

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: P844462

Luminaire Tested: **LD6C40DE010B2750 EU6C40B30 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844462
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C40DE010B2750 EU6C40B30 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

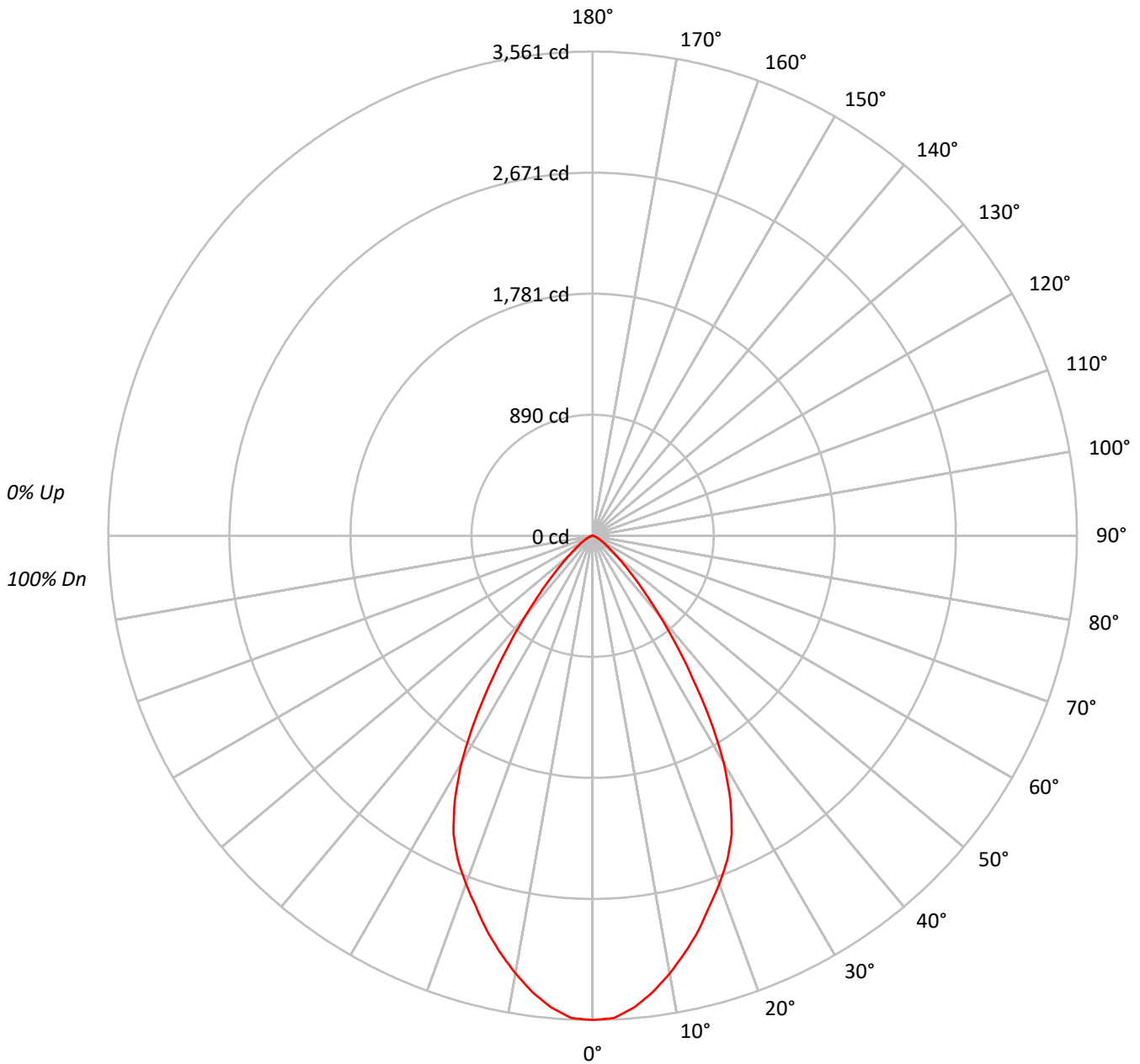
Lumens per Lamp: N/A
Luminaire Lumens: 3598.1 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 49.8
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92			92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85			85
3	101	94	88	84	99	92	87	84	90	86	82	87	84	81	85	82	80	78			78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53			53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49			49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	195204
5°	191707
10°	181916
15°	170591
20°	158873
25°	146385
30°	121968
35°	85969
40°	54788
45°	32678
50°	19283
55°	12272
60°	8453
65°	5993
70°	4135
75°	3262
80°	1610
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	325.6	9.0
10°-20°	842.3	23.4
20°-30°	1091.3	30.3
30°-40°	810.2	22.5
40°-50°	342.1	9.5
50°-60°	121.4	3.4
60°-70°	46.9	1.3
70°-80°	16.3	0.5
80°-90°	2.1	0.1
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°	2259.2	62.8
0°-40°	3069.4	85.3
0°-60°	3532.9	98.2
0°-90°	3598.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3598.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3561	
5°	3484	326
15°	3006	842
25°	2420	1091
35°	1285	810
45°	422	342
55°	128	121
65°	46	47
75°	15	16
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3560.8
2.5°	3550.5
5°	3483.7
7.5°	3386.0
10°	3268.0
12.5°	3139.4
15°	3005.8
17.5°	2856.9
20°	2723.3
22.5°	2584.5
25°	2420.1
27.5°	2194.0
30°	1926.8
32.5°	1613.3
35°	1284.6
37.5°	1007.1
40°	765.6
42.5°	570.3
45°	421.5
47.5°	308.3
50°	226.1
52.5°	169.5
55°	128.4
57.5°	97.5
60°	77.1
62.5°	56.6
65°	46.2
67.5°	35.9
70°	25.8
72.5°	20.5
75°	15.4
77.5°	10.4
80°	5.1
82.5°	5.1
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)