

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: P1263392

Luminaire Tested: P3A20R259727D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263392
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259727D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

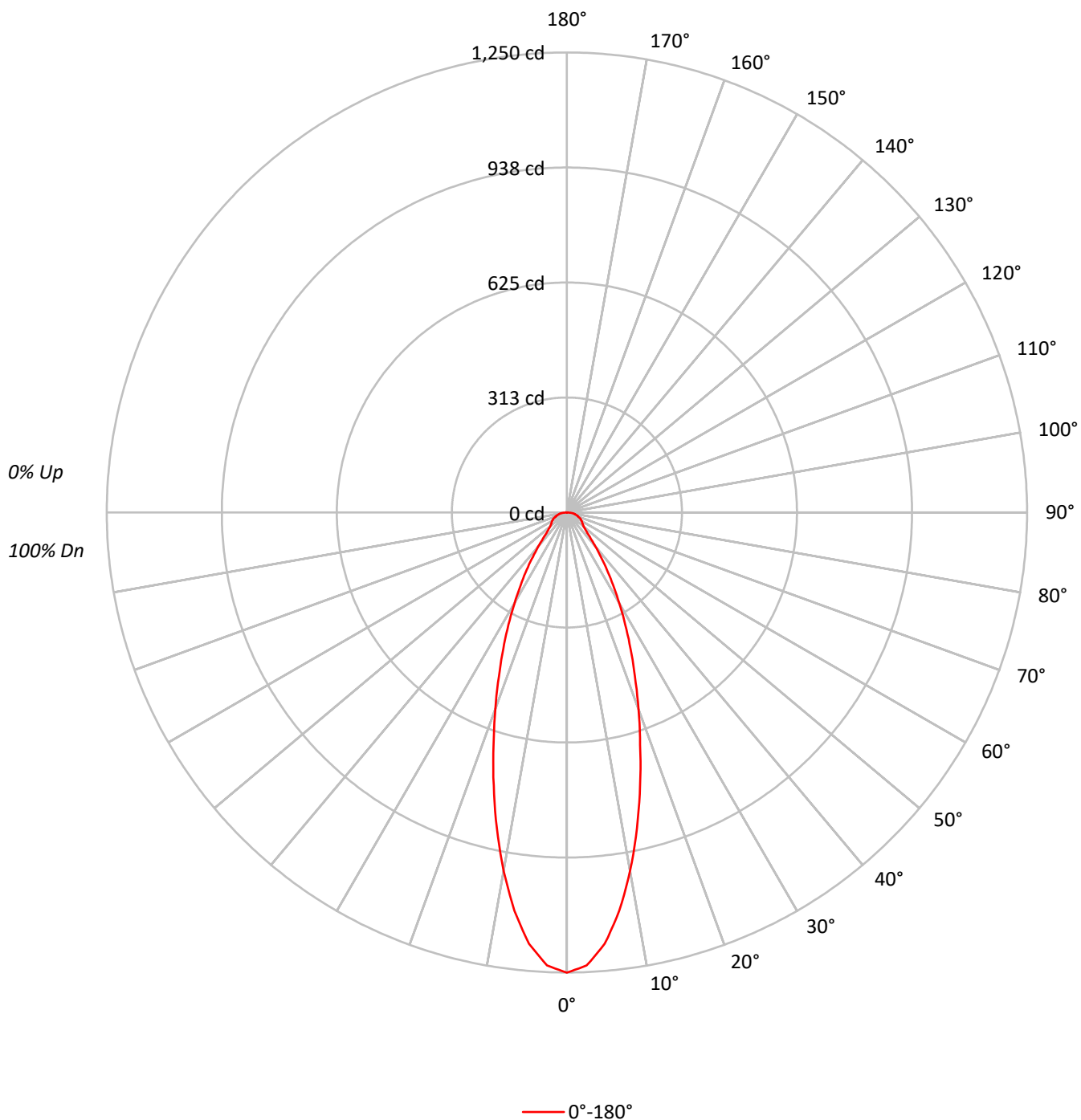
Lumens per Lamp: N/A
Luminaire Lumens: 816.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	274167
5°	259035
10°	220170
15°	174394
20°	132545
25°	98861
30°	71910
35°	50862
40°	34493
45°	24065
50°	20195
55°	19536
60°	20612
65°	21221
70°	20965
75°	22536
80°	25761
85°	25663

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 27384 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.2	13.0
10°-20°	212.6	26.1
20°-30°	188.3	23.1
30°-40°	119.9	14.7
40°-50°	63.4	7.8
50°-60°	46.6	5.7
60°-70°	39.7	4.9
70°-80°	28.0	3.4
80°-90°	11.1	1.4
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°	507.1	62.1
0°-40°	627.0	76.8
0°-60°	737.1	90.3
0°-90°	816.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	816.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1250	
5°	1177	106
15°	768	213
25°	409	188
35°	190	120
45°	78	63
55°	51	47
65°	41	40
75°	27	28
85°	10	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1250.3
2.5°	1232.0
5°	1176.8
7.5°	1091.0
10°	988.8
12.5°	878.5
15°	768.2
17.5°	661.9
20°	568.0
22.5°	482.2
25°	408.6
27.5°	343.2
30°	284.0
32.5°	232.9
35°	190.0
37.5°	151.2
40°	120.5
42.5°	96.0
45°	77.6
47.5°	67.4
50°	59.2
52.5°	55.2
55°	51.1
57.5°	49.0
60°	47.0
62.5°	42.9
65°	40.9
67.5°	36.8
70°	32.7
72.5°	30.6
75°	26.6
77.5°	22.5
80°	20.4
82.5°	16.3
85°	10.2
87.5°	4.1
90°	0.0

(END OF REPORT)