

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: P1265015

Luminaire Tested: P3A13R209730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265015
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R209730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

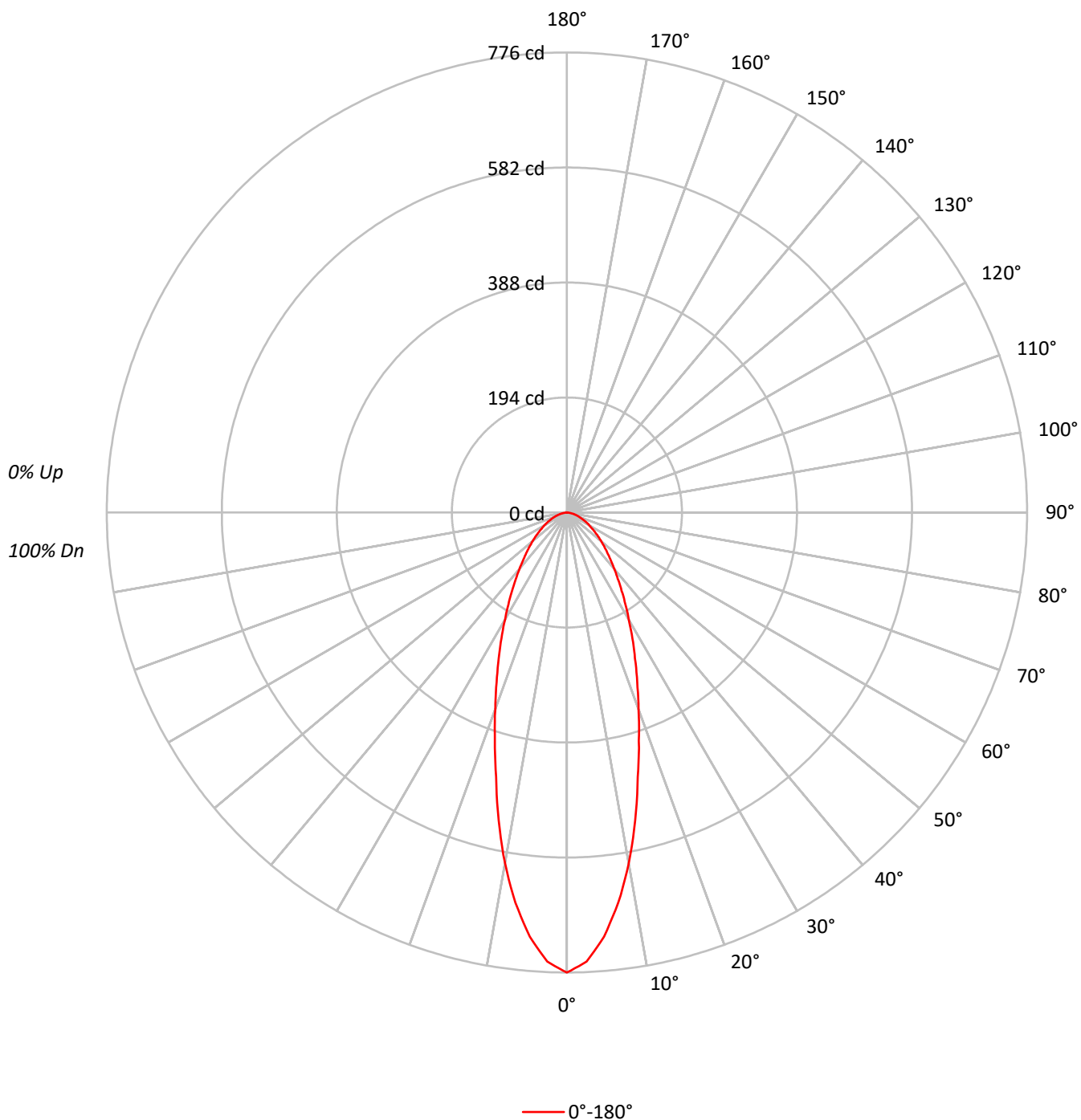
Lumens per Lamp: N/A
Luminaire Lumens: 600.0 lumens
Efficiency: N/A
Efficacy: 41.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1265015

CATALOG NUMBER: P3A13R209730DE010 E3PHLD1MW

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	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	170162
5°	158067
10°	133865
15°	104791
20°	82467
25°	65738
30°	52869
35°	43098
40°	35638
45°	30019
50°	25756
55°	22135
60°	19297
65°	16967
70°	14490
75°	12793
80°	9471
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30019 cd/sqm

TEST NUMBER: P1265015

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.8	10.8
10°-20°	129.2	21.5
20°-30°	125.5	20.9
30°-40°	101.4	16.9
40°-50°	75.3	12.6
50°-60°	52.4	8.7
60°-70°	32.8	5.5
70°-80°	15.9	2.7
80°-90°	2.7	0.5
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°	319.5	53.3
0°-40°	420.9	70.2
0°-60°	548.6	91.4
0°-90°	600.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	600.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	776	
5°	718	65
15°	462	129
25°	272	125
35°	161	101
45°	97	75
55°	58	52
65°	33	33
75°	15	16
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	776.0
2.5°	758.4
5°	718.1
7.5°	664.1
10°	601.2
12.5°	532.0
15°	461.6
17.5°	403.7
20°	353.4
22.5°	309.4
25°	271.7
27.5°	239.0
30°	208.8
32.5°	183.6
35°	161.0
37.5°	140.9
40°	124.5
42.5°	109.4
45°	96.8
47.5°	85.5
50°	75.5
52.5°	66.7
55°	57.9
57.5°	50.3
60°	44.0
62.5°	39.0
65°	32.7
67.5°	27.7
70°	22.6
72.5°	18.9
75°	15.1
77.5°	11.3
80°	7.5
82.5°	3.8
85°	2.5
87.5°	0.0
90°	0.0

(END OF REPORT)