

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: P1276524

Luminaire Tested: P3AS17R459835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276524
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: P3AS17R459835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

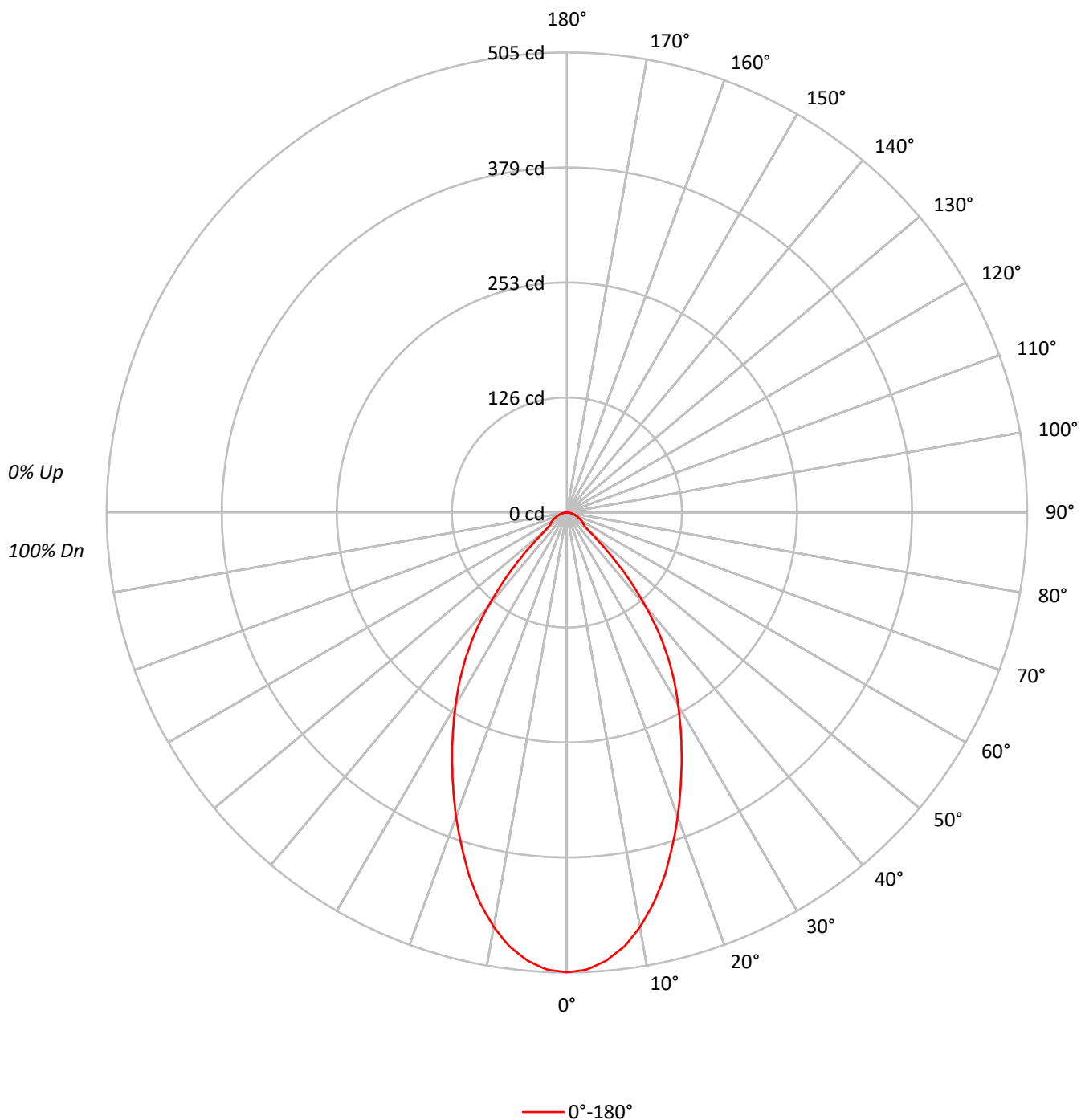
Lumens per Lamp: N/A
Luminaire Lumens: 522.0 lumens
Efficiency: N/A
Efficacy: 25.6 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1276524

CATALOG NUMBER: P3AS17R459835DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1276524

CATALOG NUMBER: P3AS17R459835DE010 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°	110671
5°	108716
10°	102871
15°	93826
20°	82957
25°	72053
30°	61832
35°	51531
40°	38415
45°	23506
50°	10882
55°	8525
60°	8157
65°	7472
70°	6924
75°	6608
80°	6061
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23506 cd/sqm

TEST NUMBER: P1276524

CATALOG NUMBER: P3AS17R459835DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.1	8.8
10°-20°	115.1	22.0
20°-30°	136.7	26.2
30°-40°	118.8	22.8
40°-50°	59.6	11.4
50°-60°	20.7	4.0
60°-70°	14.5	2.8
70°-80°	8.1	1.5
80°-90°	2.4	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°	297.9	57.1
0°-40°	416.7	79.8
0°-60°	497.0	95.2
0°-90°	522.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	522.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	505	
5°	494	46
15°	413	115
25°	298	137
35°	192	119
45°	76	60
55°	22	21
65°	14	14
75°	8	8
85°	2	2
90°	0	

TEST NUMBER: P1276524

CATALOG NUMBER: P3AS17R459835DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	504.7
2.5°	502.3
5°	493.9
7.5°	480.7
10°	462.0
12.5°	439.2
15°	413.3
17.5°	384.4
20°	355.5
22.5°	326.1
25°	297.8
27.5°	270.7
30°	244.2
32.5°	219.0
35°	192.5
37.5°	164.2
40°	134.2
42.5°	104.7
45°	75.8
47.5°	49.9
50°	31.9
52.5°	24.7
55°	22.3
57.5°	20.5
60°	18.6
62.5°	16.8
65°	14.4
67.5°	12.6
70°	10.8
72.5°	9.0
75°	7.8
77.5°	6.0
80°	4.8
82.5°	3.6
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)