

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: P1264244

Luminaire Tested: P3A05R259730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264244
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R259730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

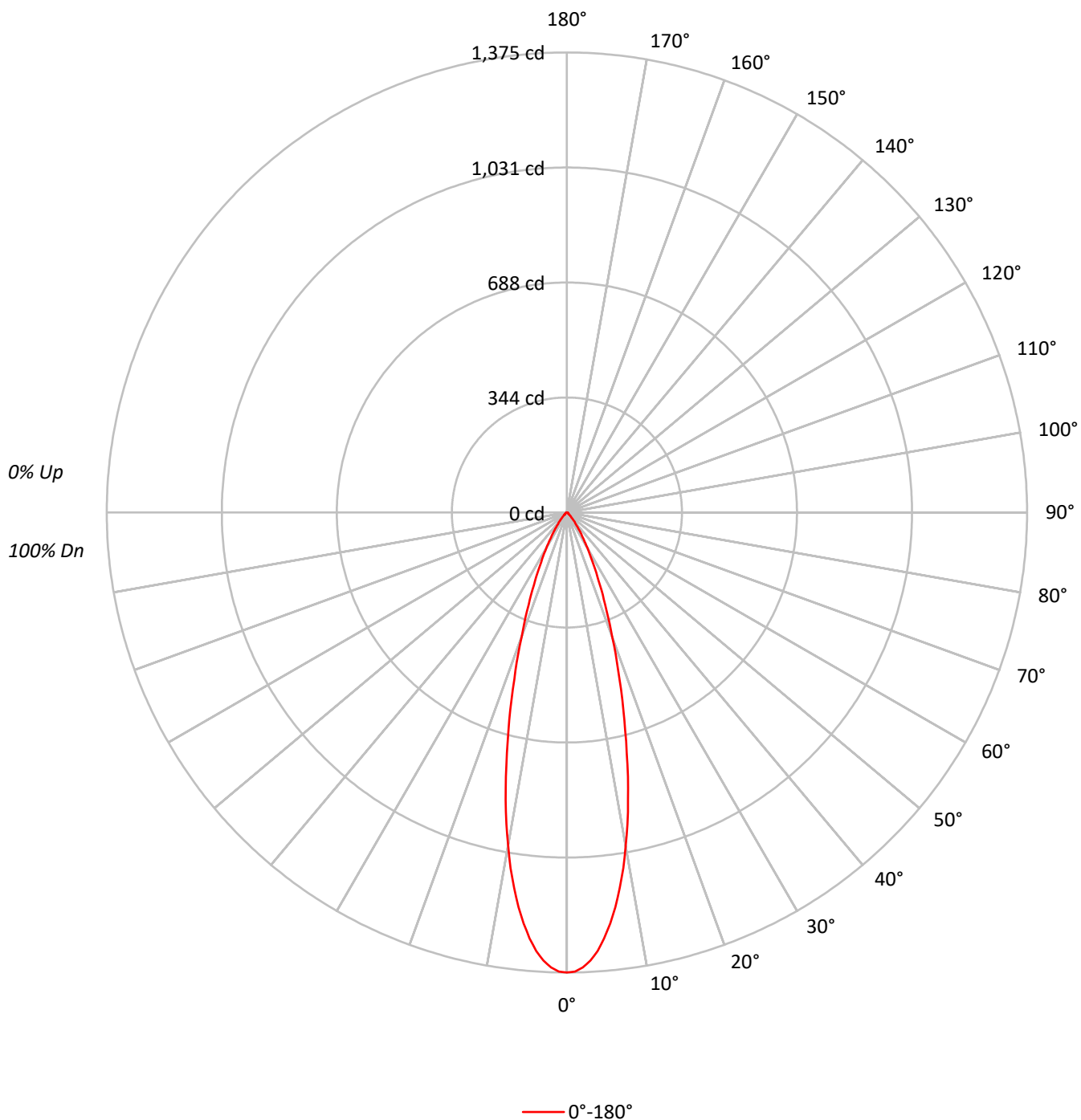
Lumens per Lamp: N/A
Luminaire Lumens: 469.9 lumens
Efficiency: N/A
Efficacy: 65.3 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	301489
5°	281289
10°	225335
15°	152941
20°	92548
25°	54124
30°	30815
35°	16945
40°	8988
45°	4745
50°	2763
55°	2064
60°	1754
65°	1868
70°	1731
75°	1525
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.4	24.1
10°-20°	185.2	39.4
20°-30°	105.8	22.5
30°-40°	41.7	8.9
40°-50°	12.8	2.7
50°-60°	5.0	1.1
60°-70°	3.4	0.7
70°-80°	1.9	0.4
80°-90°	0.6	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°	404.5	86.1
0°-40°	446.2	95.0
0°-60°	464.1	98.8
0°-90°	469.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	469.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1375	
5°	1278	113
15°	674	185
25°	224	106
35°	63	42
45°	15	13
55°	5	5
65°	4	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1374.9
1°	1372.2
2°	1361.0
3°	1341.2
4°	1313.8
5°	1277.9
6°	1235.7
7°	1188.0
8°	1132.8
9°	1076.2
10°	1012.0
11°	948.6
12°	879.0
13°	810.3
14°	739.8
15°	673.7
17.5°	522.4
20°	396.6
22.5°	297.8
25°	223.7
27.5°	165.7
30°	121.7
32.5°	88.0
35°	63.3
37.5°	44.9
40°	31.4
42.5°	21.6
45°	15.3
47.5°	10.8
50°	8.1
52.5°	6.3
55°	5.4
57.5°	4.9
60°	4.0
62.5°	3.6
65°	3.6
67.5°	3.1
70°	2.7
72.5°	2.2
75°	1.8
77.5°	1.3
80°	0.9
82.5°	0.9
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)