

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: P1303356

Luminaire Tested: P3RT10R129030DE010 E3PHUS1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1303356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT10R129030DE010 E3PHUS1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3PHUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 888.0 lumens
Efficiency: N/A
Efficacy: 75.9 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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

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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	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90
9	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	88
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2868696
5°	1853550
10°	522992
15°	147878
20°	61839
25°	27389
30°	13977
35°	7388
40°	3149
45°	868
50°	955
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 955 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	593.3	66.8
10°-20°	215.3	24.2
20°-30°	57.6	6.5
30°-40°	18.1	2.0
40°-50°	3.4	0.4
50°-60°	0.3	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	866.2	97.5
0°-40°	884.3	99.6
0°-60°	888.0	100.0
0°-90°	888.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	888.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	13082	
5°	8421	593
15°	651	215
25°	113	58
35°	28	18
45°	3	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	13082.3
1°	12861.5
2°	12240.6
3°	11178.0
4°	9858.7
5°	8420.7
6°	6922.1
7°	5580.7
8°	4294.5
9°	3196.1
10°	2348.8
11°	1730.5
12°	1302.7
13°	1010.2
14°	800.4
15°	651.4
17.5°	414.0
20°	265.0
22.5°	171.1
25°	113.2
27.5°	77.3
30°	55.2
32.5°	38.6
35°	27.6
37.5°	19.3
40°	11.0
42.5°	5.5
45°	2.8
47.5°	2.8
50°	2.8
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)