

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: P1268564

Luminaire Tested: P3A02R209740DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268564
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R209740DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

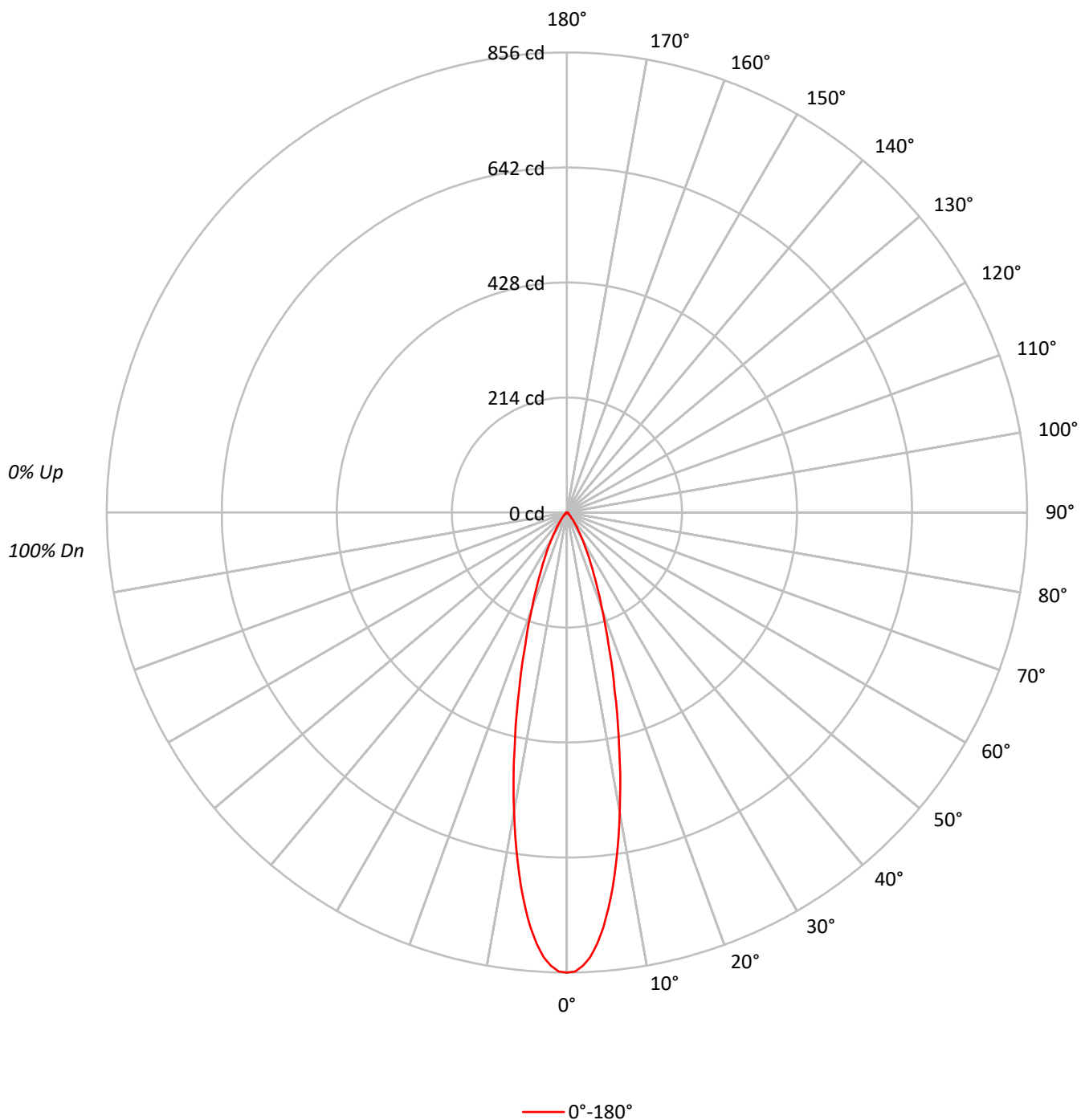
Lumens per Lamp: N/A
Luminaire Lumens: 244.0 lumens
Efficiency: N/A
Efficacy: 67.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1268564

CATALOG NUMBER: P3A02R209740DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1268564

CATALOG NUMBER: P3A02R209740DE010 E3DL1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	187726
5°	170658
10°	126117
15°	78025
20°	44547
25°	25429
30°	14255
35°	7763
40°	4265
45°	2326
50°	1365
55°	994
60°	921
65°	882
70°	769
75°	763
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2326 cd/sqm

TEST NUMBER: P1268564

CATALOG NUMBER: P3A02R209740DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.1	27.5
10°-20°	95.8	39.3
20°-30°	50.0	20.5
30°-40°	19.4	7.9
40°-50°	6.3	2.6
50°-60°	2.5	1.0
60°-70°	1.6	0.7
70°-80°	1.0	0.4
80°-90°	0.3	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°	213.0	87.3
0°-40°	232.3	95.2
0°-60°	241.1	98.8
0°-90°	244.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	244.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	856	
5°	775	67
15°	344	96
25°	105	50
35°	29	19
45°	8	6
55°	3	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1268564

CATALOG NUMBER: P3A02R209740DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	856.1
1°	854.5
2°	844.3
3°	828.8
4°	804.7
5°	775.3
6°	740.4
7°	701.7
8°	656.9
9°	613.3
10°	566.4
12.5°	450.2
15°	343.7
17.5°	257.2
20°	190.9
22.5°	141.4
25°	105.1
27.5°	77.6
30°	56.3
32.5°	40.8
35°	29.0
37.5°	21.0
40°	14.9
42.5°	10.6
45°	7.5
47.5°	5.4
50°	4.0
52.5°	3.1
55°	2.6
57.5°	2.4
60°	2.1
62.5°	1.9
65°	1.7
67.5°	1.4
70°	1.2
72.5°	1.2
75°	0.9
77.5°	0.7
80°	0.5
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)