

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: P1273296

Luminaire Tested: P3AS05R259830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273296
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: P3AS05R259830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

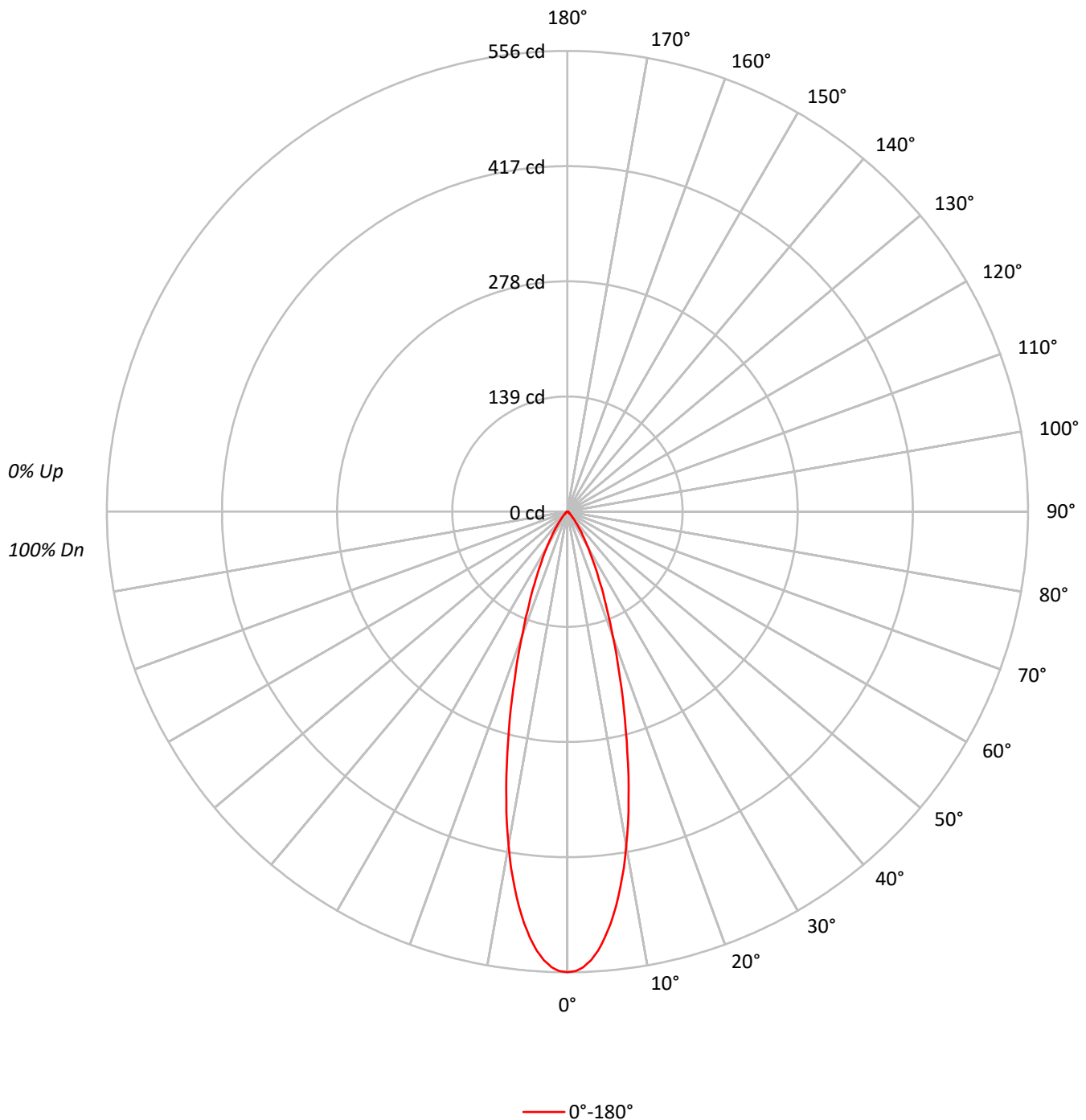
Lumens per Lamp: N/A
Luminaire Lumens: 190.1 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1273296

CATALOG NUMBER: P3AS05R259830DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1273296

CATALOG NUMBER: P3AS05R259830DE010 E3DL1GPH

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	77	84	80	77		83	79	76		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°	121876
5°	113713
10°	91092
15°	61839
20°	37407
25°	21872
30°	12458
35°	6853
40°	3635
45°	1923
50°	1126
55°	841
60°	702
65°	778
70°	705
75°	593
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1923 cd/sqm

TEST NUMBER: P1273296

CATALOG NUMBER: P3AS05R259830DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.8	24.1
10°-20°	74.9	39.4
20°-30°	42.8	22.5
30°-40°	16.9	8.9
40°-50°	5.2	2.7
50°-60°	2.0	1.1
60°-70°	1.4	0.7
70°-80°	0.8	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°	163.5	86.0
0°-40°	180.4	94.9
0°-60°	187.6	98.7
0°-90°	190.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	190.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	556	
5°	517	46
15°	272	75
25°	90	43
35°	26	17
45°	6	5
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1273296

CATALOG NUMBER: P3AS05R259830DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	555.8
1°	554.7
2°	550.2
3°	542.2
4°	531.1
5°	516.6
6°	499.5
7°	480.3
8°	457.9
9°	435.1
10°	409.1
11°	383.5
12°	355.3
13°	327.6
14°	299.1
15°	272.4
17.5°	211.2
20°	160.3
22.5°	120.4
25°	90.4
27.5°	67.0
30°	49.2
32.5°	35.6
35°	25.6
37.5°	18.2
40°	12.7
42.5°	8.7
45°	6.2
47.5°	4.4
50°	3.3
52.5°	2.5
55°	2.2
57.5°	2.0
60°	1.6
62.5°	1.5
65°	1.5
67.5°	1.3
70°	1.1
72.5°	0.9
75°	0.7
77.5°	0.5
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.2



TEST NUMBER: P1273296

CATALOG NUMBER: P3AS05R259830DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)