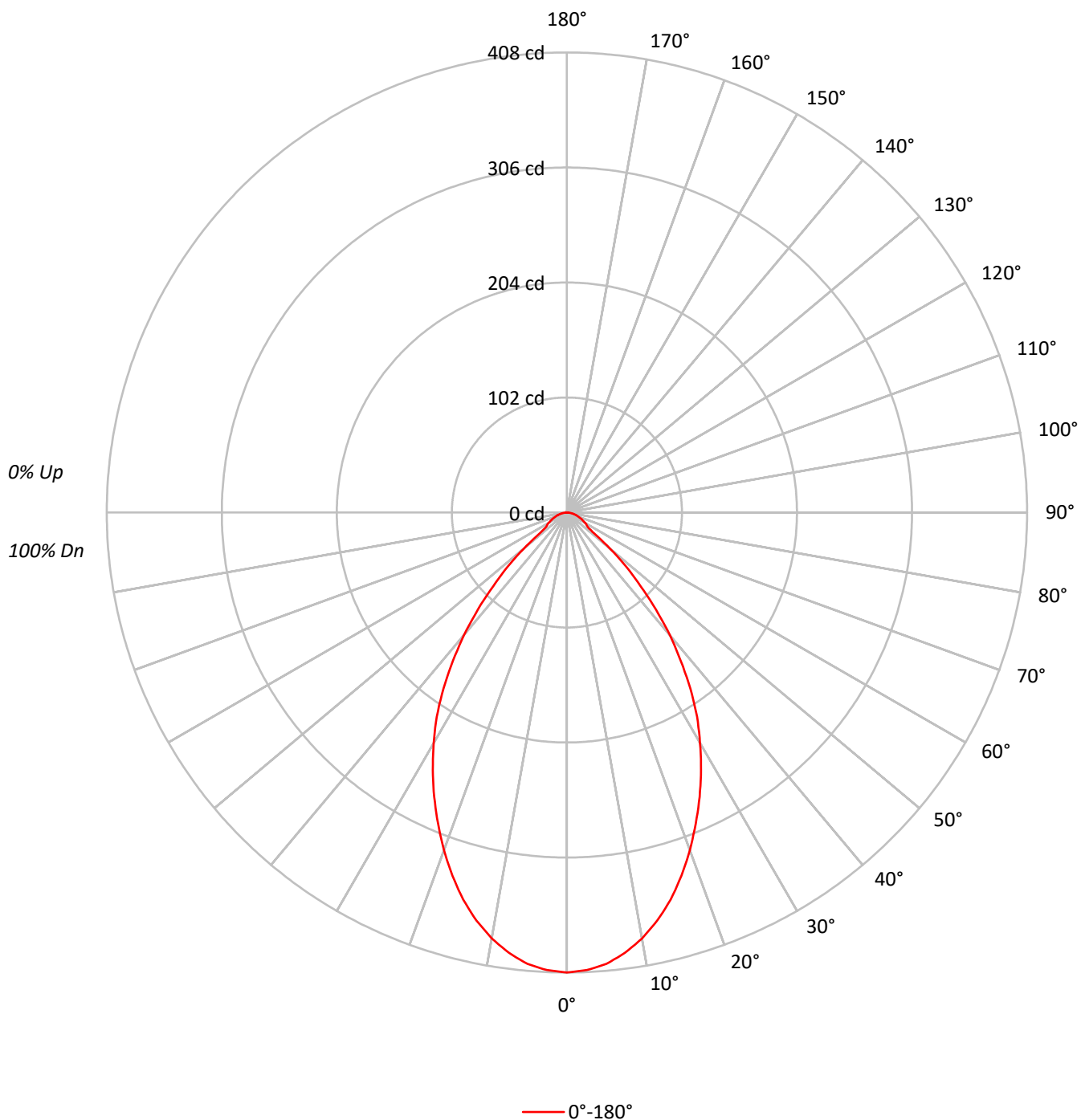
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 23.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1270341

CATALOG NUMBER: P3A17R609740DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1270341

CATALOG NUMBER: P3A17R609740DE010 E3DLD1GPH

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	89467
5°	88466
10°	85391
15°	80682
20°	74370
25°	67335
30°	59781
35°	51102
40°	40619
45°	28654
50°	17125
55°	8640
60°	8333
65°	7627
70°	7052
75°	6778
80°	6188
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28654 cd/sqm

TEST NUMBER: P1270341

CATALOG NUMBER: P3A17R609740DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.8	7.5
10°-20°	99.3	19.7
20°-30°	127.5	25.3
30°-40°	118.3	23.5
40°-50°	72.0	14.3
50°-60°	24.0	4.8
60°-70°	14.6	2.9
70°-80°	8.2	1.6
80°-90°	2.3	0.5
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°	264.6	52.5
0°-40°	382.9	76.0
0°-60°	478.9	95.0
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	408	
5°	402	38
15°	355	99
25°	278	128
35°	191	118
45°	92	72
55°	23	24
65°	15	15
75°	8	8
85°	2	2
90°	0	

TEST NUMBER: P1270341

CATALOG NUMBER: P3A17R609740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	408.0
2.5°	406.2
5°	401.9
7.5°	393.9
10°	383.5
12.5°	370.7
15°	355.4
17.5°	337.7
20°	318.7
22.5°	298.5
25°	278.3
27.5°	257.5
30°	236.1
32.5°	214.7
35°	190.9
37.5°	165.8
40°	141.9
42.5°	116.8
45°	92.4
47.5°	71.6
50°	50.2
52.5°	30.0
55°	22.6
57.5°	20.8
60°	19.0
62.5°	16.5
65°	14.7
67.5°	12.8
70°	11.0
72.5°	9.2
75°	8.0
77.5°	6.1
80°	4.9
82.5°	3.1
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)