

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: P1248442

Luminaire Tested: P3AS05R259027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248442
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

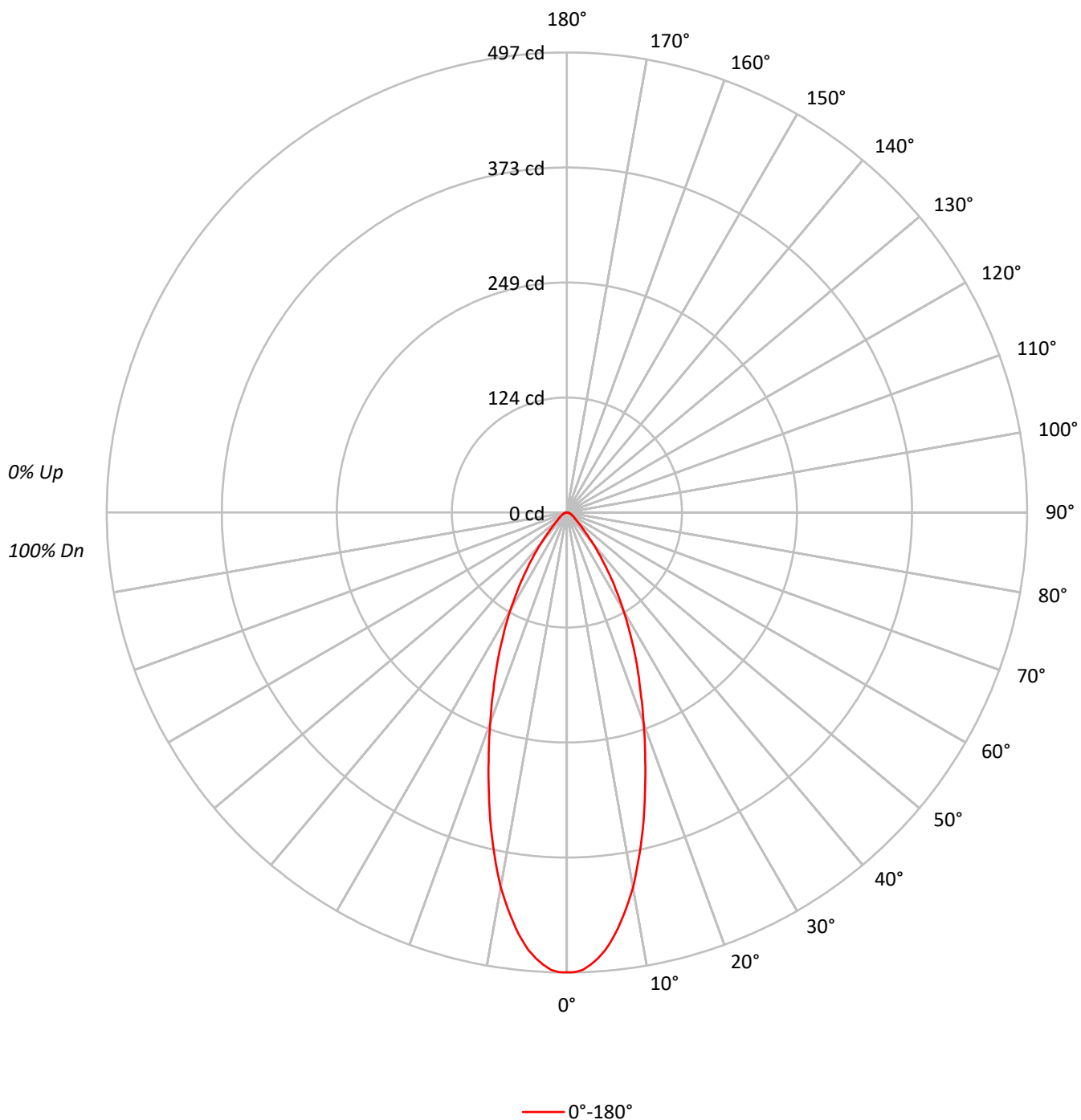
Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 41.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248442

CATALOG NUMBER: P3AS05R259027DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1248442

CATALOG NUMBER: P3AS05R259027DE010 E3DL1WH

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108917
5°	104490
10°	91537
15°	73576
20°	56542
25°	42777
30°	30916
35°	20532
40°	12452
45°	7257
50°	4640
55°	3747
60°	3289
65°	2906
70°	2372
75°	2372
80°	1768
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7257 cd/sqm

TEST NUMBER: P1248442

CATALOG NUMBER: P3AS05R259027DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.2	14.4
10°-20°	89.6	29.9
20°-30°	81.1	27.0
30°-40°	48.7	16.2
40°-50°	19.4	6.5
50°-60°	8.9	3.0
60°-70°	5.4	1.8
70°-80°	2.9	1.0
80°-90°	0.8	0.3
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°	213.9	71.3
0°-40°	262.6	87.5
0°-60°	290.9	97.0
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	497	
5°	475	43
15°	324	90
25°	177	81
35°	77	49
45°	23	19
55°	10	9
65°	6	5
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1248442

CATALOG NUMBER: P3AS05R259027DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	496.7
1°	496.7
2°	494.4
3°	489.2
4°	482.7
5°	474.7
6°	464.4
7°	452.7
8°	439.2
9°	425.6
10°	411.1
11°	394.3
12°	377.0
13°	359.7
14°	342.4
15°	324.1
17.5°	281.1
20°	242.3
22.5°	207.2
25°	176.8
27.5°	148.3
30°	122.1
32.5°	98.2
35°	76.7
37.5°	58.5
40°	43.5
42.5°	31.8
45°	23.4
47.5°	17.8
50°	13.6
52.5°	11.2
55°	9.8
57.5°	8.4
60°	7.5
62.5°	6.1
65°	5.6
67.5°	4.7
70°	3.7
72.5°	3.3
75°	2.8
77.5°	2.3
80°	1.4
82.5°	0.9
85°	0.9
87.5°	0.5



TEST NUMBER: P1248442

CATALOG NUMBER: P3AS05R259027DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)