

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: P1269715

Luminaire Tested: P3A13R129740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269715
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R129740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

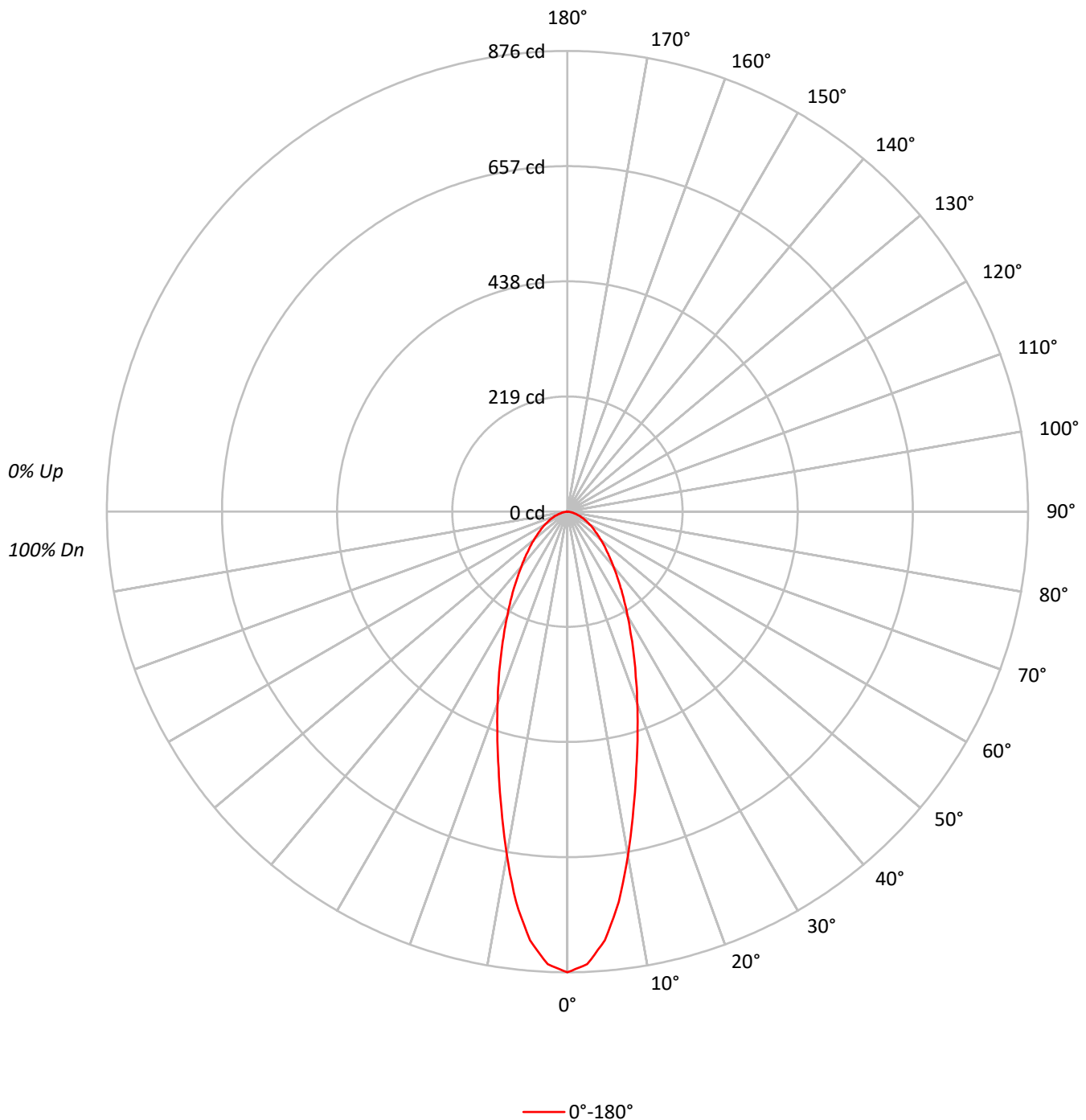
Lumens per Lamp: N/A
Luminaire Lumens: 660.0 lumens
Efficiency: N/A
Efficacy: 42.6 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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: P1269715

CATALOG NUMBER: P3A13R129740DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1269715

CATALOG NUMBER: P3A13R129740DE010 E3PHLD1MW

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	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	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	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192068
5°	180057
10°	147648
15°	114711
20°	90541
25°	72149
30°	57908
35°	47274
40°	38959
45°	32779
50°	28144
55°	24353
60°	21577
65°	18783
70°	16734
75°	13471
80°	10986
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32779 cd/sqm

TEST NUMBER: P1269715

CATALOG NUMBER: P3A13R129740DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.1	11.1
10°-20°	141.5	21.4
20°-30°	137.6	20.8
30°-40°	111.2	16.8
40°-50°	82.6	12.5
50°-60°	57.7	8.7
60°-70°	36.1	5.5
70°-80°	17.2	2.6
80°-90°	3.1	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°	352.1	53.4
0°-40°	463.3	70.2
0°-60°	603.6	91.4
0°-90°	660.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	660.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	876	
5°	818	73
15°	505	142
25°	298	138
35°	177	111
45°	106	83
55°	64	58
65°	36	36
75°	16	17
85°	3	3
90°	0	

TEST NUMBER: P1269715

CATALOG NUMBER: P3A13R129740DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	875.9
2.5°	861.4
5°	818.0
7.5°	748.5
10°	663.1
12.5°	579.1
15°	505.3
17.5°	443.0
20°	388.0
22.5°	340.2
25°	298.2
27.5°	260.6
30°	228.7
32.5°	201.2
35°	176.6
37.5°	154.9
40°	136.1
42.5°	120.2
45°	105.7
47.5°	94.1
50°	82.5
52.5°	72.4
55°	63.7
57.5°	56.5
60°	49.2
62.5°	42.0
65°	36.2
67.5°	30.4
70°	26.1
72.5°	20.3
75°	15.9
77.5°	11.6
80°	8.7
82.5°	4.3
85°	2.9
87.5°	0.0
90°	0.0

(END OF REPORT)