

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: P563931

Luminaire Tested: **LX6C30D010 EX6C309030 6LBWH**

Issue Date: 2/15/2022



Test Information

Test Method: LM-79-08
Report Number: P563931
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C30D010 EX6C309030 6LBWH
Description: 6 INCH 3000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 6LBW TRIM WITH H FINISH, DIM TO WARM
Light Source: -
Ballast/Driver: -

Summary

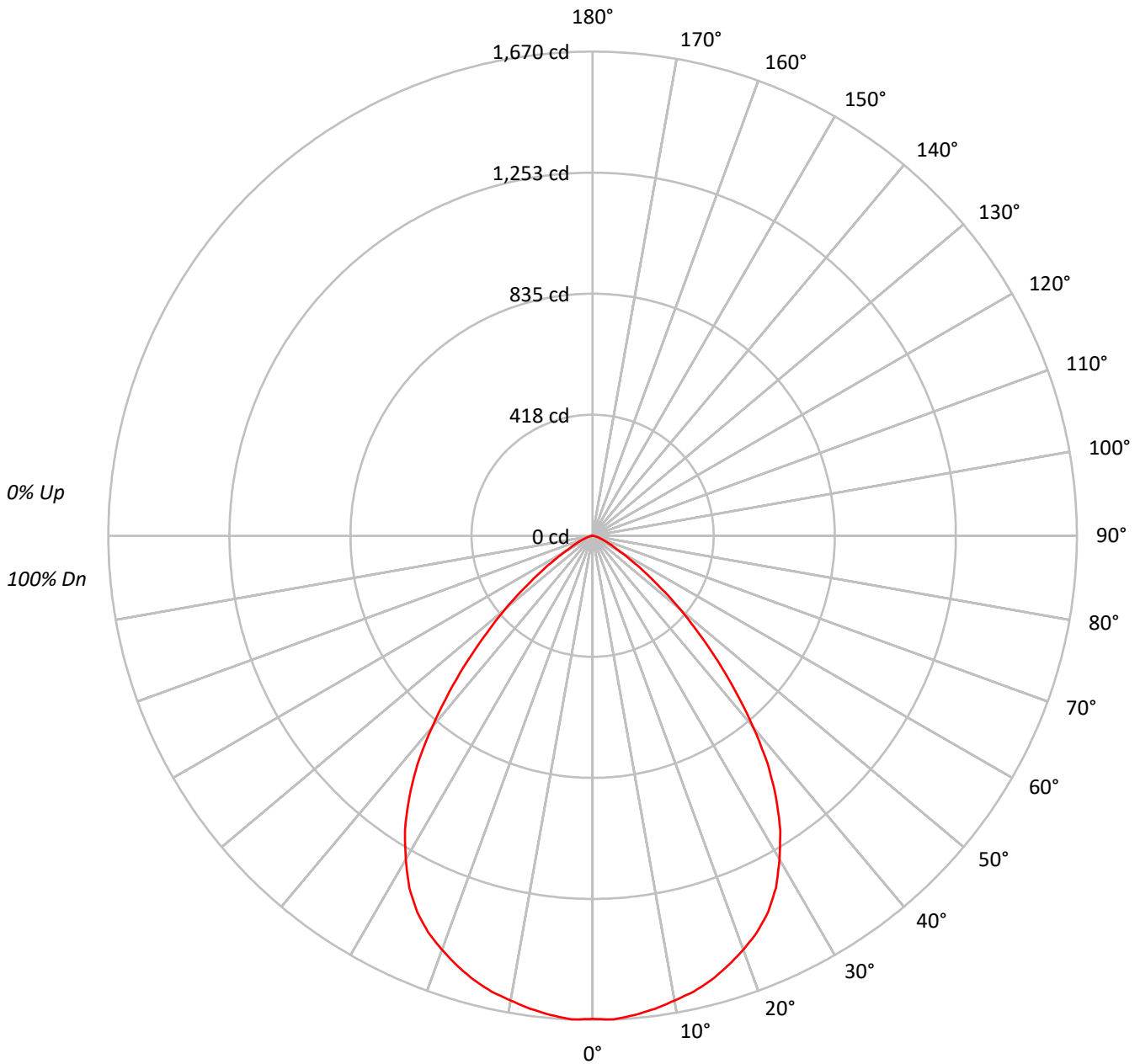
Lumens per Lamp: N/A
Luminaire Lumens: 2701.7 lumens
Efficiency: N/A
Efficacy: 85.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 31.6
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: P563931

CATALOG NUMBER: LX6C30D010 EX6C309030 6LBWH

Luminous Intensity Polar Plot





TEST NUMBER: P563931

CATALOG NUMBER: LX6C30D010 EX6C309030 6LBWH

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	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			73
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			49
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41			41
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91347
5°	91316
10°	90613
15°	90006
20°	88634
25°	86606
30°	81551
35°	73796
40°	61630
45°	47222
50°	33440
55°	21084
60°	11885
65°	7718
70°	5033
75°	3707
80°	2210
85°	2264



TEST NUMBER: P563931

CATALOG NUMBER: LX6C30D010 EX6C309030 6LBWH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.4	5.8
10°-20°	446.6	16.5
20°-30°	654.8	24.2
30°-40°	681.5	25.2
40°-50°	471.5	17.5
50°-60°	205.3	7.6
60°-70°	63.0	2.3
70°-80°	18.9	0.7
80°-90°	2.9	0.1
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°	1258.7	46.6
0°-40°	1940.2	71.8
0°-60°	2617.0	96.9
0°-90°	2701.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2701.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1666	
5°	1659	157
15°	1586	447
25°	1432	655
35°	1103	681
45°	609	471
55°	221	205
65°	60	63
75°	18	19
85°	4	3
90°	0	



TEST NUMBER: P563931

CATALOG NUMBER: LX6C30D010 EX6C309030 6LBWH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1666.3
2.5°	1669.8
5°	1659.4
7.5°	1645.4
10°	1627.8
12.5°	1610.3
15°	1585.9
17.5°	1554.3
20°	1519.3
22.5°	1480.8
25°	1431.8
27.5°	1368.8
30°	1288.3
32.5°	1204.2
35°	1102.7
37.5°	990.8
40°	861.2
42.5°	731.7
45°	609.1
47.5°	493.5
50°	392.1
52.5°	297.6
55°	220.6
57.5°	157.6
60°	108.4
62.5°	80.6
65°	59.5
67.5°	45.6
70°	31.4
72.5°	24.5
75°	17.5
77.5°	10.5
80°	7.0
82.5°	3.6
85°	3.6
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)