

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: P1249285

Luminaire Tested: P3AS13R359027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249285
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

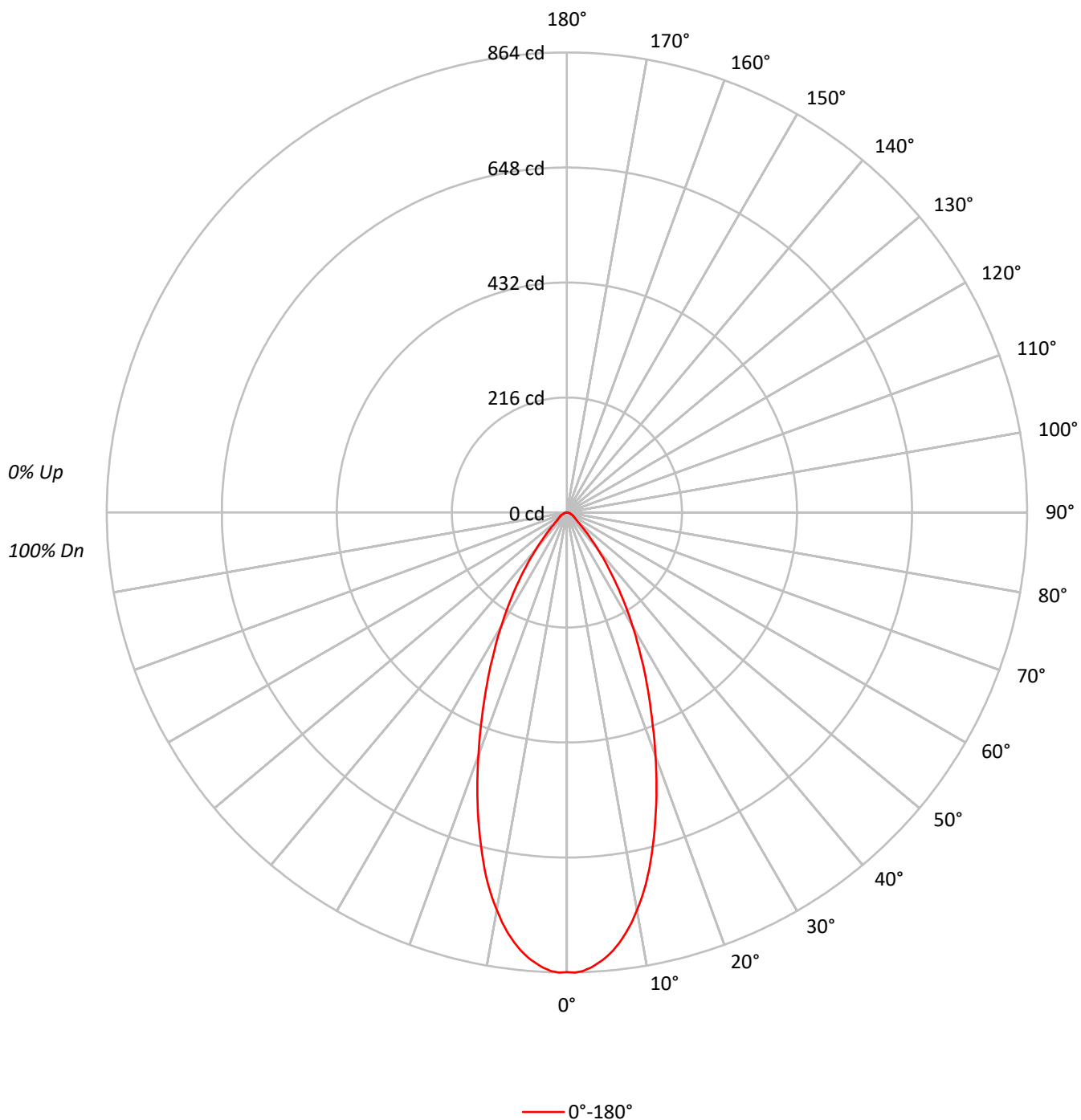
Lumens per Lamp: N/A
Luminaire Lumens: 589.0 lumens
Efficiency: N/A
Efficacy: 40.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1249285

CATALOG NUMBER: P3AS13R359027DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1249285

CATALOG NUMBER: P3AS13R359027DE010 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	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	189327
5°	184657
10°	168823
15°	143293
20°	113433
25°	85795
30°	62465
35°	42242
40°	25963
45°	14916
50°	8972
55°	7264
60°	6359
65°	5656
70°	4680
75°	4575
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14916 cd/sqm

TEST NUMBER: P1249285

CATALOG NUMBER: P3AS13R359027DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.5	13.2
10°-20°	174.0	29.5
20°-30°	162.8	27.6
30°-40°	99.6	16.9
40°-50°	39.3	6.7
50°-60°	17.3	2.9
60°-70°	10.8	1.8
70°-80°	5.7	1.0
80°-90°	2.0	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°	414.3	70.3
0°-40°	514.0	87.3
0°-60°	570.5	96.9
0°-90°	589.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	589.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	863	
5°	839	78
15°	631	174
25°	355	163
35°	158	100
45°	48	39
55°	19	17
65°	11	11
75°	5	6
85°	2	2
90°	0	

TEST NUMBER: P1249285

CATALOG NUMBER: P3AS13R359027DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	863.4
1°	864.3
2°	861.6
3°	856.1
4°	848.0
5°	838.9
6°	827.1
7°	813.5
8°	797.2
9°	779.0
10°	758.2
11°	736.4
12°	712.8
13°	687.4
14°	659.3
15°	631.2
17.5°	558.7
20°	486.1
22.5°	416.3
25°	354.6
27.5°	297.5
30°	246.7
32.5°	199.5
35°	157.8
37.5°	120.6
40°	90.7
42.5°	65.3
45°	48.1
47.5°	34.5
50°	26.3
52.5°	21.8
55°	19.0
57.5°	16.3
60°	14.5
62.5°	12.7
65°	10.9
67.5°	9.1
70°	7.3
72.5°	6.3
75°	5.4
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9



TEST NUMBER: P1249285

CATALOG NUMBER: P3AS13R359027DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)