

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: P843994

Luminaire Tested: **LD6C10DE010B40 EU6C10B40 6LBWLI**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P843994
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: LD6C10DE010B40 EU6C10B40 6LBWLI
Description:
Light Source: -
Ballast/Driver:

Summary

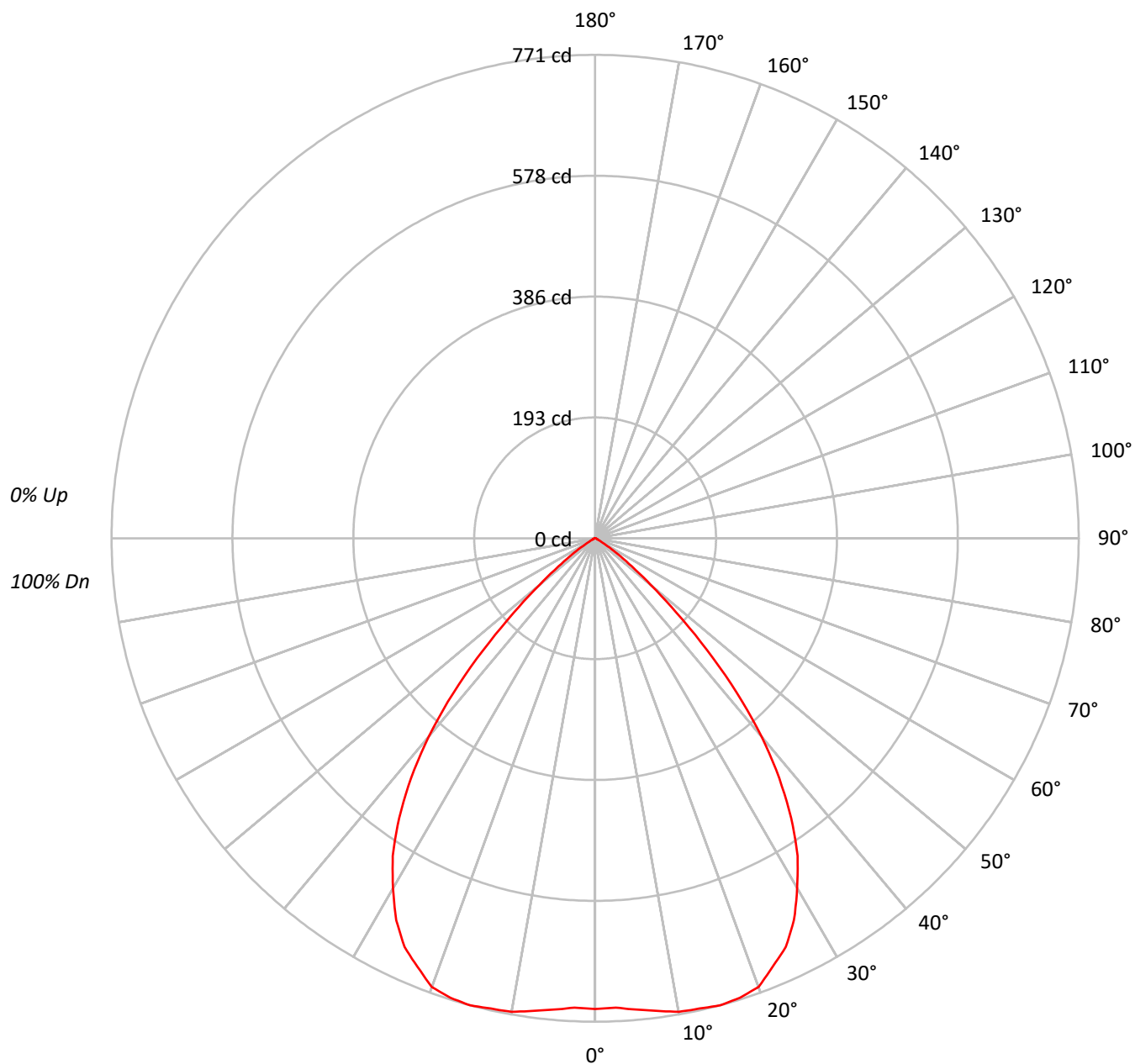
Lumens per Lamp: N/A
Luminaire Lumens: 1201.5 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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
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	113	110	107	104		110	107	105	103		103	101	99		100	98	97		96	95	94
2	106	101	96	92		104	99	95	91		95	92	89		92	90	87		90	87	85
3	100	92	87	82		97	91	86	81		88	84	80		86	82	79		83	80	77
4	93	85	78	73		92	84	78	73		81	76	72		79	75	71		77	74	70
5	88	78	71	66		86	77	71	66		75	70	65		73	69	65		72	68	64
6	82	72	65	60		81	71	65	60		70	64	59		68	63	59		67	62	59
7	77	67	60	55		76	66	59	55		65	59	54		63	58	54		62	57	54
8	73	62	55	50		71	61	55	50		60	54	50		59	54	50		58	53	49
9	69	57	51	46		67	57	50	46		56	50	46		55	50	46		54	49	46
10	65	54	47	43		64	53	47	42		52	46	42		51	46	42		51	46	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41148
5°	41525
10°	42690
15°	43757
20°	44425
25°	43503
30°	40785
35°	36466
40°	29541
45°	19537
50°	9876
55°	4167
60°	1349
65°	519
70°	433
75°	297
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.4	6.0
10°-20°	217.6	18.1
20°-30°	328.1	27.3
30°-40°	335.8	27.9
40°-50°	195.6	16.3
50°-60°	45.0	3.7
60°-70°	5.5	0.5
70°-80°	1.5	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°	618.1	51.4
0°-40°	953.9	79.4
0°-60°	1194.5	99.4
0°-90°	1201.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1201.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	751	
5°	755	72
15°	771	218
25°	719	328
35°	545	336
45°	252	196
55°	44	45
65°	4	5
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	750.6
2.5°	749.2
5°	754.6
7.5°	760.1
10°	766.9
12.5°	768.3
15°	771.0
17.5°	768.3
20°	761.5
22.5°	739.7
25°	719.2
27.5°	686.6
30°	644.3
32.5°	600.7
35°	544.9
37.5°	482.2
40°	412.8
42.5°	335.1
45°	252.0
47.5°	175.7
50°	115.8
52.5°	73.6
55°	43.6
57.5°	23.2
60°	12.3
62.5°	6.8
65°	4.0
67.5°	4.0
70°	2.7
72.5°	1.4
75°	1.4
77.5°	1.4
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)