

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: P1269743

Luminaire Tested: P3A13R159740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269743
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

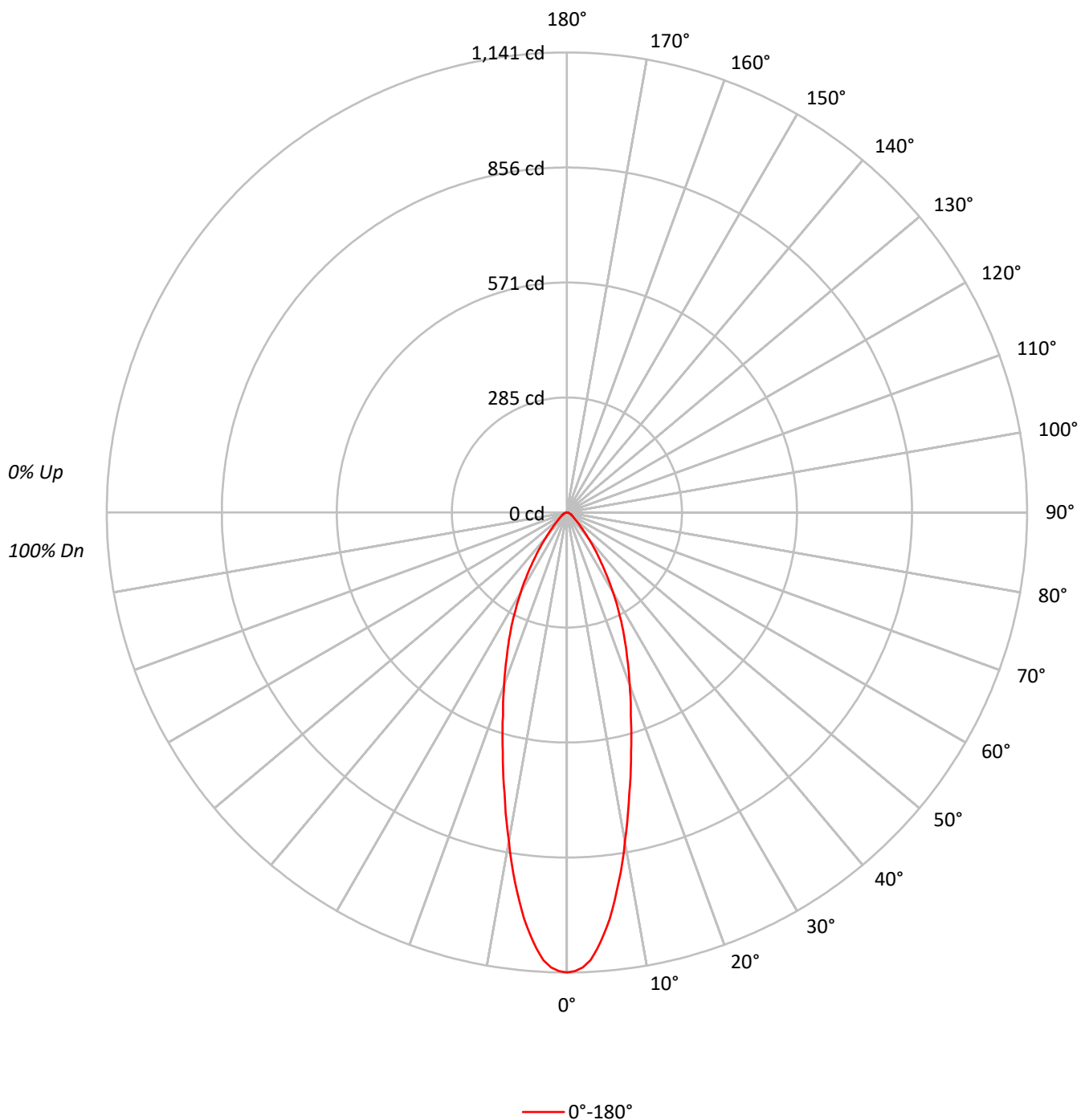
Lumens per Lamp: N/A
Luminaire Lumens: 580.0 lumens
Efficiency: N/A
Efficacy: 39.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269743

CATALOG NUMBER: P3A13R159740DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1269743

CATALOG NUMBER: P3A13R159740DE010 E3DLP1MW

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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	250112
5°	231168
10°	184543
15°	139411
20°	106153
25°	80908
30°	57958
35°	37825
40°	23186
45°	14017
50°	9313
55°	7187
60°	6184
65°	5396
70°	4809
75°	4829
80°	3536
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14017 cd/sqm

TEST NUMBER: P1269743

CATALOG NUMBER: P3A13R159740DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.0	16.0
10°-20°	171.6	29.6
20°-30°	152.8	26.3
30°-40°	90.4	15.6
40°-50°	37.1	6.4
50°-60°	17.4	3.0
60°-70°	10.6	1.8
70°-80°	5.6	1.0
80°-90°	1.4	0.2
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°	417.5	72.0
0°-40°	507.9	87.6
0°-60°	562.4	97.0
0°-90°	580.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	580.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1141	
5°	1050	93
15°	614	172
25°	334	153
35°	141	90
45°	45	37
55°	19	17
65°	10	11
75°	6	6
85°	1	1
90°	0	

TEST NUMBER: P1269743

CATALOG NUMBER: P3A13R159740DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1140.6
1°	1137.8
2°	1129.3
3°	1112.3
4°	1084.1
5°	1050.2
6°	1013.4
7°	970.1
8°	924.9
9°	878.8
10°	828.8
12.5°	714.9
15°	614.1
17.5°	527.4
20°	454.9
22.5°	390.9
25°	334.4
27.5°	279.7
30°	228.9
32.5°	182.7
35°	141.3
37.5°	108.3
40°	81.0
42.5°	60.3
45°	45.2
47.5°	34.8
50°	27.3
52.5°	22.6
55°	18.8
57.5°	16.0
60°	14.1
62.5°	12.2
65°	10.4
67.5°	9.4
70°	7.5
72.5°	6.6
75°	5.7
77.5°	3.8
80°	2.8
82.5°	1.9
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)