

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: P563937

Luminaire Tested: **LX6C35D010 EX6C359030 6LBSH**

Issue Date: 2/15/2022



Test Information

Test Method: LM-79-08
Report Number: P563937
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204188)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C35D010 EX6C359030 6LBSH
Description: 6 INCH 3500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 6LBS TRIM WITH H FINISH, DIM TO WARM
Light Source: -
Ballast/Driver: -

Summary

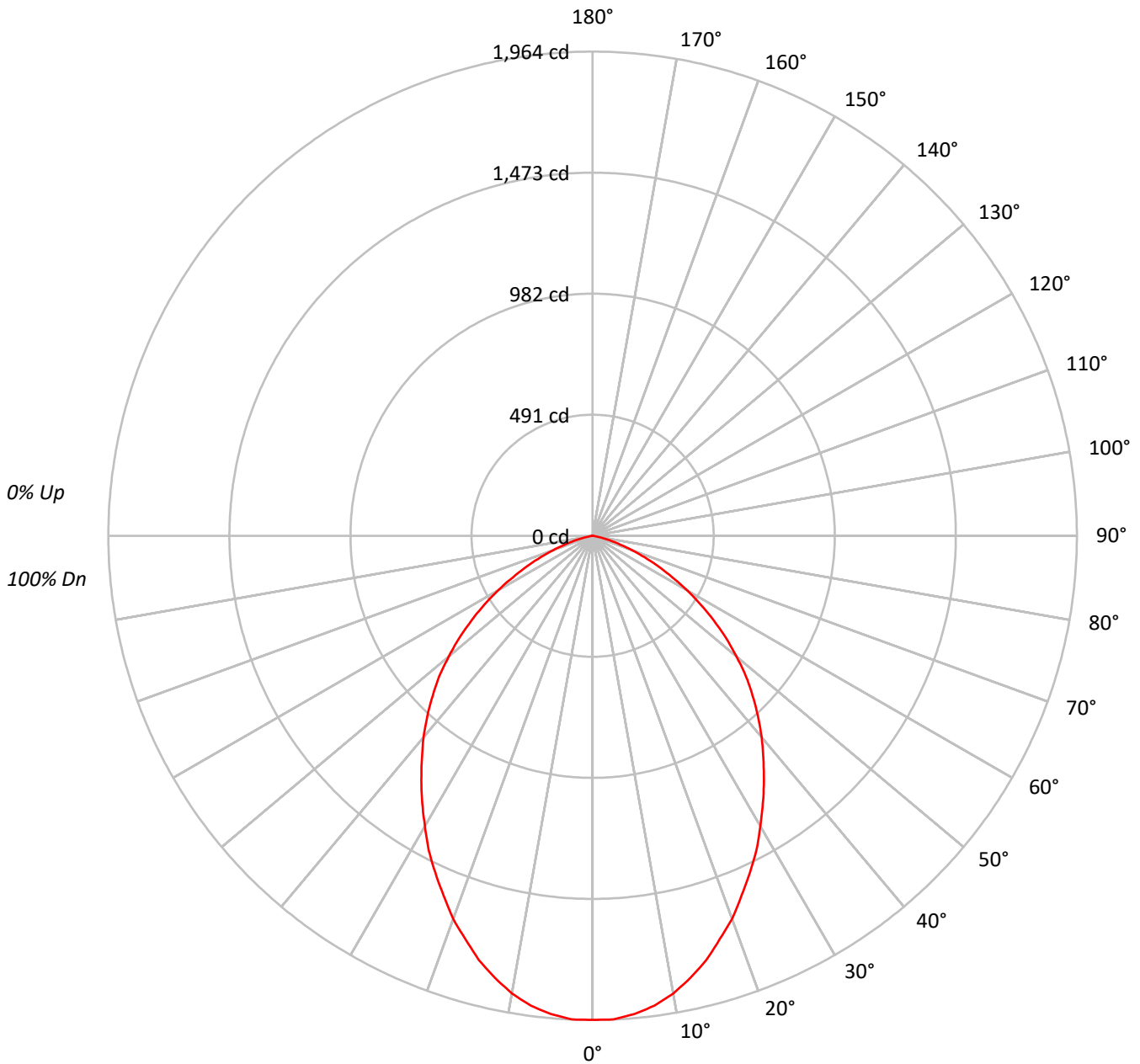
Lumens per Lamp: N/A
Luminaire Lumens: 3754.5 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P563937

CATALOG NUMBER: LX6C35D010 EX6C359030 6LBSH

Luminous Intensity Polar Plot





TEST NUMBER: P563937

CATALOG NUMBER: LX6C35D010 EX6C359030 6LBSH

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	108	105	102	99	101	98	96	97	95	93	93	92	90	88			
2	102	96	90	85	100	94	88	84	90	86	82	87	83	80	84	81	79	77			
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67			
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58			
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	53	51			
6	75	63	55	49	73	62	54	49	60	54	49	59	53	48	57	52	48	46			
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41			
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37			
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34			
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107645
5°	107143
10°	104936
15°	101113
20°	96468
25°	91263
30°	86089
35°	81064
40°	76322
45°	71147
50°	64876
55°	57288
60°	48494
65°	38084
70°	27168
75°	14890
80°	2620
85°	0



TEST NUMBER: P563937

CATALOG NUMBER: LX6C35D010 EX6C359030 6LBSH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.9	4.9
10°-20°	499.9	13.3
20°-30°	694.2	18.5
30°-40°	757.6	20.2
40°-50°	706.7	18.8
50°-60°	536.4	14.3
60°-70°	293.8	7.8
70°-80°	80.9	2.2
80°-90°	1.1	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°	1378.1	36.7
0°-40°	2135.6	56.9
0°-60°	3378.8	90.0
0°-90°	3754.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3754.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1964	
5°	1947	184
15°	1782	500
25°	1509	694
35°	1211	758
45°	918	707
55°	599	536
65°	294	294
75°	70	81
85°	0	1
90°	0	



TEST NUMBER: P563937

CATALOG NUMBER: LX6C35D010 EX6C359030 6LBSH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1963.6
2.5°	1963.6
5°	1947.0
7.5°	1922.2
10°	1885.1
12.5°	1835.4
15°	1781.6
17.5°	1715.5
20°	1653.6
22.5°	1579.1
25°	1508.8
27.5°	1438.6
30°	1360.0
32.5°	1285.5
35°	1211.3
37.5°	1136.8
40°	1066.5
42.5°	992.2
45°	917.7
47.5°	843.3
50°	760.7
52.5°	682.0
55°	599.4
57.5°	520.9
60°	442.3
62.5°	363.9
65°	293.6
67.5°	227.3
70°	169.5
72.5°	115.8
75°	70.3
77.5°	33.1
80°	8.3
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)