

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: P1249316

Luminaire Tested: P3AS13R409027DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

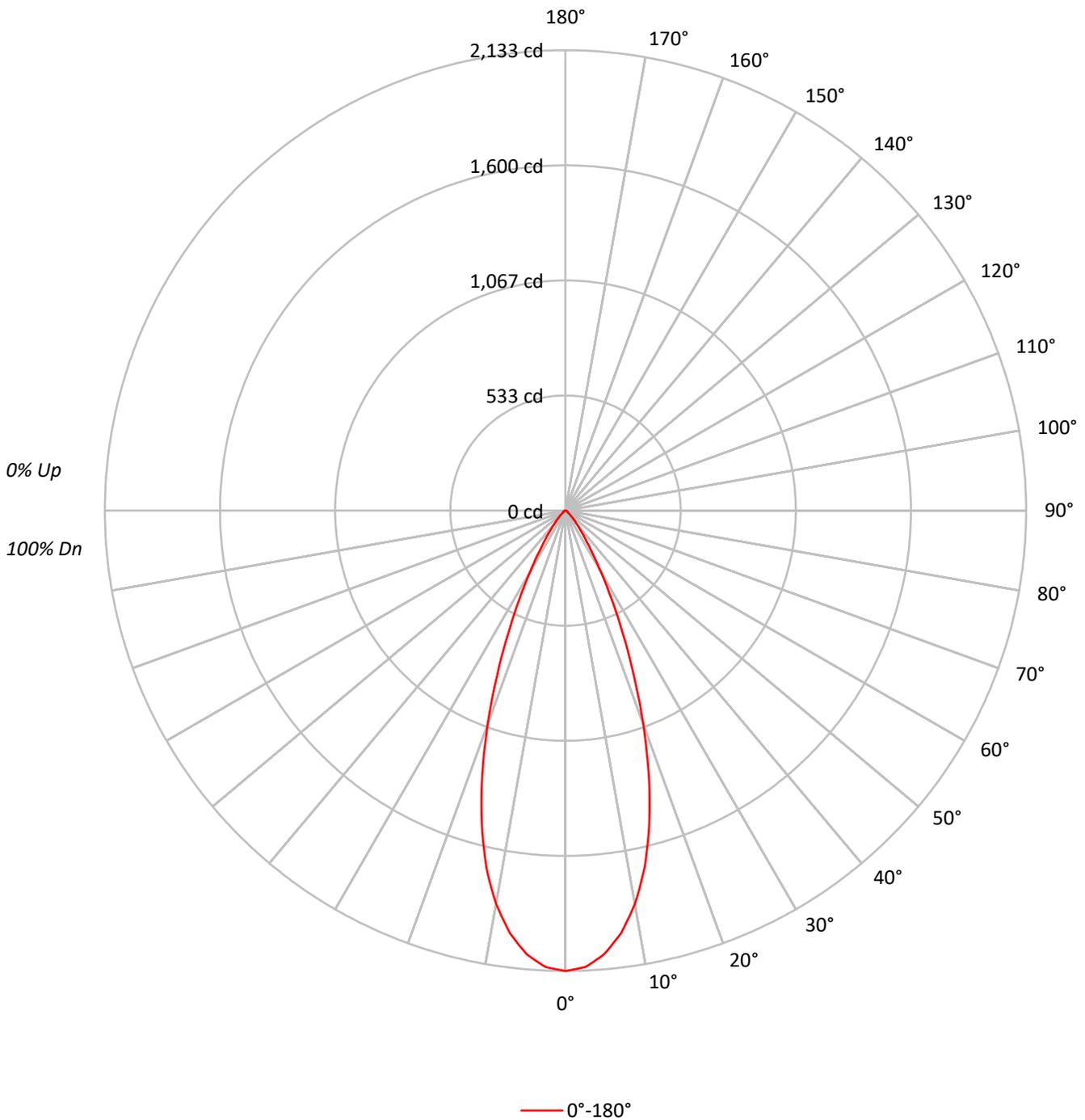
Test Method: LM-79-2019  
Report Number: P1249316  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R409027DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1057.0 lumens  
Efficiency: N/A  
Efficacy: 72.4 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
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: P1249316  
CATALOG NUMBER: P3AS13R409027DE010 E3DL1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1249316

CATALOG NUMBER: P3AS13R409027DE010 E3DL1MW

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94				94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89				89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84				84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80				80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76				76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72				72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69				69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65				65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63				63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60				60

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	467726
5°	454126
10°	412105
15°	340456
20°	245581
25°	151896
30°	82241
35°	42510
40°	23100
45°	12932
50°	6516
55°	4855
60°	4386
65°	4255
70°	4103
75°	3813
80°	3410
85°	2264

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12932 cd/sqm



TEST NUMBER: P1249316  
 CATALOG NUMBER: P3AS13R409027DE010 E3DL1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	190.2	18.0
10°-20°	408.4	38.6
20°-30°	291.4	27.6
30°-40°	107.3	10.1
40°-50°	33.8	3.2
50°-60°	11.7	1.1
60°-70°	8.1	0.8
70°-80°	4.8	0.5
80°-90°	1.3	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°	890.0	84.2
0°-40°	997.2	94.3
0°-60°	1042.8	98.7
0°-90°	1057.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1057.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2133	
5°	2063	190
15°	1500	408
25°	628	291
35°	159	107
45°	42	34
55°	13	12
65°	8	8
75°	4	5
85°	1	1
90°	0	



TEST NUMBER: P1249316  
CATALOG NUMBER: P3AS13R409027DE010 E3DL1MW

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2133.0
2.5°	2116.6
5°	2063.1
7.5°	1974.2
10°	1850.8
12.5°	1693.8
15°	1499.7
17.5°	1281.9
20°	1052.4
22.5°	826.5
25°	627.8
27.5°	460.9
30°	324.8
32.5°	227.7
35°	158.8
37.5°	112.5
40°	80.7
42.5°	58.1
45°	41.7
47.5°	28.1
50°	19.1
52.5°	13.6
55°	12.7
57.5°	11.8
60°	10.0
62.5°	9.1
65°	8.2
67.5°	7.3
70°	6.4
72.5°	5.4
75°	4.5
77.5°	3.6
80°	2.7
82.5°	1.8
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)