

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P844065

Luminaire Tested: **LD6C15DE010B40 EU6C15B40 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844065
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B40 EU6C15B40 6LBCSMW
Description:
Light Source: -
Ballast/Driver:

Summary

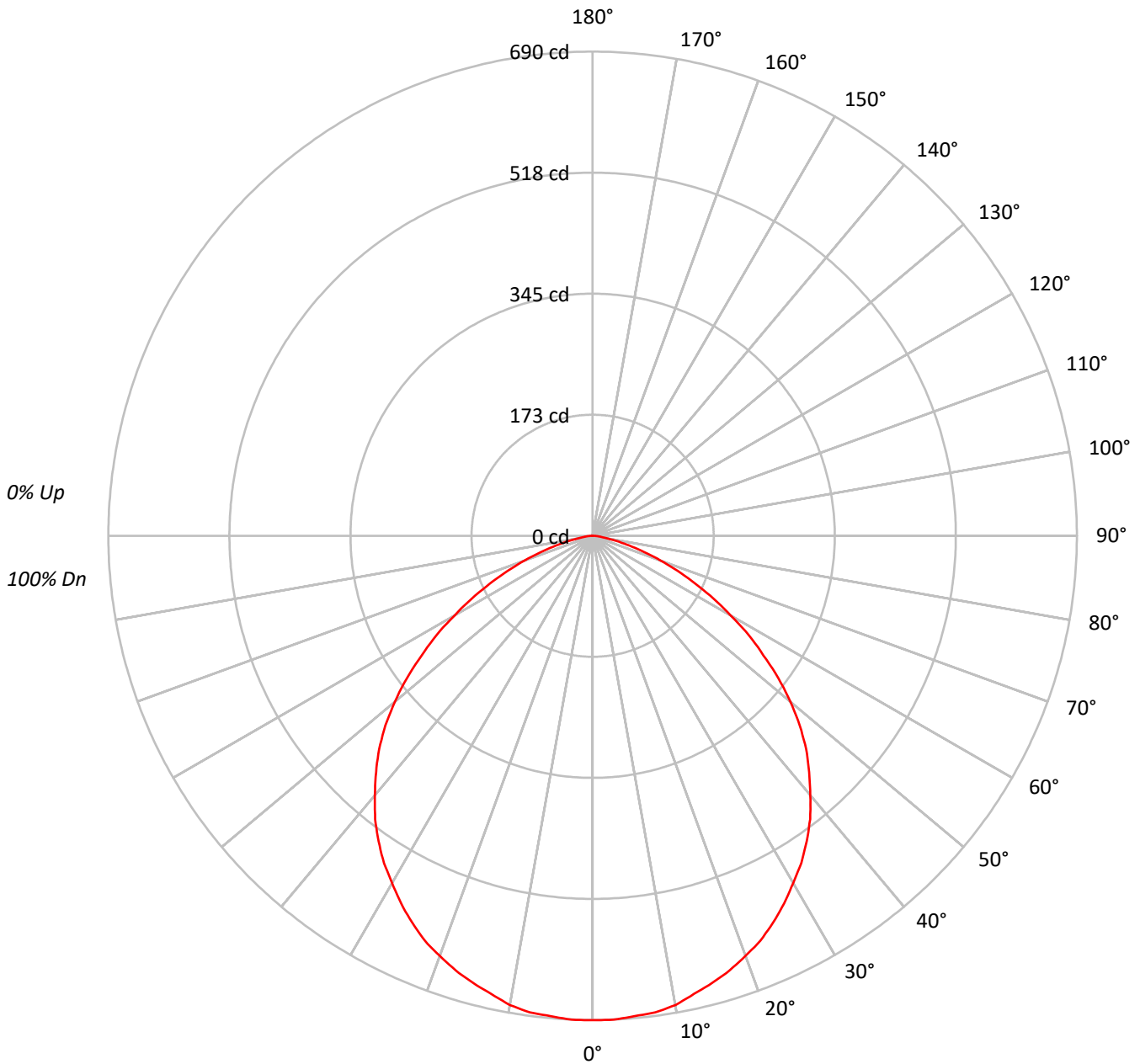
Lumens per Lamp: N/A
Luminaire Lumens: 1690.1 lumens
Efficiency: N/A
Efficacy: 99.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 17
Input Voltage (V):
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: 25 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			0	
RW	70	50	30	10	70	50	30	10	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			100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87			87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74			74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63			63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55			55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48			48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42			42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37			37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33			33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30			30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27			27

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37842
5°	37811
10°	37797
15°	37435
20°	37167
25°	36801
30°	36170
35°	35583
40°	34529
45°	33352
50°	31359
55°	28396
60°	24921
65°	20988
70°	16429
75°	11522
80°	6440
85°	4466



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.4	3.9
10°-20°	186.2	11.0
20°-30°	280.1	16.6
30°-40°	332.0	19.6
40°-50°	330.3	19.5
50°-60°	266.3	15.8
60°-70°	161.1	9.5
70°-80°	59.9	3.5
80°-90°	8.9	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°	531.7	31.5
0°-40°	863.7	51.1
0°-60°	1460.3	86.4
0°-90°	1690.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1690.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	690	
5°	687	65
15°	660	186
25°	608	280
35°	532	332
45°	430	330
55°	297	266
65°	162	161
75°	54	60
85°	7	9
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	690.3
2.5°	690.3
5°	687.1
7.5°	685.2
10°	679.0
12.5°	668.7
15°	659.6
17.5°	649.4
20°	637.1
22.5°	624.7
25°	608.4
27.5°	590.9
30°	571.4
32.5°	553.1
35°	531.7
37.5°	509.0
40°	482.5
42.5°	456.7
45°	430.2
47.5°	400.4
50°	367.7
52.5°	333.8
55°	297.1
57.5°	264.2
60°	227.3
62.5°	194.6
65°	161.8
67.5°	131.0
70°	102.5
72.5°	76.9
75°	54.4
77.5°	34.8
80°	20.4
82.5°	12.3
85°	7.1
87.5°	3.1
90°	0.0



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— 0°-180°







(END OF REPORT)