

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: P1269708

Luminaire Tested: P3A13R129740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269708
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R129740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

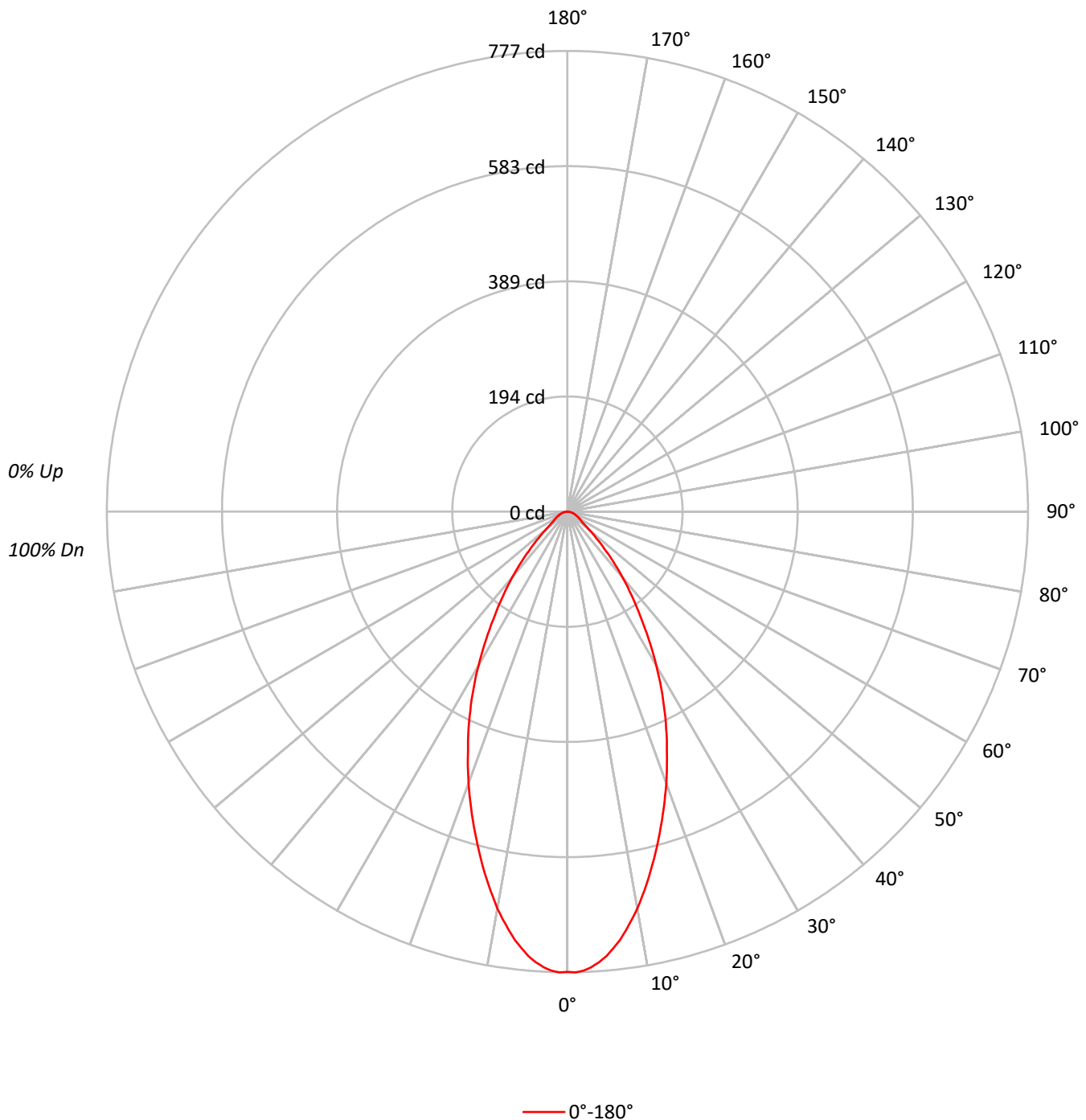
Lumens per Lamp: N/A
Luminaire Lumens: 675.0 lumens
Efficiency: N/A
Efficacy: 43.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269708

CATALOG NUMBER: P3A13R129740DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1269708

CATALOG NUMBER: P3A13R129740DE010 E3DLD1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	170250
5°	165639
10°	151367
15°	132577
20°	113737
25°	94965
30°	75986
35°	56992
40°	41363
45°	27042
50°	16921
55°	11431
60°	10131
65°	9340
70°	8784
75°	7964
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27042 cd/sqm

TEST NUMBER: P1269708

CATALOG NUMBER: P3A13R129740DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.4	10.3
10°-20°	162.7	24.1
20°-30°	179.3	26.6
30°-40°	134.3	19.9
40°-50°	69.6	10.3
50°-60°	28.8	4.3
60°-70°	17.9	2.6
70°-80°	10.0	1.5
80°-90°	2.9	0.4
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°	411.5	61.0
0°-40°	545.7	80.8
0°-60°	644.2	95.4
0°-90°	675.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	675.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	776	
5°	752	69
15°	584	163
25°	392	179
35°	213	134
45°	87	70
55°	30	29
65°	18	18
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1269708

CATALOG NUMBER: P3A13R129740DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	776.4
1°	777.3
2°	774.7
3°	769.6
4°	761.9
5°	752.5
6°	740.5
7°	727.7
8°	712.3
9°	696.1
10°	679.8
12.5°	632.8
15°	584.0
17.5°	535.3
20°	487.4
22.5°	438.7
25°	392.5
27.5°	346.3
30°	300.1
32.5°	254.8
35°	212.9
37.5°	177.0
40°	144.5
42.5°	114.6
45°	87.2
47.5°	65.8
50°	49.6
52.5°	36.8
55°	29.9
57.5°	26.5
60°	23.1
62.5°	20.5
65°	18.0
67.5°	15.4
70°	13.7
72.5°	11.1
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	0.9
90°	0.0

(END OF REPORT)