

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: P1245573

Luminaire Tested: P3A02R129024DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245573
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R129024DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

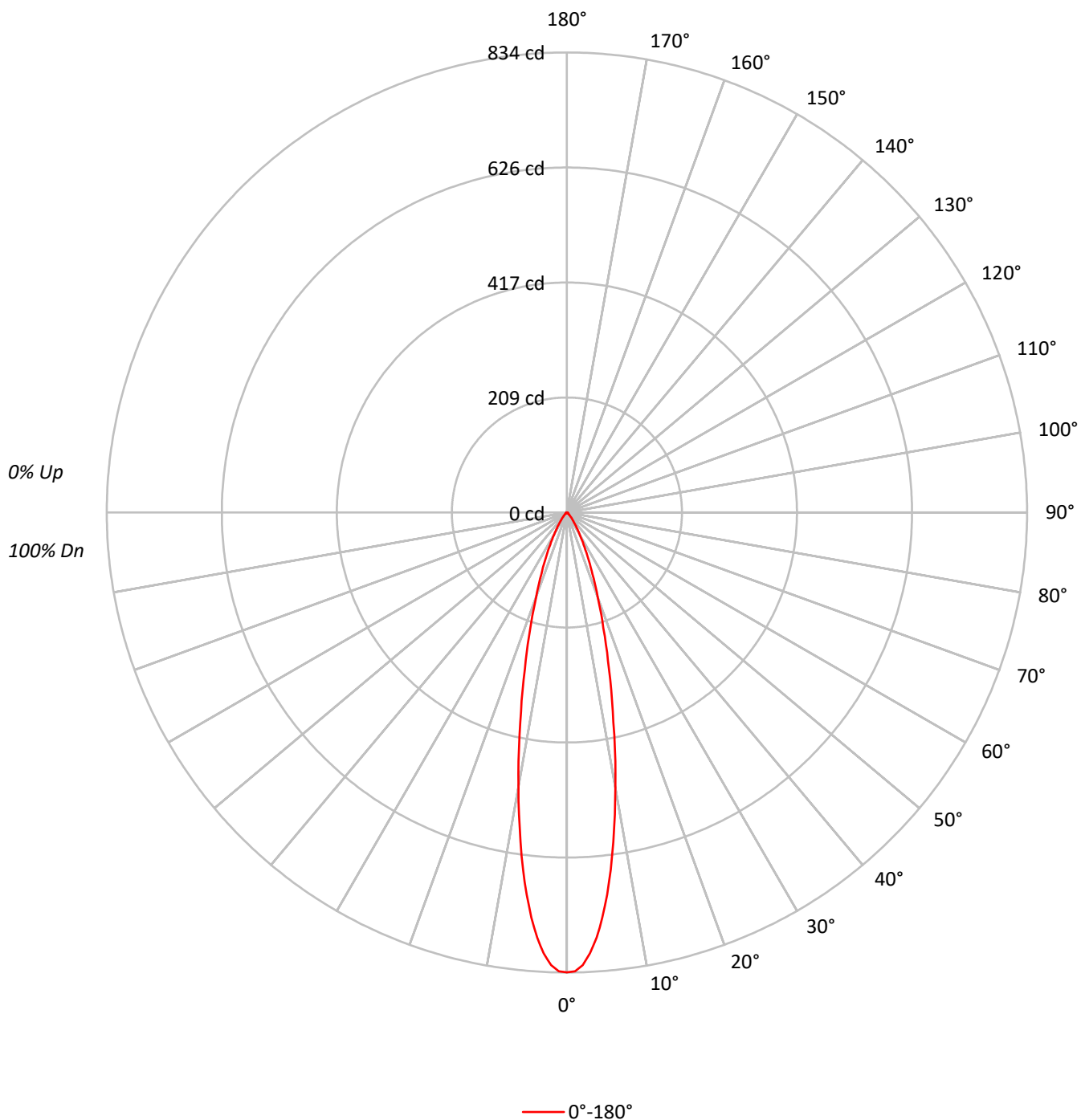
Lumens per Lamp: N/A
Luminaire Lumens: 214.0 lumens
Efficiency: N/A
Efficacy: 57.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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: P1245573

CATALOG NUMBER: P3A02R129024DE010 E3DL1H

Luminous Intensity Polar Plot



TEST NUMBER: P1245573

CATALOG NUMBER: P3A02R129024DE010 E3DL1H

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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91		
3	106	101	97	93	104	99	96	93	97	94	91	95	92	90	92	90	88	87		
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83		
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	80		
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77		
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74		
8	89	81	77	74	88	81	77	73	80	76	73	79	76	73	78	75	73	72		
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69		
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	182814
5°	162271
10°	112690
15°	66652
20°	37967
25°	21703
30°	12002
35°	6398
40°	3550
45°	1923
50°	1194
55°	956
60°	833
65°	726
70°	641
75°	678
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1923 cd/sqm

TEST NUMBER: P1245573

CATALOG NUMBER: P3A02R129024DE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.7	29.3
10°-20°	82.7	38.7
20°-30°	42.6	19.9
30°-40°	16.0	7.5
40°-50°	5.2	2.4
50°-60°	2.3	1.1
60°-70°	1.4	0.7
70°-80°	0.8	0.4
80°-90°	0.2	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°	188.0	87.9
0°-40°	204.0	95.4
0°-60°	211.5	98.9
0°-90°	214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	834	
5°	737	63
15°	294	83
25°	90	43
35°	24	16
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1245573

CATALOG NUMBER: P3A02R129024DE010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	833.7
1°	832.0
2°	821.1
3°	800.3
4°	772.9
5°	737.2
6°	696.8
7°	652.5
8°	603.2
9°	554.6
10°	506.1
12.5°	389.4
15°	293.6
17.5°	219.8
20°	162.7
22.5°	121.4
25°	89.7
27.5°	65.4
30°	47.4
32.5°	33.6
35°	23.9
37.5°	17.1
40°	12.4
42.5°	8.9
45°	6.2
47.5°	4.5
50°	3.5
52.5°	2.9
55°	2.5
57.5°	2.1
60°	1.9
62.5°	1.6
65°	1.4
67.5°	1.2
70°	1.0
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)