

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: P684984

Luminaire Tested: **LX6C35D010 EX6359050 6LBSLI**

Issue Date: 2/15/2022



Test Information

Test Method: LM-79-08
Report Number: P684984
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: LX6C35D010 EX6359050 6LBSLI
Description: 6 INCH 3500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 5000K, 90CRI LEDS
AND 6LBS TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

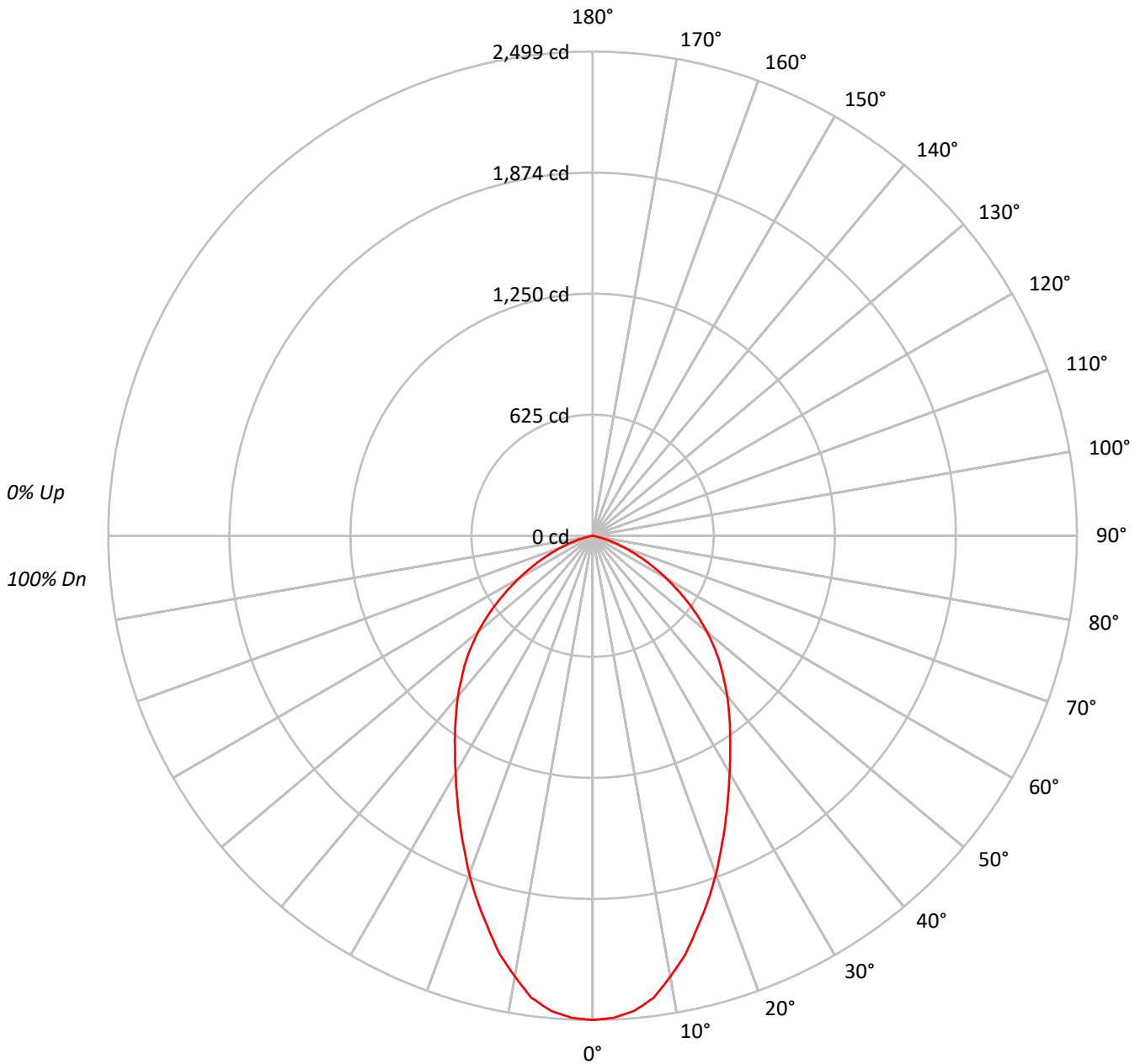
Lumens per Lamp: N/A
Luminaire Lumens: 3960.1 lumens
Efficiency: N/A
Efficacy: 98.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1.04
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 40.4
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			100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89			89
2	103	96	91	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77			77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68			68
4	88	78	70	64	86	77	69	64	74	68	63	72	67	62	70	65	62	60			60
5	82	71	63	57	80	70	62	57	67	61	56	66	60	55	64	59	55	53			53
6	76	64	56	51	74	63	56	51	62	55	50	60	54	50	59	53	49	47			47
7	71	59	51	46	70	58	51	45	57	50	45	55	49	45	54	49	45	43			43
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39			39
9	63	50	43	38	61	50	43	38	49	42	38	48	42	37	47	41	37	36			36
10	59	47	40	35	58	46	39	35	45	39	35	45	39	34	44	38	34	33			33

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	136990
5°	135433
10°	128566
15°	118667
20°	108480
25°	98225
30°	89476
35°	82777
40°	77374
45°	72077
50°	65661
55°	57499
60°	47968
65°	37656
70°	26303
75°	14255
80°	2683
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.3	5.8
10°-20°	586.2	14.8
20°-30°	747.6	18.9
30°-40°	775.3	19.6
40°-50°	714.3	18.0
50°-60°	537.4	13.6
60°-70°	290.1	7.3
70°-80°	77.8	2.0
80°-90°	1.2	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°	1564.1	39.5
0°-40°	2339.3	59.1
0°-60°	3591.0	90.7
0°-90°	3960.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3960.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2499	
5°	2461	230
15°	2091	586
25°	1624	748
35°	1237	775
45°	930	714
55°	602	537
65°	290	290
75°	67	78
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2498.9
2.5°	2490.6
5°	2461.1
7.5°	2406.4
10°	2309.6
12.5°	2212.9
15°	2090.9
17.5°	1977.3
20°	1859.5
22.5°	1737.5
25°	1623.9
27.5°	1514.6
30°	1413.5
32.5°	1321.0
35°	1236.9
37.5°	1156.9
40°	1081.2
42.5°	1001.3
45°	929.7
47.5°	849.8
50°	769.9
52.5°	685.8
55°	601.6
57.5°	517.5
60°	437.5
62.5°	361.8
65°	290.3
67.5°	223.0
70°	164.1
72.5°	113.6
75°	67.3
77.5°	29.4
80°	8.5
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)