

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: P1276294

Luminaire Tested: P3AS13R659835DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276294
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659835DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

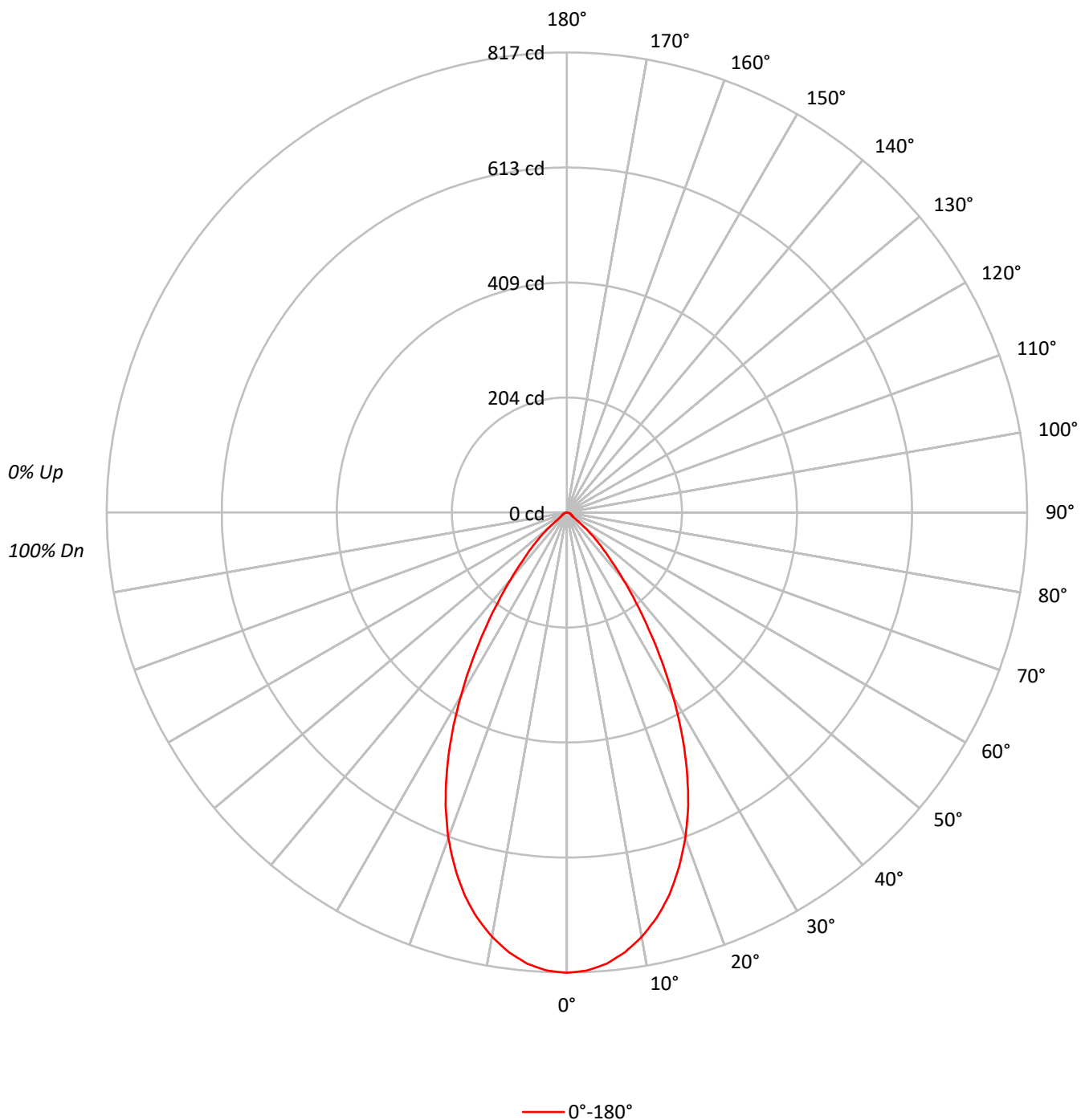
Lumens per Lamp: N/A
Luminaire Lumens: 760.0 lumens
Efficiency: N/A
Efficacy: 52.4 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276294

CATALOG NUMBER: P3AS13R659835DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1276294

CATALOG NUMBER: P3AS13R659835DE010 E3DL1WMH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179240
5°	177085
10°	170360
15°	159592
20°	143536
25°	121870
30°	95331
35°	67940
40°	44455
45°	27476
50°	13953
55°	4932
60°	4298
65°	4307
70°	3911
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27476 cd/sqm

TEST NUMBER: P1276294

CATALOG NUMBER: P3AS13R659835DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.5	9.9
10°-20°	195.7	25.7
20°-30°	228.6	30.1
30°-40°	159.8	21.0
40°-50°	70.3	9.3
50°-60°	15.7	2.1
60°-70°	8.0	1.0
70°-80°	4.8	0.6
80°-90°	1.7	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°	499.8	65.8
0°-40°	659.6	86.8
0°-60°	745.6	98.1
0°-90°	760.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	760.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	817	
5°	804	76
15°	703	196
25°	504	229
35°	254	160
45°	89	70
55°	13	16
65°	8	8
75°	4	5
85°	2	2
90°	0	

TEST NUMBER: P1276294

CATALOG NUMBER: P3AS13R659835DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	817.4
2.5°	814.3
5°	804.5
7.5°	787.8
10°	765.1
12.5°	737.1
15°	703.0
17.5°	661.3
20°	615.1
22.5°	562.8
25°	503.7
27.5°	441.6
30°	376.5
32.5°	313.6
35°	253.8
37.5°	201.5
40°	155.3
42.5°	117.4
45°	88.6
47.5°	65.1
50°	40.9
52.5°	21.2
55°	12.9
57.5°	11.4
60°	9.8
62.5°	9.1
65°	8.3
67.5°	6.8
70°	6.1
72.5°	5.3
75°	4.5
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)