

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: P684921

Luminaire Tested: **LX6C25D010 EX6259030 6LRMDLI**

Issue Date: 2/15/2022



**Test Information**

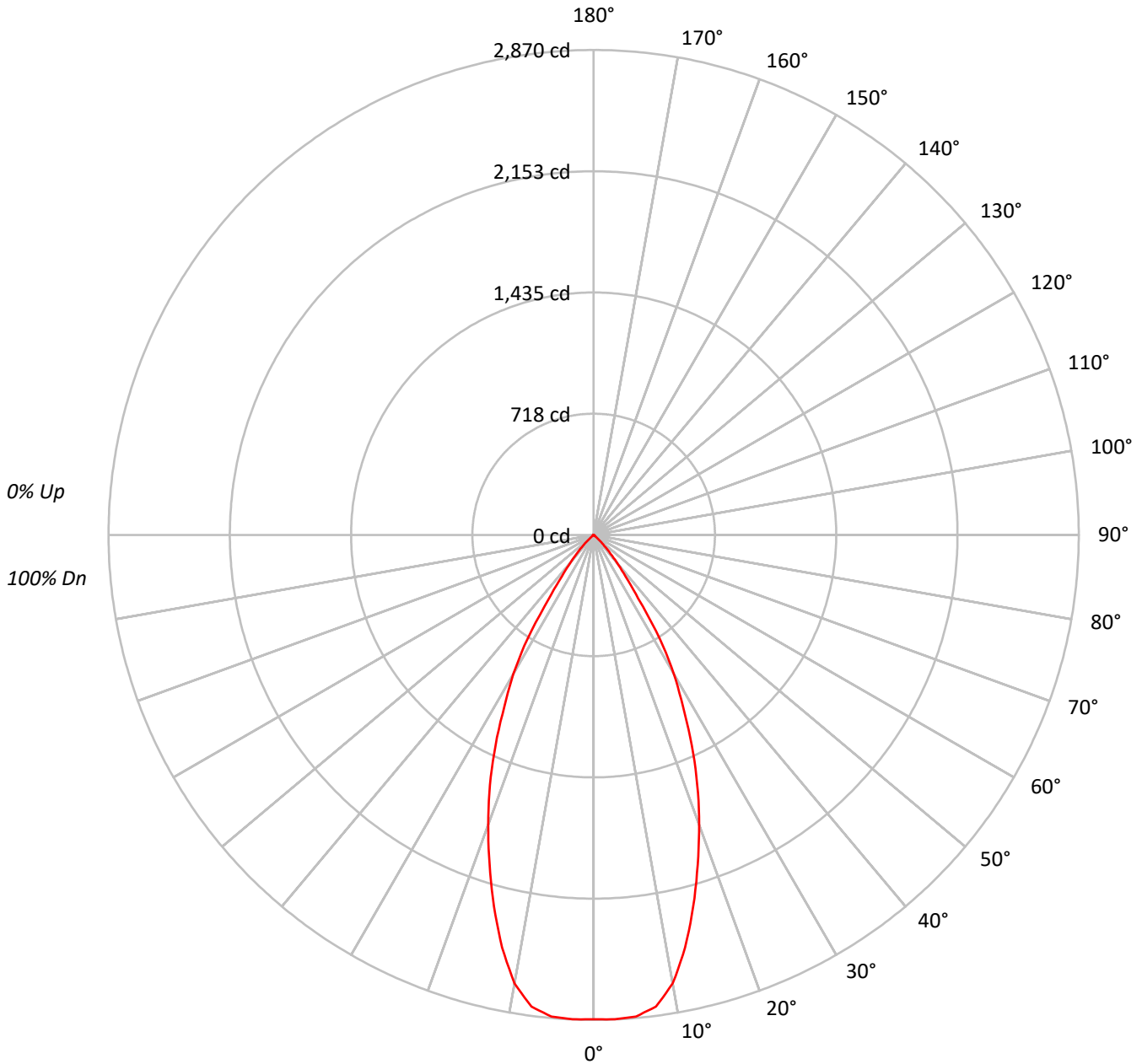
Test Method: LM-79-08  
Report Number: P684921  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C25D010 EX6259030 6LRMDLI  
Description: 6 INCH 2500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS  
AND 6LRMD45 TRIM WITH LI FINISH  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1919.0 lumens  
Efficiency: N/A  
Efficacy: 60.9 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): 31.5  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	109	104	100	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89			89
3	104	98	93	90	102	97	92	89	94	90	87	92	89	86	89	87	85	83			83
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78			78
5	95	87	81	77	93	86	81	77	84	80	76	83	79	76	81	78	75	74			74
6	90	82	77	73	89	81	76	72	80	75	72	79	74	71	77	74	71	70			70
7	86	78	72	68	85	77	72	68	76	71	68	75	70	67	74	70	67	66			66
8	83	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62			62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	59			59
10	76	67	61	58	75	66	61	58	65	61	57	65	60	57	64	60	57	56			56

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	157131
5°	157429
10°	150031
15°	129189
20°	106427
25°	83122
30°	60035
35°	30744
40°	14992
45°	6225
50°	1134
55°	659
60°	428
65°	324
70°	240
75°	212
80°	158
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	268.1	14.0
10°-20°	630.9	32.9
20°-30°	624.9	32.6
30°-40°	316.8	16.5
40°-50°	68.2	3.6
50°-60°	6.5	0.3
60°-70°	2.5	0.1
70°-80°	0.9	0.0
80°-90°	0.2	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°	1523.9	79.4
0°-40°	1840.7	95.9
0°-60°	1915.4	99.8
0°-90°	1919.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1919.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2866	
5°	2861	268
15°	2276	631
25°	1374	625
35°	459	317
45°	80	68
55°	7	6
65°	2	3
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2866.3
2.5°	2869.7
5°	2860.8
7.5°	2816.0
10°	2695.2
12.5°	2501.0
15°	2276.3
17.5°	2046.1
20°	1824.3
22.5°	1602.4
25°	1374.2
27.5°	1141.6
30°	948.4
32.5°	730.5
35°	459.4
37.5°	309.1
40°	209.5
42.5°	135.5
45°	80.3
47.5°	36.0
50°	13.3
52.5°	8.9
55°	6.9
57.5°	4.9
60°	3.9
62.5°	3.0
65°	2.5
67.5°	2.0
70°	1.5
72.5°	1.0
75°	1.0
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)