

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: P1067360

Luminaire Tested: **NAV-SA5D-830-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067360
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5D-830-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23824.9 lumens
Efficiency: N/A
Efficacy: 88.3 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): 269.7
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

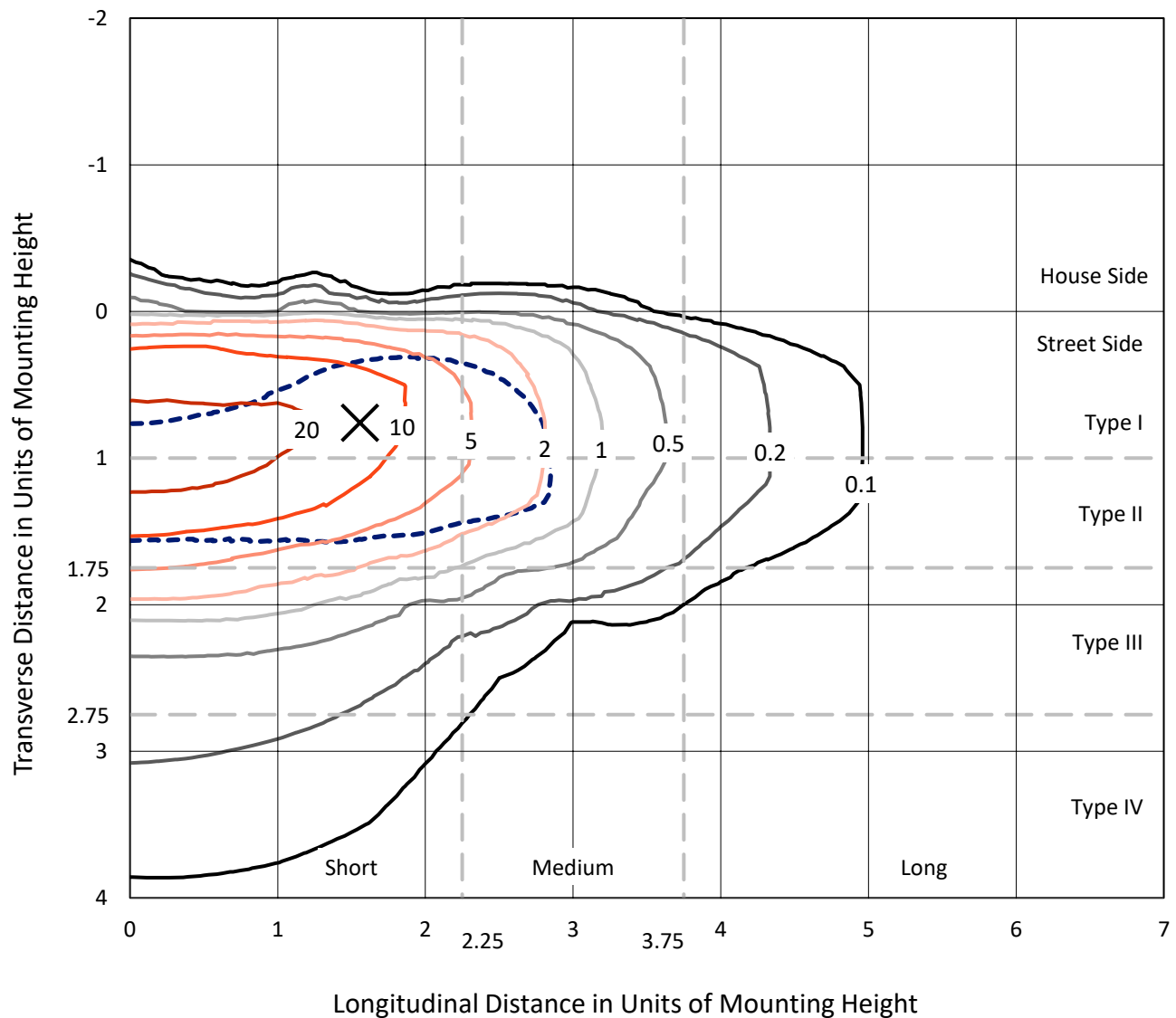


REPORT NUMBER: P1067360

CATALOG NUMBER: NAV-SA5D-830-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

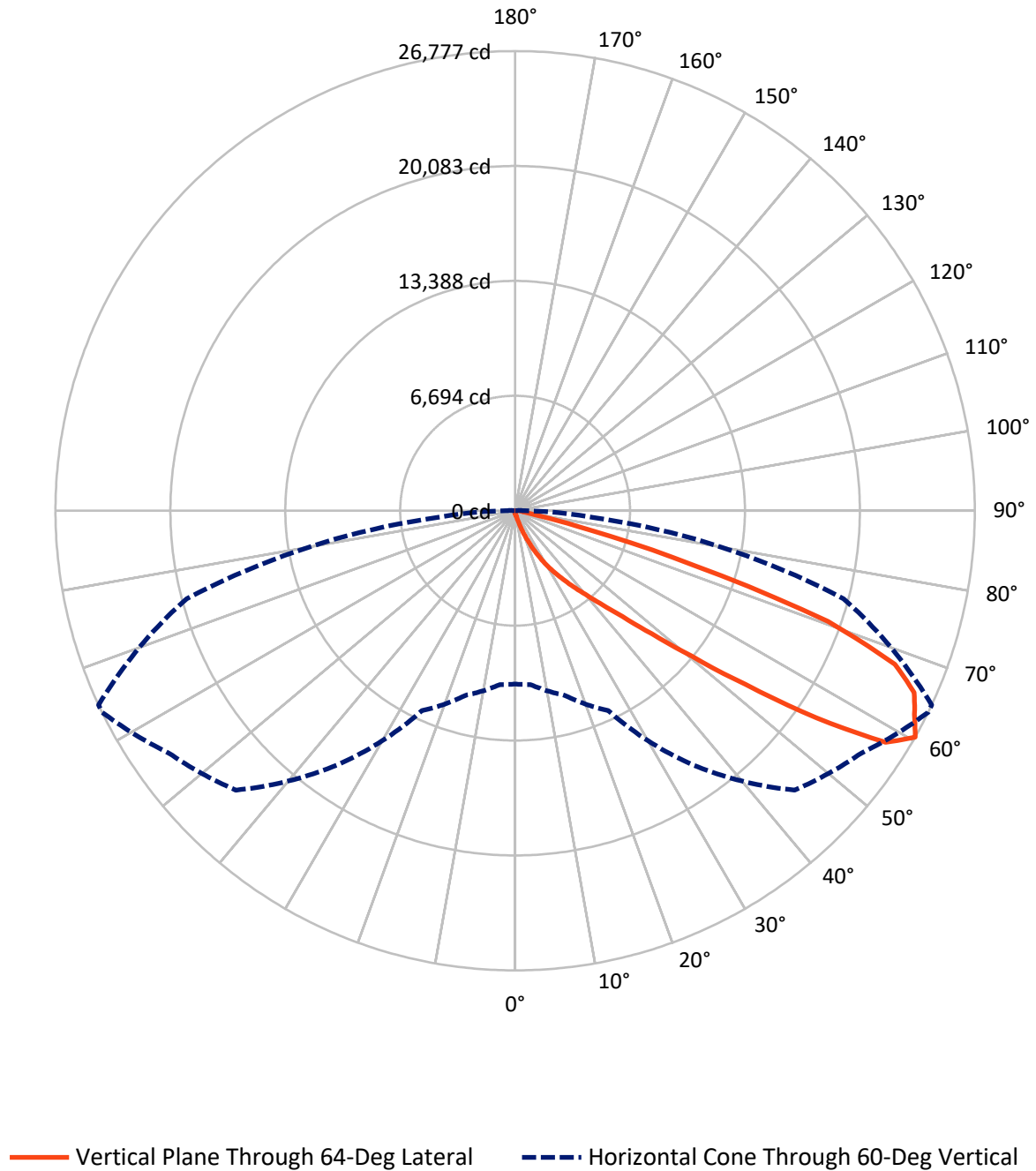


Based on 15 foot mounting height. Maximum calculated value = 34.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1067360

CATALOG NUMBER: NAV-SA5D-830-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067360

CATALOG NUMBER: NAV-SA5D-830-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	96.6	0.0	96.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23728.3	0.0	23728.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	23824.9	0.0	23824.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	0.1
10°-20°	234.1	1.0
20°-30°	777.6	3.3
30°-40°	2074.8	8.7
40°-50°	5273.7	22.1
50°-60°	7687.9	32.3
60°-70°	5938.2	24.9
70°-80°	1630.7	6.8
80°-90°	184.1	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°	23824.9	100.0
0°-180°	23824.9	100.0



REPORT NUMBER: P1067360

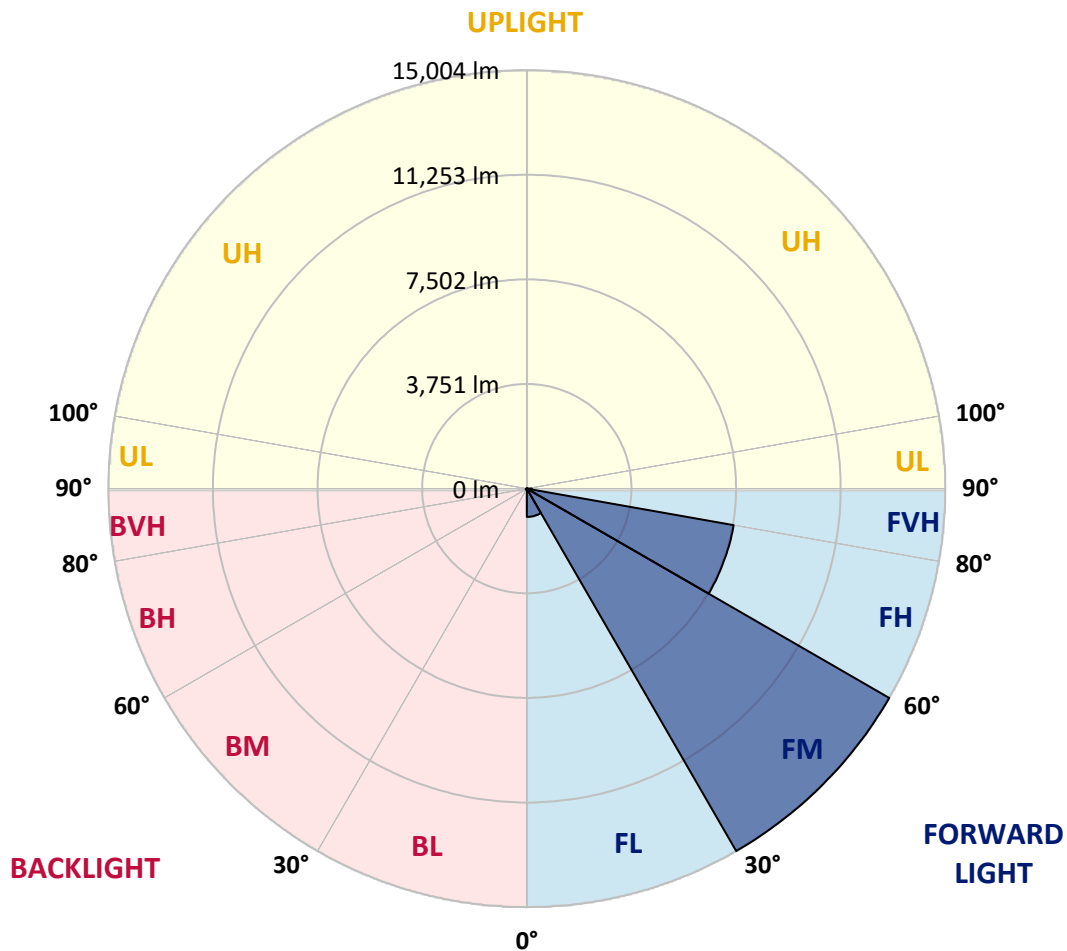
CATALOG NUMBER: NAV-SA5D-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1013.7	4.3			
FM	(30°-60°)	15004.5	63.0			
FH	(60°-80°)	7530.4	31.6			G4/12000
FVH	(80°-90°)	179.7	0.8			G2/225
BL	(0°-30°)	21.7	0.1	B0/110		
BM	(30°-60°)	32.0	0.1	B0/220		
BH	(60°-80°)	38.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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: P1067360

CATALOG NUMBER: NAV-SA5D-830-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4
2.5°	209.9	209.9	209.9	203.3	196.7	196.7	190.2	183.6	183.6	170.5	164.0
5°	321.3	321.3	308.2	295.1	275.4	249.2	223.0	203.3	203.3	183.6	170.5
7.5°	629.6	649.3	590.2	518.1	419.7	354.1	282.0	236.1	229.5	196.7	170.5
10°	1364.1	1351.0	1259.2	1082.1	852.6	616.5	393.5	288.6	275.4	209.9	170.5
12.5°	2052.7	2072.4	1974.0	1777.3	1501.8	1095.2	675.5	373.8	360.7	229.5	170.5
15°	2642.9	2642.9	2577.4	2479.0	2177.3	1751.0	1088.7	557.4	511.5	249.2	164.0
17.5°	3049.5	3043.0	3016.7	2990.5	2813.4	2374.0	1665.8	891.9	787.0	295.1	164.0
20°	3508.6	3488.9	3521.7	3469.3	3331.5	2984.0	2275.7	1324.7	1226.4	373.8	164.0
22.5°	3987.4	4007.0	4033.3	3980.8	3830.0	3528.3	2918.4	1882.2	1777.3	518.1	170.5
25°	4597.3	4584.1	4643.2	4597.3	4407.1	4052.9	3521.7	2492.1	2341.3	721.4	183.6
27.5°	5344.9	5318.7	5358.0	5240.0	4990.7	4630.1	4059.5	3115.1	2938.0	1036.2	209.9
30°	6335.2	6354.8	6177.8	6040.1	5685.9	5207.2	4656.3	3784.0	3600.4	1410.0	236.1
32.5°	7896.0	7758.3	7482.8	6925.4	6459.8	5849.9	5253.1	4367.7	4203.8	1888.7	275.4
35°	10329.1	10355.3	9752.0	8374.8	7364.8	6656.5	5908.9	5010.4	4892.4	2433.1	327.9
37.5°	13293.4	13221.2	12690.0	10952.1	8689.5	7659.9	6656.5	5712.1	5541.6	3023.3	393.5
40°	16651.1	16349.5	16041.2	14860.8	11450.5	8919.1	7600.9	6525.4	6394.2	3705.4	498.4
42.5°	19340.0	19261.3	19313.7	18821.9	16054.3	11063.6	8853.5	7522.2	7364.8	4551.4	682.0
45°	20664.7	20553.2	20868.0	21235.3	20527.0	15628.1	10873.4	8794.5	8584.6	5548.2	964.0
47.5°	20310.6	20231.9	20907.4	21628.8	22573.1	20920.5	14172.2	10696.3	10335.6	6827.0	1383.8
50°	18566.1	18572.7	19681.0	21025.4	22520.7	23602.8	19058.0	13299.9	12847.4	8525.6	2039.6
52.5°	16867.5	16920.0	18093.9	20054.8	21740.2	23917.6	23347.0	16808.5	16074.0	10525.8	2813.4
55°	15123.1	15149.3	16185.5	18946.5	21373.0	22979.7	25550.5	21327.1	20546.7	13017.9	3567.6
57.5°	13444.2	13444.2	13831.1	16283.9	20972.9	22894.5	25288.2	25458.7	24822.6	15864.2	4125.1
60°	10099.5	10165.1	11129.2	12847.4	18087.4	23019.1	24619.3	26776.9	26776.9	19812.2	4551.4
62.5°	5102.2	5200.6	6400.7	8073.1	12408.0	21300.9	24724.2	26114.5	26219.5	23294.5	5522.0
65°	2393.7	2505.2	3147.9	4328.4	6676.2	14991.9	23635.6	25550.5	25517.7	22632.2	7568.1
67.5°	1718.2	1751.0	1967.4	2524.9	3593.9	6571.3	18041.5	23865.1	23878.2	19228.5	8702.7
70°	1541.2	1541.2	1593.6	1757.6	2164.2	2938.0	8768.2	19326.9	20264.7	14847.6	8066.5
72.5°	1521.5	1508.4	1495.3	1501.8	1462.5	1475.6	3010.2	10912.8	12250.6	10388.1	6433.5
75°	1482.1	1482.1	1469.0	1423.1	1167.3	950.9	1036.2	4413.6	5102.2	6938.5	4774.3
77.5°	1173.9	1292.0	1429.7	1344.4	1069.0	714.8	603.3	1278.8	1613.3	4256.2	3462.7
80°	544.3	550.9	544.3	570.6	682.0	511.5	446.0	623.0	629.6	2360.9	2144.5
82.5°	393.5	400.0	380.4	341.0	301.7	275.4	367.3	459.1	491.9	1082.1	800.1
85°	118.0	111.5	131.2	177.1	209.9	242.7	308.2	386.9	406.6	400.0	118.0
87.5°	52.5	52.5	65.6	91.8	124.6	183.6	268.9	354.1	360.7	413.2	32.8
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: P1067360

CATALOG NUMBER: NAV-SA5D-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4
2.5°	164.0	157.4	150.8	144.3	137.7	131.2	124.6	124.6	131.2	131.2	131.2
5°	157.4	150.8	137.7	124.6	118.0	111.5	104.9	104.9	111.5	111.5	111.5
7.5°	157.4	144.3	131.2	118.0	104.9	98.4	91.8	91.8	91.8	98.4	98.4
10°	157.4	144.3	124.6	104.9	91.8	85.3	78.7	72.1	78.7	78.7	78.7
12.5°	150.8	137.7	118.0	98.4	78.7	65.6	59.0	59.0	59.0	59.0	59.0
15°	144.3	131.2	111.5	85.3	65.6	52.5	39.3	39.3	39.3	45.9	45.9
17.5°	137.7	124.6	98.4	65.6	45.9	32.8	26.2	26.2	26.2	32.8	32.8
20°	137.7	118.0	85.3	52.5	32.8	19.7	13.1	13.1	13.1	19.7	26.2
22.5°	137.7	118.0	78.7	39.3	19.7	13.1	6.6	6.6	6.6	6.6	6.6
25°	137.7	111.5	72.1	32.8	13.1	6.6	0.0	0.0	6.6	13.1	19.7
27.5°	137.7	104.9	59.0	19.7	13.1	6.6	0.0	6.6	13.1	13.1	13.1
30°	137.7	104.9	52.5	19.7	6.6	0.0	0.0	6.6	13.1	13.1	19.7
32.5°	144.3	98.4	45.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	150.8	91.8	39.3	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	164.0	91.8	26.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	183.6	98.4	26.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	229.5	104.9	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	321.3	131.2	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	472.2	196.7	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	688.6	268.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	846.0	268.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	839.4	170.5	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	642.7	118.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	544.3	85.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	655.8	65.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1167.3	59.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1875.6	59.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2098.6	59.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1639.5	52.5	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	898.5	45.9	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	452.5	32.8	13.1	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	190.2	26.2	13.1	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0
82.5°	65.6	26.2	13.1	13.1	6.6	6.6	0.0	0.0	0.0	0.0	0.0
85°	32.8	19.7	19.7	13.1	13.1	6.6	6.6	0.0	0.0	0.0	0.0
87.5°	19.7	19.7	19.7	13.1	13.1	6.6	6.6	0.0	0.0	0.0	6.6
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

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: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

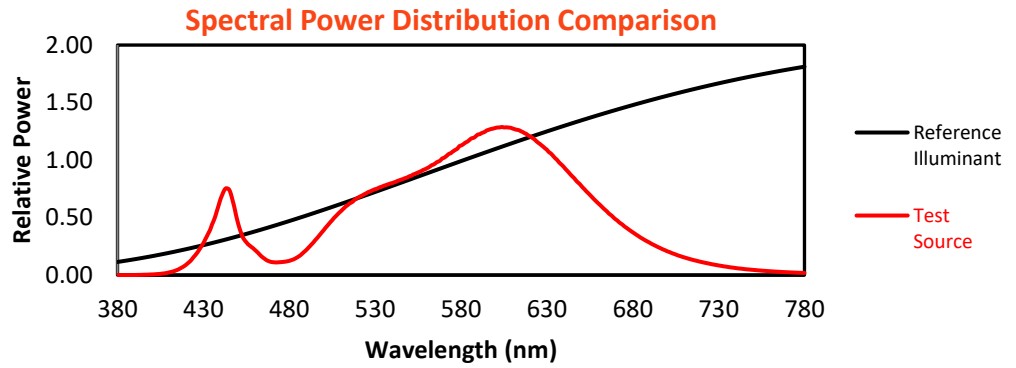
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)