

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: P1251063

Luminaire Tested: P3AS05R129030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251063
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R129030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

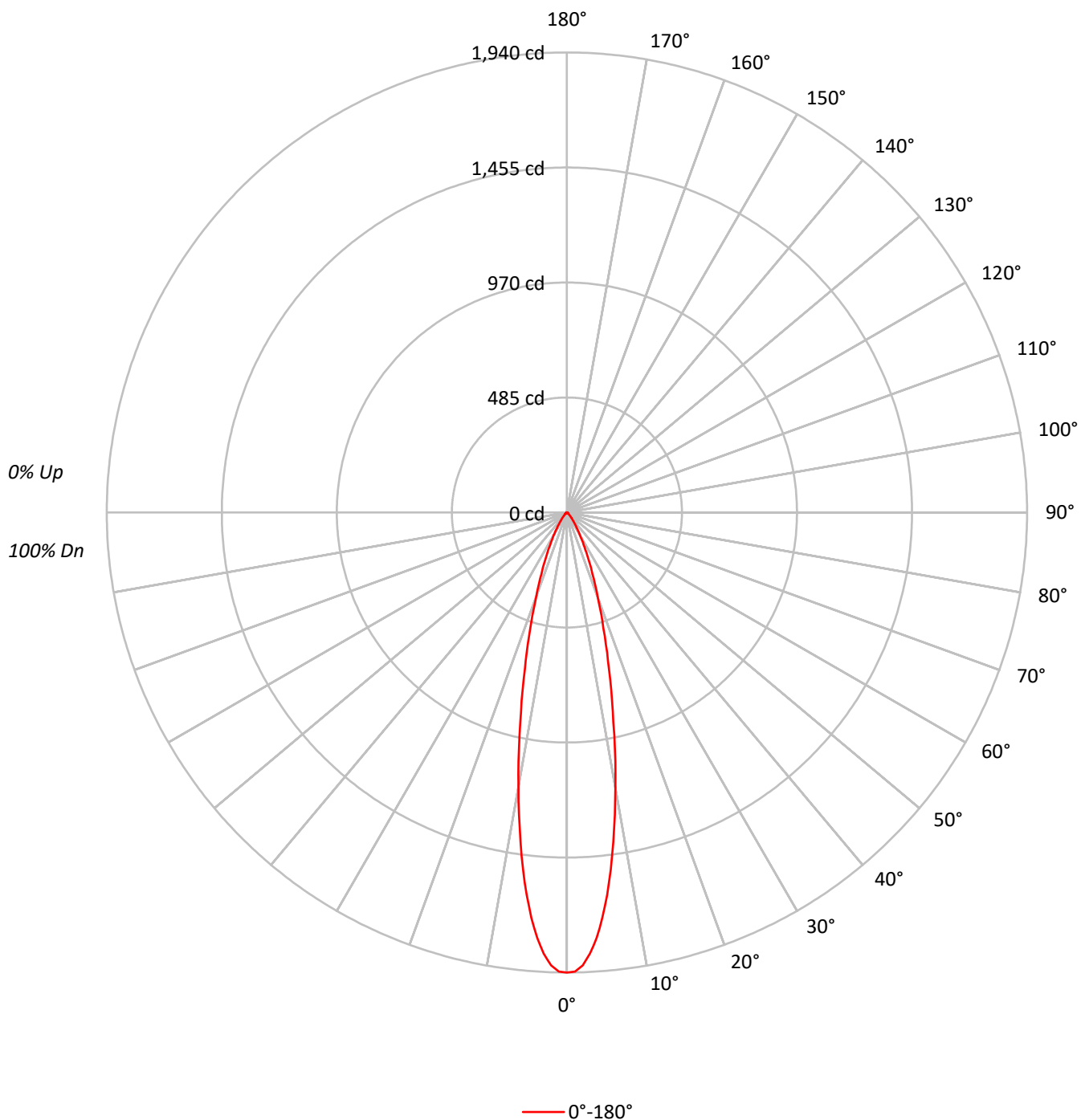
Lumens per Lamp: N/A
Luminaire Lumens: 498.0 lumens
Efficiency: N/A
Efficacy: 65.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	106	103	100		108	104	101	99		101	99	97		98	96	95		96	94	93
3	106	101	97	93		104	99	96	93		97	94	91		94	92	90		92	90	88
4	102	96	92	88		100	95	91	88		93	89	87		91	88	86		89	87	85
5	98	92	87	84		97	91	87	83		89	85	83		88	84	82		86	83	81
6	95	88	83	80		94	87	83	80		86	82	79		85	81	79		83	80	78
7	92	85	80	77		91	84	80	76		83	79	76		82	78	76		81	78	75
8	89	81	77	74		88	81	77	73		80	76	73		79	75	73		78	75	73
9	86	79	74	71		85	78	74	71		77	73	71		77	73	70		76	73	70
10	84	76	71	68		83	76	71	68		75	71	68		74	71	68		74	70	68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	425426
5°	377635
10°	262253
15°	155097
20°	88324
25°	50495
30°	27928
35°	14910
40°	8244
45°	4466
50°	2797
55°	2217
60°	1886
65°	1764
70°	1539
75°	1610
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4466 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.9	29.3
10°-20°	192.5	38.7
20°-30°	99.1	19.9
30°-40°	37.2	7.5
40°-50°	12.2	2.4
50°-60°	5.2	1.1
60°-70°	3.3	0.7
70°-80°	2.0	0.4
80°-90°	0.5	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°	437.6	87.9
0°-40°	474.8	95.3
0°-60°	492.2	98.8
0°-90°	498.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	498.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1940	
5°	1716	146
15°	683	193
25°	209	99
35°	56	37
45°	14	12
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1940.1
1°	1936.2
2°	1910.8
3°	1862.4
4°	1798.6
5°	1715.6
6°	1621.5
7°	1518.4
8°	1403.7
9°	1290.5
10°	1177.8
12.5°	906.2
15°	683.2
17.5°	511.4
20°	378.5
22.5°	282.6
25°	208.7
27.5°	152.1
30°	110.3
32.5°	78.2
35°	55.7
37.5°	39.8
40°	28.8
42.5°	20.6
45°	14.4
47.5°	10.6
50°	8.2
52.5°	6.7
55°	5.8
57.5°	4.8
60°	4.3
62.5°	3.8
65°	3.4
67.5°	2.9
70°	2.4
72.5°	2.4
75°	1.9
77.5°	1.4
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)