

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: P843894

Luminaire Tested: **LD6C08DE010B2750 EU6C08B40 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843894
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 EU6C08B40 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

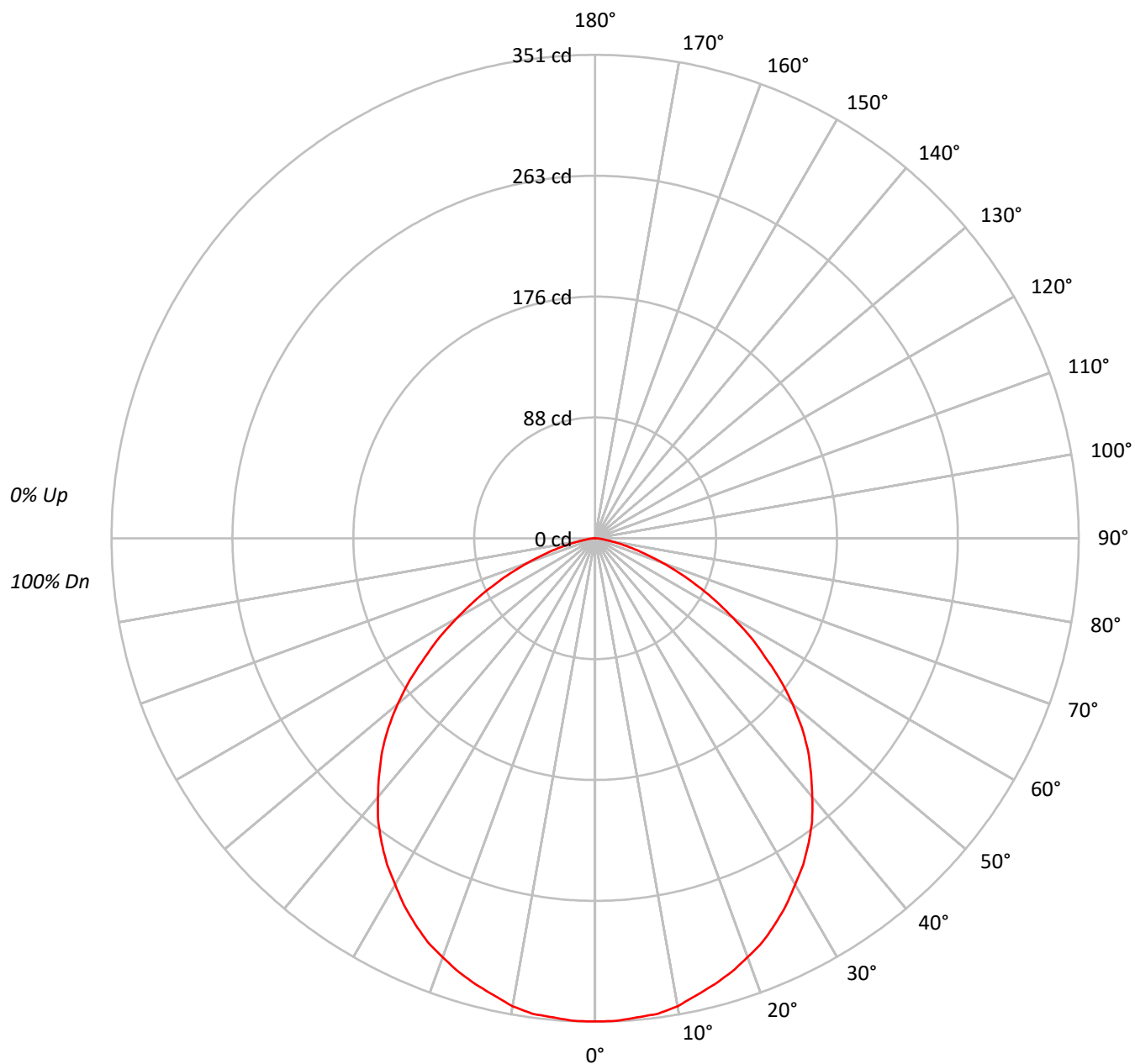
Lumens per Lamp: N/A
Luminaire Lumens: 858.7 lumens
Efficiency: N/A
Efficacy: 89.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	110	106	102	99		108	104	100	97		100	97	94		96	93	91		92	90	89
2	101	94	87	82		99	92	86	81		88	84	79		85	81	78		82	79	76
3	93	83	75	70		90	81	74	69		79	73	68		76	71	67		73	69	65
4	85	74	66	60		83	73	65	59		70	64	58		68	62	58		66	61	57
5	79	66	58	52		77	65	57	51		63	56	51		61	55	50		60	54	50
6	73	60	52	45		71	59	51	45		57	50	45		56	49	44		54	49	44
7	68	55	46	40		66	54	46	40		52	45	40		51	44	40		50	44	39
8	63	50	42	36		61	49	41	36		48	41	36		47	40	36		46	40	35
9	59	46	38	33		57	45	38	32		44	37	32		43	37	32		42	36	32
10	55	42	35	30		54	42	34	30		41	34	29		40	34	29		39	33	29

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	19231
5°	19216
10°	19205
15°	19024
20°	18884
25°	18697
30°	18376
35°	18076
40°	17547
45°	16947
50°	15940
55°	14422
60°	12663
65°	10663
70°	8335
75°	5846
80°	3283
85°	2264



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.2	3.9
10°-20°	94.6	11.0
20°-30°	142.3	16.6
30°-40°	168.7	19.6
40°-50°	167.9	19.5
50°-60°	135.3	15.8
60°-70°	81.8	9.5
70°-80°	30.4	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°	270.2	31.5
0°-40°	438.8	51.1
0°-60°	742.0	86.4
0°-90°	858.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	858.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	351	
5°	349	33
15°	335	95
25°	309	142
35°	270	169
45°	219	168
55°	151	135
65°	82	82
75°	28	30
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	350.8
2.5°	350.8
5°	349.2
7.5°	348.2
10°	345.0
12.5°	339.8
15°	335.2
17.5°	330.0
20°	323.7
22.5°	317.4
25°	309.1
27.5°	300.3
30°	290.3
32.5°	281.0
35°	270.1
37.5°	258.7
40°	245.2
42.5°	232.0
45°	218.6
47.5°	203.5
50°	186.9
52.5°	169.6
55°	150.9
57.5°	134.2
60°	115.5
62.5°	98.9
65°	82.2
67.5°	66.6
70°	52.0
72.5°	39.0
75°	27.6
77.5°	17.7
80°	10.4
82.5°	6.2
85°	3.6
87.5°	1.6
90°	0.0



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— 0°-180°







(END OF REPORT)