

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: P1285157

Luminaire Tested: P3AS13R40B2750DE010 E3DLP1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285157
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R40B2750DE010 E3DLP1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

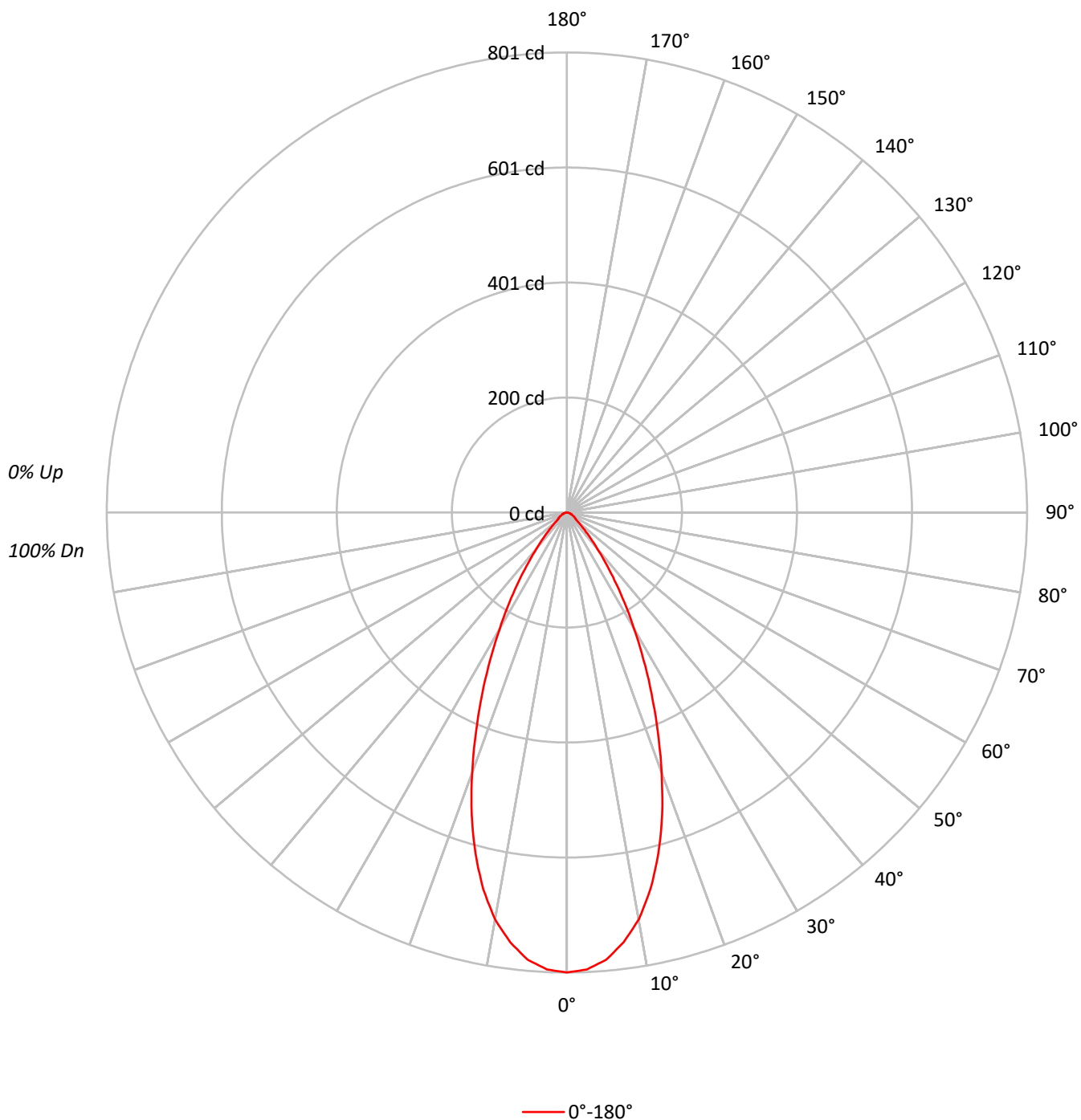
Lumens per Lamp: N/A
Luminaire Lumens: 564.0 lumens
Efficiency: N/A
Efficacy: 29.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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: P1285157

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLP1WMH_2700K

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	175622
5°	172066
10°	160206
15°	139638
20°	112523
25°	84344
30°	59300
35°	38842
40°	23530
45°	14048
50°	8392
55°	6767
60°	6052
65°	5189
70°	4937
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14048 cd/sqm

TEST NUMBER: P1285157

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLP1WMH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.6	12.9
10°-20°	169.4	30.0
20°-30°	159.6	28.3
30°-40°	92.3	16.4
40°-50°	36.8	6.5
50°-60°	16.3	2.9
60°-70°	10.0	1.8
70°-80°	5.2	0.9
80°-90°	1.7	0.3
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°	401.6	71.2
0°-40°	493.9	87.6
0°-60°	547.0	97.0
0°-90°	564.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	564.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	801	
5°	782	73
15°	615	169
25°	349	160
35°	145	92
45°	45	37
55°	18	16
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	800.9
2.5°	796.3
5°	781.7
7.5°	754.8
10°	719.5
12.5°	671.9
15°	615.1
17.5°	551.3
20°	482.2
22.5°	413.1
25°	348.6
27.5°	288.7
30°	234.2
32.5°	186.6
35°	145.1
37.5°	109.8
40°	82.2
42.5°	61.4
45°	45.3
47.5°	33.0
50°	24.6
52.5°	20.0
55°	17.7
57.5°	16.1
60°	13.8
62.5°	11.5
65°	10.0
67.5°	8.4
70°	7.7
72.5°	6.1
75°	4.6
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)