

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: P1253624

Luminaire Tested: P3AS02R559035DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253624
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559035DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

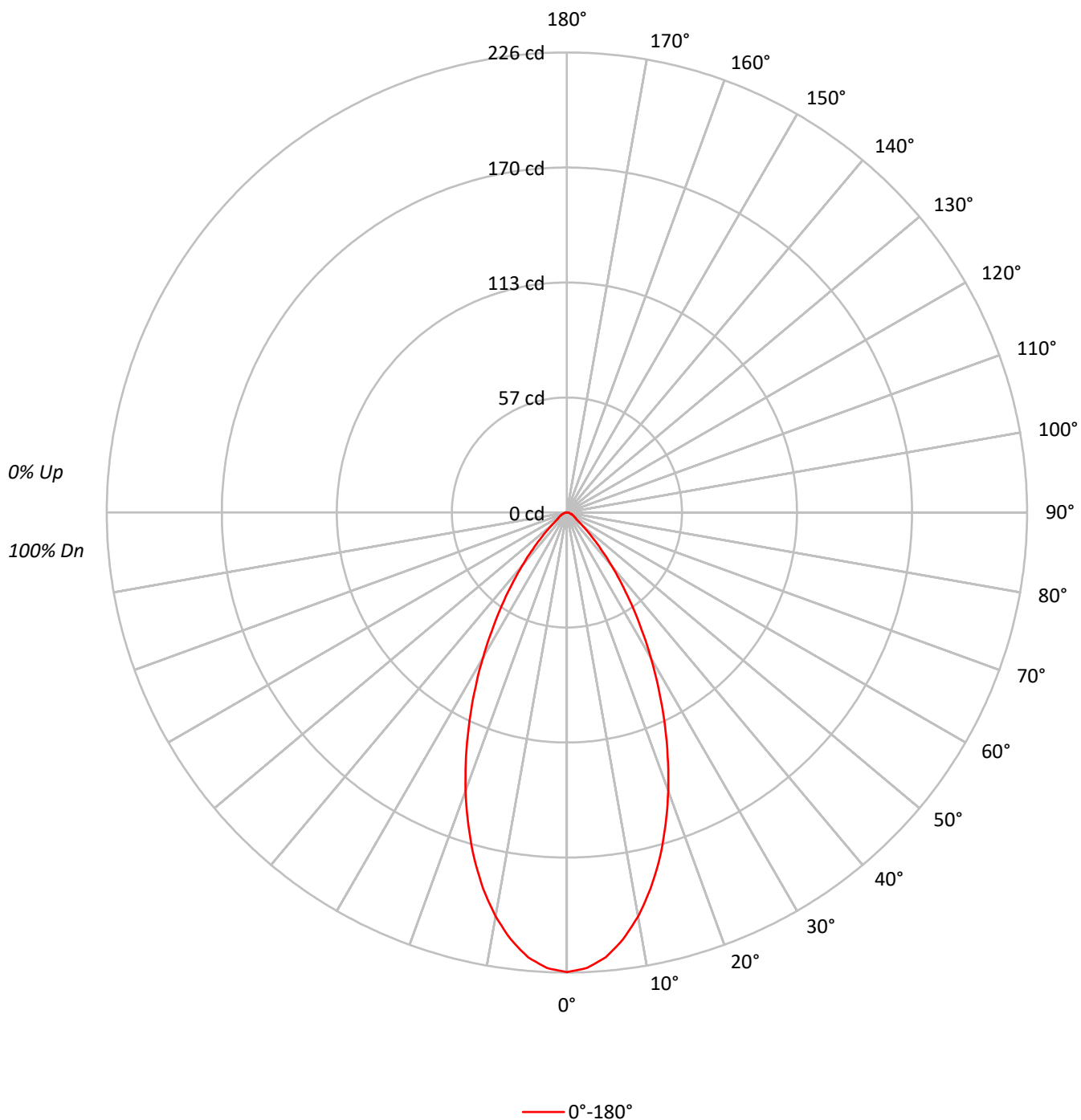
Lumens per Lamp: N/A
Luminaire Lumens: 182.1 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253624

CATALOG NUMBER: P3AS02R559035DE010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1253624

CATALOG NUMBER: P3AS02R559035DE010 E3DL1WH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97	95	94	92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91	89	87	85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85	83	80	78
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80	77	74	73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76	72	69	67
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72	67	64	63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68	63	60	59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64	60	56	55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61	56	53	52
10	70	60	54	50	69	60	54	50	59	54	50		58	54	50		58	53	50	49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49514
5°	48272
10°	44867
15°	39955
20°	33953
25°	27413
30°	20889
35°	14857
40°	9818
45°	5830
50°	3411
55°	2103
60°	1886
65°	1712
70°	1475
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5830 cd/sqm

TEST NUMBER: P1253624

CATALOG NUMBER: P3AS02R559035DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.4	11.2
10°-20°	48.8	26.8
20°-30°	51.7	28.4
30°-40°	34.9	19.2
40°-50°	15.3	8.4
50°-60°	5.5	3.0
60°-70°	3.3	1.8
70°-80°	1.7	0.9
80°-90°	0.6	0.3
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°	120.8	66.3
0°-40°	155.8	85.5
0°-60°	176.6	97.0
0°-90°	182.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	182.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	226	
5°	219	20
15°	176	49
25°	113	52
35°	56	35
45°	19	15
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1253624

CATALOG NUMBER: P3AS02R559035DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	225.8
2.5°	224.0
5°	219.3
7.5°	211.5
10°	201.5
12.5°	189.5
15°	176.0
17.5°	161.0
20°	145.5
22.5°	129.3
25°	113.3
27.5°	97.5
30°	82.5
32.5°	68.3
35°	55.5
37.5°	44.0
40°	34.3
42.5°	25.8
45°	18.8
47.5°	13.8
50°	10.0
52.5°	7.0
55°	5.5
57.5°	5.0
60°	4.3
62.5°	3.8
65°	3.3
67.5°	2.8
70°	2.3
72.5°	2.0
75°	1.5
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)