

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: P1248154

Luminaire Tested: P3AS02R459027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248154
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R459027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

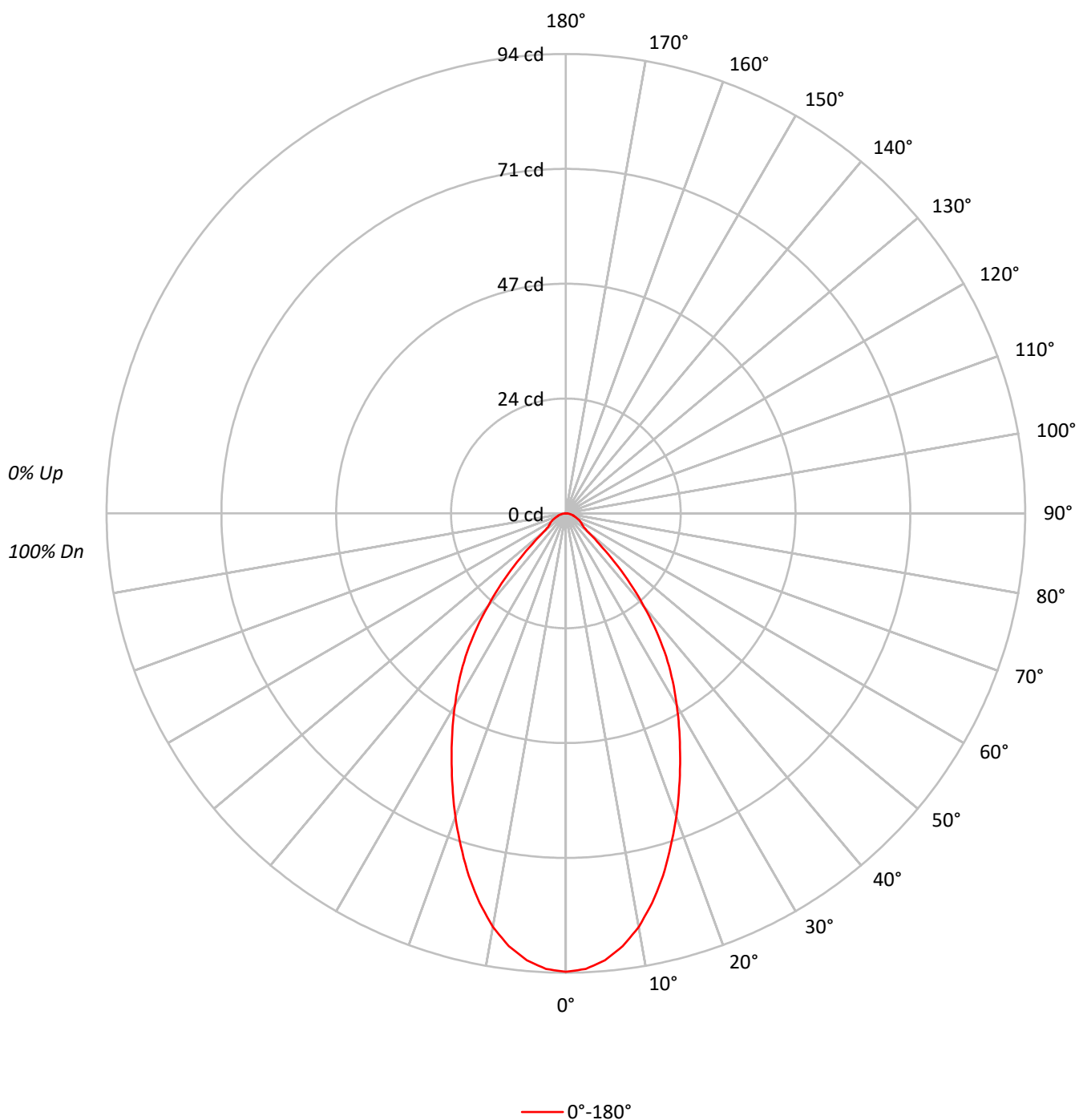
Lumens per Lamp: N/A
Luminaire Lumens: 97.0 lumens
Efficiency: N/A
Efficacy: 26.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1248154

CATALOG NUMBER: P3AS02R459027DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1248154

CATALOG NUMBER: P3AS02R459027DE010 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	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20569
5°	20207
10°	19127
15°	17435
20°	15425
25°	13380
30°	11495
35°	9583
40°	7128
45°	4373
50°	2013
55°	1567
60°	1535
65°	1401
70°	1282
75°	1271
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4373 cd/sqm

TEST NUMBER: P1248154

CATALOG NUMBER: P3AS02R459027DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	8.8
10°-20°	21.4	22.0
20°-30°	25.4	26.2
30°-40°	22.1	22.8
40°-50°	11.1	11.4
50°-60°	3.8	4.0
60°-70°	2.7	2.8
70°-80°	1.5	1.6
80°-90°	0.4	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°	55.4	57.1
0°-40°	77.4	79.8
0°-60°	92.4	95.2
0°-90°	97.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	97.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	94	
5°	92	9
15°	77	21
25°	55	25
35°	36	22
45°	14	11
55°	4	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1248154

CATALOG NUMBER: P3AS02R459027DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	93.8
2.5°	93.3
5°	91.8
7.5°	89.3
10°	85.9
12.5°	81.6
15°	76.8
17.5°	71.4
20°	66.1
22.5°	60.6
25°	55.3
27.5°	50.3
30°	45.4
32.5°	40.7
35°	35.8
37.5°	30.5
40°	24.9
42.5°	19.5
45°	14.1
47.5°	9.3
50°	5.9
52.5°	4.6
55°	4.1
57.5°	3.8
60°	3.5
62.5°	3.1
65°	2.7
67.5°	2.3
70°	2.0
72.5°	1.7
75°	1.5
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)