

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: P856656

Luminaire Tested: **LD6C60D010 EU6609040 6LBWLI**

Issue Date: 2/15/2022

Test Information

Test Method: LM-79-08
Report Number: P856656
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C60D010 EU6609040 6LBWLI
Description: 6 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 6LBW TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

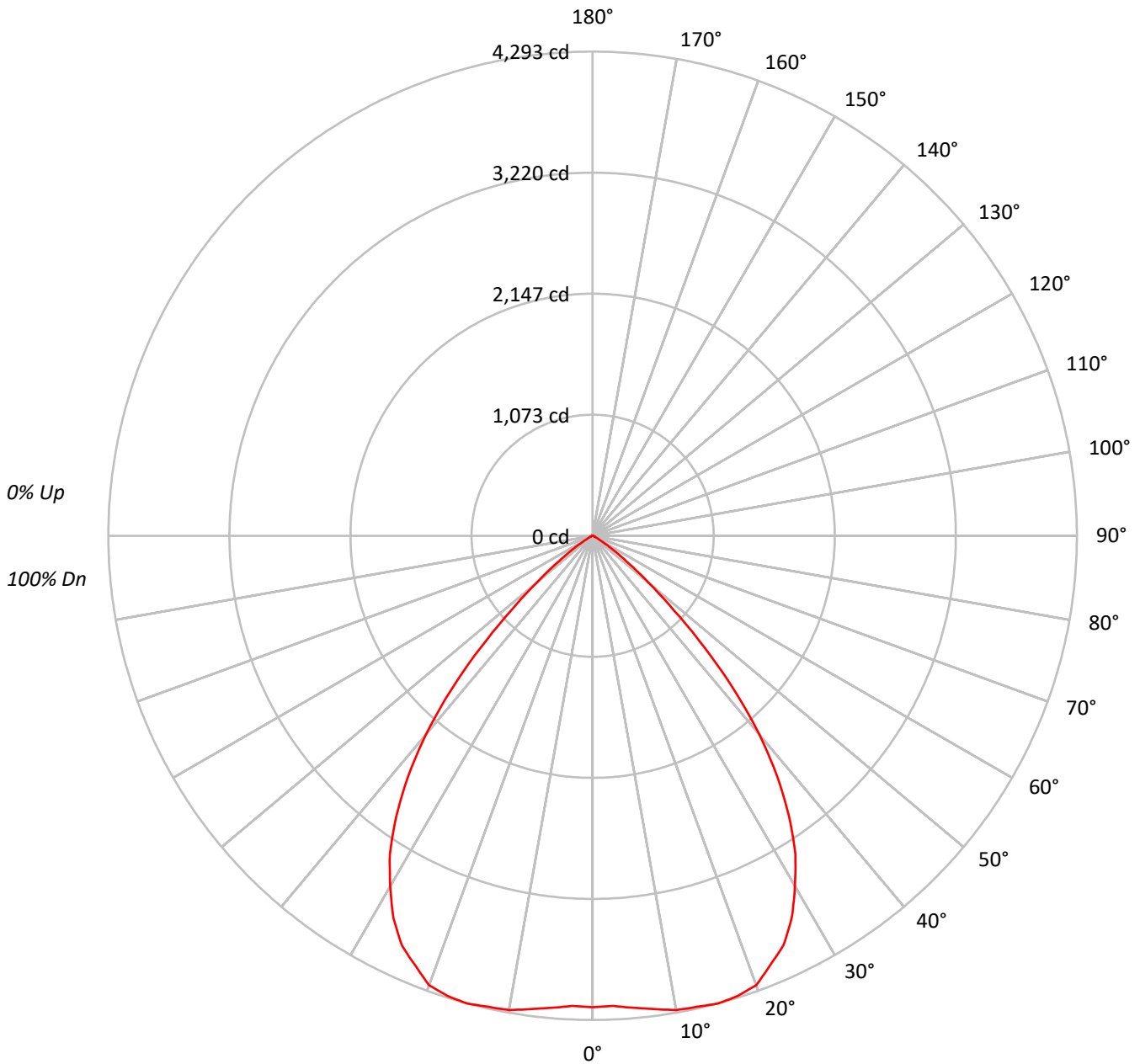
Lumens per Lamp: N/A
Luminaire Lumens: 6690.0 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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									
RC	80									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	113	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92				92															
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83															
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76				76															
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69				69															
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63				63															
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57				57															
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52				52															
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48				48															
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44				44															
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41				41															

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229115
5°	231240
10°	237704
15°	243656
20°	247355
25°	242246
30°	227111
35°	203051
40°	164465
45°	108794
50°	54992
55°	23206
60°	7477
65°	2932
70°	2452
75°	1610
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	403.2	6.0
10°-20°	1211.9	18.1
20°-30°	1826.8	27.3
30°-40°	1869.8	27.9
40°-50°	1089.3	16.3
50°-60°	250.3	3.7
60°-70°	30.7	0.5
70°-80°	8.0	0.1
80°-90°	0.0	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°	3441.8	51.4
0°-40°	5311.6	79.4
0°-60°	6651.3	99.4
0°-90°	6690.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6690.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4179	
5°	4202	403
15°	4293	1212
25°	4005	1827
35°	3034	1870
45°	1403	1089
55°	243	250
65°	23	31
75°	8	8
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4179.4
2.5°	4171.8
5°	4202.1
7.5°	4232.3
10°	4270.2
12.5°	4277.9
15°	4293.2
17.5°	4277.9
20°	4240.0
22.5°	4118.6
25°	4004.9
27.5°	3822.9
30°	3587.8
32.5°	3345.1
35°	3034.1
37.5°	2685.0
40°	2298.2
42.5°	1865.9
45°	1403.3
47.5°	978.4
50°	644.8
52.5°	409.7
55°	242.8
57.5°	129.0
60°	68.2
62.5°	37.9
65°	22.6
67.5°	22.6
70°	15.3
72.5°	7.6
75°	7.6
77.5°	7.6
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)