

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: P844064

Luminaire Tested: **LD6C15DE010B40 EU6C15B40 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844064
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 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

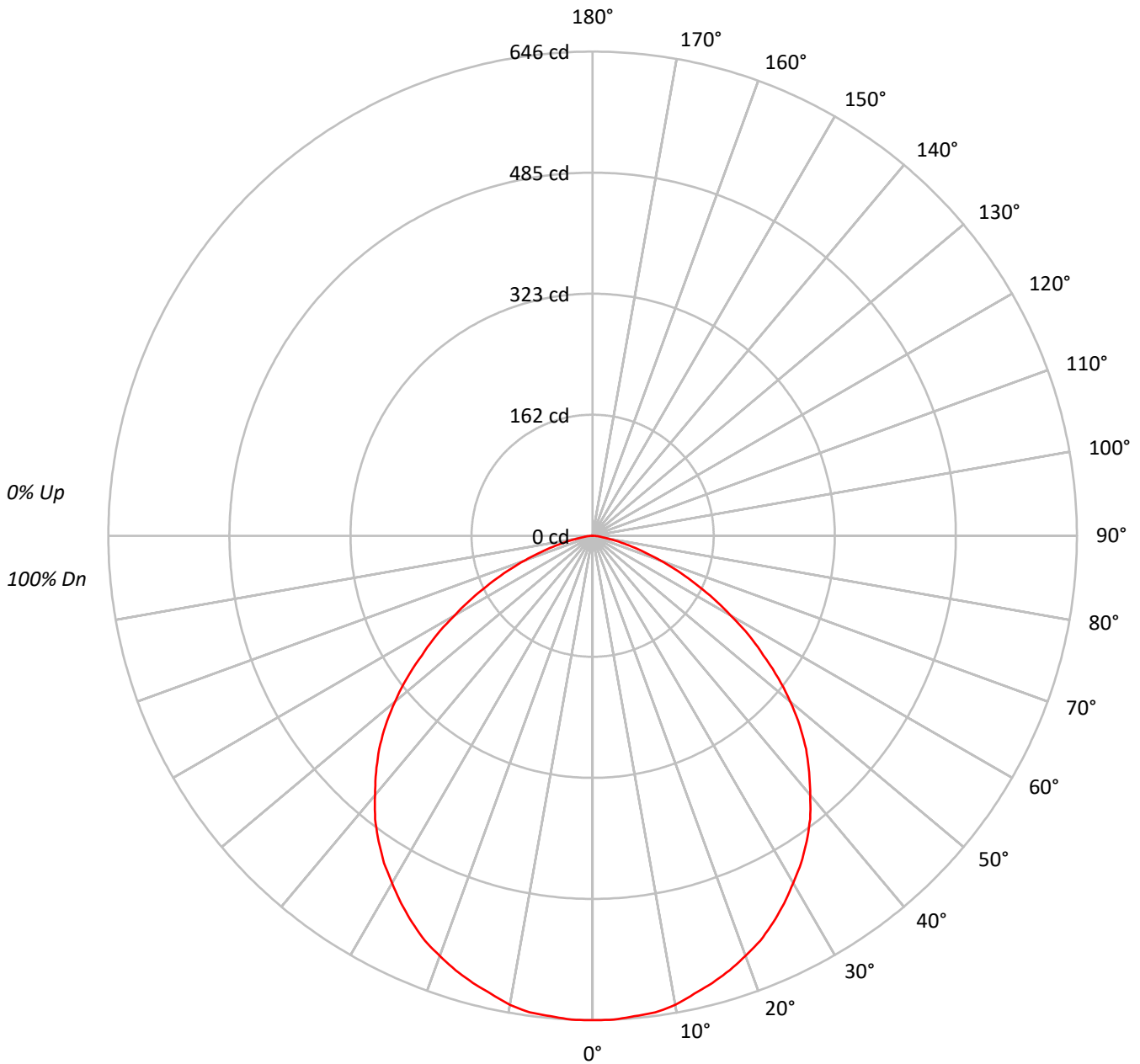
Lumens per Lamp: N/A
Luminaire Lumens: 1582.2 lumens
Efficiency: N/A
Efficacy: 93.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				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°	35430
5°	35406
10°	35381
15°	35051
20°	34793
25°	34448
30°	33866
35°	33308
40°	32318
45°	31220
50°	29364
55°	26580
60°	23331
65°	19652
70°	15371
75°	10781
80°	6030
85°	4214



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.2	3.9
10°-20°	174.3	11.0
20°-30°	262.2	16.6
30°-40°	310.8	19.6
40°-50°	309.2	19.5
50°-60°	249.3	15.8
60°-70°	150.8	9.5
70°-80°	56.0	3.5
80°-90°	8.3	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°	497.7	31.5
0°-40°	808.5	51.1
0°-60°	1367.1	86.4
0°-90°	1582.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1582.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	646	
5°	643	61
15°	618	174
25°	570	262
35°	498	311
45°	403	309
55°	278	249
65°	152	151
75°	51	56
85°	7	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	646.3
2.5°	646.3
5°	643.4
7.5°	641.5
10°	635.6
12.5°	626.0
15°	617.6
17.5°	607.9
20°	596.4
22.5°	584.8
25°	569.5
27.5°	553.2
30°	535.0
32.5°	517.8
35°	497.7
37.5°	476.6
40°	451.6
42.5°	427.6
45°	402.7
47.5°	374.8
50°	344.3
52.5°	312.5
55°	278.1
57.5°	247.4
60°	212.8
62.5°	182.2
65°	151.5
67.5°	122.7
70°	95.9
72.5°	71.9
75°	50.9
77.5°	32.6
80°	19.1
82.5°	11.5
85°	6.7
87.5°	2.9
90°	0.0



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— 0°-180°







(END OF REPORT)