

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: P843979

Luminaire Tested: **LD6C10DE010B2750 EU6C10B40 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843979
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: LD6C10DE010B2750 EU6C10B40 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

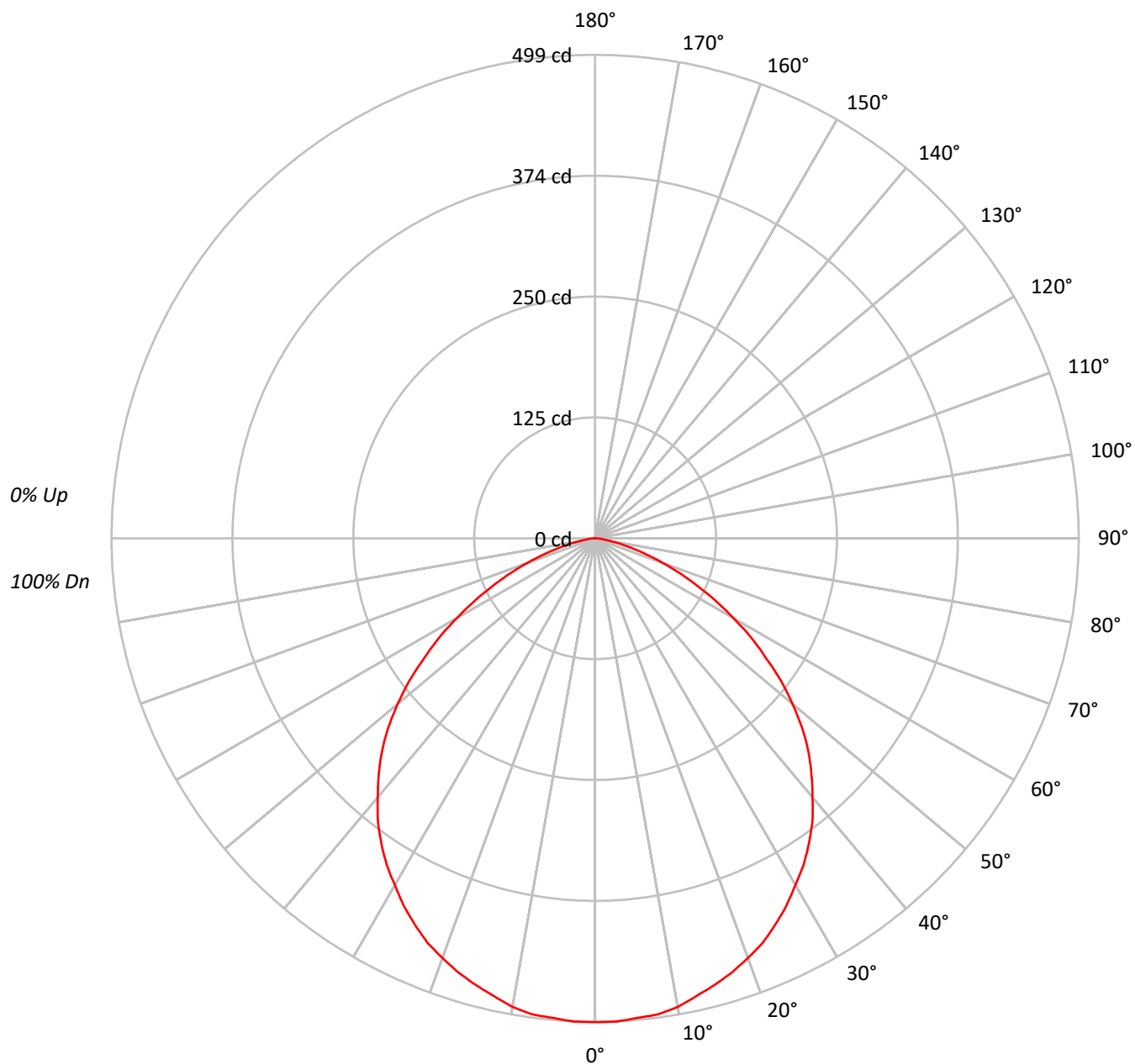
Lumens per Lamp: N/A
Luminaire Lumens: 1222.7 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	27377
5°	27355
10°	27343
15°	27083
20°	26888
25°	26620
30°	26162
35°	25739
40°	24975
45°	24134
50°	22686
55°	20539
60°	18036
65°	15177
70°	11877
75°	8324
80°	4672
85°	3271



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.3	3.9
10°-20°	134.7	11.0
20°-30°	202.6	16.6
30°-40°	240.2	19.6
40°-50°	239.0	19.5
50°-60°	192.6	15.8
60°-70°	116.5	9.5
70°-80°	43.3	3.5
80°-90°	6.4	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°	384.6	31.5
0°-40°	624.8	51.1
0°-60°	1056.4	86.4
0°-90°	1222.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1222.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	499	
5°	497	47
15°	477	135
25°	440	203
35°	385	240
45°	311	239
55°	215	193
65°	117	117
75°	39	43
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	499.4
2.5°	499.4
5°	497.1
7.5°	495.7
10°	491.2
12.5°	483.8
15°	477.2
17.5°	469.8
20°	460.9
22.5°	451.9
25°	440.1
27.5°	427.5
30°	413.3
32.5°	400.1
35°	384.6
37.5°	368.3
40°	349.0
42.5°	330.4
45°	311.3
47.5°	289.7
50°	266.0
52.5°	241.5
55°	214.9
57.5°	191.1
60°	164.5
62.5°	140.8
65°	117.0
67.5°	94.8
70°	74.1
72.5°	55.6
75°	39.3
77.5°	25.2
80°	14.8
82.5°	8.9
85°	5.2
87.5°	2.2
90°	0.0



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— 0°-180°







(END OF REPORT)