

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: **LD6C10DE010B40 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: LD6C10DE010B40 EU6C10B40 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

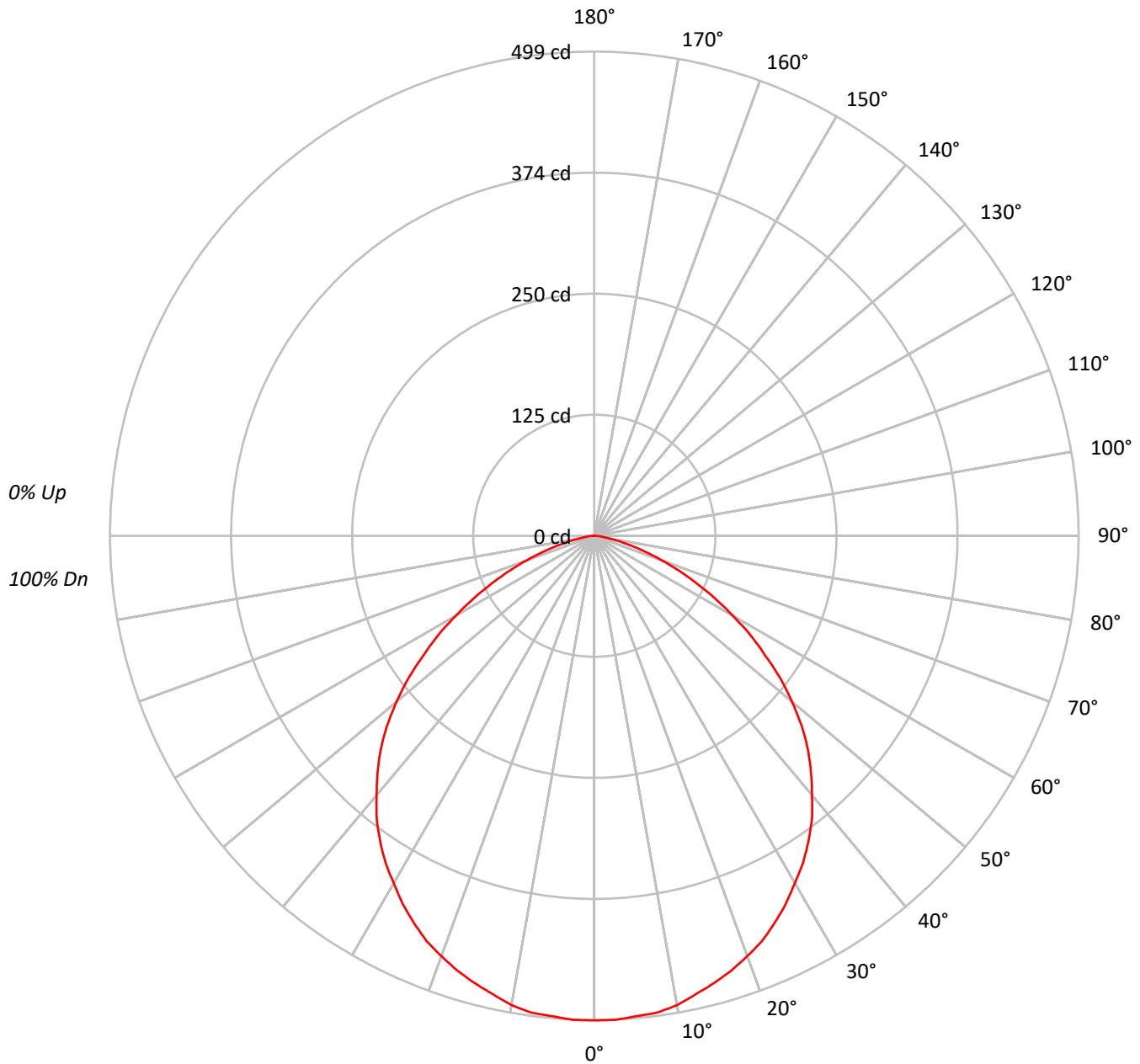
Lumens per Lamp: N/A
Luminaire Lumens: 1222.7 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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					0
RW	70	50	30	10	70	50	30	10	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	100		
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87		
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74		
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63		
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55		
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48		
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42		
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37		
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33		
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30		
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27		

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)