

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: P1248458

Luminaire Tested: P3AS05R259027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248458
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: P3AS05R259027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

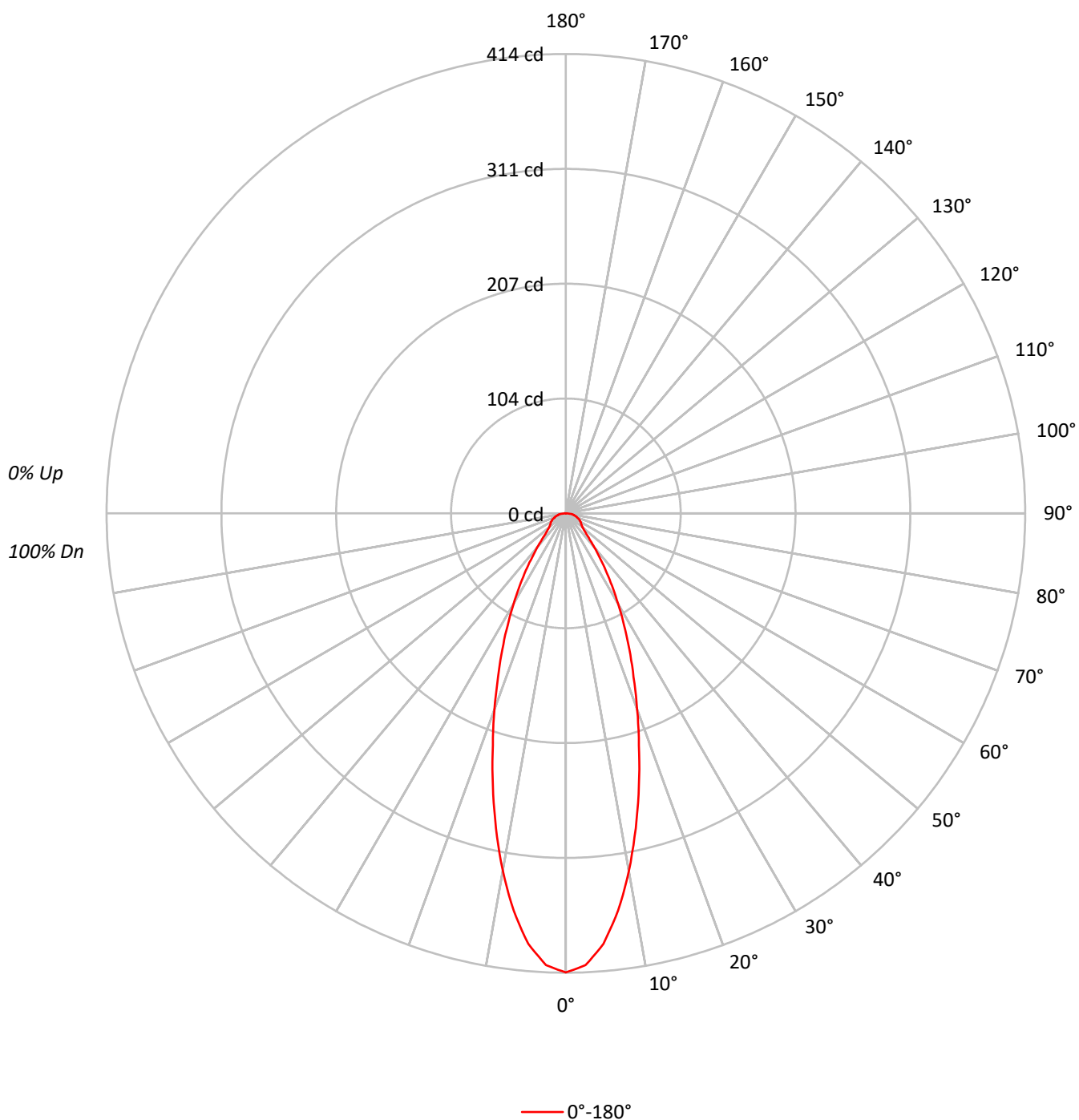
Lumens per Lamp: N/A
Luminaire Lumens: 270.0 lumens
Efficiency: N/A
Efficacy: 37.5 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1248458

CATALOG NUMBER: P3AS05R259027DE010 E3PHLP1MW

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°	90716
5°	85714
10°	72855
15°	57707
20°	43847
25°	32712
30°	23801
35°	16838
40°	11421
45°	7970
50°	6686
55°	6461
60°	6798
65°	7005
70°	6924
75°	7456
80°	8587
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 9072 cd/sqm

TEST NUMBER: P1248458

CATALOG NUMBER: P3AS05R259027DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.1	13.0
10°-20°	70.4	26.1
20°-30°	62.3	23.1
30°-40°	39.7	14.7
40°-50°	21.0	7.8
50°-60°	15.4	5.7
60°-70°	13.1	4.9
70°-80°	9.3	3.4
80°-90°	3.7	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°	167.8	62.1
0°-40°	207.5	76.8
0°-60°	243.9	90.3
0°-90°	270.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	270.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	414	
5°	389	35
15°	254	70
25°	135	62
35°	63	40
45°	26	21
55°	17	15
65°	14	13
75°	9	9
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	413.7
2.5°	407.6
5°	389.4
7.5°	361.0
10°	327.2
12.5°	290.7
15°	254.2
17.5°	219.0
20°	187.9
22.5°	159.5
25°	135.2
27.5°	113.6
30°	94.0
32.5°	77.1
35°	62.9
37.5°	50.0
40°	39.9
42.5°	31.8
45°	25.7
47.5°	22.3
50°	19.6
52.5°	18.3
55°	16.9
57.5°	16.2
60°	15.5
62.5°	14.2
65°	13.5
67.5°	12.2
70°	10.8
72.5°	10.1
75°	8.8
77.5°	7.4
80°	6.8
82.5°	5.4
85°	3.4
87.5°	1.4
90°	0.0

(END OF REPORT)