

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: P1063311

Luminaire Tested: **GLAN-SA4C-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063311
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4C-722-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16408 lumens
Efficiency: N/A
Efficacy: 86.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

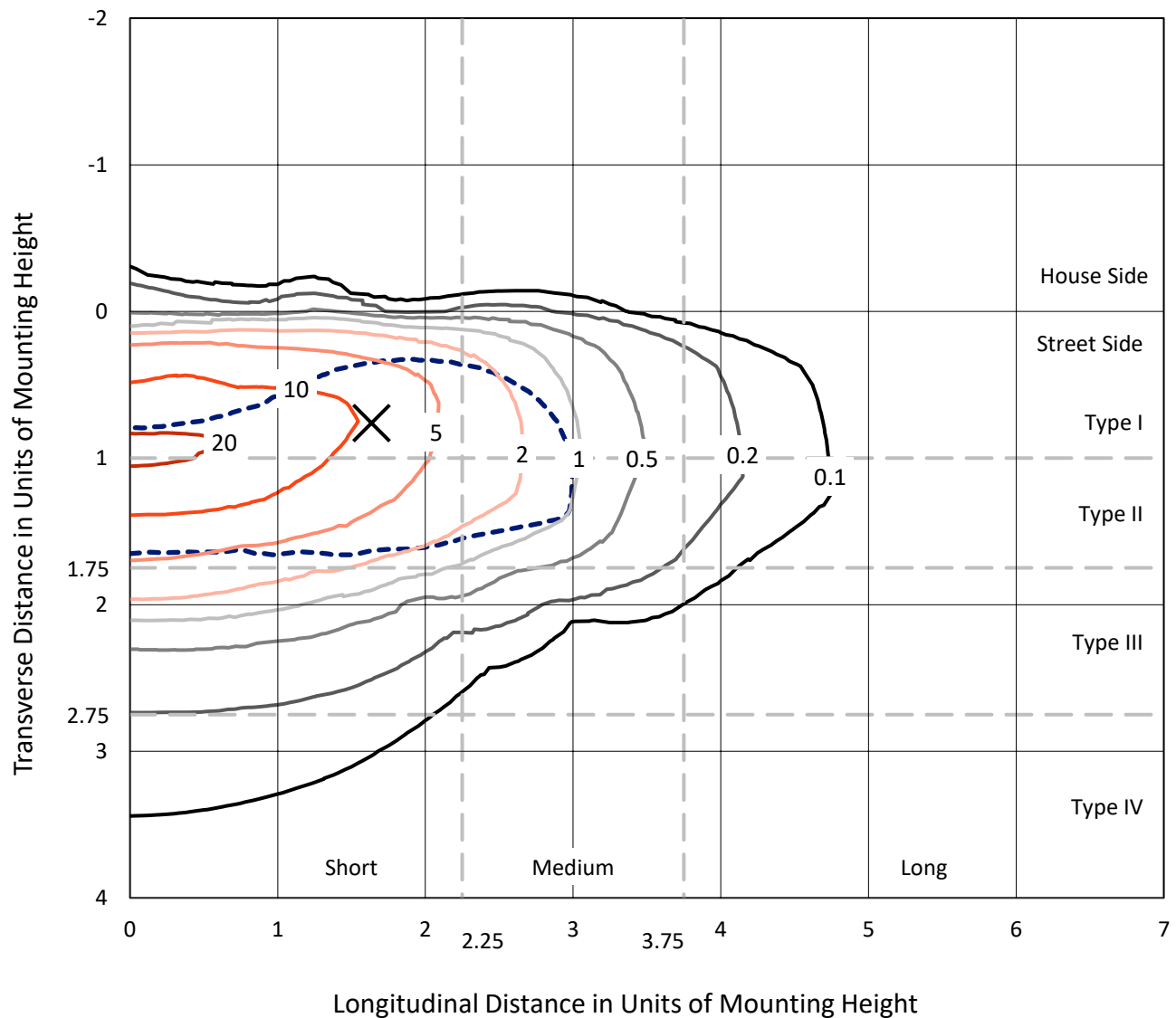


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

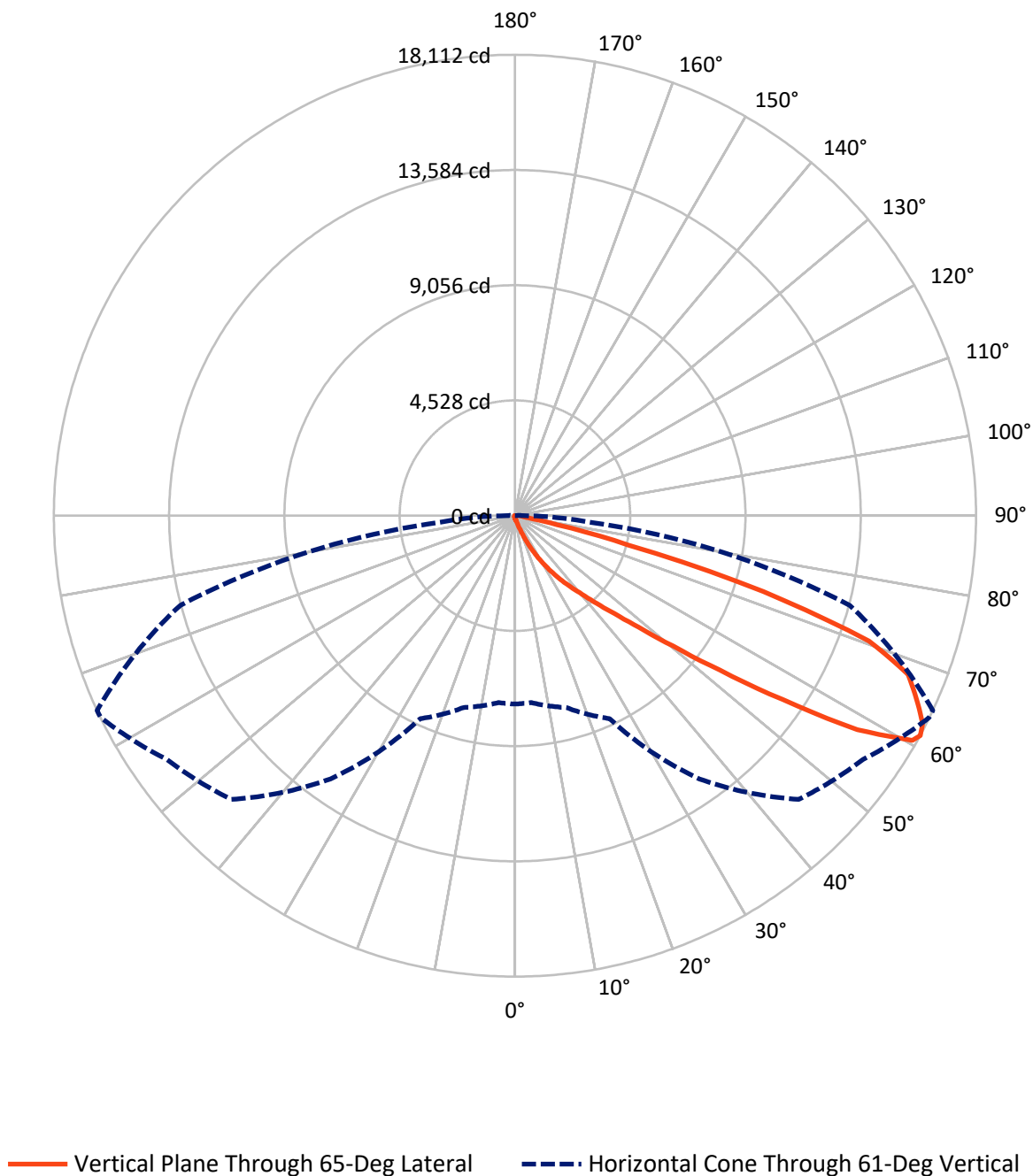


Based on 15 foot mounting height. Maximum calculated value = 21.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	70.0	0.0	70.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16337.9	0.0	16337.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	16408.0	0.0	16408.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.8	0.1
10°-20°	134.9	0.8
20°-30°	484.2	3.0
30°-40°	1289.2	7.9
40°-50°	3386.7	20.6
50°-60°	5246.6	32.0
60°-70°	4399.2	26.8
70°-80°	1294.6	7.9
80°-90°	159.7	1.0
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°-90°	16408.0	100.0
0°-180°	16408.0	100.0



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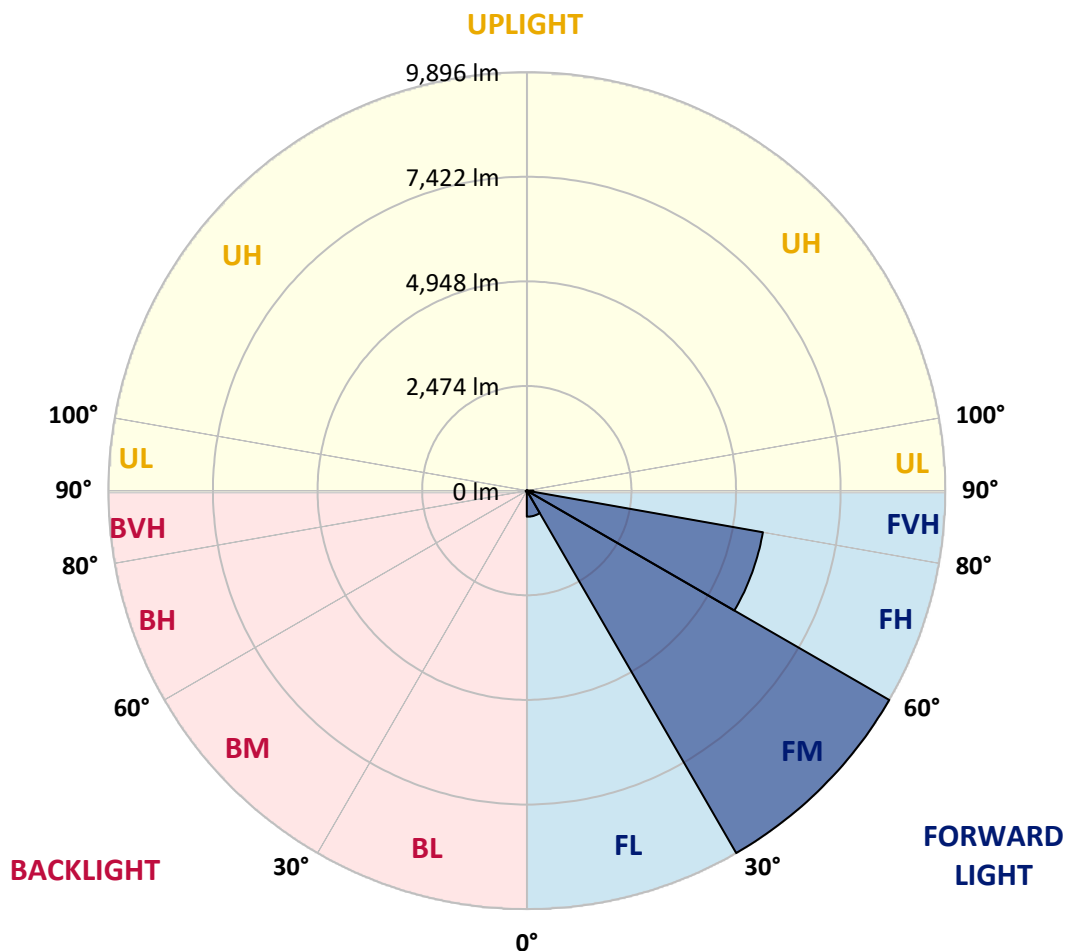
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	616.2	3.8			
FM	(30°-60°)	9895.9	60.3			
FH	(60°-80°)	5669.1	34.6			G3/7500
FVH	(80°-90°)	156.7	1.0			G2/225
BL	(0°-30°)	15.7	0.1	B0/110		
BM	(30°-60°)	26.7	0.2	B0/220		
BH	(60°-80°)	24.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
2.5°	121.9	123.0	120.8	116.3	112.9	112.9	111.7	108.4	108.4	105.0	102.7
5°	170.4	168.2	163.7	154.6	146.7	138.8	130.9	123.0	121.9	111.7	105.0
7.5°	278.8	281.0	266.4	238.2	214.5	184.0	155.8	138.8	136.6	119.6	106.1
10°	611.8	594.8	561.0	451.5	371.3	279.9	207.7	161.4	159.1	128.7	108.4
12.5°	1115.1	1101.6	1039.5	926.7	720.1	501.1	303.6	199.8	193.0	136.6	109.5
15°	1607.3	1585.8	1552.0	1438.0	1196.4	898.4	496.6	273.1	255.1	147.9	108.4
17.5°	1921.0	1924.4	1893.9	1845.4	1689.7	1329.6	857.8	407.5	372.5	168.2	106.1
20°	2195.3	2187.4	2204.3	2178.4	2068.9	1807.0	1248.3	645.6	585.8	200.9	107.2
22.5°	2511.3	2530.5	2542.9	2537.3	2416.5	2193.1	1691.9	966.2	890.5	260.7	110.6
25°	2934.6	2932.3	2933.5	2918.8	2801.4	2553.1	2136.6	1364.6	1287.8	357.8	118.5
27.5°	3378.2	3391.7	3397.4	3344.3	3190.8	2947.0	2548.6	1800.3	1710.0	513.6	128.7
30°	3984.3	3973.0	3947.0	3838.7	3652.5	3350.0	2954.9	2257.4	2162.6	731.4	144.5
32.5°	4801.5	4789.0	4658.1	4418.8	4140.0	3769.8	3363.5	2715.6	2600.5	1003.4	165.9
35°	6148.0	6167.2	5845.5	5225.9	4725.8	4274.4	3816.1	3171.6	3070.0	1338.6	195.3
37.5°	8210.1	8105.1	7668.3	6573.5	5496.7	4904.2	4248.4	3632.1	3544.1	1751.7	233.6
40°	10213.5	10109.7	9983.3	8946.0	6836.5	5598.3	4853.4	4172.8	4058.8	2217.9	290.1
42.5°	12319.7	12262.1	12256.5	11474.3	9281.2	6689.8	5581.4	4806.0	4708.9	2729.2	382.6
45°	13811.8	13754.3	13875.0	14011.6	12610.9	9028.4	6848.9	5628.8	5487.7	3350.0	530.5
47.5°	14012.7	14015.0	14337.8	14765.6	15085.0	12645.9	8537.4	6719.1	6547.6	4238.2	778.8
50°	13344.5	13370.5	13884.1	14649.3	15509.4	15680.9	11514.9	8301.5	8047.6	5291.3	1131.0
52.5°	12072.5	12101.9	12817.4	14075.9	15118.9	16410.1	15020.7	10371.6	10079.2	6605.1	1627.6
55°	10926.9	10944.9	11765.5	13355.8	14648.2	16013.9	17102.0	13135.7	12752.0	8221.4	2117.4
57.5°	9792.5	9750.8	10284.7	12105.2	14568.0	15527.4	17409.0	16285.9	15862.7	9987.8	2498.9
60°	8275.6	8205.6	8634.5	9792.5	13513.8	15846.9	16834.5	18028.6	17932.7	12447.2	2793.5
61°	7403.1	7373.8	7804.9	8798.2	12626.7	15765.6	16696.8	18102.0	18112.1	13610.9	2925.6
62.5°	5286.8	5370.3	6029.5	7320.7	10575.9	15238.5	16714.8	17875.1	17975.6	15157.2	3267.6
65°	2349.9	2484.3	2996.7	4047.5	6150.3	12676.4	16554.5	17377.4	17327.7	15581.6	4445.9
67.5°	1393.9	1414.3	1669.3	2293.5	3257.4	6818.4	14608.7	16719.3	16652.7	13564.6	5531.7
70°	1098.2	1108.4	1189.6	1439.1	1890.6	2611.8	8337.7	14465.3	14755.4	10999.1	5415.5
72.5°	1041.8	1039.5	1050.8	1094.8	1190.8	1295.7	3228.1	9615.3	10205.6	7921.2	4540.7
75°	1028.2	1023.7	1012.4	995.5	862.3	763.0	1000.0	4252.9	4594.9	5412.1	3418.8
77.5°	997.8	998.9	1001.2	954.9	739.3	539.5	484.2	1364.6	1678.4	3434.6	2430.1
80°	675.0	685.1	702.0	684.0	664.8	390.5	342.0	485.3	492.1	1927.8	1605.0
82.5°	342.0	342.0	334.1	298.0	257.3	254.0	272.0	352.2	356.7	975.2	755.1
85°	206.6	217.8	222.4	202.0	185.1	170.4	207.7	279.9	290.1	378.1	176.1
87.5°	46.3	47.4	51.9	68.9	100.5	136.6	193.0	256.2	260.7	242.7	21.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
2.5°	101.6	99.3	98.2	94.8	91.4	88.0	85.8	84.7	85.8	86.9	86.9
5°	100.5	97.1	91.4	85.8	81.3	76.8	72.2	71.1	71.1	72.2	72.2
7.5°	100.5	94.8	86.9	80.1	73.4	66.6	63.2	60.9	62.1	62.1	62.1
10°	100.5	93.7	83.5	73.4	65.5	57.6	51.9	49.7	49.7	49.7	49.7
12.5°	99.3	92.6	80.1	67.7	56.4	47.4	40.6	37.2	38.4	38.4	38.4
15°	97.1	89.2	75.6	57.6	45.1	36.1	29.3	26.0	27.1	29.3	30.5
17.5°	93.7	85.8	67.7	48.5	36.1	27.1	20.3	18.1	19.2	22.6	22.6
20°	92.6	82.4	59.8	39.5	27.1	19.2	13.5	11.3	12.4	16.9	18.1
22.5°	92.6	80.1	54.2	32.7	20.3	12.4	7.9	4.5	4.5	7.9	7.9
25°	93.7	79.0	49.7	27.1	14.7	9.0	4.5	2.3	4.5	12.4	14.7
27.5°	95.9	77.9	47.4	22.6	11.3	7.9	3.4	7.9	13.5	13.5	13.5
30°	98.2	75.6	44.0	19.2	10.2	5.6	5.6	11.3	11.3	13.5	14.7
32.5°	101.6	74.5	41.8	16.9	7.9	4.5	7.9	6.8	6.8	7.9	9.0
35°	108.4	75.6	39.5	16.9	7.9	5.6	6.8	3.4	2.3	2.3	2.3
37.5°	117.4	76.8	36.1	14.7	6.8	6.8	3.4	0.0	0.0	0.0	0.0
40°	132.1	80.1	33.9	13.5	5.6	5.6	1.1	0.0	0.0	0.0	0.0
42.5°	156.9	86.9	32.7	12.4	5.6	4.5	0.0	0.0	0.0	0.0	0.0
45°	206.6	102.7	30.5	11.3	5.6	2.3	0.0	0.0	0.0	0.0	0.0
47.5°	296.8	140.0	29.3	9.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	433.4	189.6	28.2	7.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	553.1	199.8	19.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	566.6	137.7	14.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	451.5	89.2	12.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	342.0	67.7	11.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	328.4	60.9	11.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	362.3	53.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	589.2	44.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1023.7	38.4	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1293.5	36.1	6.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1127.6	32.7	6.8	2.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	678.3	28.2	6.8	4.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	355.5	21.4	6.8	5.6	3.4	1.1	0.0	0.0	0.0	0.0	0.0
80°	172.7	19.2	7.9	5.6	4.5	2.3	0.0	0.0	0.0	0.0	0.0
82.5°	67.7	15.8	9.0	7.9	5.6	3.4	1.1	0.0	0.0	0.0	0.0
85°	30.5	13.5	10.2	9.0	7.9	4.5	1.1	0.0	0.0	0.0	0.0
87.5°	15.8	12.4	11.3	10.2	7.9	5.6	2.3	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 0.8

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.21

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE\ R_a = 71.9$
 $R_g = -17.8$

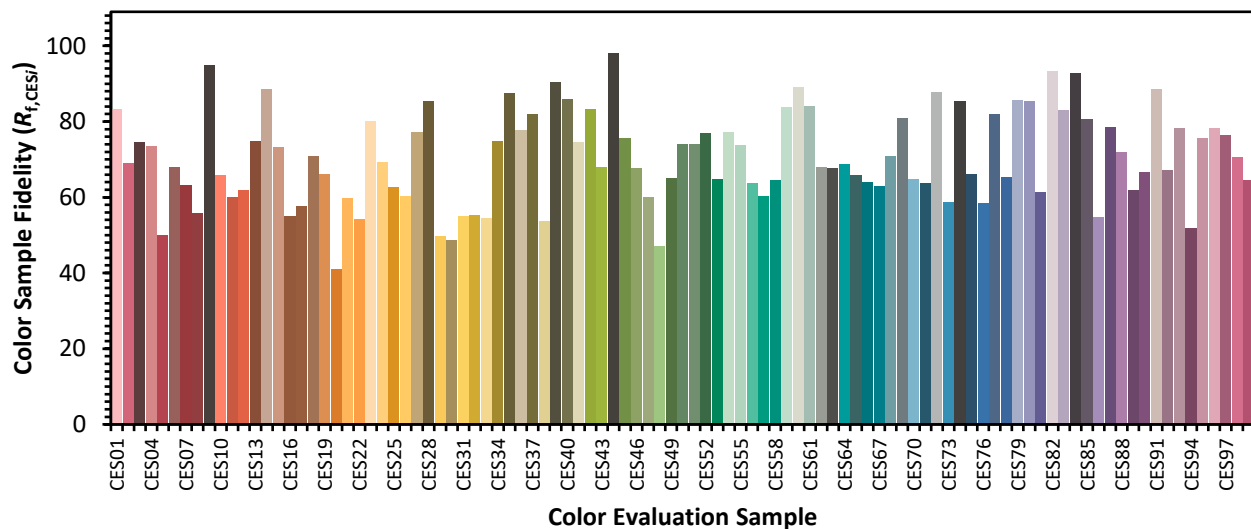


Color Vector Graphics



Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)