

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: P1276002

Luminaire Tested: P3AS13R159835DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276002
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159835DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

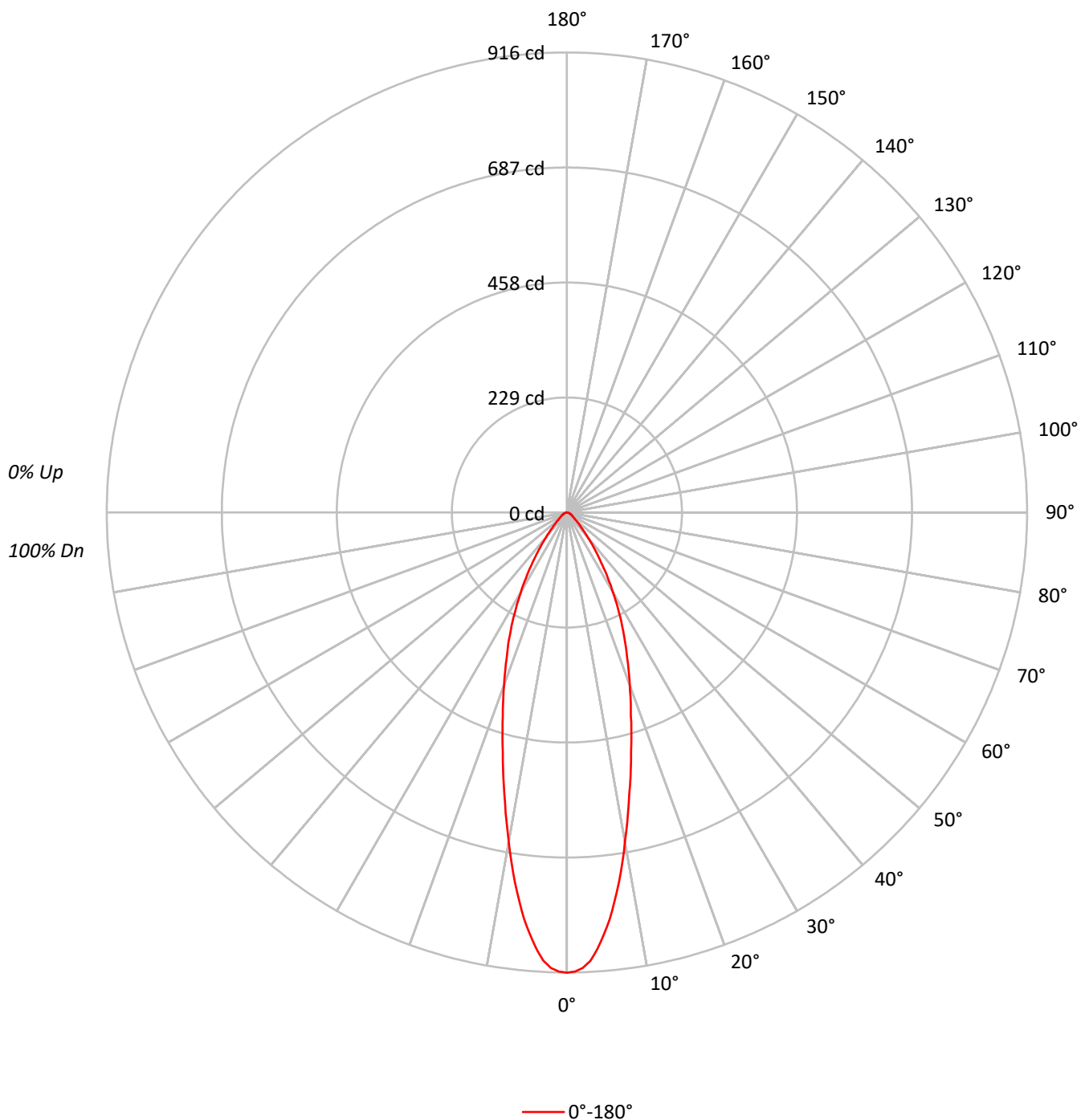
Lumens per Lamp: N/A
Luminaire Lumens: 466.0 lumens
Efficiency: N/A
Efficacy: 32.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1276002

CATALOG NUMBER: P3AS13R159835DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1276002

CATALOG NUMBER: P3AS13R159835DE010 E3DL1WH

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	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	200949
5°	185736
10°	148272
15°	112010
20°	85291
25°	64988
30°	46564
35°	30383
40°	18635
45°	11257
50°	7471
55°	5773
60°	5000
65°	4307
70°	3911
75°	3813
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11257 cd/sqm

TEST NUMBER: P1276002

CATALOG NUMBER: P3AS13R159835DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.7	16.0
10°-20°	137.9	29.6
20°-30°	122.8	26.3
30°-40°	72.6	15.6
40°-50°	29.8	6.4
50°-60°	14.0	3.0
60°-70°	8.5	1.8
70°-80°	4.5	1.0
80°-90°	1.2	0.2
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°	335.4	72.0
0°-40°	408.0	87.6
0°-60°	451.8	97.0
0°-90°	466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	466.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	916	
5°	844	75
15°	493	138
25°	269	123
35°	114	73
45°	36	30
55°	15	14
65°	8	9
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1276002

CATALOG NUMBER: P3AS13R159835DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	916.4
1°	914.1
2°	907.3
3°	893.7
4°	871.0
5°	843.8
6°	814.2
7°	779.4
8°	743.1
9°	706.0
10°	665.9
12.5°	574.4
15°	493.4
17.5°	423.8
20°	365.5
22.5°	314.0
25°	268.6
27.5°	224.7
30°	183.9
32.5°	146.8
35°	113.5
37.5°	87.0
40°	65.1
42.5°	48.4
45°	36.3
47.5°	28.0
50°	21.9
52.5°	18.2
55°	15.1
57.5°	12.9
60°	11.4
62.5°	9.8
65°	8.3
67.5°	7.6
70°	6.1
72.5°	5.3
75°	4.5
77.5°	3.0
80°	2.3
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)