

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: P685131

Luminaire Tested: **LX6C60D010 EX6609040 6LRMDLI**

Issue Date: 2/15/2022



Test Information

Test Method: LM-79-08
Report Number: P685131
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C60D010 EX6609040 6LRMDLI
Description: 6 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 6LRMD45 TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

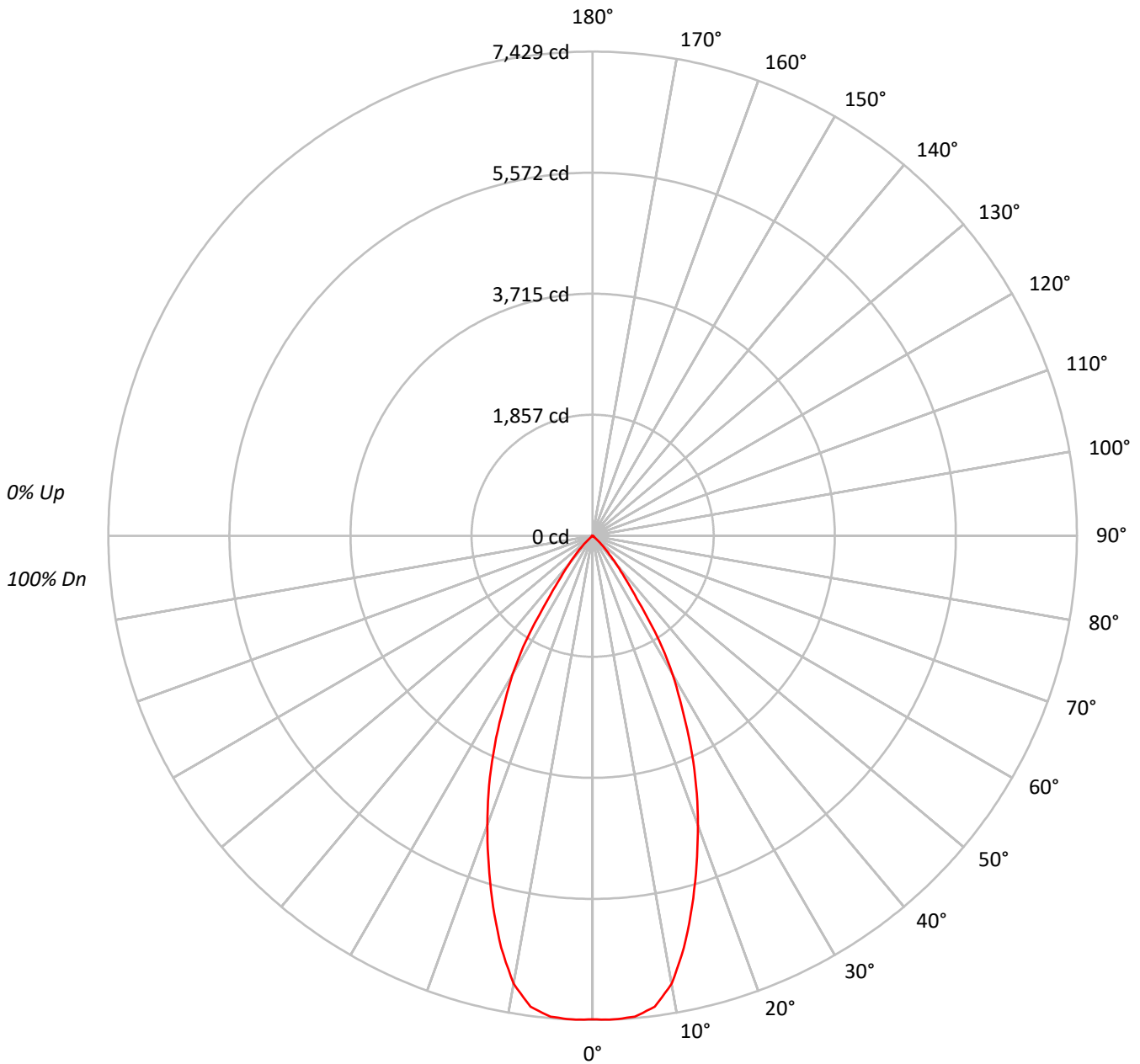
Lumens per Lamp: N/A
Luminaire Lumens: 4968.1 lumens
Efficiency: N/A
Efficacy: 69.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.77
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 72
Input Voltage (V):
Input Current (A_{in}): 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	109	104	100	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89		
3	104	98	93	90	102	97	92	89	94	90	87	92	89	86	89	87	85	83		
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78		
5	95	87	81	77	93	86	81	77	84	80	76	83	79	76	81	78	75	74		
6	90	82	77	73	89	81	76	72	80	75	72	79	74	71	77	74	71	70		
7	86	78	72	68	85	77	72	68	76	71	68	75	70	67	74	70	67	66		
8	83	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62		
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	59		
10	76	67	61	58	75	66	61	58	65	61	57	65	60	57	64	60	57	56		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	406782
5°	407566
10°	388409
15°	334446
20°	275515
25°	215196
30°	155410
35°	79592
40°	38808
45°	16126
50°	2942
55°	1711
60°	1118
65°	830
70°	609
75°	551
80°	410
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	694.2	14.0
10°-20°	1633.3	32.9
20°-30°	1617.7	32.6
30°-40°	820.0	16.5
40°-50°	176.7	3.6
50°-60°	16.9	0.3
60°-70°	6.5	0.1
70°-80°	2.4	0.0
80°-90°	0.5	0.0
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°	3945.1	79.4
0°-40°	4765.2	95.9
0°-60°	4958.7	99.8
0°-90°	4968.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4968.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7420	
5°	7406	694
15°	5893	1633
25°	3558	1618
35°	1189	820
45°	208	177
55°	18	17
65°	6	6
75°	3	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	7420.3
2.5°	7429.3
5°	7406.3
7.5°	7290.2
10°	6977.5
12.5°	6474.8
15°	5892.9
17.5°	5296.9
20°	4722.7
22.5°	4148.5
25°	3557.7
27.5°	2955.4
30°	2455.1
32.5°	1891.1
35°	1189.3
37.5°	800.1
40°	542.3
42.5°	350.9
45°	208.0
47.5°	93.2
50°	34.5
52.5°	23.0
55°	17.9
57.5°	12.8
60°	10.2
62.5°	7.7
65°	6.4
67.5°	5.1
70°	3.8
72.5°	2.6
75°	2.6
77.5°	1.3
80°	1.3
82.5°	1.3
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)