

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: P1248395

Luminaire Tested: P3AS05R159027DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248395
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159027DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

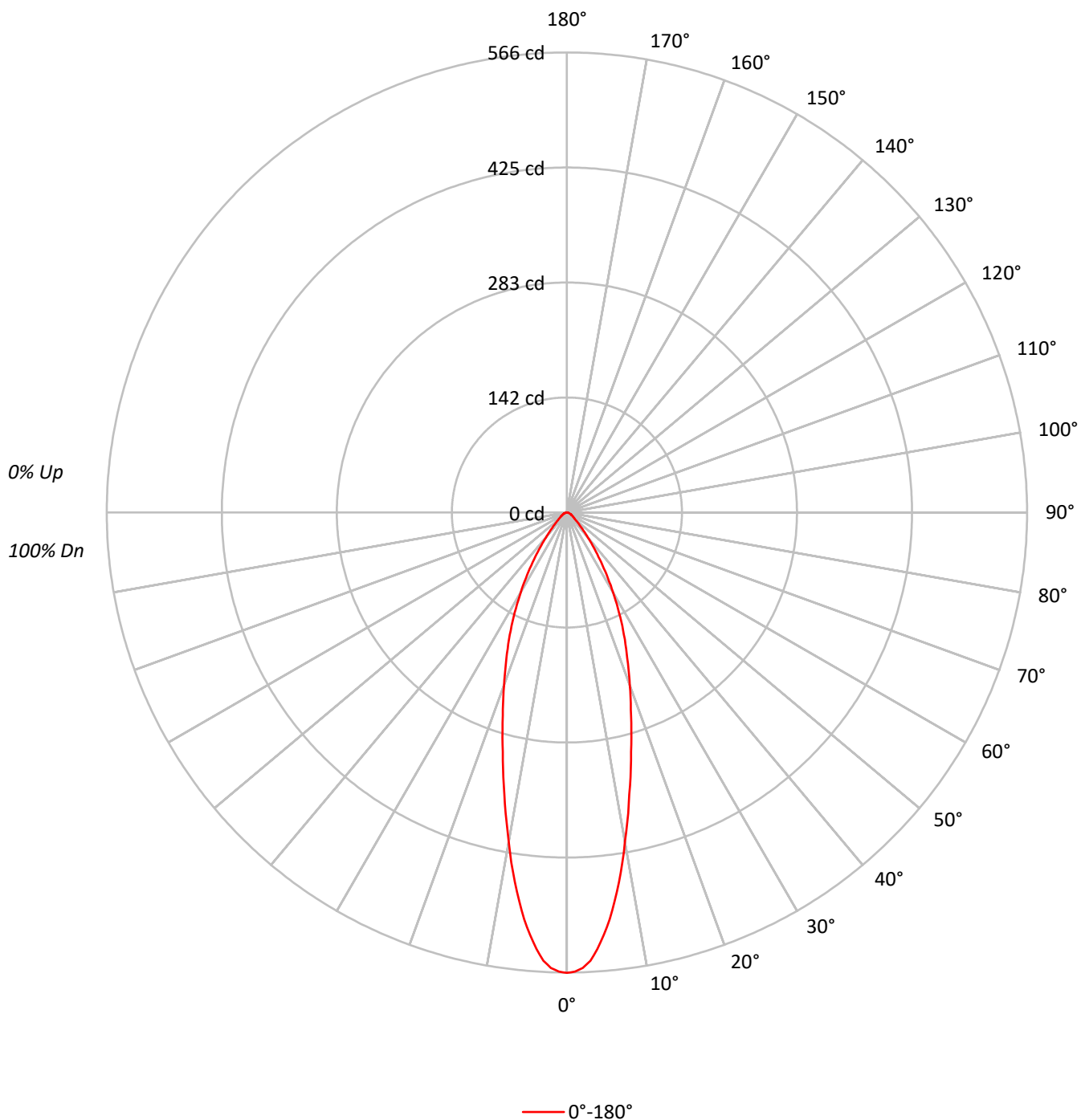
Lumens per Lamp: N/A
Luminaire Lumens: 288.0 lumens
Efficiency: N/A
Efficacy: 40.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248395

CATALOG NUMBER: P3AS05R159027DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1248395

CATALOG NUMBER: P3AS05R159027DE010 E3DLP1MW

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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	124201
5°	114792
10°	91648
15°	69217
20°	52715
25°	40164
30°	28764
35°	18792
40°	11507
45°	6946
50°	4640
55°	3594
60°	3070
65°	2646
70°	2372
75°	2372
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6946 cd/sqm

TEST NUMBER: P1248395

CATALOG NUMBER: P3AS05R159027DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	16.0
10°-20°	85.2	29.6
20°-30°	75.9	26.3
30°-40°	44.9	15.6
40°-50°	18.4	6.4
50°-60°	8.7	3.0
60°-70°	5.3	1.8
70°-80°	2.8	1.0
80°-90°	0.7	0.2
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°	207.3	72.0
0°-40°	252.2	87.6
0°-60°	279.3	97.0
0°-90°	288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	288.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	566	
5°	522	46
15°	305	85
25°	166	76
35°	70	45
45°	22	18
55°	9	9
65°	5	5
75°	3	3
85°	0	1
90°	0	

TEST NUMBER: P1248395

CATALOG NUMBER: P3AS05R159027DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	566.4
1°	565.0
2°	560.7
3°	552.3
4°	538.3
5°	521.5
6°	503.2
7°	481.7
8°	459.3
9°	436.3
10°	411.6
12.5°	355.0
15°	304.9
17.5°	261.9
20°	225.9
22.5°	194.1
25°	166.0
27.5°	138.9
30°	113.6
32.5°	90.7
35°	70.2
37.5°	53.8
40°	40.2
42.5°	29.9
45°	22.4
47.5°	17.3
50°	13.6
52.5°	11.2
55°	9.4
57.5°	8.0
60°	7.0
62.5°	6.1
65°	5.1
67.5°	4.7
70°	3.7
72.5°	3.3
75°	2.8
77.5°	1.9
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)