

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: P1249349

Luminaire Tested: P3AS13R459027DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249349
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R459027DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

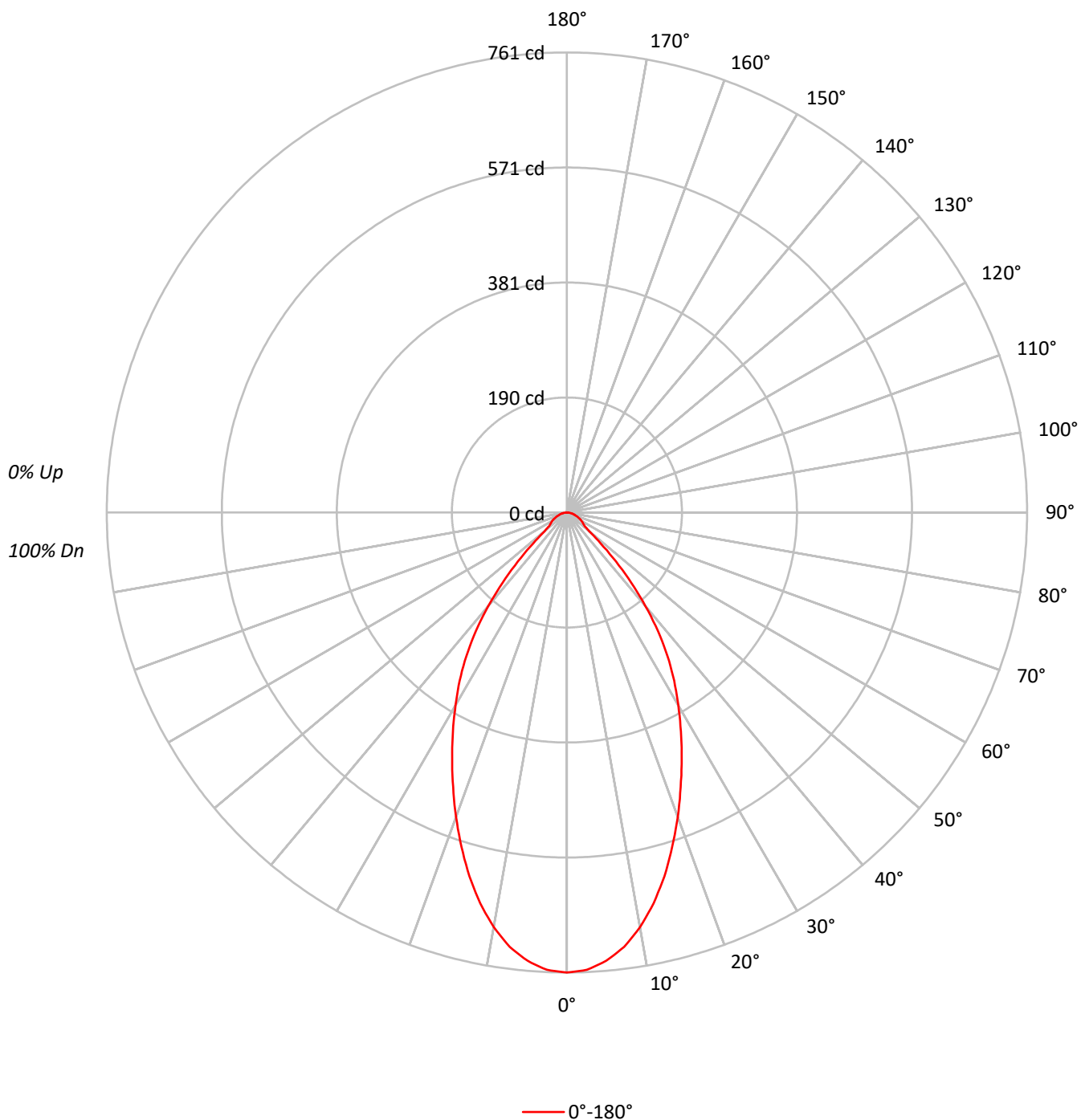
Lumens per Lamp: N/A
Luminaire Lumens: 787.0 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	166873
5°	163900
10°	155107
15°	141454
20°	125078
25°	108635
30°	93230
35°	77684
40°	57908
45°	35446
50°	16409
55°	12845
60°	12324
65°	11311
70°	10450
75°	9997
80°	9218
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35446 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.6	8.8
10°-20°	173.5	22.0
20°-30°	206.1	26.2
30°-40°	179.1	22.8
40°-50°	89.8	11.4
50°-60°	31.2	4.0
60°-70°	21.9	2.8
70°-80°	12.2	1.6
80°-90°	3.7	0.5
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°	449.2	57.1
0°-40°	628.2	79.8
0°-60°	749.2	95.2
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	761	
5°	745	70
15°	623	173
25°	449	206
35°	290	179
45°	114	90
55°	34	31
65°	22	22
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	761.0
2.5°	757.3
5°	744.6
7.5°	724.7
10°	696.6
12.5°	662.1
15°	623.1
17.5°	579.6
20°	536.0
22.5°	491.6
25°	449.0
27.5°	408.1
30°	368.2
32.5°	330.1
35°	290.2
37.5°	247.6
40°	202.3
42.5°	157.8
45°	114.3
47.5°	75.3
50°	48.1
52.5°	37.2
55°	33.6
57.5°	30.8
60°	28.1
62.5°	25.4
65°	21.8
67.5°	19.0
70°	16.3
72.5°	13.6
75°	11.8
77.5°	9.1
80°	7.3
82.5°	5.4
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)