

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: P1270318

Luminaire Tested: P3A17R559740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270318
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R559740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

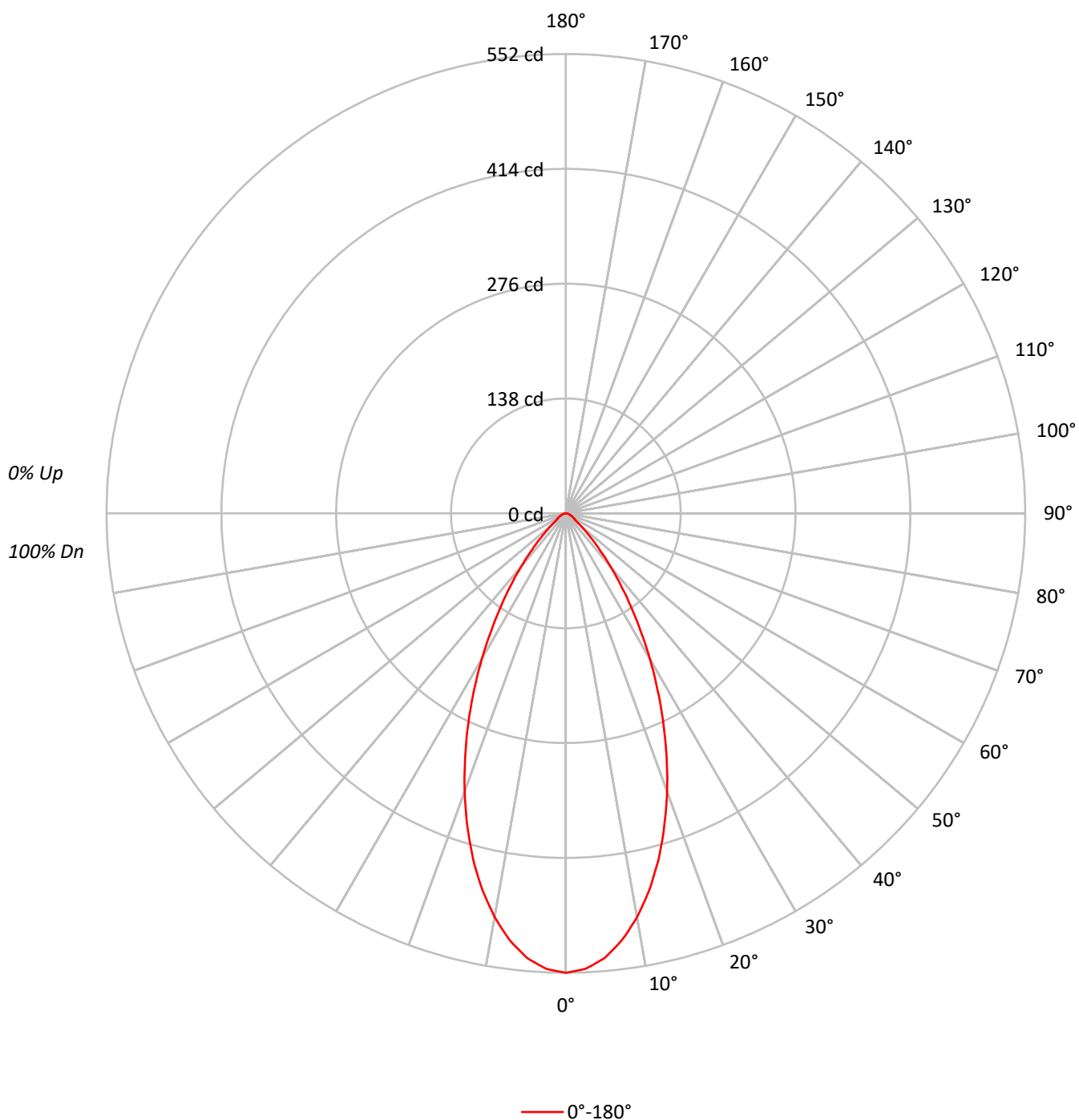
Lumens per Lamp: N/A
Luminaire Lumens: 445.0 lumens
Efficiency: N/A
Efficacy: 21.0 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270318

CATALOG NUMBER: P3A17R559740DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1270318

CATALOG NUMBER: P3A17R559740DE010 E3DLP1GPH

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	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	121065
5°	118027
10°	109706
15°	97708
20°	83027
25°	66996
30°	51071
35°	36326
40°	23988
45°	14234
50°	8358
55°	5123
60°	4561
65°	4099
70°	3526
75°	3135
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14234 cd/sqm

TEST NUMBER: P1270318

CATALOG NUMBER: P3A17R559740DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.8	11.2
10°-20°	119.3	26.8
20°-30°	126.4	28.4
30°-40°	85.4	19.2
40°-50°	37.4	8.4
50°-60°	13.4	3.0
60°-70°	7.8	1.8
70°-80°	4.1	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°	295.5	66.4
0°-40°	380.9	85.6
0°-60°	431.7	97.0
0°-90°	445.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	445.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	552	
5°	536	50
15°	430	119
25°	277	126
35°	136	85
45°	46	37
55°	13	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1270318

CATALOG NUMBER: P3A17R559740DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	552.1
2.5°	547.8
5°	536.2
7.5°	517.2
10°	492.7
12.5°	463.4
15°	430.4
17.5°	393.7
20°	355.8
22.5°	316.1
25°	276.9
27.5°	238.4
30°	201.7
32.5°	166.9
35°	135.7
37.5°	107.6
40°	83.8
42.5°	63.0
45°	45.9
47.5°	33.6
50°	24.5
52.5°	17.1
55°	13.4
57.5°	12.2
60°	10.4
62.5°	9.2
65°	7.9
67.5°	6.7
70°	5.5
72.5°	4.9
75°	3.7
77.5°	3.1
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)