

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: LUMARK

Report Number: P1067283

Luminaire Tested: **NAV-SA4C-750-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067283
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4C-750-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21636.4 lumens
Efficiency: N/A
Efficacy: 113.6 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

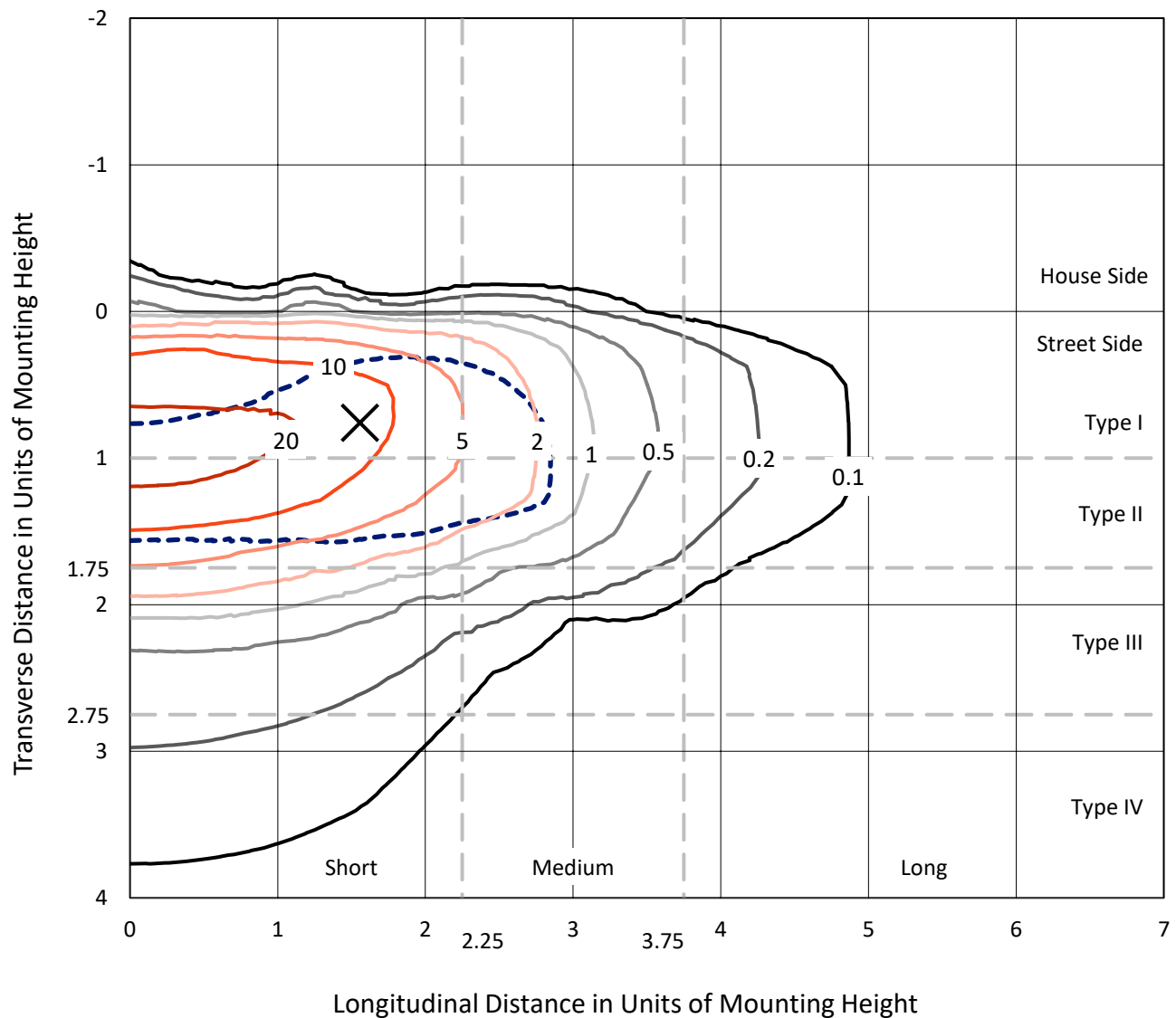


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

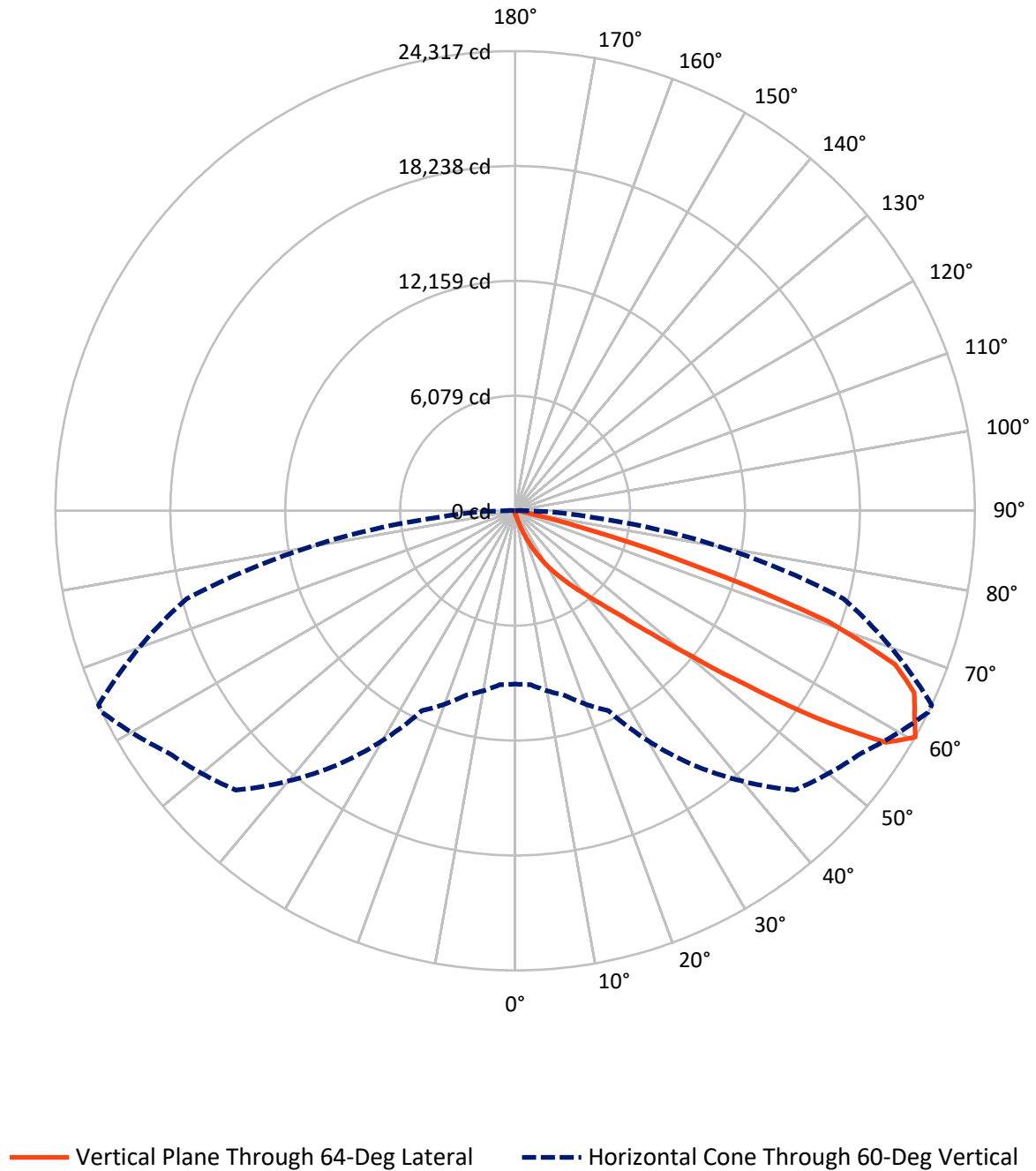


Based on 15 foot mounting height. Maximum calculated value = 31 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA4C-750-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.7	0.0	87.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21548.7	0.0	21548.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	21636.4	0.0	21636.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.5	0.1
10°-20°	212.6	1.0
20°-30°	706.2	3.3
30°-40°	1884.2	8.7
40°-50°	4789.3	22.1
50°-60°	6981.7	32.3
60°-70°	5392.7	24.9
70°-80°	1480.9	6.8
80°-90°	167.2	0.8
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°	21636.4	100.0
0°-180°	21636.4	100.0



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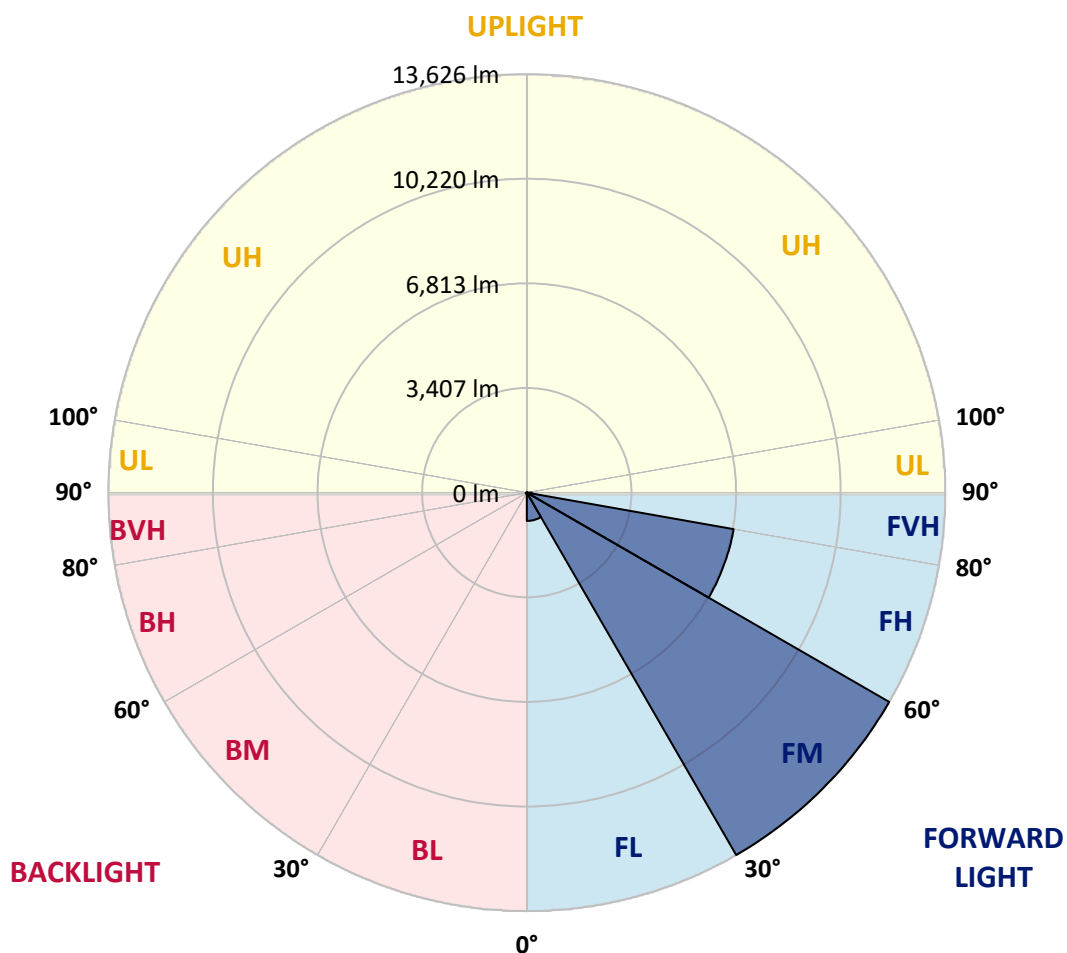
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	920.6	4.3			
FM	(30°-60°)	13626.2	63.0			
FH	(60°-80°)	6838.7	31.6			G3/7500
FVH	(80°-90°)	163.2	0.8			G2/225
BL	(0°-30°)	19.7	0.1	B0/110		
BM	(30°-60°)	29.1	0.1	B0/220		
BH	(60°-80°)	35.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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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CATALOG NUMBER: NAV-SA4C-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9
2.5°	190.6	190.6	190.6	184.6	178.7	178.7	172.7	166.8	166.8	154.8	148.9
5°	291.8	291.8	279.9	268.0	250.1	226.3	202.5	184.6	184.6	166.8	154.8
7.5°	571.7	589.6	536.0	470.5	381.2	321.6	256.1	214.4	208.5	178.7	154.8
10°	1238.8	1226.9	1143.5	982.7	774.2	559.8	357.3	262.1	250.1	190.6	154.8
12.5°	1864.1	1882.0	1792.7	1614.0	1363.9	994.6	613.4	339.5	327.6	208.5	154.8
15°	2400.2	2400.2	2340.6	2251.3	1977.3	1590.2	988.6	506.2	464.5	226.3	148.9
17.5°	2769.4	2763.5	2739.6	2715.8	2555.0	2156.0	1512.8	810.0	714.7	268.0	148.9
20°	3186.3	3168.4	3198.2	3150.6	3025.5	2709.9	2066.6	1203.1	1113.7	339.5	148.9
22.5°	3621.1	3638.9	3662.8	3615.1	3478.1	3204.2	2650.3	1709.3	1614.0	470.5	154.8
25°	4175.0	4163.0	4216.7	4175.0	4002.2	3680.6	3198.2	2263.2	2126.2	655.1	166.8
27.5°	4853.9	4830.1	4865.8	4758.6	4532.3	4204.7	3686.6	2829.0	2668.2	941.0	190.6
30°	5753.2	5771.1	5610.3	5485.2	5163.6	4728.8	4228.6	3436.5	3269.7	1280.5	214.4
32.5°	7170.7	7045.6	6795.5	6289.2	5866.4	5312.5	4770.5	3966.5	3817.6	1715.2	250.1
35°	9380.3	9404.1	8856.2	7605.5	6688.3	6045.1	5366.1	4550.2	4443.0	2209.6	297.8
37.5°	12072.2	12006.7	11524.3	9946.1	7891.3	6956.3	6045.1	5187.4	5032.6	2745.6	357.3
40°	15121.6	14847.6	14567.7	13495.7	10398.7	8099.8	6902.7	5925.9	5806.8	3365.0	452.6
42.5°	17563.4	17492.0	17539.6	17092.9	14579.6	10047.3	8040.2	6831.2	6688.3	4133.3	619.4
45°	18766.5	18665.2	18951.1	19284.6	18641.4	14192.5	9874.6	7986.6	7796.0	5038.5	875.5
47.5°	18444.9	18373.4	18986.8	19642.0	20499.6	18998.8	12870.3	9713.8	9386.2	6199.9	1256.7
50°	16860.6	16866.6	17873.1	19094.0	20451.9	21434.6	17307.3	12078.2	11667.3	7742.4	1852.2
52.5°	15318.1	15365.8	16431.8	18212.6	19743.2	21720.5	21202.4	15264.5	14597.5	9558.9	2555.0
55°	13733.9	13757.7	14698.7	17206.1	19409.7	20868.8	23203.5	19368.0	18659.3	11822.1	3239.9
57.5°	12209.2	12209.2	12560.6	14788.1	19046.4	20791.4	22965.3	23120.1	22542.4	14406.9	3746.1
60°	9171.8	9231.4	10106.9	11667.3	16425.9	20904.6	22357.8	24317.2	24317.2	17992.2	4133.3
62.5°	4633.6	4722.9	5812.8	7331.5	11268.2	19344.2	22453.1	23715.7	23811.0	21154.7	5014.7
65°	2173.8	2275.1	2858.7	3930.8	6062.9	13614.8	21464.4	23203.5	23173.7	20553.2	6872.9
67.5°	1560.4	1590.2	1786.7	2293.0	3263.7	5967.6	16384.2	21672.9	21684.8	17462.2	7903.2
70°	1399.6	1399.6	1447.2	1596.1	1965.4	2668.2	7962.8	17551.5	18403.2	13483.8	7325.5
72.5°	1381.7	1369.8	1357.9	1363.9	1328.1	1340.0	2733.7	9910.3	11125.3	9433.9	5842.6
75°	1346.0	1346.0	1334.1	1292.4	1060.1	863.6	941.0	4008.2	4633.6	6301.2	4335.8
77.5°	1066.1	1173.3	1298.3	1220.9	970.8	649.2	547.9	1161.4	1465.1	3865.3	3144.6
80°	494.3	500.3	494.3	518.1	619.4	464.5	405.0	565.8	571.7	2144.1	1947.5
82.5°	357.3	363.3	345.4	309.7	274.0	250.1	333.5	416.9	446.7	982.7	726.6
85°	107.2	101.2	119.1	160.8	190.6	220.4	279.9	351.4	369.3	363.3	107.2
87.5°	47.6	47.6	59.6	83.4	113.2	166.8	244.2	321.6	327.6	375.2	29.8
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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CATALOG NUMBER: NAV-SA4C-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9
2.5°	148.9	142.9	137.0	131.0	125.1	119.1	113.2	113.2	119.1	119.1	119.1
5°	142.9	137.0	125.1	113.2	107.2	101.2	95.3	95.3	101.2	101.2	101.2
7.5°	142.9	131.0	119.1	107.2	95.3	89.3	83.4	83.4	83.4	89.3	89.3
10°	142.9	131.0	113.2	95.3	83.4	77.4	71.5	65.5	71.5	71.5	71.5
12.5°	137.0	125.1	107.2	89.3	71.5	59.6	53.6	53.6	53.6	53.6	53.6
15°	131.0	119.1	101.2	77.4	59.6	47.6	35.7	35.7	35.7	41.7	41.7
17.5°	125.1	113.2	89.3	59.6	41.7	29.8	23.8	23.8	23.8	29.8	29.8
20°	125.1	107.2	77.4	47.6	29.8	17.9	11.9	11.9	11.9	17.9	23.8
22.5°	125.1	107.2	71.5	35.7	17.9	11.9	6.0	6.0	6.0	6.0	6.0
25°	125.1	101.2	65.5	29.8	11.9	6.0	0.0	0.0	6.0	11.9	17.9
27.5°	125.1	95.3	53.6	17.9	11.9	6.0	0.0	6.0	11.9	11.9	11.9
30°	125.1	95.3	47.6	17.9	6.0	0.0	0.0	6.0	11.9	11.9	17.9
32.5°	131.0	89.3	41.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	137.0	83.4	35.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	148.9	83.4	23.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	166.8	89.3	23.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	208.5	95.3	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	291.8	119.1	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	428.8	178.7	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	625.4	244.2	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	768.3	244.2	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	762.3	154.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	583.7	107.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	494.3	77.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	595.6	59.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1060.1	53.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1703.3	53.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1905.8	53.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1488.9	47.6	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	815.9	41.7	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	410.9	29.8	11.9	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	172.7	23.8	11.9	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	59.6	23.8	11.9	11.9	6.0	6.0	0.0	0.0	0.0	0.0	0.0
85°	29.8	17.9	17.9	11.9	11.9	6.0	6.0	0.0	0.0	0.0	0.0
87.5°	17.9	17.9	17.9	11.9	11.9	6.0	6.0	0.0	0.0	0.0	6.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



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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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.7

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $CIE R_a = 70.2$
 $R_g = -35.1$



Color Vector Graphics



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

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)