

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: P684469

Luminaire Tested: **LX6C60D010 EX6C609040 6LBWH**

Issue Date: 2/15/2022



Test Information

Test Method: LM-79-08
Report Number: P684469
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: LX6C60D010 EX6C609040 6LBWH
Description: 6 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 6LBW TRIM WITH H FINISH
Light Source: -
Ballast/Driver: -

Summary

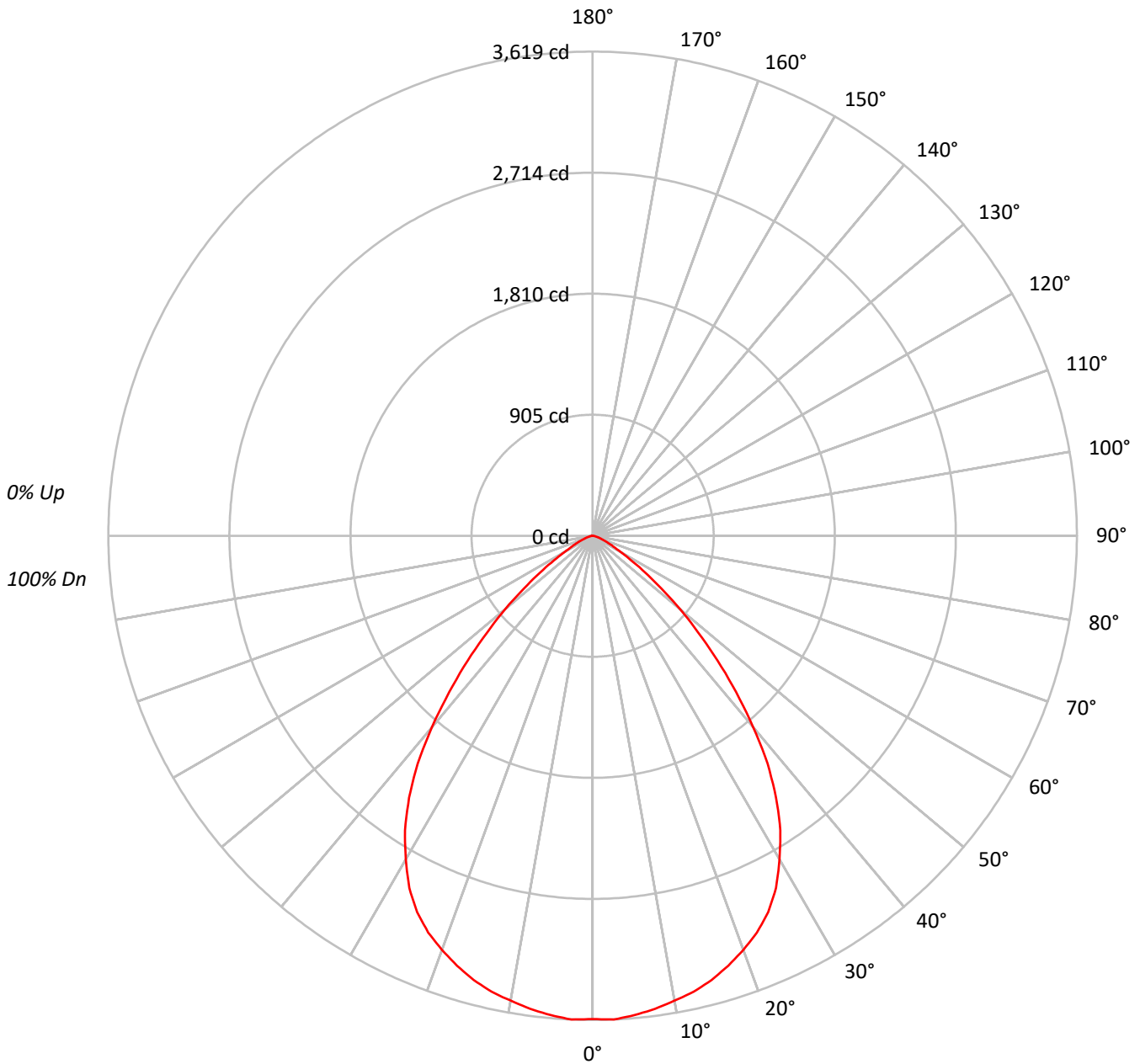
Lumens per Lamp: N/A
Luminaire Lumens: 5856.0 lumens
Efficiency: N/A
Efficacy: 81.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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			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°	197999
5°	197930
10°	196406
15°	195092
20°	192120
25°	187729
30°	176761
35°	159966
40°	133579
45°	102352
50°	72492
55°	45704
60°	25776
65°	16733
70°	10931
75°	8028
80°	4830
85°	4780



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	341.1	5.8
10°-20°	968.0	16.5
20°-30°	1419.3	24.2
30°-40°	1477.1	25.2
40°-50°	1021.9	17.5
50°-60°	445.0	7.6
60°-70°	136.4	2.3
70°-80°	40.9	0.7
80°-90°	6.2	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°	2728.4	46.6
0°-40°	4205.5	71.8
0°-60°	5672.4	96.9
0°-90°	5856.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5856.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3612	
5°	3597	341
15°	3438	968
25°	3104	1419
35°	2390	1477
45°	1320	1022
55°	478	445
65°	129	136
75°	38	41
85°	8	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3611.8
2.5°	3619.4
5°	3596.8
7.5°	3566.5
10°	3528.3
12.5°	3490.4
15°	3437.5
17.5°	3369.0
20°	3293.2
22.5°	3209.7
25°	3103.6
27.5°	2966.9
30°	2792.4
32.5°	2610.2
35°	2390.3
37.5°	2147.5
40°	1866.6
42.5°	1585.9
45°	1320.2
47.5°	1069.8
50°	850.0
52.5°	645.1
55°	478.2
57.5°	341.5
60°	235.1
62.5°	174.6
65°	129.0
67.5°	98.7
70°	68.2
72.5°	53.2
75°	37.9
77.5°	22.6
80°	15.3
82.5°	7.6
85°	7.6
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)