

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: P843842

Luminaire Tested: **LD6C08DE010B2750 EU6C08B27 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843842
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: LD6C08DE010B2750 EU6C08B27 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

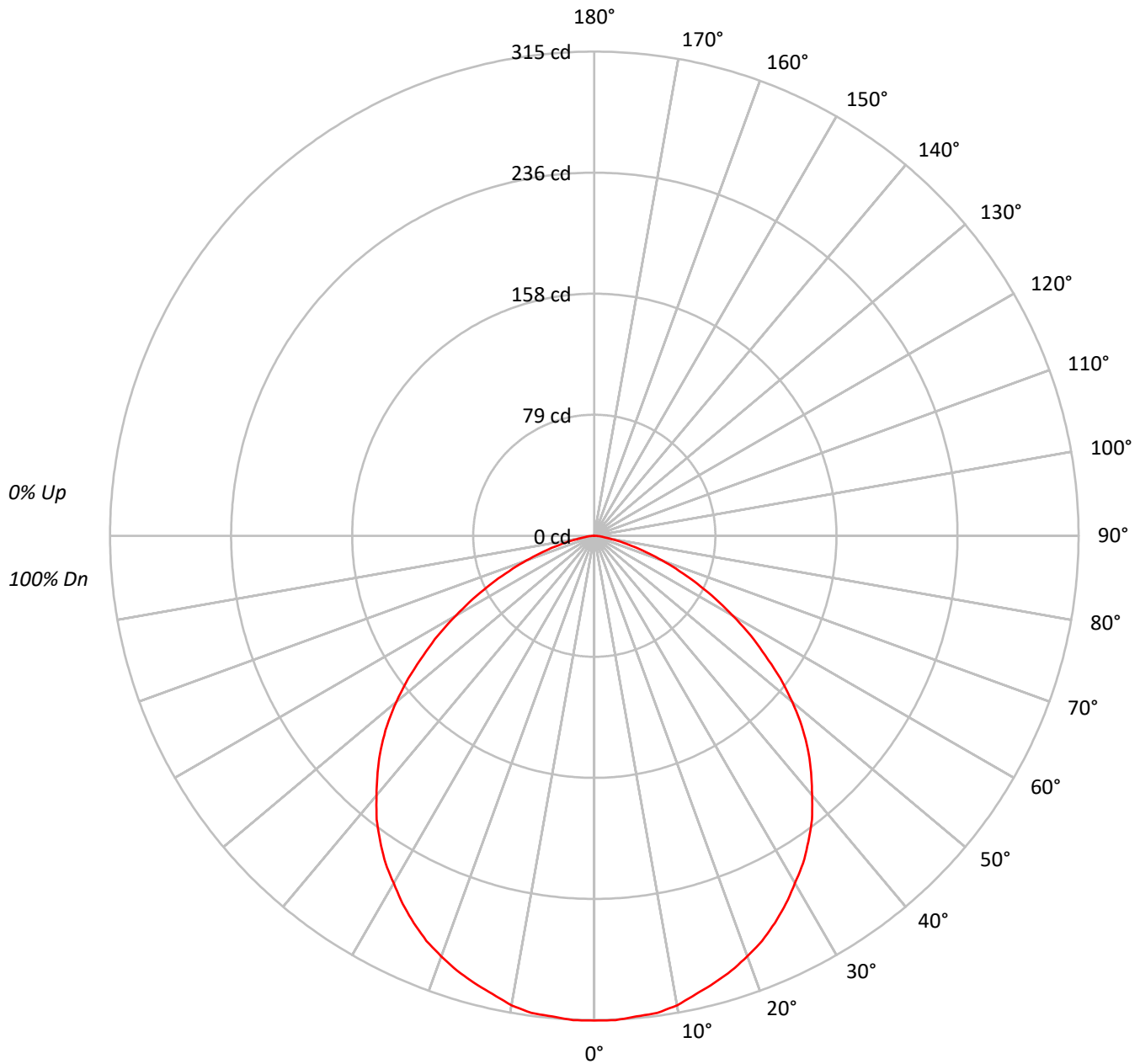
Lumens per Lamp: N/A
Luminaire Lumens: 772.2 lumens
Efficiency: N/A
Efficacy: 80.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.6
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	110	106	102	99	108	104	100	97	100	97	94		96	93	91		92
2	101	94	87	82	99	92	86	81	88	84	79		85	81	78		82
3	93	83	75	70	90	81	74	69	79	73	68		76	71	67		73
4	85	74	66	60	83	73	65	59	70	64	58		68	62	58		66
5	79	66	58	52	77	65	57	51	63	56	51		61	55	50		60
6	73	60	52	45	71	59	51	45	57	50	45		56	49	44		54
7	68	55	46	40	66	54	46	40	52	45	40		51	44	40		50
8	63	50	42	36	61	49	41	36	48	41	36		47	40	36		46
9	59	46	38	33	57	45	38	32	44	37	32		43	37	32		42
10	55	42	35	30	54	42	34	30	41	34	29		40	34	29		39

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	17290
5°	17274
10°	17268
15°	17100
20°	16982
25°	16809
30°	16522
35°	16249
40°	15772
45°	15234
50°	14328
55°	12970
60°	11392
65°	9586
70°	7517
75°	5274
80°	2936
85°	2076



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.9	3.9
10°-20°	85.1	11.0
20°-30°	127.9	16.6
30°-40°	151.7	19.6
40°-50°	150.9	19.5
50°-60°	121.7	15.8
60°-70°	73.6	9.5
70°-80°	27.4	3.5
80°-90°	4.1	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°	242.9	31.5
0°-40°	394.5	51.1
0°-60°	667.1	86.4
0°-90°	772.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	772.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	315	
5°	314	30
15°	301	85
25°	278	128
35°	243	152
45°	196	151
55°	136	122
65°	74	74
75°	25	27
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	315.4
2.5°	315.4
5°	313.9
7.5°	313.1
10°	310.2
12.5°	305.4
15°	301.3
17.5°	296.7
20°	291.1
22.5°	285.3
25°	277.9
27.5°	269.9
30°	261.0
32.5°	252.7
35°	242.8
37.5°	232.6
40°	220.4
42.5°	208.7
45°	196.5
47.5°	183.0
50°	168.0
52.5°	152.5
55°	135.7
57.5°	120.7
60°	103.9
62.5°	88.9
65°	73.9
67.5°	59.9
70°	46.9
72.5°	35.1
75°	24.9
77.5°	15.9
80°	9.3
82.5°	5.6
85°	3.3
87.5°	1.4
90°	0.0



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— 0°-180°







(END OF REPORT)