

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: P1275144

Luminaire Tested: P3AS02R459835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275144
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: P3AS02R459835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

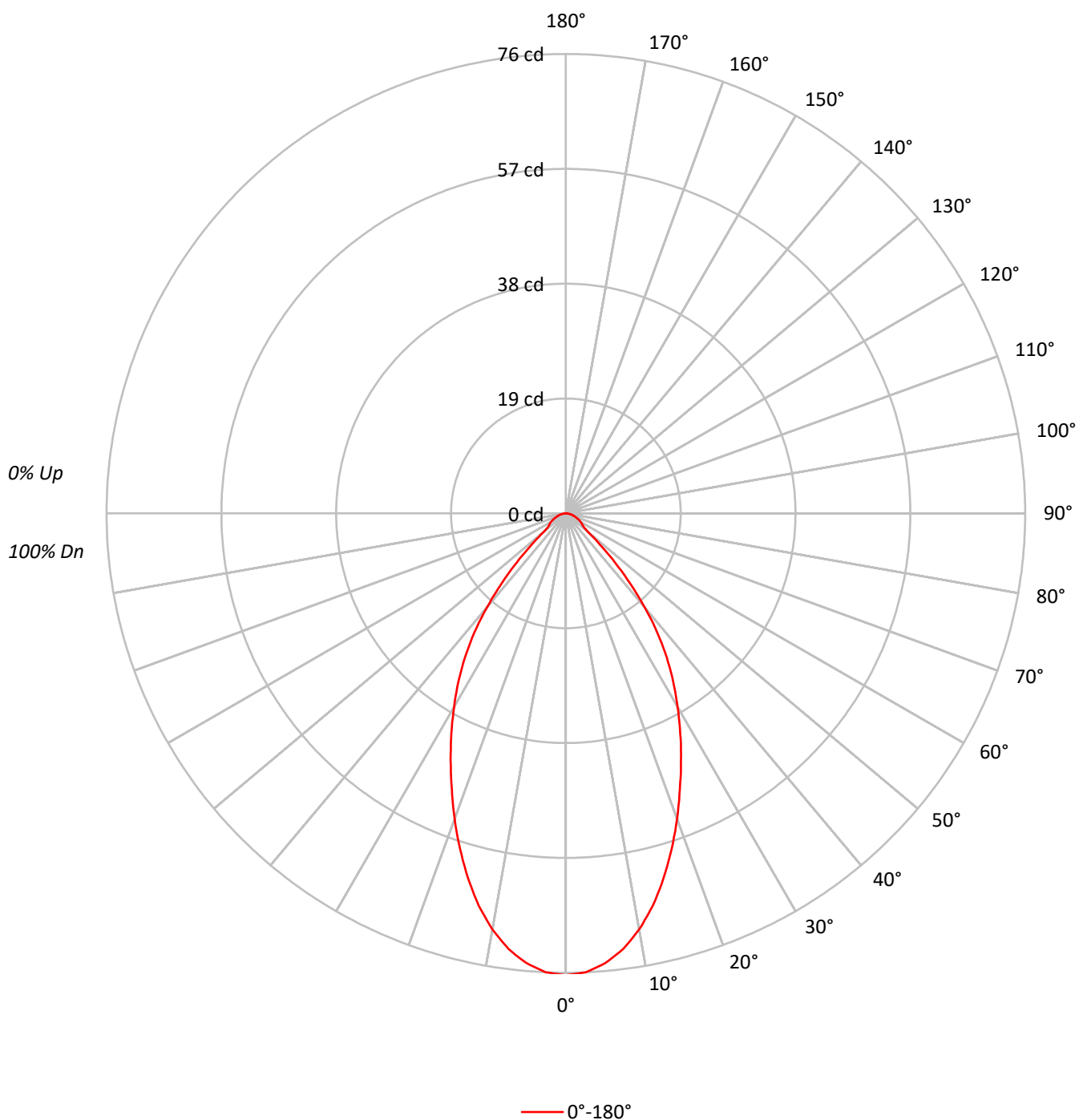
Lumens per Lamp: N/A
Luminaire Lumens: 79.0 lumens
Efficiency: N/A
Efficacy: 21.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275144

CATALOG NUMBER: P3AS02R459835DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1275144

CATALOG NUMBER: P3AS02R459835DE010 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	91	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°	16753
5°	16443
10°	15564
15°	14189
20°	12554
25°	10912
30°	9369
35°	7790
40°	5811
45°	3566
50°	1637
55°	1300
60°	1228
65°	1141
70°	1026
75°	1017
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3566 cd/sqm

TEST NUMBER: P1275144

CATALOG NUMBER: P3AS02R459835DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	8.8
10°-20°	17.4	22.0
20°-30°	20.7	26.2
30°-40°	18.0	22.8
40°-50°	9.0	11.4
50°-60°	3.1	4.0
60°-70°	2.2	2.8
70°-80°	1.2	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°	45.1	57.1
0°-40°	63.1	79.8
0°-60°	75.2	95.2
0°-90°	79.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	79.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	76	
5°	75	7
15°	62	17
25°	45	21
35°	29	18
45°	12	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1275144

CATALOG NUMBER: P3AS02R459835DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	76.4
2.5°	76.0
5°	74.7
7.5°	72.7
10°	69.9
12.5°	66.5
15°	62.5
17.5°	58.2
20°	53.8
22.5°	49.3
25°	45.1
27.5°	41.0
30°	37.0
32.5°	33.1
35°	29.1
37.5°	24.9
40°	20.3
42.5°	15.8
45°	11.5
47.5°	7.6
50°	4.8
52.5°	3.7
55°	3.4
57.5°	3.1
60°	2.8
62.5°	2.5
65°	2.2
67.5°	1.9
70°	1.6
72.5°	1.4
75°	1.2
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)