

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: P1067244

Luminaire Tested: **NAV-SA6D-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067244
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6D-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 6xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32778.5 lumens
Efficiency: N/A
Efficacy: 102.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 320.4
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



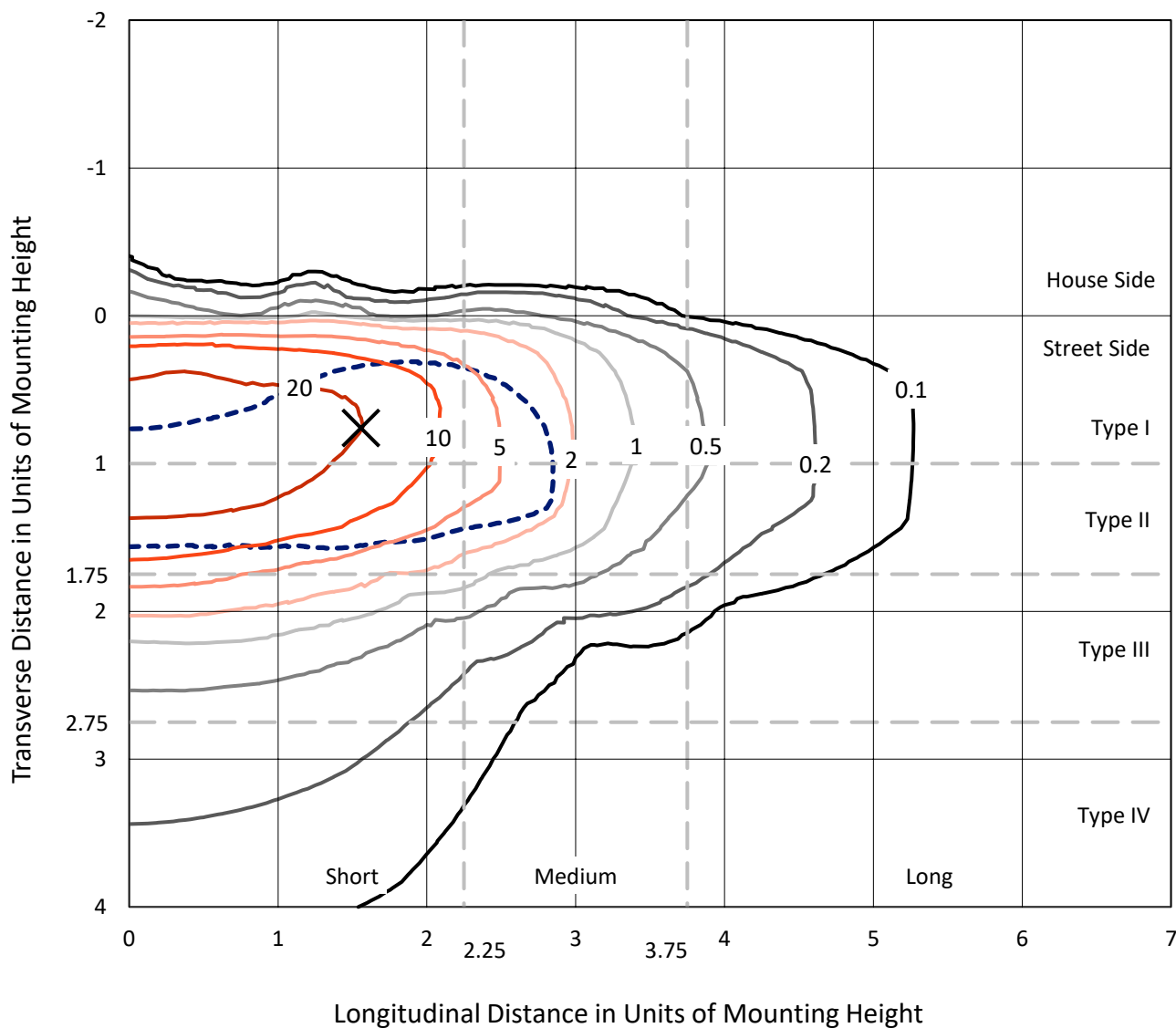
REPORT NUMBER: P1067244

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

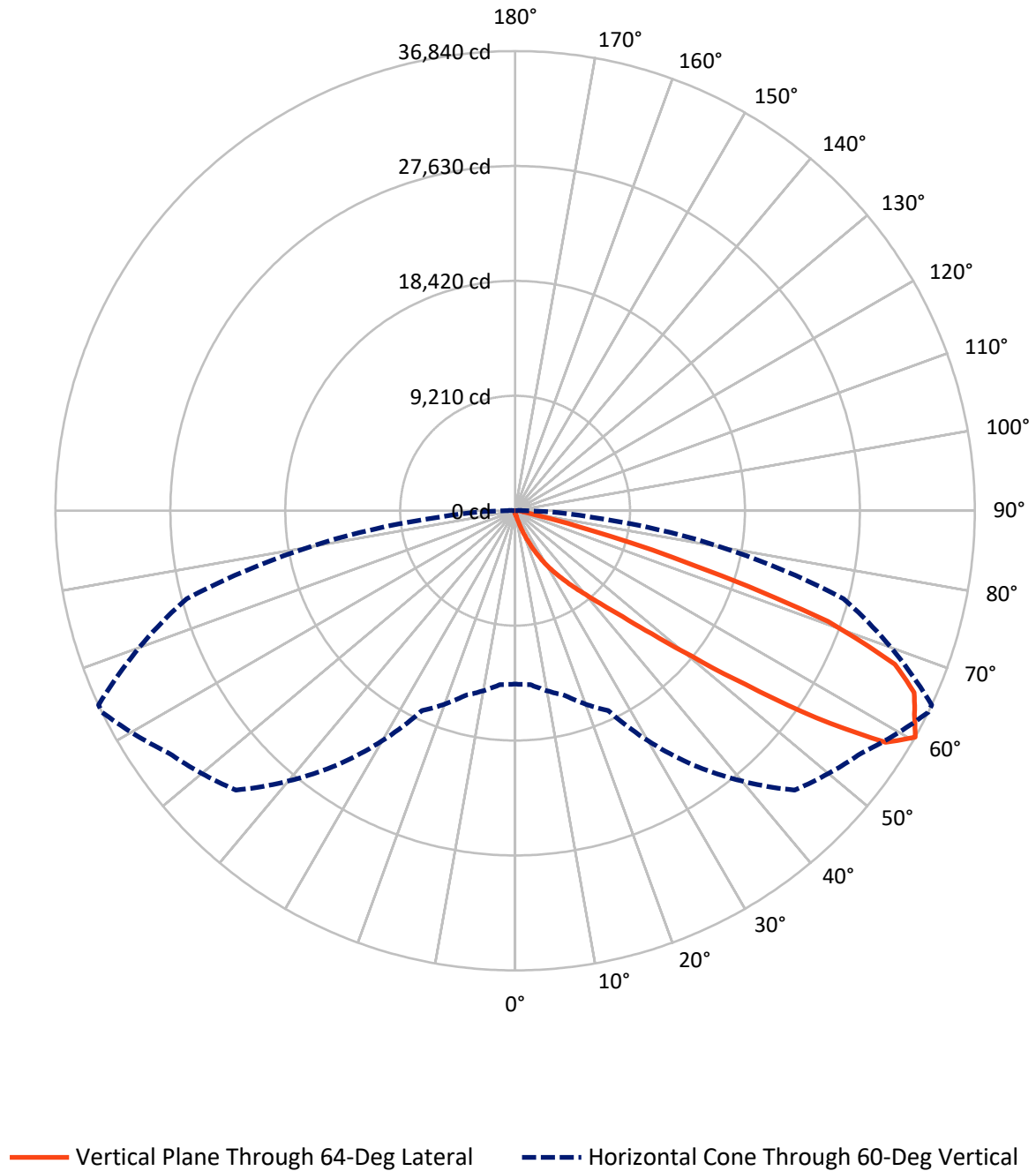


Based on 15 foot mounting height. Maximum calculated value = 47 fc
 Type II - Short - N/A

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CATALOG NUMBER: NAV-SA6D-730-U-T2BC

Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA6D-730-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	132.9	0.0	132.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32645.6	0.0	32645.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	32778.5	0.0	32778.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.6	0.1
10°-20°	322.1	1.0
20°-30°	1069.8	3.3
30°-40°	2854.6	8.7
40°-50°	7255.6	22.1
50°-60°	10577.1	32.3
60°-70°	8169.8	24.9
70°-80°	2243.6	6.8
80°-90°	253.3	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°	32778.5	100.0
0°-180°	32778.5	100.0



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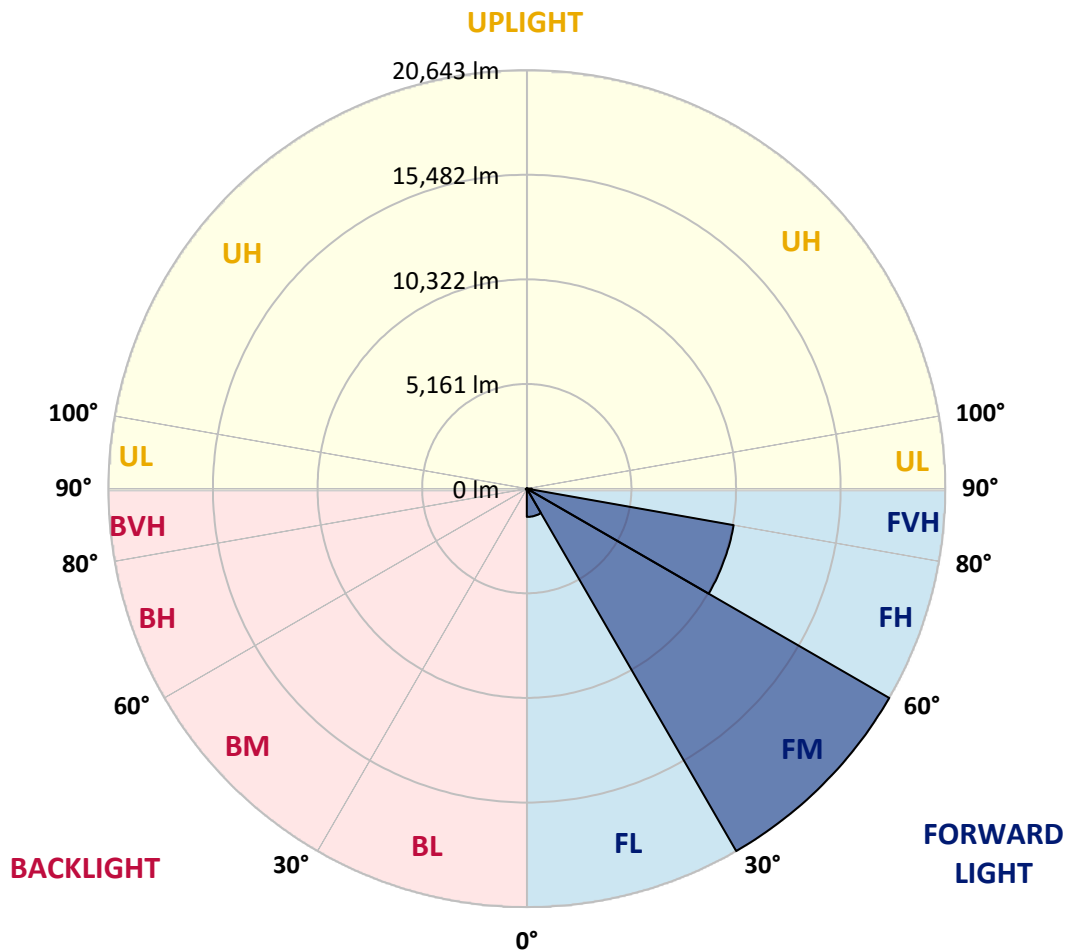
CATALOG NUMBER: NAV-SA6D-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1394.7	4.3			
FM	(30°-60°)	20643.3	63.0			
FH	(60°-80°)	10360.4	31.6			G4/12000
FVH	(80°-90°)	247.3	0.8			G3/500
BL	(0°-30°)	29.8	0.1	B0/110		
BM	(30°-60°)	44.0	0.1	B0/220		
BH	(60°-80°)	53.0	0.2	B0/110		G0/110
BVH	(80°-90°)	6.0	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-G4

Type II Short



REPORT NUMBER: P1067244

CATALOG NUMBER: NAV-SA6D-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	216.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5
2.5°	288.7	288.7	288.7	279.7	270.7	270.7	261.7	252.6	252.6	234.6	225.6
5°	442.1	442.1	424.1	406.0	379.0	342.9	306.8	279.7	279.7	252.6	234.6
7.5°	866.2	893.3	812.0	712.8	577.5	487.2	388.0	324.8	315.8	270.7	234.6
10°	1876.7	1858.7	1732.4	1488.8	1173.0	848.1	541.4	397.0	379.0	288.7	234.6
12.5°	2824.1	2851.2	2715.8	2445.2	2066.2	1506.8	929.3	514.3	496.3	315.8	234.6
15°	3636.2	3636.2	3545.9	3410.6	2995.6	2409.1	1497.8	766.9	703.8	342.9	225.6
17.5°	4195.6	4186.6	4150.5	4114.4	3870.8	3266.2	2291.8	1227.1	1082.7	406.0	225.6
20°	4827.2	4800.1	4845.2	4773.0	4583.6	4105.4	3130.9	1822.6	1687.3	514.3	225.6
22.5°	5485.8	5512.9	5549.0	5476.8	5269.3	4854.2	4015.1	2589.5	2445.2	712.8	234.6
25°	6324.9	6306.9	6388.1	6324.9	6063.3	5576.1	4845.2	3428.6	3221.1	992.5	252.6
27.5°	7353.5	7317.4	7371.6	7209.2	6866.3	6370.1	5585.1	4285.8	4042.2	1425.6	288.7
30°	8716.0	8743.0	8499.4	8310.0	7822.7	7164.1	6406.2	5206.1	4953.5	1939.9	324.8
32.5°	10863.4	10673.9	10295.0	9528.0	8887.4	8048.3	7227.2	6009.2	5783.6	2598.6	379.0
35°	14210.8	14246.9	13416.8	11522.1	10132.5	9158.1	8129.5	6893.4	6731.0	3347.4	451.1
37.5°	18289.1	18189.9	17459.0	15068.0	11955.1	10538.6	9158.1	7858.8	7624.2	4159.5	541.4
40°	22908.8	22493.7	22069.6	20445.6	15753.7	12270.9	10457.4	8977.6	8797.2	5097.9	685.7
42.5°	26608.1	26499.8	26572.0	25895.3	22087.7	15221.4	12180.7	10349.1	10132.5	6261.8	938.4
45°	28430.7	28277.3	28710.4	29215.7	28241.2	21501.2	14959.7	12099.5	11810.8	7633.2	1326.3
47.5°	27943.5	27835.2	28764.5	29757.0	31056.3	28782.6	19498.2	14716.1	14219.9	9392.7	1903.8
50°	25543.4	25552.4	27077.3	28926.9	30984.1	32472.9	26220.1	18298.1	17675.6	11729.6	2806.1
52.5°	23206.5	23278.7	24893.8	27591.6	29910.4	32906.0	32121.0	23125.3	22114.8	14481.5	3870.8
55°	20806.5	20842.6	22268.1	26066.7	29405.1	31615.7	35152.6	29342.0	28268.3	17910.2	4908.4
57.5°	18496.6	18496.6	19029.0	22403.5	28854.8	31498.4	34791.7	35026.3	34151.1	21826.0	5675.3
60°	13895.0	13985.3	15311.6	17675.6	24884.7	31669.9	33871.4	36839.9	36839.9	27257.7	6261.8
62.5°	7019.7	7155.0	8806.2	11107.0	17071.0	29305.9	34015.8	35928.6	36073.0	32048.8	7597.2
65°	3293.3	3446.7	4330.9	5955.0	9185.2	20626.0	32518.0	35152.6	35107.5	31137.5	10412.3
67.5°	2364.0	2409.1	2706.8	3473.8	4944.5	9040.8	24821.6	32833.8	32851.8	26454.7	11973.2
70°	2120.3	2120.3	2192.5	2418.1	2977.5	4042.2	12063.4	26590.0	27880.3	20427.5	11098.0
72.5°	2093.3	2075.2	2057.2	2066.2	2012.1	2030.1	4141.4	15013.9	16854.5	14292.0	8851.3
75°	2039.1	2039.1	2021.1	1957.9	1606.0	1308.3	1425.6	6072.3	7019.7	9546.1	6568.6
77.5°	1615.1	1777.5	1967.0	1849.7	1470.7	983.5	830.1	1759.4	2219.6	5855.8	4764.0
80°	748.9	757.9	748.9	785.0	938.4	703.8	613.5	857.2	866.2	3248.2	2950.4
82.5°	541.4	550.4	523.3	469.2	415.0	379.0	505.3	631.6	676.7	1488.8	1100.8
85°	162.4	153.4	180.5	243.6	288.7	333.8	424.1	532.3	559.4	550.4	162.4
87.5°	72.2	72.2	90.2	126.3	171.4	252.6	369.9	487.2	496.3	568.4	45.1
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-SA6D-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	216.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5
2.5°	225.6	216.5	207.5	198.5	189.5	180.5	171.4	171.4	180.5	180.5	180.5
5°	216.5	207.5	189.5	171.4	162.4	153.4	144.4	144.4	153.4	153.4	153.4
7.5°	216.5	198.5	180.5	162.4	144.4	135.3	126.3	126.3	126.3	135.3	135.3
10°	216.5	198.5	171.4	144.4	126.3	117.3	108.3	99.3	108.3	108.3	108.3
12.5°	207.5	189.5	162.4	135.3	108.3	90.2	81.2	81.2	81.2	81.2	81.2
15°	198.5	180.5	153.4	117.3	90.2	72.2	54.1	54.1	54.1	63.2	63.2
17.5°	189.5	171.4	135.3	90.2	63.2	45.1	36.1	36.1	36.1	45.1	45.1
20°	189.5	162.4	117.3	72.2	45.1	27.1	18.0	18.0	18.0	27.1	36.1
22.5°	189.5	162.4	108.3	54.1	27.1	18.0	9.0	9.0	9.0	9.0	9.0
25°	189.5	153.4	99.3	45.1	18.0	9.0	0.0	0.0	9.0	18.0	27.1
27.5°	189.5	144.4	81.2	27.1	18.0	9.0	0.0	9.0	18.0	18.0	18.0
30°	189.5	144.4	72.2	27.1	9.0	0.0	0.0	9.0	18.0	18.0	27.1
32.5°	198.5	135.3	63.2	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	207.5	126.3	54.1	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	225.6	126.3	36.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	252.6	135.3	36.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	315.8	144.4	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	442.1	180.5	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	649.6	270.7	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	947.4	369.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1163.9	369.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1154.9	234.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	884.2	162.4	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	748.9	117.3	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	902.3	90.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1606.0	81.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2580.5	81.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2887.3	81.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2255.7	72.2	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1236.1	63.2	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	622.6	45.1	18.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	261.7	36.1	18.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	90.2	36.1	18.0	18.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0
85°	45.1	27.1	27.1	18.0	18.0	9.0	9.0	0.0	0.0	0.0	0.0
87.5°	27.1	27.1	27.1	18.0	18.0	9.0	9.0	0.0	0.0	0.0	9.0
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

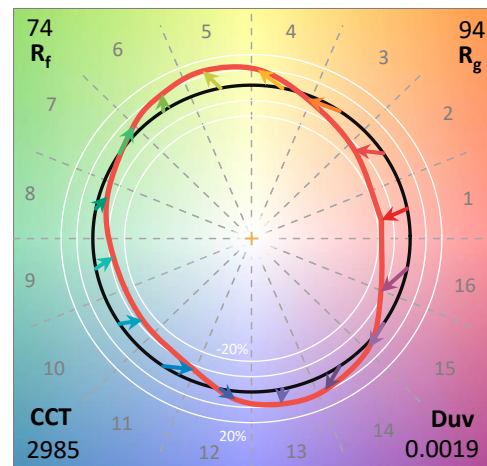
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

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: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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



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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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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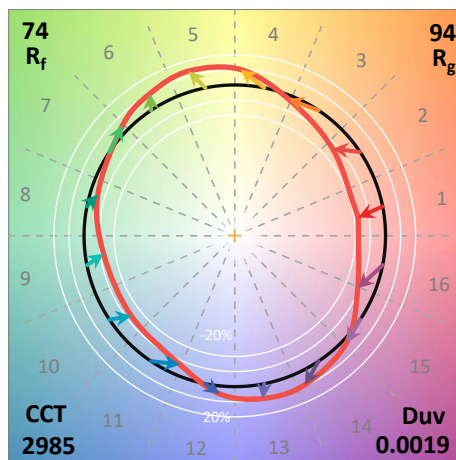
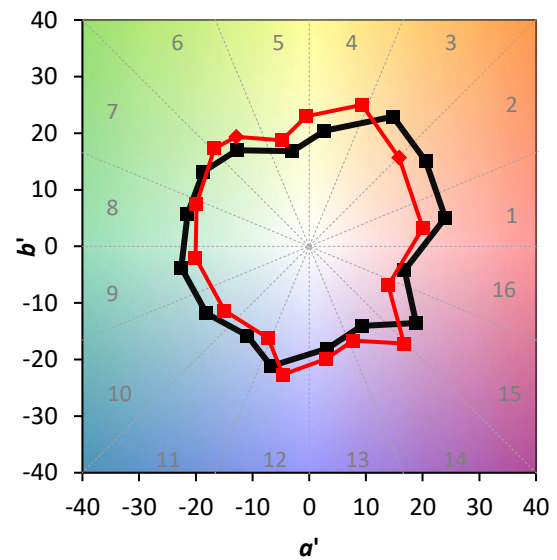
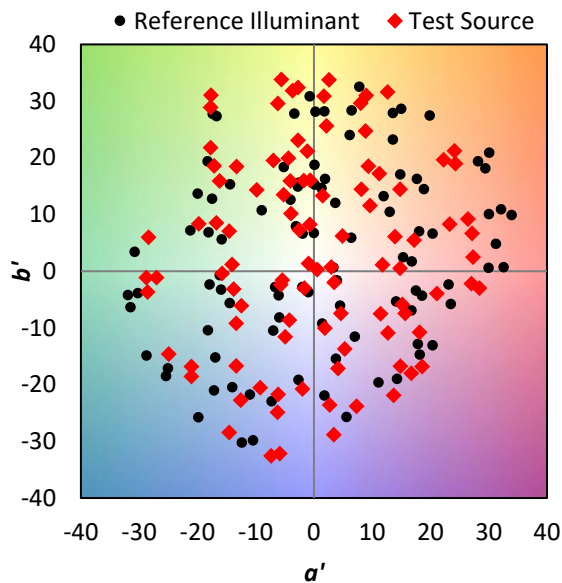
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics

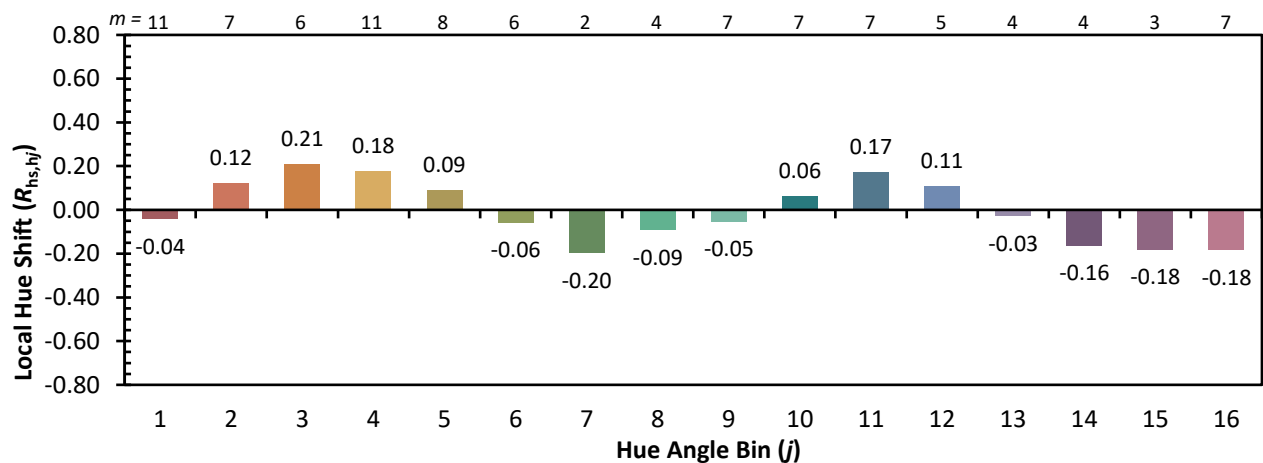


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)