

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: P1249140

Luminaire Tested: P3AS13R129027DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249140
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129027DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

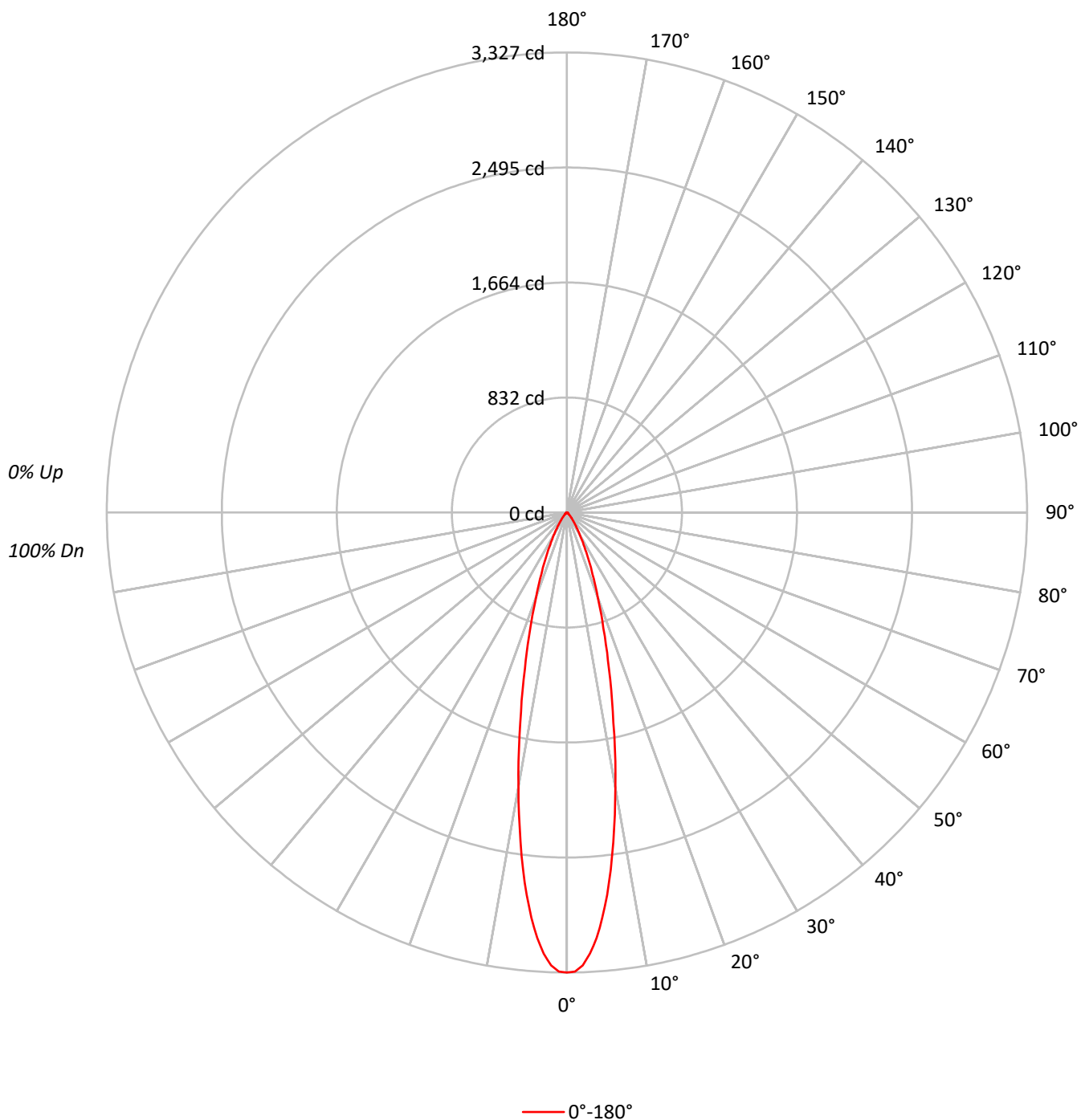
Lumens per Lamp: N/A
Luminaire Lumens: 854.0 lumens
Efficiency: N/A
Efficacy: 55.1 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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: P1249140

CATALOG NUMBER: P3AS13R129027DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1249140

CATALOG NUMBER: P3AS13R129027DE010 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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	729547
5°	647566
10°	449713
15°	265949
20°	151470
25°	86594
30°	47906
35°	25538
40°	14141
45°	7660
50°	4776
55°	3785
60°	3245
65°	3009
70°	2629
75°	2796
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7660 cd/sqm

TEST NUMBER: P1249140

CATALOG NUMBER: P3AS13R129027DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.2	29.3
10°-20°	330.2	38.7
20°-30°	170.0	19.9
30°-40°	63.8	7.5
40°-50°	20.9	2.4
50°-60°	9.0	1.1
60°-70°	5.7	0.7
70°-80°	3.4	0.4
80°-90°	0.9	0.1
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°	750.3	87.9
0°-40°	814.2	95.3
0°-60°	844.1	98.8
0°-90°	854.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	854.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3327	
5°	2942	250
15°	1172	330
25°	358	170
35°	95	64
45°	25	21
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1249140

CATALOG NUMBER: P3AS13R129027DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	3327.0
1°	3320.4
2°	3276.8
3°	3193.7
4°	3084.3
5°	2941.9
6°	2780.7
7°	2603.8
8°	2407.2
9°	2213.0
10°	2019.7
12.5°	1554.1
15°	1171.5
17.5°	877.0
20°	649.1
22.5°	484.6
25°	357.9
27.5°	260.8
30°	189.2
32.5°	134.1
35°	95.4
37.5°	68.3
40°	49.4
42.5°	35.4
45°	24.7
47.5°	18.1
50°	14.0
52.5°	11.5
55°	9.9
57.5°	8.2
60°	7.4
62.5°	6.6
65°	5.8
67.5°	4.9
70°	4.1
72.5°	4.1
75°	3.3
77.5°	2.5
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)