

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: P843988

Luminaire Tested: **LD6C10DE010B40 EU6C10B40 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843988
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C10DE010B40 EU6C10B40 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

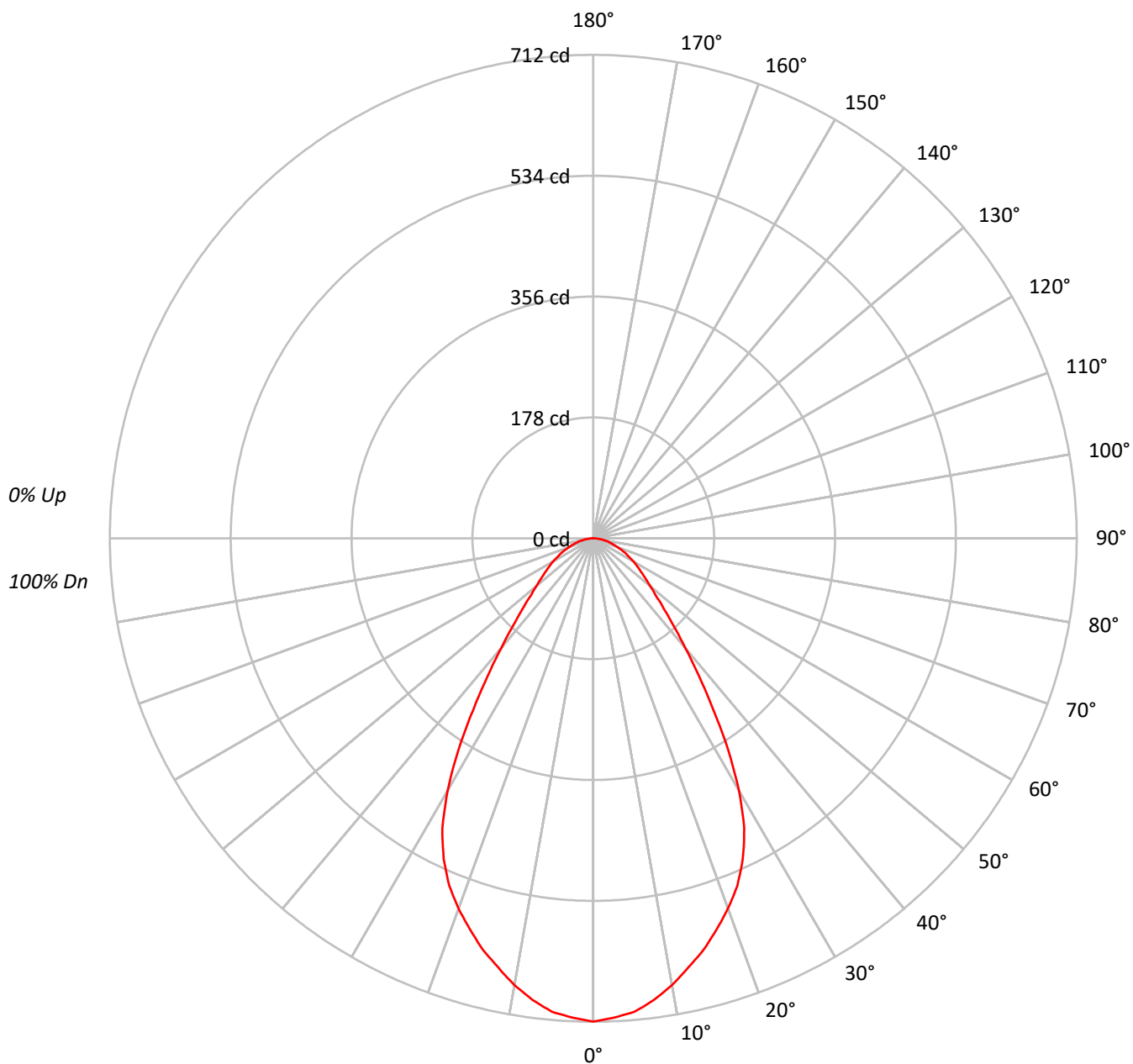
Lumens per Lamp: N/A
Luminaire Lumens: 954.0 lumens
Efficiency: N/A
Efficacy: 71.7 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P843988

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBMMW

Luminous Intensity Polar Plot





TEST NUMBER: P843988

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBMMW

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	111	108	104	101		109	105	103	100		101	99	97		98	96	94		94	92	91
2	104	97	92	88		101	96	91	87		92	88	85		89	86	83		86	83	81
3	97	88	82	77		95	87	81	76		84	79	75		82	77	74		79	76	73
4	90	81	74	68		88	80	73	68		77	72	67		75	70	66		73	69	65
5	85	74	67	61		83	73	66	61		71	65	61		69	64	60		68	63	59
6	79	68	61	56		78	68	61	56		66	60	55		64	59	55		63	58	54
7	75	63	56	51		73	63	56	51		61	55	50		60	54	50		59	54	50
8	70	59	52	47		69	58	51	47		57	51	46		56	50	46		55	50	46
9	66	55	48	43		65	54	48	43		53	47	43		52	47	43		51	46	43
10	63	51	45	40		62	51	44	40		50	44	40		49	44	40		48	43	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39021
5°	38515
10°	37207
15°	35619
20°	33848
25°	31520
30°	27156
35°	20606
40°	15064
45°	11420
50°	9322
55°	8181
60°	7499
65°	6836
70°	6123
75°	5571
80°	4988
85°	4151



TEST NUMBER: P843988

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBMMW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.8	6.9
10°-20°	176.1	18.5
20°-30°	236.5	24.8
30°-40°	194.0	20.3
40°-50°	116.5	12.2
50°-60°	77.4	8.1
60°-70°	51.9	5.4
70°-80°	27.9	2.9
80°-90°	7.9	0.8
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°	478.4	50.1
0°-40°	672.4	70.5
0°-60°	866.3	90.8
0°-90°	954.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	954.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	712	
5°	700	66
15°	628	176
25°	521	237
35°	308	194
45°	147	116
55°	86	77
65°	53	52
75°	26	28
85°	7	8
90°	0	



TEST NUMBER: P843988

CATALOG NUMBER: LD6C10DE010B40 EU6C10B40 6LBMMW

CANDELA DISTRIBUTION (FULL):

	0°
0°	711.8
2.5°	706.6
5°	699.9
7.5°	685.6
10°	668.4
12.5°	647.4
15°	627.6
17.5°	603.9
20°	580.2
22.5°	554.0
25°	521.1
27.5°	481.5
30°	429.0
32.5°	369.7
35°	307.9
37.5°	255.2
40°	210.5
42.5°	175.0
45°	147.3
47.5°	125.0
50°	109.3
52.5°	96.0
55°	85.6
57.5°	76.4
60°	68.4
62.5°	59.2
65°	52.7
67.5°	44.7
70°	38.2
72.5°	31.6
75°	26.3
77.5°	21.0
80°	15.8
82.5°	11.8
85°	6.6
87.5°	2.6
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)