

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: P1254292

Luminaire Tested: P3AS09R359035DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254292
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359035DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

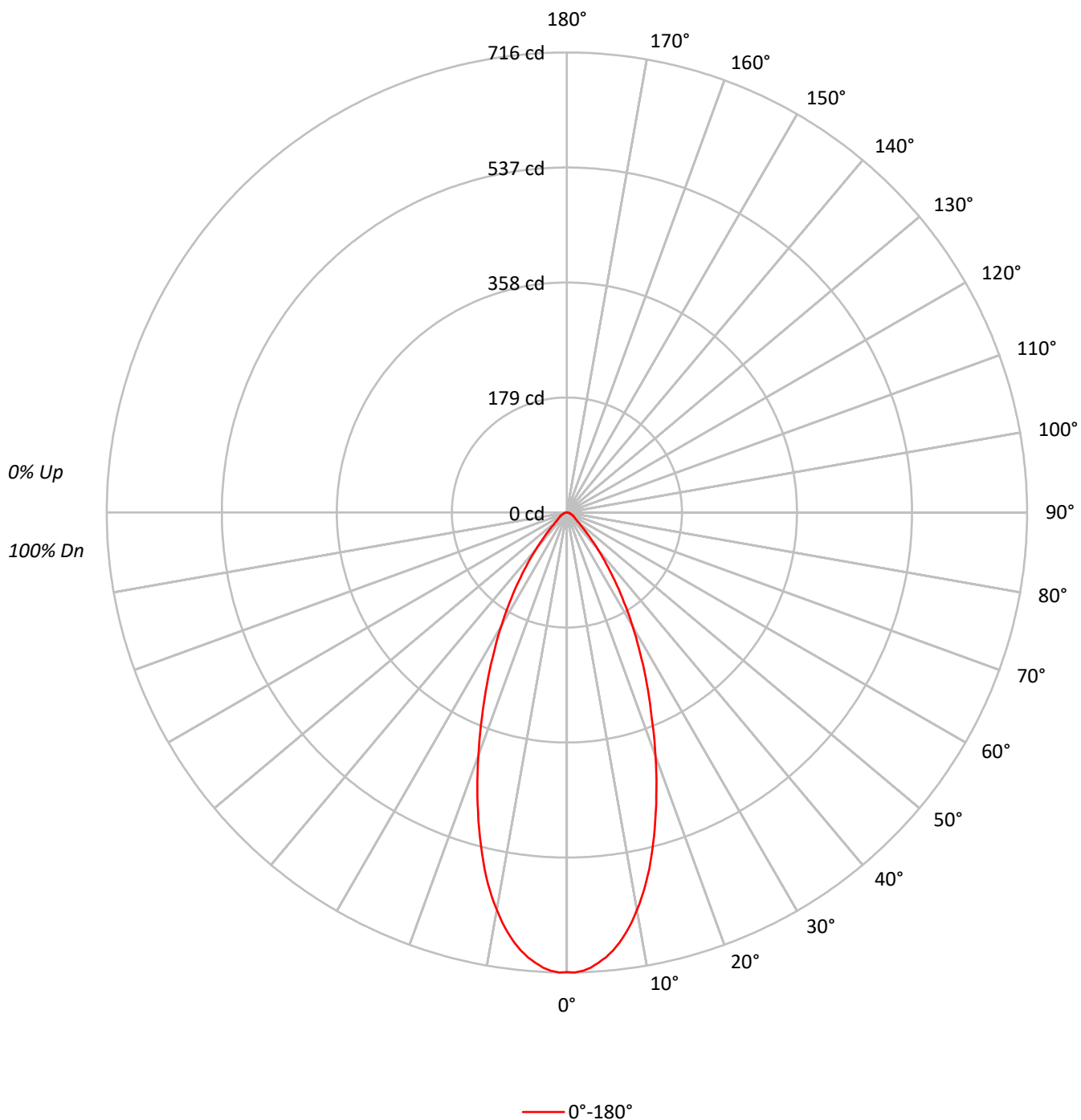
Lumens per Lamp: N/A
Luminaire Lumens: 488.0 lumens
Efficiency: N/A
Efficacy: 44.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	156851
5°	152982
10°	139877
15°	118729
20°	93972
25°	71085
30°	51755
35°	34987
40°	21497
45°	12342
50°	7437
55°	6040
60°	5263
65°	4670
70°	3847
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12342 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.2	13.2
10°-20°	144.2	29.5
20°-30°	134.9	27.6
30°-40°	82.5	16.9
40°-50°	32.5	6.7
50°-60°	14.3	2.9
60°-70°	8.9	1.8
70°-80°	4.8	1.0
80°-90°	1.7	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°	343.3	70.3
0°-40°	425.8	87.3
0°-60°	472.7	96.9
0°-90°	488.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	488.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	715	
5°	695	64
15°	523	144
25°	294	135
35°	131	83
45°	40	33
55°	16	14
65°	9	9
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	715.3
1°	716.1
2°	713.8
3°	709.3
4°	702.5
5°	695.0
6°	685.3
7°	674.0
8°	660.5
9°	645.4
10°	628.2
11°	610.1
12°	590.6
13°	569.6
14°	546.3
15°	523.0
17.5°	462.9
20°	402.7
22.5°	344.9
25°	293.8
27.5°	246.5
30°	204.4
32.5°	165.3
35°	130.7
37.5°	99.9
40°	75.1
42.5°	54.1
45°	39.8
47.5°	28.6
50°	21.8
52.5°	18.0
55°	15.8
57.5°	13.5
60°	12.0
62.5°	10.5
65°	9.0
67.5°	7.5
70°	6.0
72.5°	5.3
75°	4.5
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.5
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)