

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: P563979

Luminaire Tested: **LX6C60D010 EX6C609030 6LBSH**

Issue Date: 2/15/2022

Test Information

Test Method: LM-79-08
Report Number: P563979
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: LX6C60D010 EX6C609030 6LBSH
Description: 6 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 6LBS TRIM WITH H FINISH, DIM TO WARM
Light Source: -
Ballast/Driver: -

Summary

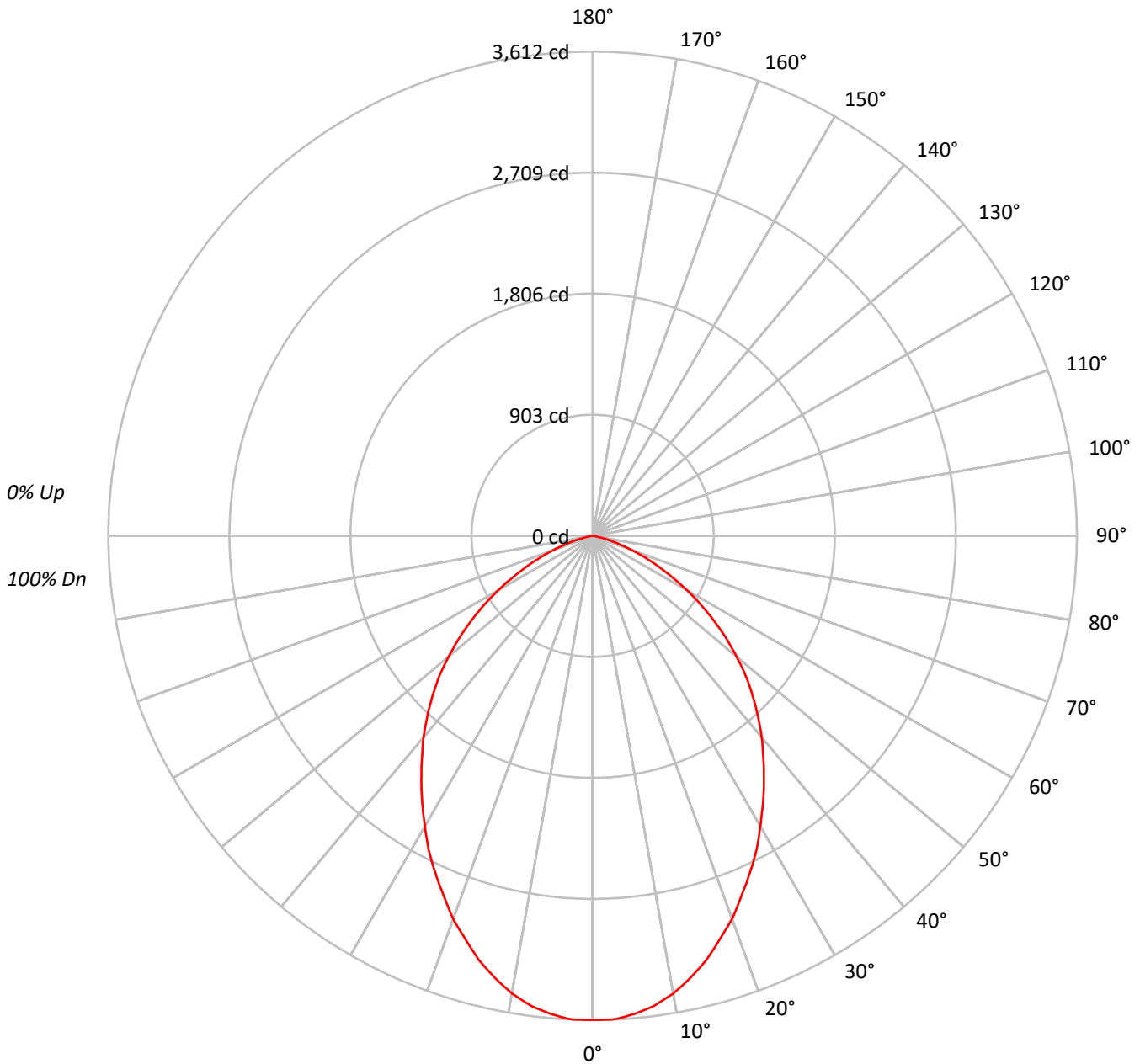
Lumens per Lamp: N/A
Luminaire Lumens: 6905.8 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	197999
5°	197072
10°	193005
15°	185983
20°	177430
25°	167871
30°	158347
35°	149098
40°	140392
45°	130859
50°	119322
55°	105373
60°	89203
65°	70033
70°	49976
75°	27387
80°	4830
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	338.3	4.9
10°-20°	919.5	13.3
20°-30°	1276.9	18.5
30°-40°	1393.5	20.2
40°-50°	1299.9	18.8
50°-60°	986.7	14.3
60°-70°	540.3	7.8
70°-80°	148.7	2.2
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°	2534.7	36.7
0°-40°	3928.2	56.9
0°-60°	6214.8	90.0
0°-90°	6905.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6905.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3612	
5°	3581	338
15°	3277	919
25°	2775	1277
35°	2228	1393
45°	1688	1300
55°	1102	987
65°	540	540
75°	129	149
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3611.8
2.5°	3611.8
5°	3581.2
7.5°	3535.6
10°	3467.2
12.5°	3376.0
15°	3277.0
17.5°	3155.5
20°	3041.4
22.5°	2904.5
25°	2775.3
27.5°	2646.0
30°	2501.5
32.5°	2364.6
35°	2227.9
37.5°	2091.1
40°	1961.8
42.5°	1824.9
45°	1687.9
47.5°	1551.1
50°	1399.1
52.5°	1254.6
55°	1102.5
57.5°	958.1
60°	813.6
62.5°	669.2
65°	539.9
67.5°	418.2
70°	311.8
72.5°	212.9
75°	129.3
77.5°	60.9
80°	15.3
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)