

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: P1285098

Luminaire Tested: P3AS13R40B2750DE010 E3DL1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285098
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R40B2750DE010 E3DL1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

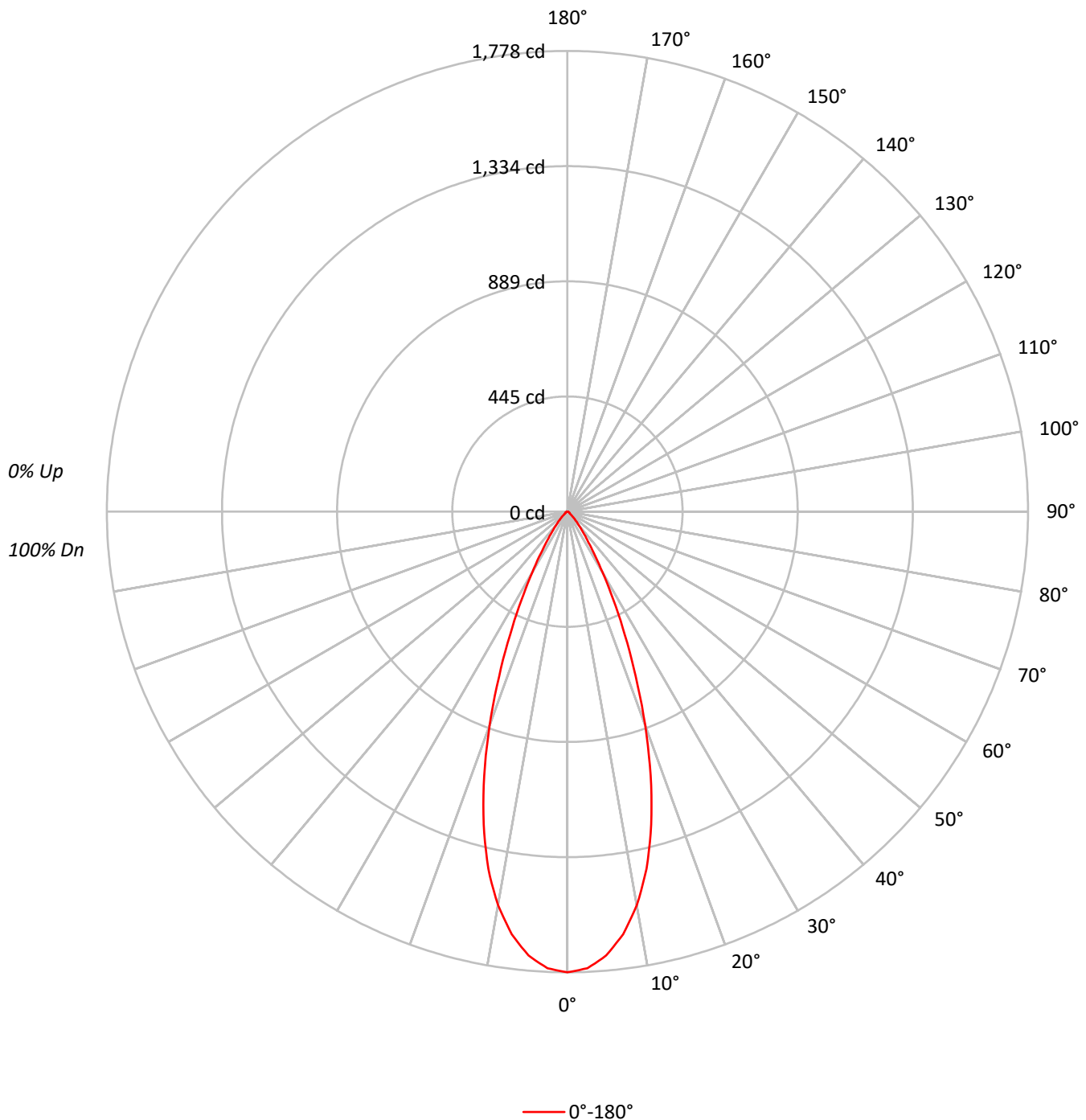
Lumens per Lamp: N/A
Luminaire Lumens: 881.0 lumens
Efficiency: N/A
Efficacy: 46.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285098

CATALOG NUMBER: P3AS13R40B2750DE010 E3DL1WMH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285098

CATALOG NUMBER: P3AS13R40B2750DE010 E3DL1WMH_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	92	91	89
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90	88	86	84
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86	84	81	80
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83	80	77	76
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79	76	73	72
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76	73	70	69
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73	69	67	65
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70	66	64	63
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67	64	61	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	389837
5°	378515
10°	343481
15°	283770
20°	204698
25°	126612
30°	68542
35°	35416
40°	19265
45°	10792
50°	5424
55°	4052
60°	3640
65°	3528
70°	3398
75°	3219
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10792 cd/sqm

TEST NUMBER: P1285098

CATALOG NUMBER: P3AS13R40B2750DE010 E3DL1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.5	18.0
10°-20°	340.4	38.6
20°-30°	242.9	27.6
30°-40°	89.4	10.1
40°-50°	28.2	3.2
50°-60°	9.8	1.1
60°-70°	6.7	0.8
70°-80°	4.0	0.5
80°-90°	1.2	0.1
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°	741.8	84.2
0°-40°	831.2	94.3
0°-60°	869.1	98.7
0°-90°	881.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	881.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1778	
5°	1720	159
15°	1250	340
25°	523	243
35°	132	89
45°	35	28
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1285098

CATALOG NUMBER: P3AS13R40B2750DE010 E3DL1WMH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1777.8
2.5°	1764.2
5°	1719.6
7.5°	1645.5
10°	1542.6
12.5°	1411.8
15°	1250.0
17.5°	1068.5
20°	877.2
22.5°	688.9
25°	523.3
27.5°	384.1
30°	270.7
32.5°	189.8
35°	132.3
37.5°	93.8
40°	67.3
42.5°	48.4
45°	34.8
47.5°	23.4
50°	15.9
52.5°	11.3
55°	10.6
57.5°	9.8
60°	8.3
62.5°	7.6
65°	6.8
67.5°	6.0
70°	5.3
72.5°	4.5
75°	3.8
77.5°	3.0
80°	2.3
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)