

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: STREETWORKS

Report Number: P847391

Luminaire Tested: **GLAN-SB3C-722-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847391
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-722-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17773 lumens
Efficiency: N/A
Efficacy: 119.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

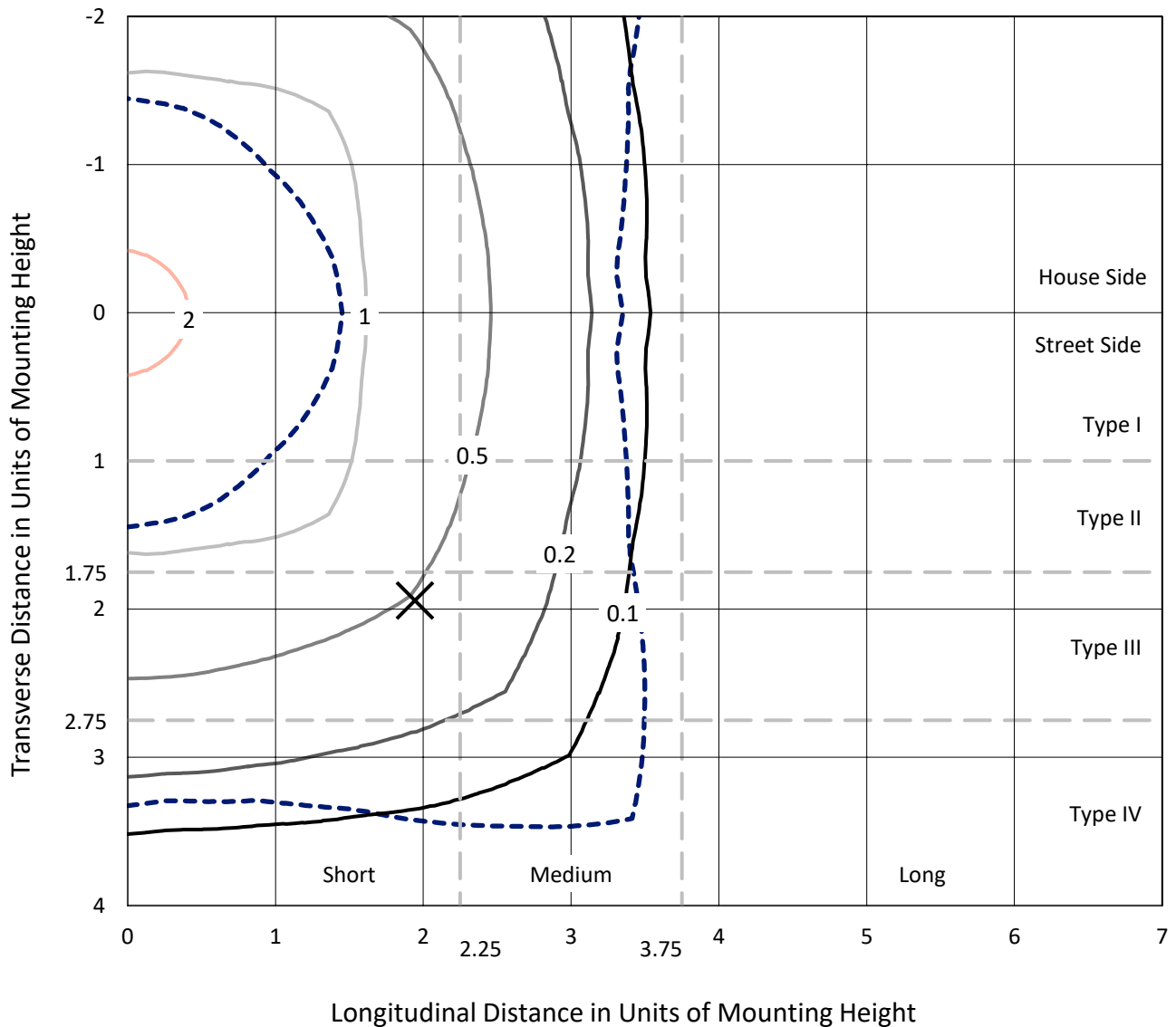
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

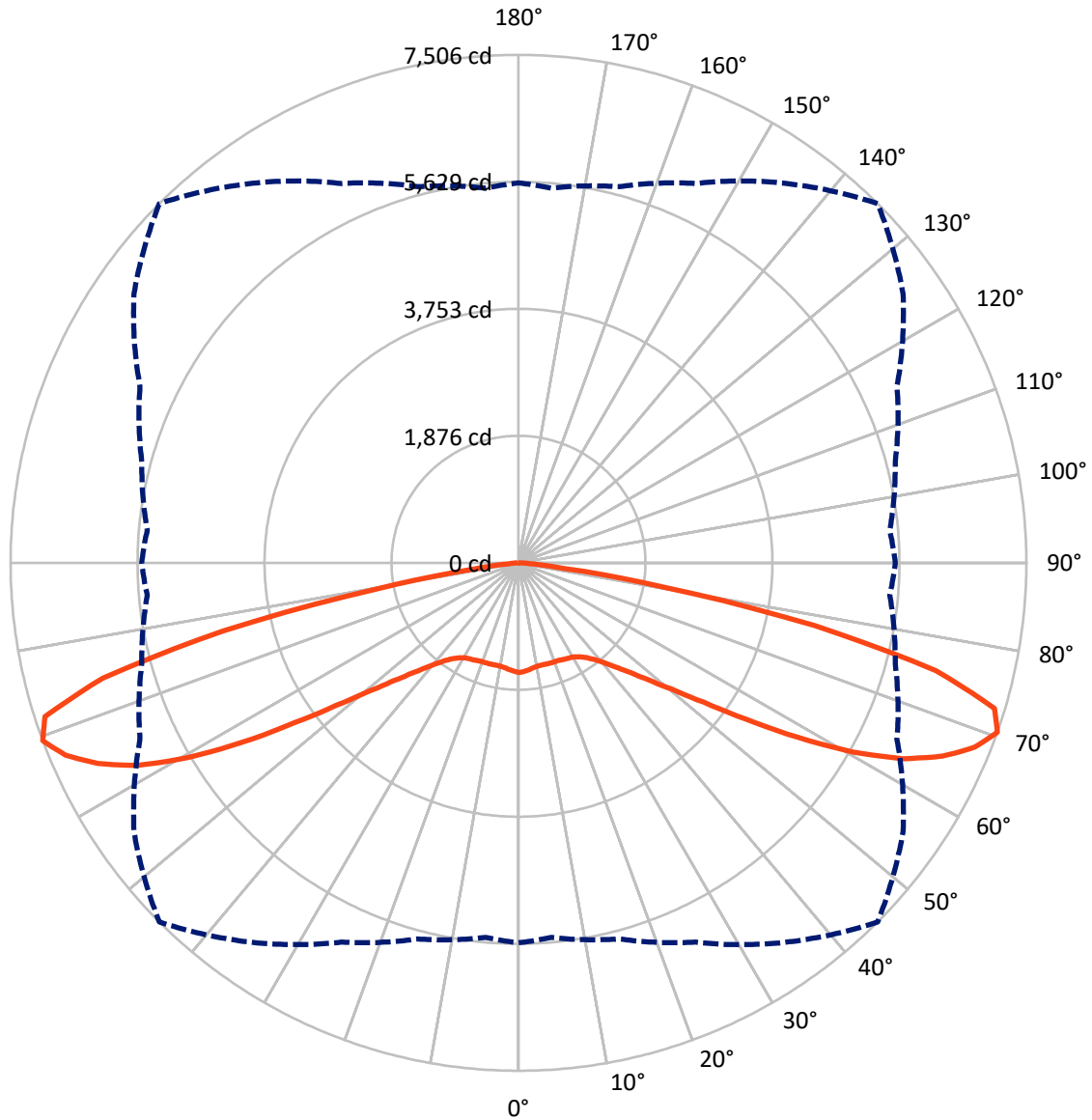
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8886.5	0.0	8886.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	8886.5	0.0	8886.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	17773.0	0.0	17773.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.8	0.8
10°-20°	442.8	2.5
20°-30°	736.9	4.1
30°-40°	1114.5	6.3
40°-50°	1852.0	10.4
50°-60°	3494.6	19.7
60°-70°	5900.8	33.2
70°-80°	3877.4	21.8
80°-90°	203.1	1.1
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°-90°	17773.0	100.0
0°-180°	17773.0	100.0

Coefficient of Utilization



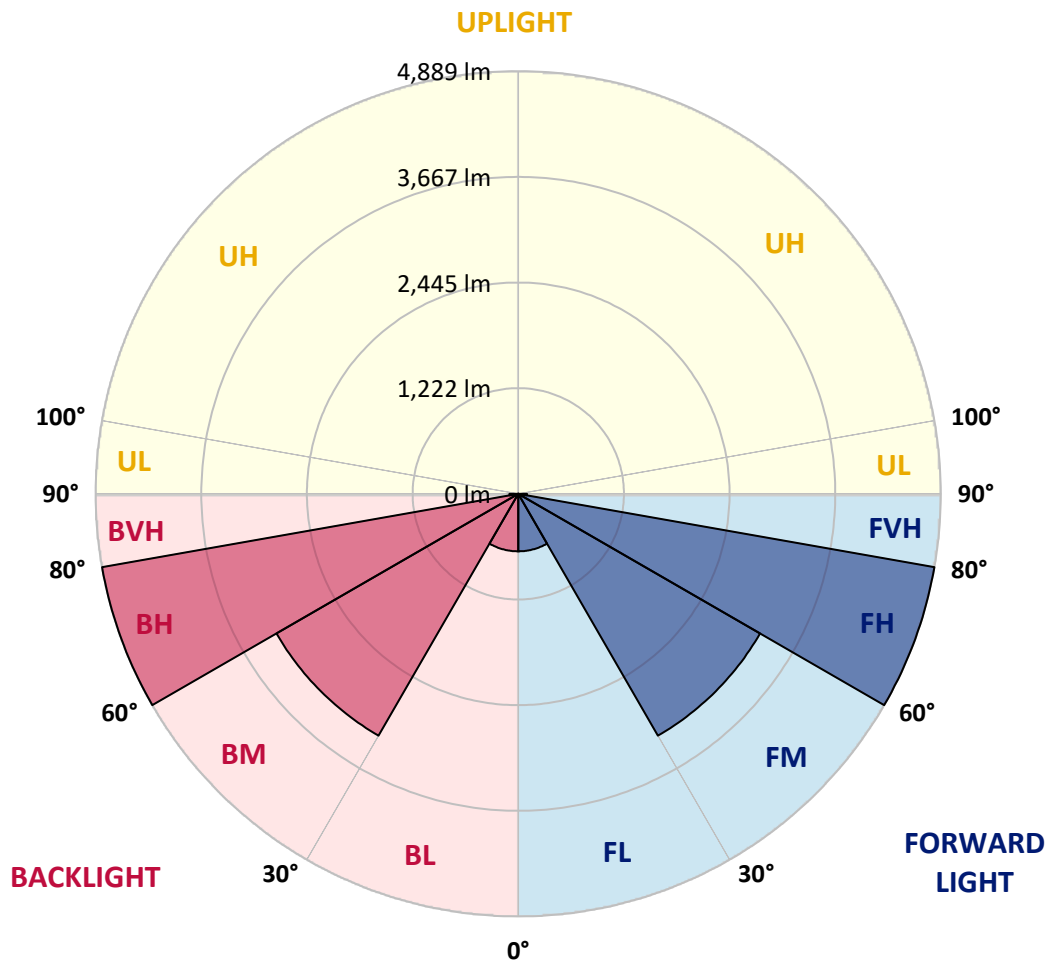
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	665.3	3.7			
FM (30°-60°)	3230.5	18.2			
FH (60°-80°)	4889.1	27.5			G2/5000
FVH (80°-90°)	101.6	0.6			G2/225
BL (0°-30°)	665.3	3.7	B2/1000		
BM (30°-60°)	3230.5	18.2	B3/5000		
BH (60°-80°)	4889.1	27.5	B4/5000		G2/5000
BVH (80°-90°)	101.6	0.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1621.3	1621.3	1621.3	1621.3	1621.3	1621.3	1621.3	1621.3	1621.3	1621.3
2.5°	1611.1	1615.7	1613.9	1610.2	1610.2	1607.4	1610.2	1612.0	1614.8	1616.6
5°	1589.8	1593.5	1592.6	1589.8	1590.8	1588.0	1589.8	1592.6	1594.5	1595.4
7.5°	1571.4	1575.1	1573.2	1568.6	1568.6	1565.8	1566.8	1569.5	1572.3	1573.2
10°	1566.8	1570.4	1564.9	1557.5	1554.7	1551.0	1552.0	1554.7	1560.3	1563.1
12.5°	1568.6	1571.4	1565.8	1554.7	1552.0	1548.3	1548.3	1551.0	1558.4	1562.1
15°	1574.1	1576.9	1568.6	1556.6	1553.8	1551.0	1550.1	1553.8	1562.1	1568.6
17.5°	1584.3	1587.1	1574.1	1557.5	1553.8	1554.7	1553.8	1556.6	1569.5	1581.5
20°	1593.5	1595.4	1577.8	1557.5	1553.8	1554.7	1553.8	1559.4	1576.0	1592.6
22.5°	1596.3	1598.2	1581.5	1564.0	1561.2	1562.1	1561.2	1566.8	1582.5	1599.1
25°	1597.2	1600.0	1587.1	1573.2	1577.8	1579.7	1577.8	1578.8	1590.8	1605.6
27.5°	1611.1	1614.8	1602.8	1590.8	1593.5	1592.6	1595.4	1598.2	1607.4	1622.2
30°	1639.7	1642.5	1632.3	1620.3	1618.5	1612.0	1620.3	1629.6	1639.7	1652.7
32.5°	1686.8	1692.4	1679.5	1666.5	1658.2	1654.5	1661.0	1676.7	1690.5	1704.4
35°	1765.4	1769.1	1757.1	1733.0	1718.3	1718.3	1723.8	1744.1	1766.3	1783.8
37.5°	1876.2	1880.8	1859.6	1831.0	1808.8	1808.8	1816.2	1837.4	1870.7	1895.6
40°	2011.1	2017.6	1990.8	1961.2	1940.0	1936.3	1945.5	1969.5	2000.9	2032.3
42.5°	2173.7	2181.1	2146.0	2120.1	2103.5	2103.5	2108.1	2130.3	2158.9	2197.7
45°	2381.5	2394.5	2346.4	2320.6	2304.9	2308.6	2311.3	2330.7	2356.6	2400.9
47.5°	2629.1	2642.0	2591.2	2564.4	2561.7	2579.2	2568.1	2582.0	2595.9	2646.7
50°	2909.9	2932.1	2897.0	2895.2	2900.7	2933.0	2907.2	2914.6	2898.9	2931.2
52.5°	3253.6	3285.9	3279.5	3290.5	3352.4	3419.0	3359.8	3334.0	3274.8	3285.0
55°	3670.2	3719.2	3728.4	3794.9	3935.4	4071.2	3945.5	3841.1	3715.5	3692.4
57.5°	4144.1	4182.9	4227.3	4363.1	4625.4	4866.5	4625.4	4394.5	4196.8	4149.7
60°	4654.1	4702.1	4744.6	4945.1	5334.9	5673.9	5327.5	4960.8	4699.3	4635.6
62.5°	5201.9	5263.8	5293.3	5516.0	5970.5	6375.1	5976.9	5532.6	5242.5	5174.2
65°	5727.5	5778.3	5811.6	6049.0	6483.2	6888.7	6512.7	6074.9	5776.5	5686.9
67.5°	5972.3	6000.0	6081.3	6350.1	6808.3	7271.2	6885.9	6378.8	6045.3	5888.3
70°	5613.9	5557.5	5753.4	6183.9	6847.1	7505.8	6935.8	6170.9	5762.6	5507.6
72.5°	4338.1	4241.1	4581.1	5317.3	6403.7	7356.2	6448.1	5358.9	4792.6	4275.3
75°	2360.3	2250.4	2719.6	3650.8	5106.7	6376.0	5224.0	3755.2	3028.2	2342.7
77.5°	666.1	624.5	1003.2	1766.3	3071.6	4476.7	3189.9	1805.1	1189.8	705.8
80°	204.2	197.7	267.9	532.1	1304.4	2144.1	1253.6	538.6	340.9	215.2
82.5°	121.0	110.9	133.0	194.0	332.6	673.4	323.3	202.3	162.6	109.0
85°	69.3	64.7	78.5	94.2	111.8	143.2	93.3	96.1	86.8	58.2
87.5°	28.6	25.9	30.5	29.6	25.9	33.3	24.9	29.6	35.1	23.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1621.3
1615.7
1595.4
1573.2
1563.1
1563.1
1569.5
1581.5
1593.5
1599.1
1604.6
1618.5
1649.9
1698.9
1777.4
1886.4
2022.2
2194.9
2399.1
2631.9
2911.8
3250.8
3656.4
4116.4
4580.2
5118.7
5642.5
5890.1
5568.6
4403.7
2495.2
784.3
227.3
118.2
61.0
21.2
0.0

OF REPORT)