

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

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Peachtree City, GA 30269

Scaled data based on original data using  
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1458230

Luminaire Tested: GLAN-SB7D-735-U-T3LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458230  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB7D-735-U-T3LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square  
PACKAGE 70CRI 3500K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (182) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

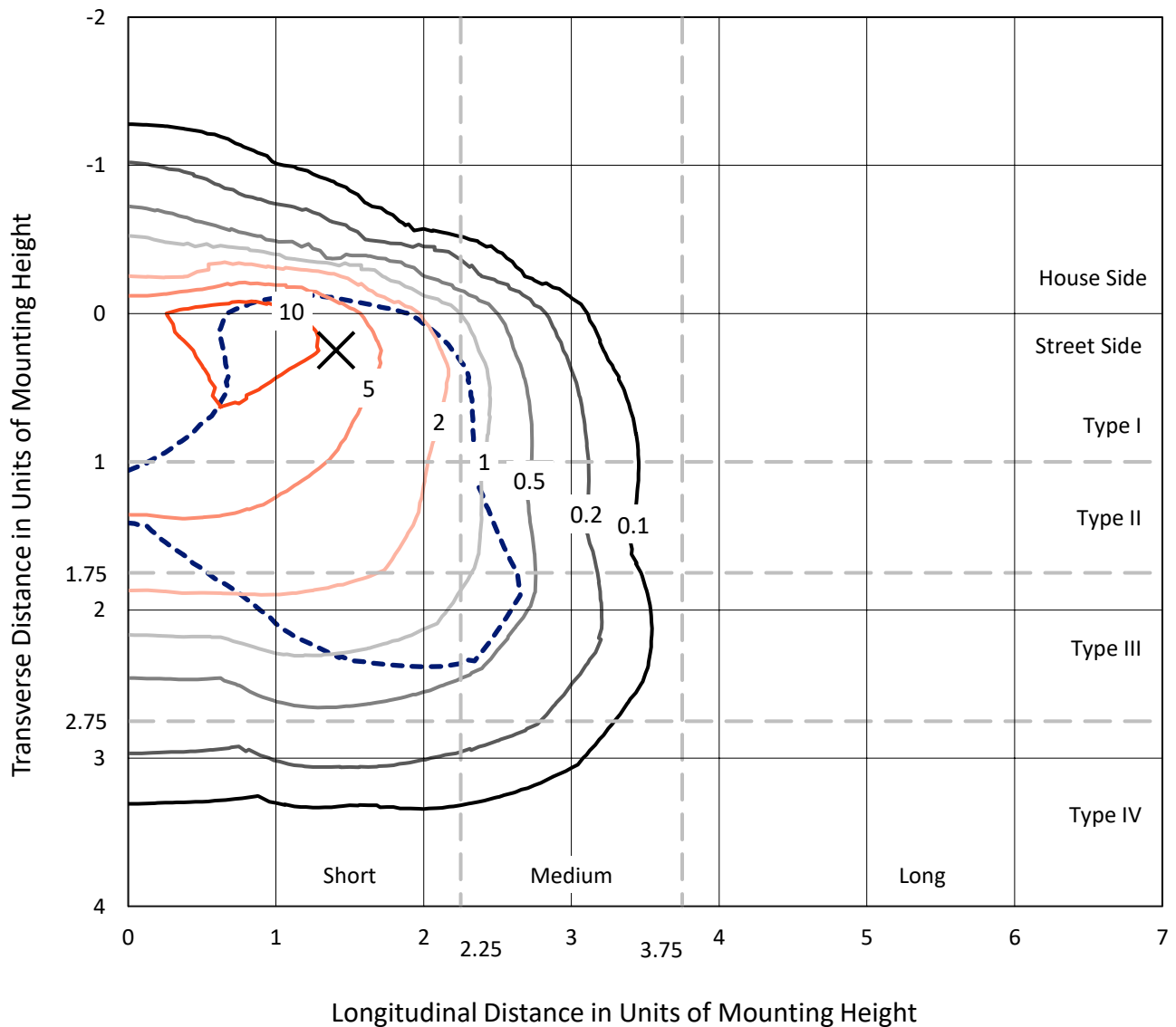
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 55300.4 lumens  
Efficiency: N/A  
Efficacy: 107.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 512.8  
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

REPORT NUMBER: P1458230  
 CATALOG NUMBER: GLAN-SB7D-735-U-T3LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

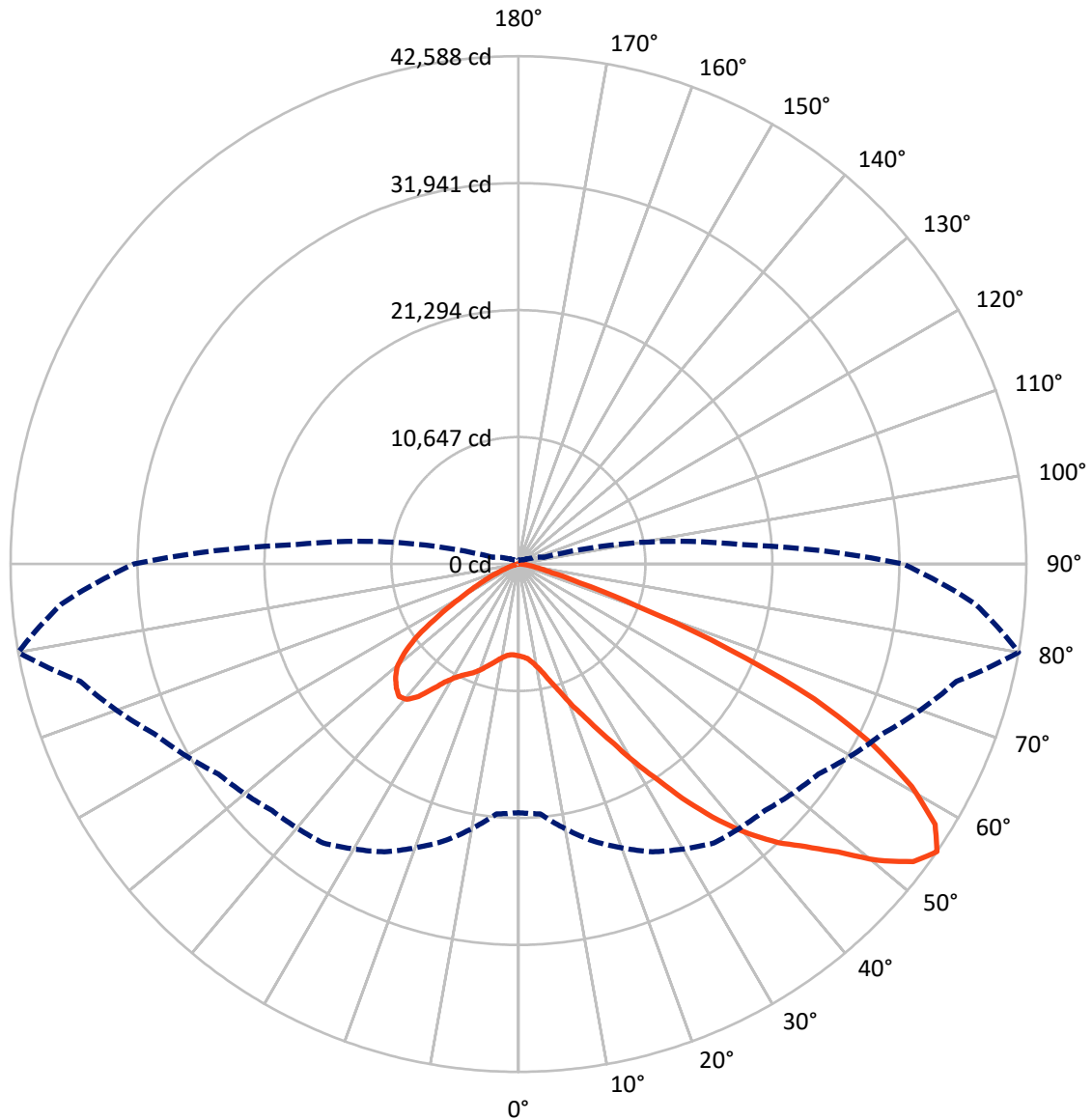
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 15.2 fc  
 Type III - Short - N/A

REPORT NUMBER: P1458230  
CATALOG NUMBER: GLAN-SB7D-735-U-T3LG-HSS

### Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P1458230

CATALOG NUMBER: GLAN-SB7D-735-U-T3LG-HSS

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6722.4	0.0	6722.4
	% Fixture	12.2	0.0	12.2
<b>Street Side</b>	Lumens	48578.1	0.0	48578.1
	% Fixture	87.8	0.0	87.8
<b>Total</b>	Lumens	55300.4	0.0	55300.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	646.5	1.2
10°-20°	1704.3	3.1
20°-30°	3336.5	6.0
30°-40°	6788.0	12.3
40°-50°	11443.5	20.7
50°-60°	14621.3	26.4
60°-70°	12483.2	22.6
70°-80°	3989.1	7.2
80°-90°	288.0	0.5
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°	55300.4	100.0
0°-180°	55300.4	100.0



REPORT NUMBER: P1458230

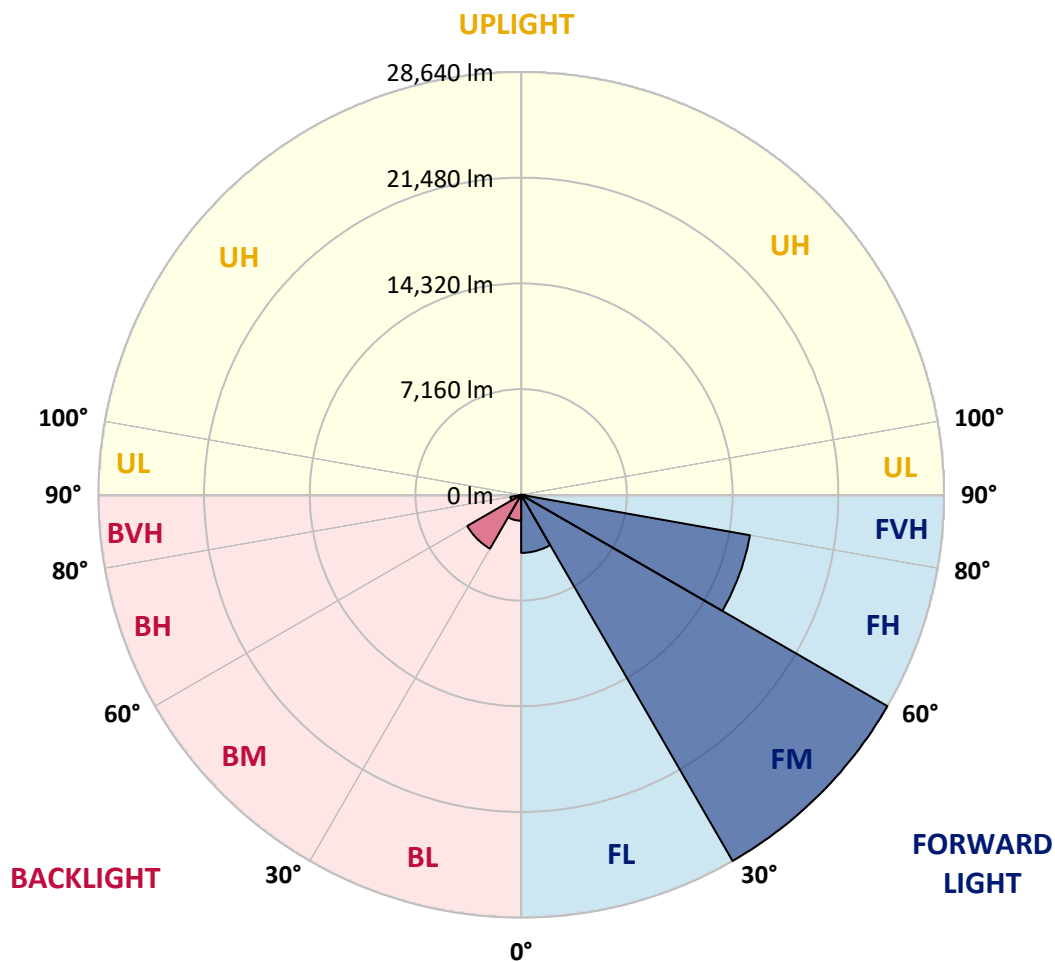
CATALOG NUMBER: GLAN-SB7D-735-U-T3LG-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3932.0	7.1			
FM	(30°-60°)	28639.7	51.8			
FH	(60°-80°)	15733.4	28.5			G5
FVH	(80°-90°)	273.0	0.5			G3/500
BL	(0°-30°)	1755.4	3.2	B3/2500		
BM	(30°-60°)	4213.1	7.6	B3/5000		
BH	(60°-80°)	738.9	1.3	B2/1000		G2/1000
BVH	(80°-90°)	15.0	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3
2.5°	7750.4	7766.1	7750.4	7766.1	7797.6	7781.9	7844.8	7829.0	7829.0	7813.3	7750.4
5°	7310.2	7326.0	7357.4	7436.0	7546.1	7656.1	7797.6	7891.9	7986.2	7970.5	7907.6
7.5°	6445.6	6477.0	6602.8	6760.0	7121.6	7451.7	7813.3	8049.1	8253.5	8316.4	8269.2
10°	5958.2	5989.7	6068.3	6225.5	6555.6	7105.9	7813.3	8300.7	8662.2	8788.0	8803.7
12.5°	5911.1	5926.8	5989.7	6162.6	6445.6	6917.2	7797.6	8630.8	9243.9	9432.6	9495.5
15°	5942.5	5974.0	6036.8	6178.3	6508.5	7043.0	7923.4	9149.6	10014.2	10281.5	10297.2
17.5°	6068.3	6099.7	6178.3	6335.5	6697.1	7373.1	8316.4	9684.1	10941.8	11240.5	11413.4
20°	6319.8	6335.5	6429.9	6634.2	7043.0	7781.9	8898.1	10407.3	12058.0	12498.2	12623.9
22.5°	6650.0	6697.1	6822.9	7074.4	7593.2	8347.8	9699.8	11287.6	13284.2	13740.1	13960.2
25°	7011.5	7074.4	7263.1	7671.8	8332.1	9212.5	10690.2	12451.0	14730.5	15280.8	15579.5
27.5°	7750.4	7766.1	7891.9	8410.7	9259.6	10344.4	11947.9	13944.5	16428.4	17073.0	17403.1
30°	9369.7	9385.4	9275.4	9416.8	10281.5	11680.7	13425.7	15689.5	18409.2	19305.3	19572.6
32.5°	11350.5	11429.1	11413.4	11319.1	11712.1	13016.9	15186.4	17780.4	20735.9	21679.2	21930.7
35°	13598.6	13787.3	13740.1	13708.7	13755.8	14730.5	17198.7	20091.4	23377.1	24524.7	24729.1
37.5°	15799.6	15846.7	16066.8	16334.1	16365.5	17041.5	19525.4	22543.8	25829.5	27291.6	27606.0
40°	17497.4	17654.6	18204.9	18739.4	19289.6	19824.1	21443.4	24524.7	27778.9	29744.0	29885.5
42.5°	18818.0	19195.3	19997.0	20830.3	21946.4	22543.8	23267.0	25923.8	29366.7	31929.2	31866.4
45°	20421.5	20578.7	21710.6	22811.1	23943.0	24854.8	24839.1	27102.9	30608.7	33800.0	33407.0
47.5°	21506.3	21694.9	23235.6	24524.7	25688.0	26143.9	26238.3	28376.3	32322.3	36063.9	35136.3
50°	22087.9	22418.1	24100.2	25735.2	26992.9	27134.4	27558.8	30042.7	34570.4	39066.6	37321.5
52.5°	22150.8	22465.2	24398.9	26505.5	27873.2	28156.2	28879.4	31929.2	36755.6	41471.9	38579.2
55°	20846.0	21034.6	24037.3	26631.3	28565.0	29225.2	30703.0	33674.3	38029.0	42588.1	38469.2
57.5°	19619.7	19808.4	22418.1	26411.2	29272.4	30624.4	32652.4	34869.1	37038.6	41204.6	36016.7
60°	18566.4	18660.8	21034.6	25389.3	29539.7	31992.1	34334.6	33690.0	34476.0	37887.5	31819.2
62.5°	16585.6	16648.5	19462.5	23550.0	29005.2	33045.4	34916.2	31190.4	31662.0	33312.7	26882.8
65°	12529.6	12765.4	15343.6	22166.5	28124.8	33532.8	33564.2	28140.5	27653.2	27260.1	21144.7
67.5°	8505.0	8772.3	10328.7	19934.2	26694.2	33737.2	30938.8	24194.5	21066.1	19038.1	13850.2
70°	6791.5	6791.5	7326.0	16019.6	23298.4	31127.5	27684.6	18267.7	13378.5	10517.3	7420.3
72.5°	4464.7	4480.5	4983.5	10171.5	16522.7	23738.6	22575.3	10564.5	6948.7	5360.8	3663.0
75°	1619.3	1619.3	2185.2	4071.7	8740.8	14133.1	13755.8	5046.4	3773.0	2924.1	2216.7
77.5°	864.7	896.1	1053.3	1682.1	3348.6	5753.9	5376.6	2578.2	2138.0	1823.6	1383.4
80°	581.7	597.4	707.4	1037.6	1619.3	2216.7	1729.3	1446.3	1446.3	1226.2	927.5
82.5°	314.4	330.1	471.6	676.0	864.7	1037.6	833.2	848.9	1021.9	833.2	534.5
85°	220.1	220.1	361.6	487.3	487.3	503.1	361.6	534.5	597.4	518.8	361.6
87.5°	125.8	125.8	204.4	235.8	235.8	220.1	110.0	188.7	235.8	267.3	157.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1458230

CATALOG NUMBER: GLAN-SB7D-735-U-T3LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3	7703.3
2.5°	7734.7	7687.5	7593.2	7404.6	7310.2	7184.5	7074.4	6932.9	6901.5	6885.8	6822.9
5°	7860.5	7766.1	7483.2	7074.4	6728.6	6398.4	6068.3	5879.6	5722.4	5643.8	5628.1
7.5°	8174.9	7986.2	7467.5	6744.3	6099.7	5533.8	5046.4	4622.0	4401.9	4213.2	4228.9
10°	8646.5	8347.8	7498.9	6429.9	5470.9	4559.1	3851.6	3238.5	2798.3	2594.0	2578.2
12.5°	9275.4	8850.9	7608.9	6115.4	4700.6	3427.2	2531.1	2169.5	2075.2	2059.4	2043.7
15°	10045.7	9448.3	7719.0	5706.7	3663.0	2373.9	2059.4	1980.8	1965.1	1949.4	1949.4
17.5°	10973.2	10140.0	7781.9	5015.0	2672.6	2043.7	1933.7	1886.5	1870.8	1855.1	1855.1
20°	12136.6	10910.3	7860.5	4134.6	2263.8	1965.1	1839.4	1776.5	1760.7	1760.7	1745.0
22.5°	13284.2	11775.0	7797.6	3364.3	2185.2	1870.8	1729.3	1666.4	1635.0	1635.0	1619.3
25°	14604.8	12655.4	7608.9	3034.1	2169.5	1792.2	1619.3	1524.9	1477.8	1462.0	1462.0
27.5°	16114.0	13661.5	7310.2	3049.9	2169.5	1729.3	1477.8	1352.0	1320.6	1289.1	1289.1
30°	17843.3	14887.7	7090.1	3254.2	2200.9	1666.4	1352.0	1194.8	1147.6	1116.2	1131.9
32.5°	19824.1	16255.5	7074.4	3584.4	2248.1	1572.1	1210.5	1037.6	990.4	974.7	990.4
35°	22072.2	17953.3	7436.0	3835.9	2122.3	1367.7	1037.6	896.1	848.9	848.9	864.7
37.5°	24571.8	19902.7	7923.4	3773.0	1713.6	1084.7	896.1	786.0	738.9	754.6	770.3
40°	26851.4	21427.7	8002.0	3222.8	1289.1	927.5	770.3	691.7	660.3	676.0	691.7
42.5°	28580.7	22653.9	7247.4	2499.6	1084.7	786.0	660.3	597.4	581.7	613.1	613.1
45°	29979.9	23141.2	6052.6	1855.1	959.0	676.0	581.7	550.2	518.8	534.5	534.5
47.5°	31441.9	23219.8	4936.4	1493.5	848.9	613.1	534.5	503.1	471.6	471.6	471.6
50°	32856.8	23031.2	3773.0	1320.6	786.0	550.2	487.3	455.9	424.5	408.7	408.7
52.5°	33202.6	21522.0	2766.9	1226.2	723.2	518.8	455.9	424.5	393.0	377.3	377.3
55°	32243.7	18660.8	2169.5	1100.5	660.3	471.6	424.5	393.0	345.9	330.1	330.1
57.5°	29083.8	14227.5	1729.3	943.3	597.4	455.9	393.0	361.6	314.4	298.7	298.7
60°	24980.6	10092.8	1399.2	770.3	550.2	408.7	361.6	314.4	283.0	251.5	251.5
62.5°	20437.2	7247.4	1131.9	644.6	518.8	361.6	330.1	283.0	220.1	172.9	172.9
65°	15673.8	5203.6	880.4	518.8	471.6	314.4	283.0	235.8	172.9	125.8	125.8
67.5°	10140.0	3364.3	660.3	455.9	361.6	267.3	220.1	188.7	157.2	110.0	94.3
70°	5345.1	1965.1	487.3	393.0	267.3	204.4	188.7	157.2	125.8	78.6	78.6
72.5°	2766.9	1289.1	361.6	345.9	204.4	141.5	157.2	125.8	94.3	47.2	47.2
75°	1776.5	864.7	267.3	283.0	125.8	110.0	110.0	78.6	47.2	31.4	15.7
77.5°	1147.6	581.7	188.7	235.8	78.6	62.9	62.9	31.4	15.7	0.0	0.0
80°	676.0	361.6	125.8	157.2	31.4	31.4	15.7	0.0	0.0	0.0	0.0
82.5°	345.9	188.7	62.9	62.9	15.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	220.1	94.3	15.7	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	110.0	31.4	15.7	0.0	0.0	0.0	0.0	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-5  
 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-735-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3369  
 CIE u': 0.2386  
 CIE v': 0.5156  
 Duv: 0.0013  
 CIE x: 0.4143  
 CIE y: 0.3980  
 CIE z: 0.1877  
 Peak Wavelength (nm): 590  
 Dominant Wavelength (nm): 580  
 Purity: 43.80166  
 Rf: 71.4  
 Rg: 96

CRI (Ra):	70.1		
R1:	66.6	R9:	-40.2
R2:	77.6	R10:	49.1
R3:	88.5	R11:	66.3
R4:	69.5	R12:	45.7
R5:	66.4	R13:	68.0
R6:	69.6	R14:	93.4
R7:	77.5	R15:	57.6
R8:	44.9		



**Test Conditions**

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

REPORT NUMBER: SP1-2407-184-5

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

REPORT NUMBER: SP1-2407-184-5

**CIE 1931 Chromaticity Diagram**



**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.29**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

**Summary**

$R_f = 71.4$   
 $R_g = 96$   
 $CIE R_a = 70.1$   
 $R_9 = -40.2$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)