

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: P844079

Luminaire Tested: **LD6C15DE010B40 EU6C15B40 6LBWLI**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844079
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B40 EU6C15B40 6LBWLI
Description:
Light Source: -
Ballast/Driver:

Summary

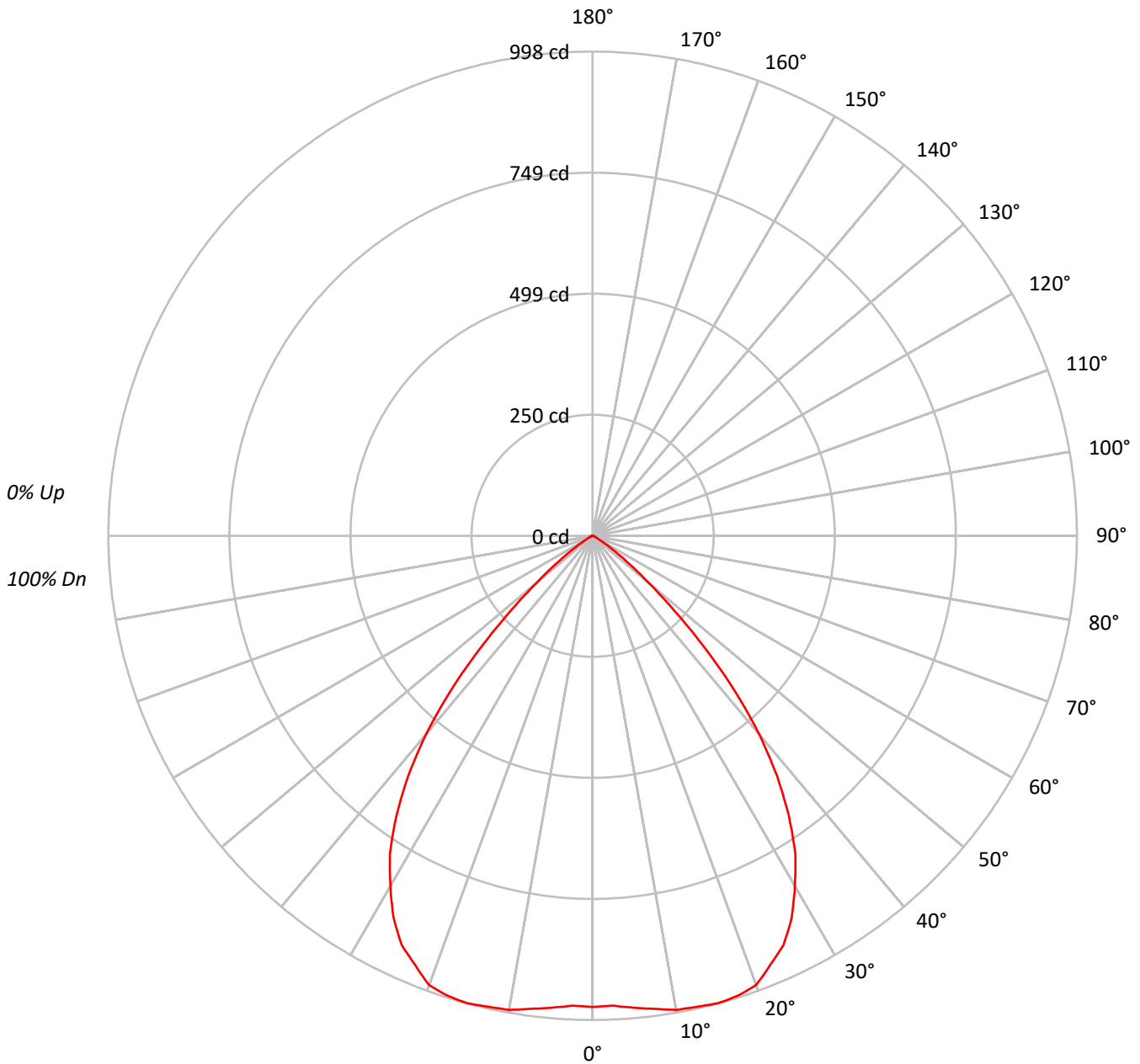
Lumens per Lamp: N/A
Luminaire Lumens: 1554.8 lumens
Efficiency: N/A
Efficacy: 91.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	113	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92			92
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76			76
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69			69
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63			63
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57			57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			52
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48			48
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44			44
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41			41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	53241
5°	53736
10°	55243
15°	56623
20°	57487
25°	56296
30°	52780
35°	47187
40°	38222
45°	25289
50°	12784
55°	5390
60°	1743
65°	687
70°	577
75°	381
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.7	6.0
10°-20°	281.6	18.1
20°-30°	424.5	27.3
30°-40°	434.5	27.9
40°-50°	253.2	16.3
50°-60°	58.2	3.7
60°-70°	7.2	0.5
70°-80°	1.9	0.1
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°	799.9	51.4
0°-40°	1234.4	79.4
0°-60°	1545.7	99.4
0°-90°	1554.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1554.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	971	
5°	976	94
15°	998	282
25°	931	425
35°	705	435
45°	326	253
55°	56	58
65°	5	7
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	971.2
2.5°	969.5
5°	976.5
7.5°	983.6
10°	992.4
12.5°	994.2
15°	997.7
17.5°	994.2
20°	985.4
22.5°	957.2
25°	930.7
27.5°	888.4
30°	833.8
32.5°	777.4
35°	705.1
37.5°	624.0
40°	534.1
42.5°	433.6
45°	326.2
47.5°	227.4
50°	149.9
52.5°	95.2
55°	56.4
57.5°	29.9
60°	15.9
62.5°	8.8
65°	5.3
67.5°	5.3
70°	3.6
72.5°	1.8
75°	1.8
77.5°	1.8
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)