

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: P1269414

Luminaire Tested: P3A09R309740DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269414
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309740DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

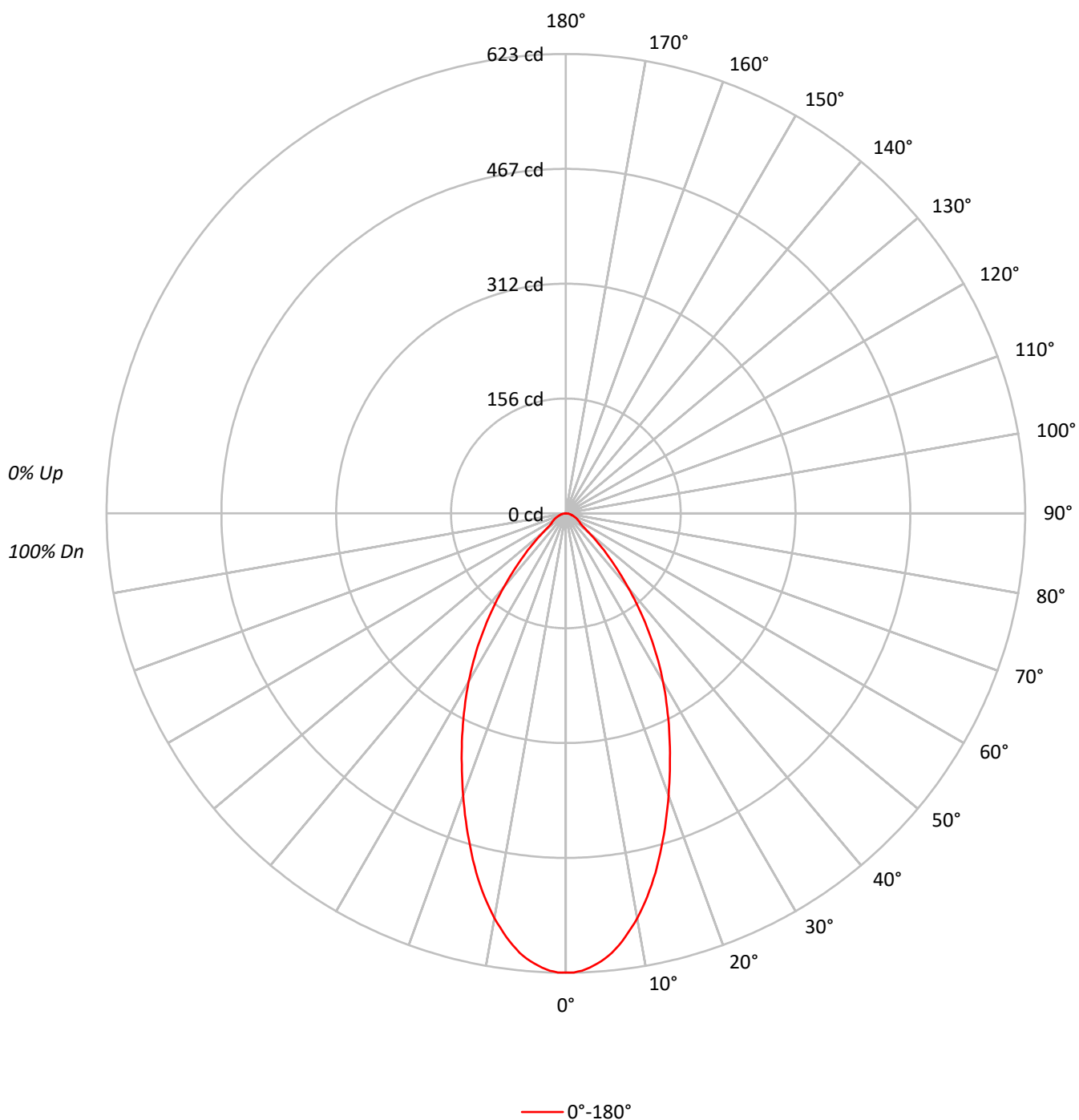
Lumens per Lamp: N/A
Luminaire Lumens: 578.0 lumens
Efficiency: N/A
Efficacy: 52.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1269414

CATALOG NUMBER: P3A09R309740DE010 E3DLD1H

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	136546
5°	133480
10°	124135
15°	110466
20°	94998
25°	80472
30°	66795
35°	52414
40°	37556
45°	24623
50°	14021
55°	9214
60°	8727
65°	8094
70°	7245
75°	6608
80°	6314
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24623 cd/sqm

TEST NUMBER: P1269414

CATALOG NUMBER: P3A09R309740DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.3	9.7
10°-20°	135.3	23.4
20°-30°	152.4	26.4
30°-40°	121.7	21.1
40°-50°	62.6	10.8
50°-60°	23.5	4.1
60°-70°	15.4	2.7
70°-80°	8.3	1.4
80°-90°	2.4	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°	344.0	59.5
0°-40°	465.7	80.6
0°-60°	551.8	95.5
0°-90°	578.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	578.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	623	
5°	606	56
15°	487	135
25°	333	152
35°	196	122
45°	79	63
55°	24	24
65°	16	15
75°	8	8
85°	2	2
90°	0	

TEST NUMBER: P1269414

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CANDELA DISTRIBUTION (FULL):

0°	
0°	622.7
1°	622.7
2°	620.6
3°	617.1
4°	612.1
5°	606.4
6°	599.3
7°	590.1
8°	580.2
9°	568.8
10°	557.5
11°	544.7
12°	531.2
13°	517.1
14°	502.2
15°	486.6
17.5°	446.8
20°	407.1
22.5°	368.8
25°	332.6
27.5°	297.2
30°	263.8
32.5°	229.8
35°	195.8
37.5°	162.4
40°	131.2
42.5°	103.6
45°	79.4
47.5°	58.9
50°	41.1
52.5°	29.1
55°	24.1
57.5°	22.0
60°	19.9
62.5°	17.7
65°	15.6
67.5°	13.5
70°	11.3
72.5°	9.2
75°	7.8
77.5°	6.4
80°	5.0
82.5°	3.5
85°	2.1
87.5°	0.7



TEST NUMBER: P1269414
CATALOG NUMBER: P3A09R309740DE010 E3DLD1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)