

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: P843843

Luminaire Tested: **LD6C08DE010B2750 EU6C08B27 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843843
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 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

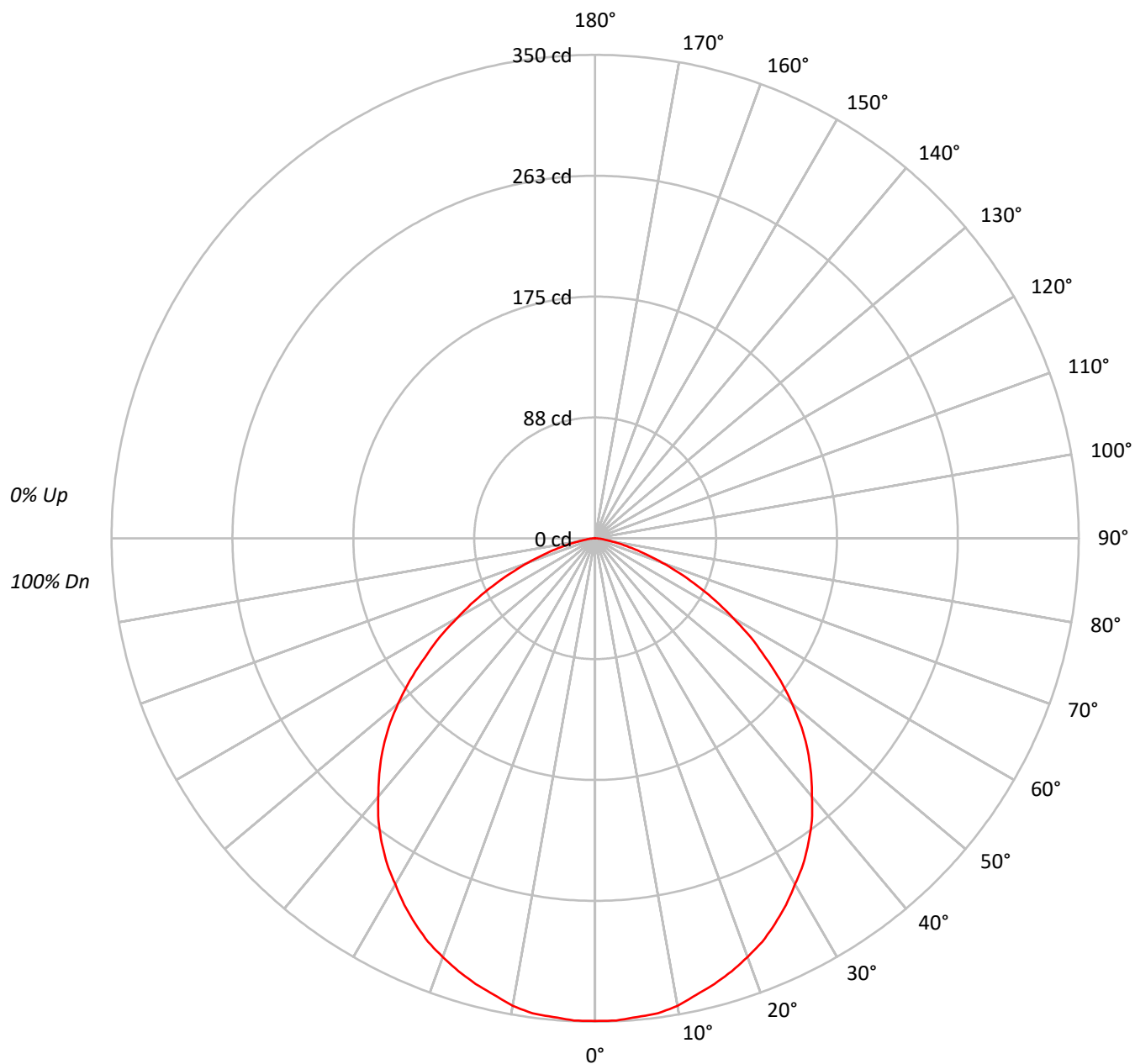
Lumens per Lamp: N/A
Luminaire Lumens: 855.6 lumens
Efficiency: N/A
Efficacy: 89.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	19160
5°	19145
10°	19132
15°	18956
20°	18820
25°	18630
30°	18313
35°	18016
40°	17476
45°	16885
50°	15872
55°	14375
60°	12620
65°	10624
70°	8303
75°	5825
80°	3283
85°	2264



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	3.9
10°-20°	94.3	11.0
20°-30°	141.8	16.6
30°-40°	168.1	19.6
40°-50°	167.2	19.5
50°-60°	134.8	15.8
60°-70°	81.5	9.5
70°-80°	30.3	3.5
80°-90°	4.5	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°	269.2	31.5
0°-40°	437.3	51.1
0°-60°	739.3	86.4
0°-90°	855.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	855.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	350	
5°	348	33
15°	334	94
25°	308	142
35°	269	168
45°	218	167
55°	150	135
65°	82	82
75°	28	30
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	349.5
2.5°	349.5
5°	347.9
7.5°	346.9
10°	343.7
12.5°	338.5
15°	334.0
17.5°	328.7
20°	322.6
22.5°	316.2
25°	308.0
27.5°	299.2
30°	289.3
32.5°	280.1
35°	269.2
37.5°	257.7
40°	244.2
42.5°	231.2
45°	217.8
47.5°	202.7
50°	186.1
52.5°	169.0
55°	150.4
57.5°	133.8
60°	115.1
62.5°	98.6
65°	81.9
67.5°	66.3
70°	51.8
72.5°	38.9
75°	27.5
77.5°	17.7
80°	10.4
82.5°	6.2
85°	3.6
87.5°	1.5
90°	0.0



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— 0°-180°







(END OF REPORT)