

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: P685134

Luminaire Tested: **LX6C60D010 EX6609050 6LBSLI**

Issue Date: 2/15/2022

Test Information

Test Method: LM-79-08
Report Number: P685134
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205419)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C60D010 EX6609050 6LBSLI
Description: 6 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 5000K, 90CRI LEDS
AND 6LBS TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

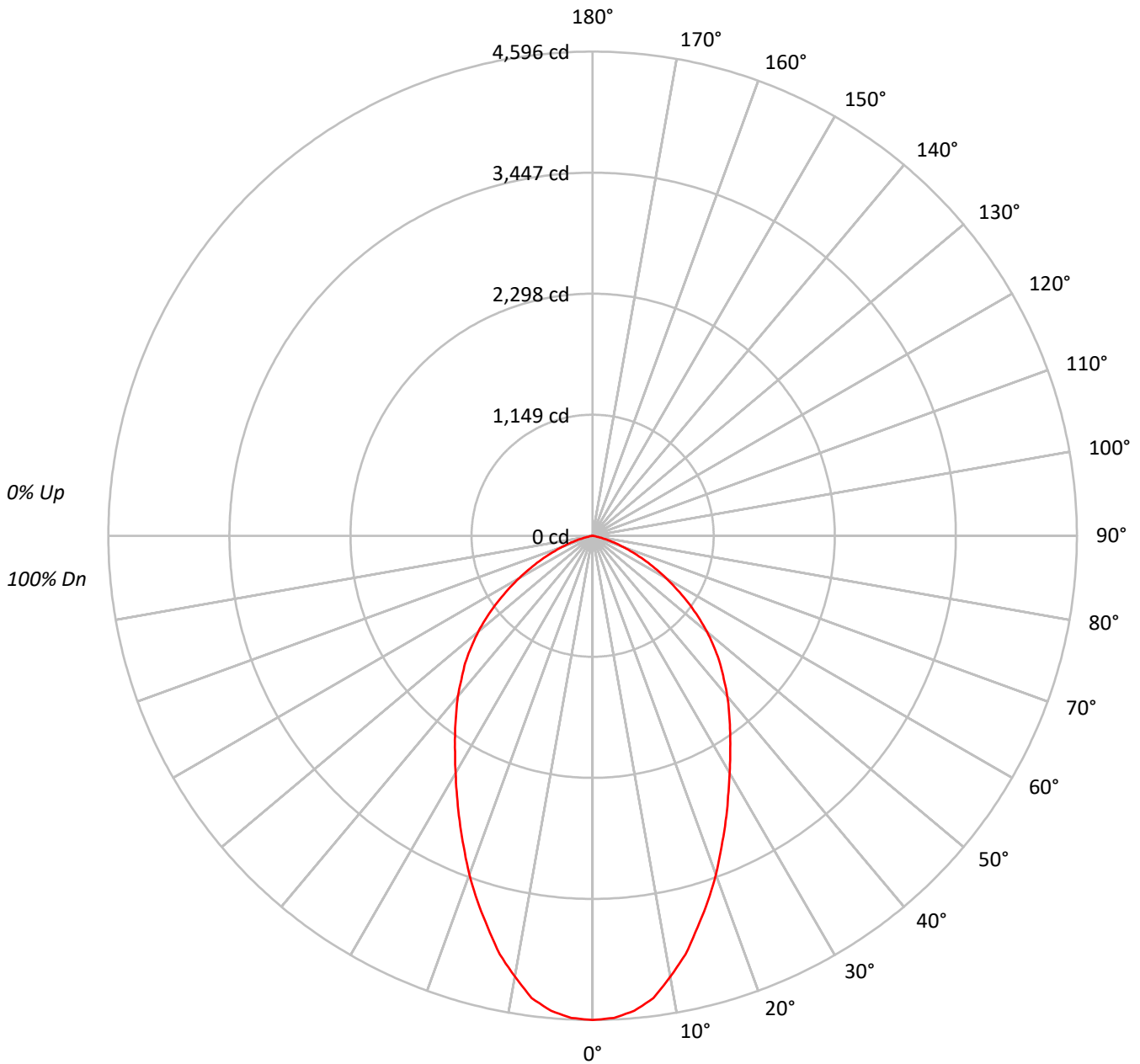
Lumens per Lamp: N/A
Luminaire Lumens: 7284.0 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1.04
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89			
2	103	96	91	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77			
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68			
4	88	78	70	64	86	77	69	64	74	68	63	72	67	62	70	65	62	60			
5	82	71	63	57	80	70	62	57	67	61	56	66	60	55	64	59	55	53			
6	76	64	56	51	74	63	56	51	62	55	50	60	54	50	59	53	49	47			
7	71	59	51	46	70	58	51	45	57	50	45	55	49	45	54	49	45	43			
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39			
9	63	50	43	38	61	50	43	38	49	42	38	48	42	37	47	41	37	36			
10	59	47	40	35	58	46	39	35	45	39	35	45	39	34	44	38	34	33			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	251981
5°	249113
10°	236485
15°	218270
20°	199541
25°	180676
30°	164589
35°	152257
40°	142317
45°	132580
50°	120772
55°	105755
60°	88239
65°	69255
70°	48374
75°	26222
80°	4925
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	423.6	5.8
10°-20°	1078.3	14.8
20°-30°	1375.1	18.9
30°-40°	1426.0	19.6
40°-50°	1314.0	18.0
50°-60°	988.4	13.6
60°-70°	533.5	7.3
70°-80°	143.1	2.0
80°-90°	2.1	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°	2876.9	39.5
0°-40°	4302.9	59.1
0°-60°	6605.3	90.7
0°-90°	7284.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7284.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4596	
5°	4527	424
15°	3846	1078
25°	2987	1375
35°	2275	1426
45°	1710	1314
55°	1106	988
65°	534	534
75°	124	143
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	4596.5
2.5°	4581.2
5°	4526.9
7.5°	4426.3
10°	4248.3
12.5°	4070.4
15°	3845.9
17.5°	3637.1
20°	3420.4
22.5°	3196.0
25°	2987.0
27.5°	2785.9
30°	2600.1
32.5°	2429.8
35°	2275.1
37.5°	2128.0
40°	1988.7
42.5°	1841.8
45°	1710.1
47.5°	1563.2
50°	1416.1
52.5°	1261.4
55°	1106.5
57.5°	951.8
60°	804.8
62.5°	665.4
65°	533.9
67.5°	410.2
70°	301.8
72.5°	209.0
75°	123.8
77.5°	54.1
80°	15.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)