

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: McGRAW-EDISON

Report Number: P1445242

Luminaire Tested: TPTN-VA1-735-U-DL-CG-GM

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445242
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: TPTN-VA1-735-U-DL-CG-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 27W 70CRI 3500K w/
DRIVE LANE TYPE IV DISTRIBUTION OPTIC AND GLASS
Light Source: 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2176.3 lumens
Efficiency: N/A
Efficacy: 81.5 lumens/watt
Luminous Opening: Circular (Dia: 0.71' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

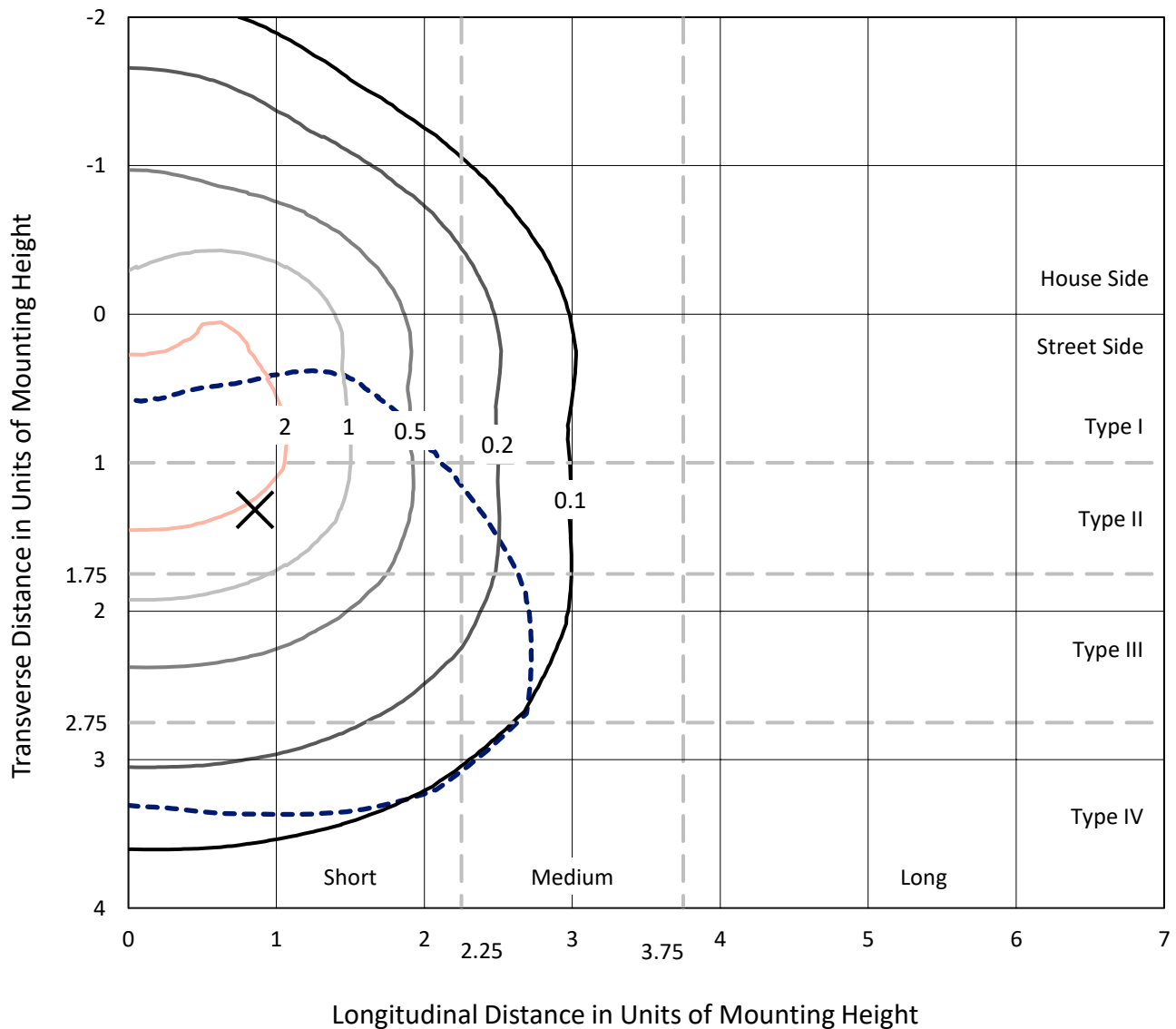
Input Watts (W): 26.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 11.9%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

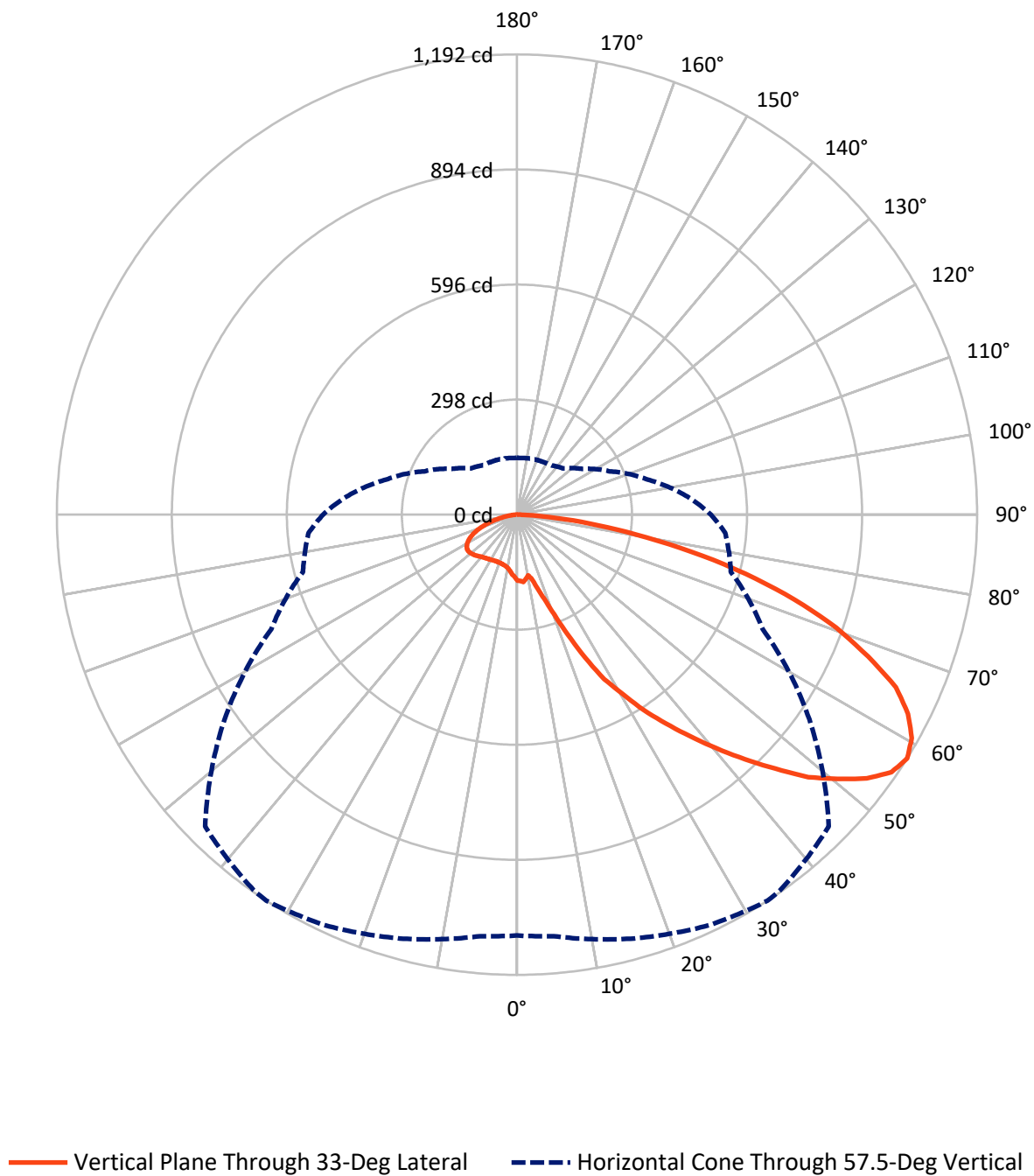


Based on 10 foot mounting height. Maximum calculated value = 3.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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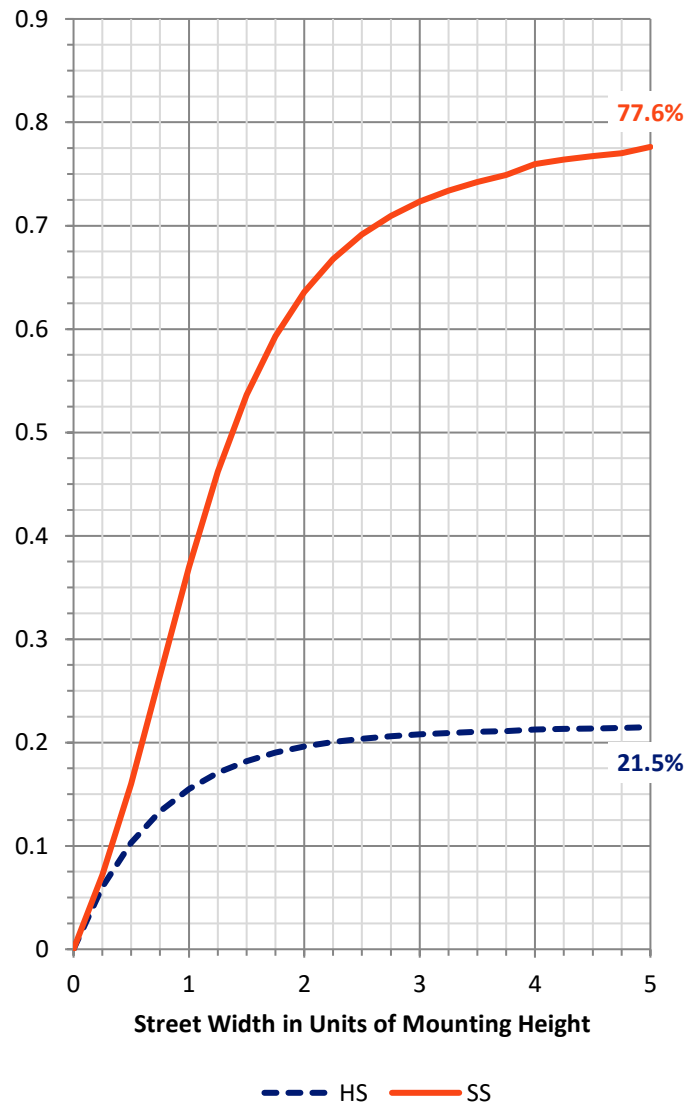
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	471.3	0.0	471.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1705.0	0.0	1705.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	2176.3	0.0	2176.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.4	0.7
10°-20°	49.1	2.3
20°-30°	121.3	5.6
30°-40°	235.4	10.8
40°-50°	382.6	17.6
50°-60°	517.3	23.8
60°-70°	503.7	23.1
70°-80°	296.8	13.6
80°-90°	54.6	2.5
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°	2176.3	100.0
0°-180°	2176.3	100.0

Coefficient of Utilization



REPORT NUMBER: P1445242

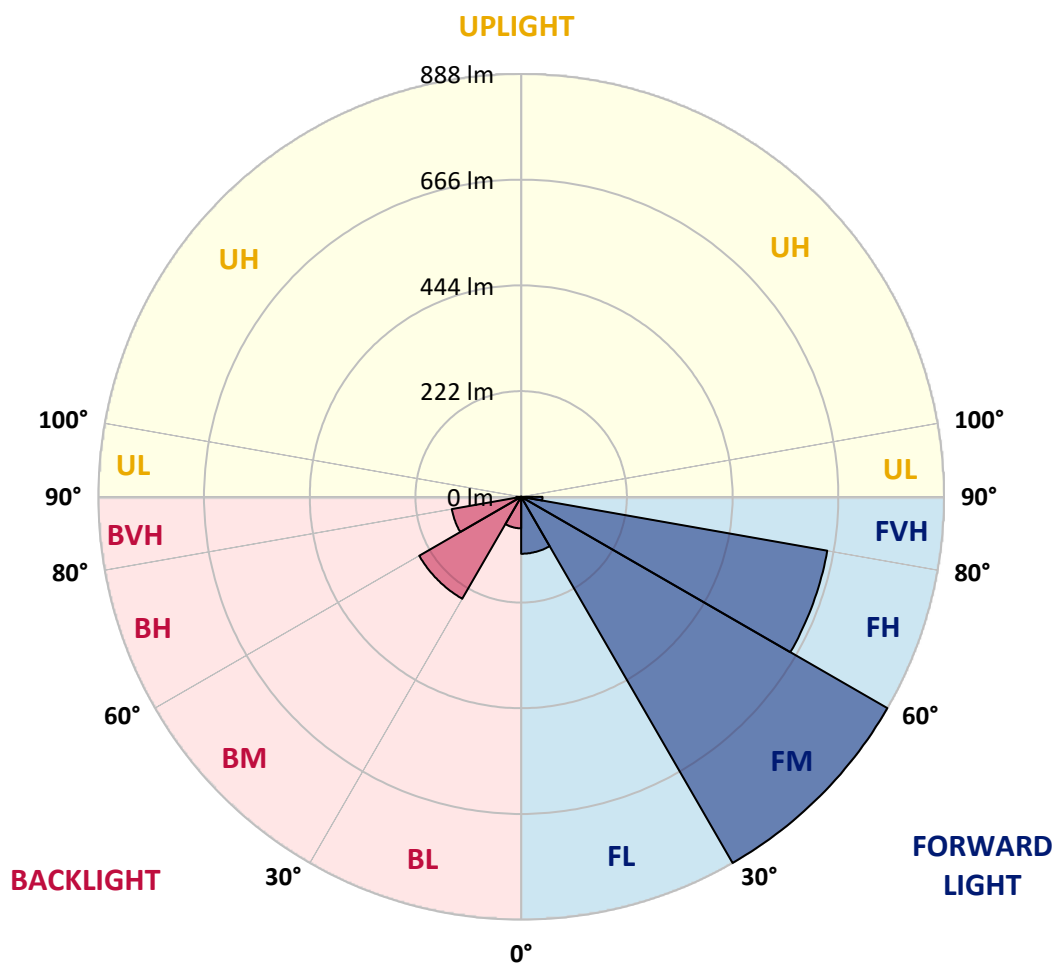
CATALOG NUMBER: TPTN-VA1-735-U-DL-CG-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	119.6	5.5			
FM	(30°-60°)	888.0	40.8			
FH	(60°-80°)	652.7	30.0			G0/660
FVH	(80°-90°)	44.7	2.1			G1/100
BL	(0°-30°)	66.2	3.0	B0/110		
BM	(30°-60°)	247.3	11.4	B1/1000		
BH	(60°-80°)	147.8	6.8	B1/500		G1/500
BVH	(80°-90°)	10.0	0.5			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type IV Short



REPORT NUMBER: P1445242

CATALOG NUMBER: TPTN-VA1-735-U-DL-CG-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	173.1	172.7	172.7	172.2	171.8	171.8	171.4	170.9	170.1	169.2	168.3
5°	181.3	180.4	178.7	177.0	175.3	175.3	174.4	174.0	173.1	172.7	171.8
7.5°	173.1	173.1	172.2	170.1	167.5	167.0	163.1	161.8	163.1	162.7	163.1
10°	177.0	176.6	171.8	166.2	159.7	158.4	154.9	153.6	156.2	158.8	161.0
12.5°	190.4	190.4	185.2	177.9	170.9	169.2	161.8	159.2	159.7	162.7	165.3
15°	212.5	212.5	208.6	202.5	196.0	192.6	181.3	174.0	171.8	173.1	175.7
17.5°	246.2	244.5	246.7	238.0	229.3	226.3	208.6	195.2	189.5	190.0	190.8
20°	298.1	297.3	297.3	291.7	276.5	270.5	246.7	222.9	212.9	211.6	210.7
22.5°	364.4	362.2	363.1	356.1	337.5	332.3	295.6	262.2	241.9	235.8	235.4
25°	440.5	440.9	441.8	432.3	410.2	405.5	356.6	308.1	276.1	264.4	261.4
27.5°	517.5	517.5	512.3	498.5	482.5	474.3	421.0	358.7	314.2	296.9	288.6
30°	586.8	586.3	575.1	554.8	538.3	532.7	473.8	406.3	350.5	324.5	314.2
32.5°	653.9	652.6	632.6	614.9	603.2	594.6	531.0	452.2	385.6	350.9	338.0
35°	722.2	714.4	691.5	676.8	664.2	654.3	591.1	498.9	420.2	379.1	362.6
37.5°	782.4	780.2	753.4	742.1	727.8	722.7	655.6	547.0	457.0	407.2	389.5
40°	841.2	840.4	819.2	807.9	795.4	788.0	724.0	599.3	497.2	437.9	418.0
42.5°	894.0	895.7	884.5	877.1	866.3	860.7	793.6	654.3	536.1	466.9	445.7
45°	953.3	953.7	951.6	948.5	938.6	939.0	868.5	712.7	579.9	498.5	474.7
47.5°	1007.8	1011.3	1016.5	1016.9	1016.0	1011.7	948.1	768.5	621.0	527.1	502.0
50°	1046.8	1052.4	1071.4	1077.5	1075.8	1074.5	1011.7	825.2	653.9	552.2	521.0
52.5°	1084.0	1088.3	1116.0	1135.5	1135.0	1132.0	1071.9	874.5	685.9	569.9	538.7
55°	1102.2	1104.8	1140.7	1171.8	1177.4	1177.9	1126.4	910.5	704.0	581.2	547.8
57.5°	1090.0	1096.1	1137.2	1174.0	1192.2	1188.3	1142.4	924.7	702.3	573.8	541.8
60°	1061.9	1070.6	1109.9	1151.9	1175.3	1169.7	1126.8	919.1	686.7	555.2	528.4
62.5°	1019.1	1029.9	1068.4	1109.1	1136.8	1138.5	1098.3	902.2	657.7	532.3	507.2
65°	936.9	951.1	1008.3	1052.8	1079.2	1085.7	1042.0	862.0	620.1	497.6	467.8
67.5°	846.8	856.4	902.2	967.6	981.4	990.5	965.0	795.4	571.2	443.1	419.7
70°	744.3	759.0	795.4	859.4	877.6	884.1	868.9	713.1	501.1	383.0	370.0
72.5°	629.6	635.7	676.8	724.8	752.5	760.7	744.7	618.4	424.1	319.4	309.4
75°	493.7	503.3	534.9	582.5	612.7	610.6	608.0	506.3	335.8	254.4	244.5
77.5°	366.5	371.7	402.4	437.1	461.7	463.9	463.0	386.0	251.8	185.2	178.3
80°	239.3	245.8	268.3	295.6	312.0	319.4	316.8	269.2	172.7	124.6	119.4
82.5°	135.4	137.2	154.1	168.8	189.1	187.8	193.0	164.0	105.2	73.1	66.6
85°	48.0	51.1	59.7	75.3	83.5	89.1	90.0	77.0	47.2	32.9	24.7
87.5°	4.8	4.8	8.2	12.1	15.6	16.4	16.9	17.3	13.8	10.8	3.5
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: TPTN-VA1-735-U-DL-CG-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	168.3	167.5	165.7	164.0	163.6	161.8	161.4	161.0	160.1	160.1	159.7
5°	170.1	169.2	166.6	163.6	160.5	157.9	155.8	153.6	151.9	150.6	150.6
7.5°	164.0	164.4	164.4	162.3	157.9	153.2	147.6	143.2	139.3	137.6	136.7
10°	161.4	162.7	162.3	160.1	155.8	149.3	141.9	135.0	129.4	125.9	125.5
12.5°	166.2	166.2	164.9	161.4	155.3	147.1	138.5	129.4	122.9	119.0	118.6
15°	176.6	176.1	171.4	164.9	156.2	146.7	136.7	126.8	118.6	114.2	113.8
17.5°	191.3	189.1	181.3	170.1	158.4	146.7	135.4	124.6	116.0	110.8	109.9
20°	209.4	205.1	193.0	176.6	161.0	147.6	134.6	122.9	114.2	108.6	108.2
22.5°	231.9	225.0	206.0	183.9	165.3	149.3	134.6	122.0	113.8	109.5	109.5
25°	254.4	244.9	220.7	192.1	169.6	150.6	134.6	122.9	116.0	112.9	112.5
27.5°	279.1	265.7	235.0	201.7	174.0	152.3	135.4	123.3	118.1	116.0	116.0
30°	301.6	286.5	249.7	210.7	178.7	154.5	137.2	124.6	119.4	118.6	117.7
32.5°	322.8	305.1	263.5	219.4	184.3	156.6	138.5	125.9	121.2	120.3	119.9
35°	346.2	326.7	276.1	227.6	188.7	160.1	140.2	128.1	123.3	122.5	122.5
37.5°	371.3	347.0	290.8	236.3	193.0	163.6	141.9	131.1	126.4	125.5	125.1
40°	395.5	368.7	305.5	244.9	198.2	166.2	144.1	133.7	129.8	129.0	128.5
42.5°	421.5	390.8	319.8	252.7	203.4	168.8	147.1	137.6	134.1	132.4	132.0
45°	445.3	412.0	332.8	260.9	208.1	171.8	150.6	142.4	138.9	137.2	136.7
47.5°	468.2	430.1	344.9	267.0	212.0	174.0	154.1	146.3	143.7	141.9	141.1
50°	486.8	444.8	353.5	270.9	214.6	175.3	156.6	149.7	147.6	145.0	144.5
52.5°	500.2	456.5	359.6	273.9	215.1	175.3	158.4	153.6	151.0	148.4	147.6
55°	506.7	460.9	359.2	272.6	212.5	174.0	158.4	154.5	152.3	149.3	148.9
57.5°	502.4	454.8	350.9	265.3	206.4	169.2	155.8	151.9	149.7	147.1	147.1
60°	489.0	442.2	338.0	254.0	196.9	161.4	150.2	147.1	145.0	142.8	142.8
62.5°	467.8	424.1	321.5	237.1	185.2	152.3	142.8	140.2	138.9	136.7	136.3
65°	431.0	388.6	298.1	219.4	169.6	140.6	132.4	131.5	129.8	126.8	126.4
67.5°	388.6	349.6	264.0	197.3	151.5	125.9	119.9	119.0	117.3	114.7	115.1
70°	341.0	306.4	228.5	170.1	129.4	109.9	104.7	103.4	102.1	101.7	101.3
72.5°	287.3	257.9	191.3	138.9	108.2	92.6	88.3	87.4	86.5	86.1	85.7
75°	223.3	203.4	152.8	109.5	85.7	74.4	70.5	70.1	70.1	69.2	68.4
77.5°	164.4	148.0	111.2	79.6	61.9	54.1	52.8	52.8	53.2	52.8	51.5
80°	109.0	98.7	72.7	52.8	41.1	35.9	35.9	36.3	36.8	36.3	36.8
82.5°	58.0	54.5	41.1	30.7	24.2	21.2	21.6	22.1	22.9	22.1	22.9
85°	21.2	21.6	18.2	13.8	11.7	10.8	11.3	11.7	12.1	11.7	11.7
87.5°	1.3	4.3	7.4	6.5	5.6	5.6	5.6	5.6	5.6	5.2	4.8
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: SP1-2411-284-1

Test Date: 11/15/2024

Luminaire Tested: TTN-D0-735-U-WQ

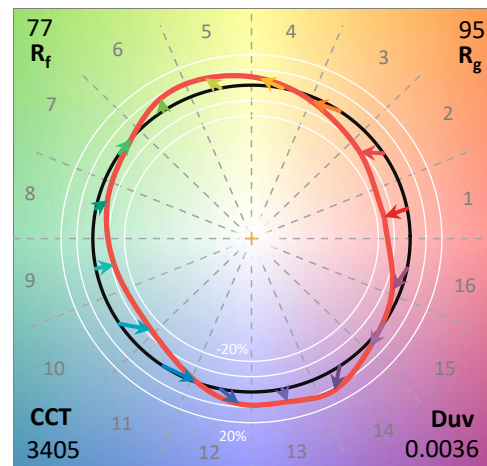
Data in this report applies to families of products including TTN-D0-735-U-WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2411-284-1
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 11/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: MCGRAW EDISON
 Catalog Number: **TTN-D0-735-U-WQ**
 Description: TOPTIER NANO LED PARKING GARAGE LUMINAIRE. 3500K, 70 CRI LEDS AND WIDE DISTRIBUTION

Spectral Parameters

CCT (K):	3405	CRI (Ra):	73.9		
CIE u':	0.2365	R1:	71.3	R9:	-18.0
CIE v':	0.5180	R2:	80.3	R10:	53.1
Duv:	0.0036	R3:	87.8	R11:	68.6
CIE x:	0.4148	R4:	73.2	R12:	42.6
CIE y:	0.4038	R5:	69.8	R13:	72.5
CIE z:	0.1814	R6:	71.8	R14:	92.7
Peak Wavelength (nm):	596	R7:	82.8	R15:	64.3
Dominant Wavelength (nm):	579	R8:	54.1		
Purity:	45.70672				
Rf:	76.6				
Rg:	95.4				



Test Conditions

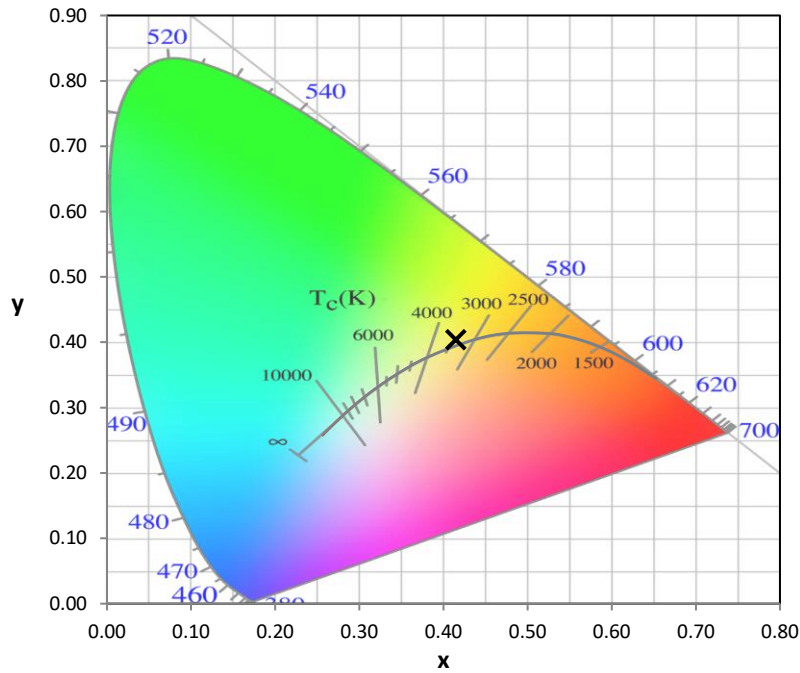
Stabilization Time: 38M
 Operation Time: 1H 38M
 Sphere Temperature (°C): 24.9

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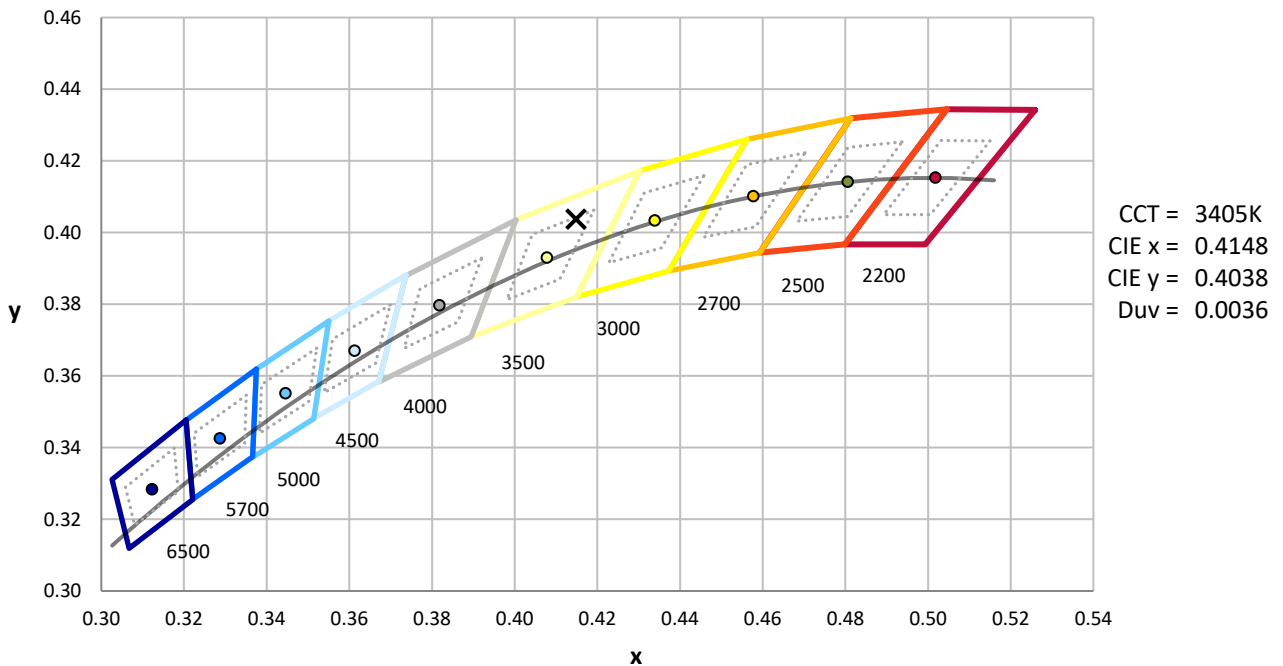
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

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CIE 1931 Chromaticity Diagram



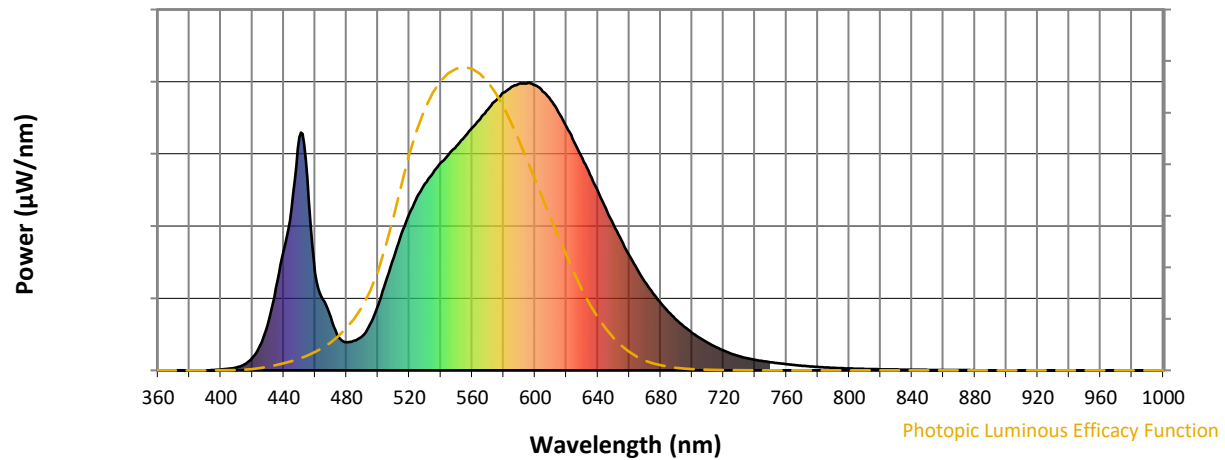
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

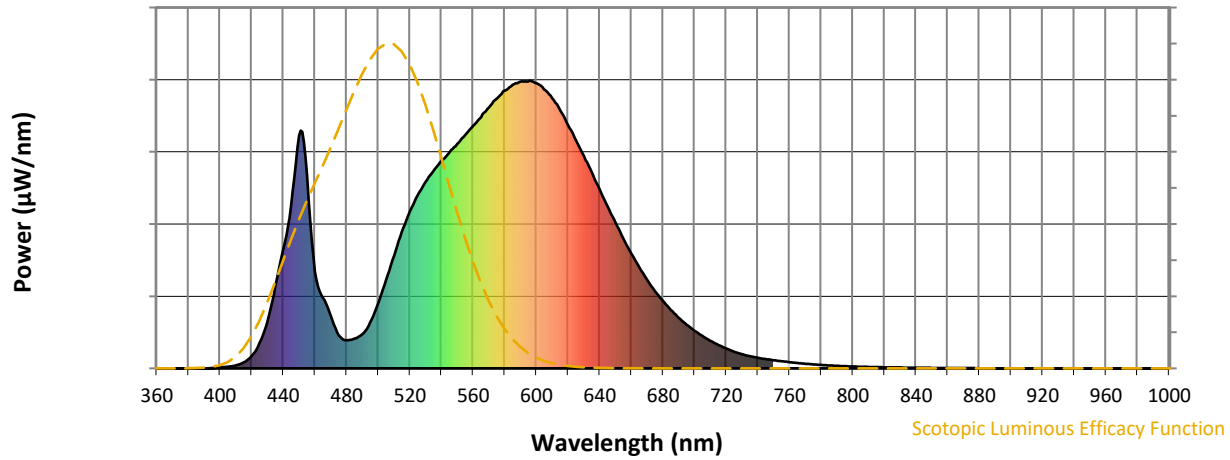


Photopic Lumens: NR

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	119	NR	620	846	NR	750	28	NR	880	1	NR
365	0	NR	495	160	NR	625	793	NR	755	25	NR	885	0	NR
370	0	NR	500	225	NR	630	739	NR	760	22	NR	890	0	NR
375	0	NR	505	308	NR	635	681	NR	765	19	NR	895	0	NR
380	0	NR	510	392	NR	640	623	NR	770	16	NR	900	0	NR
385	0	NR	515	474	NR	645	563	NR	775	14	NR	905	0	NR
390	0	NR	520	545	NR	650	506	NR	780	12	NR	910	0	NR
395	1	NR	525	603	NR	655	451	NR	785	10	NR	915	0	NR
400	3	NR	530	649	NR	660	399	NR	790	9	NR	920	0	NR
405	5	NR	535	687	NR	665	352	NR	795	8	NR	925	0	NR
410	11	NR	540	721	NR	670	307	NR	800	6	NR	930	0	NR
415	21	NR	545	751	NR	675	268	NR	805	6	NR	935	0	NR
420	43	NR	550	779	NR	680	234	NR	810	5	NR	940	0	NR
425	88	NR	555	811	NR	685	203	NR	815	4	NR	945	0	NR
430	163	NR	560	843	NR	690	176	NR	820	4	NR	950	0	NR
435	288	NR	565	873	NR	695	152	NR	825	3	NR	955	0	NR
440	416	NR	570	907	NR	700	131	NR	830	3	NR	960	0	NR
445	566	NR	575	938	NR	705	112	NR	835	3	NR	965	0	NR
450	810	NR	580	965	NR	710	96	NR	840	2	NR	970	0	NR
455	669	NR	585	986	NR	715	81	NR	845	2	NR	975	0	NR
460	338	NR	590	997	NR	720	69	NR	850	2	NR	980	0	NR
465	246	NR	595	997	NR	725	58	NR	855	1	NR	985	0	NR
470	182	NR	600	991	NR	730	49	NR	860	1	NR	990	0	NR
475	115	NR	605	968	NR	735	42	NR	865	1	NR	995	0	NR
480	97	NR	610	939	NR	740	37	NR	870	1	NR	1000	0	NR
485	103	NR	615	896	NR	745	32	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



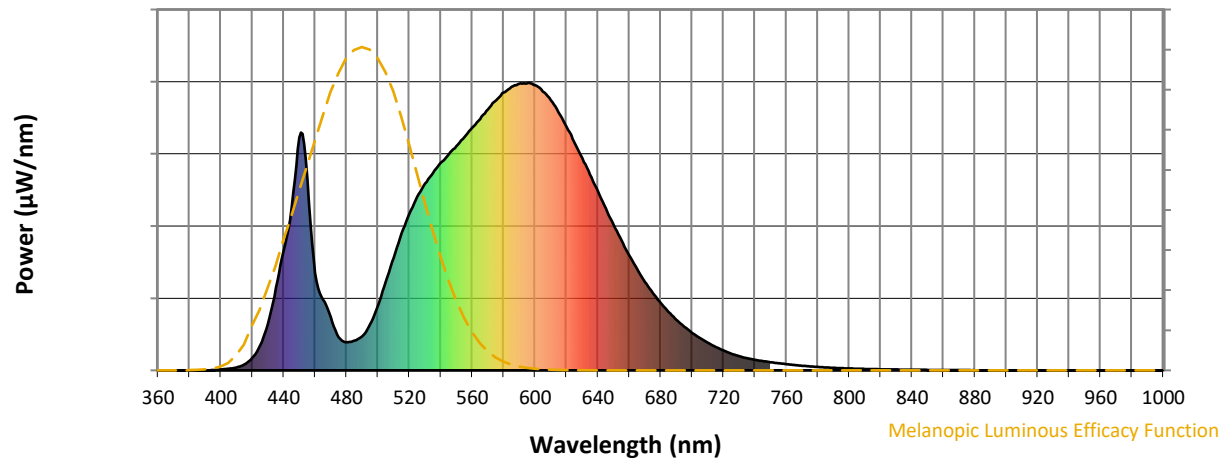
Scotopic Lumens: NR

S/P: 1.33

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	119	NR	620	846	NR	750	28	NR	880	1	NR
365	0	NR	495	160	NR	625	793	NR	755	25	NR	885	0	NR
370	0	NR	500	225	NR	630	739	NR	760	22	NR	890	0	NR
375	0	NR	505	308	NR	635	681	NR	765	19	NR	895	0	NR
380	0	NR	510	392	NR	640	623	NR	770	16	NR	900	0	NR
385	0	NR	515	474	NR	645	563	NR	775	14	NR	905	0	NR
390	0	NR	520	545	NR	650	506	NR	780	12	NR	910	0	NR
395	1	NR	525	603	NR	655	451	NR	785	10	NR	915	0	NR
400	3	NR	530	649	NR	660	399	NR	790	9	NR	920	0	NR
405	5	NR	535	687	NR	665	352	NR	795	8	NR	925	0	NR
410	11	NR	540	721	NR	670	307	NR	800	6	NR	930	0	NR
415	21	NR	545	751	NR	675	268	NR	805	6	NR	935	0	NR
420	43	NR	550	779	NR	680	234	NR	810	5	NR	940	0	NR
425	88	NR	555	811	NR	685	203	NR	815	4	NR	945	0	NR
430	163	NR	560	843	NR	690	176	NR	820	4	NR	950	0	NR
435	288	NR	565	873	NR	695	152	NR	825	3	NR	955	0	NR
440	416	NR	570	907	NR	700	131	NR	830	3	NR	960	0	NR
445	566	NR	575	938	NR	705	112	NR	835	3	NR	965	0	NR
450	810	NR	580	965	NR	710	96	NR	840	2	NR	970	0	NR
455	669	NR	585	986	NR	715	81	NR	845	2	NR	975	0	NR
460	338	NR	590	997	NR	720	69	NR	850	2	NR	980	0	NR
465	246	NR	595	997	NR	725	58	NR	855	1	NR	985	0	NR
470	182	NR	600	991	NR	730	49	NR	860	1	NR	990	0	NR
475	115	NR	605	968	NR	735	42	NR	865	1	NR	995	0	NR
480	97	NR	610	939	NR	740	37	NR	870	1	NR	1000	0	NR
485	103	NR	615	896	NR	745	32	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.47

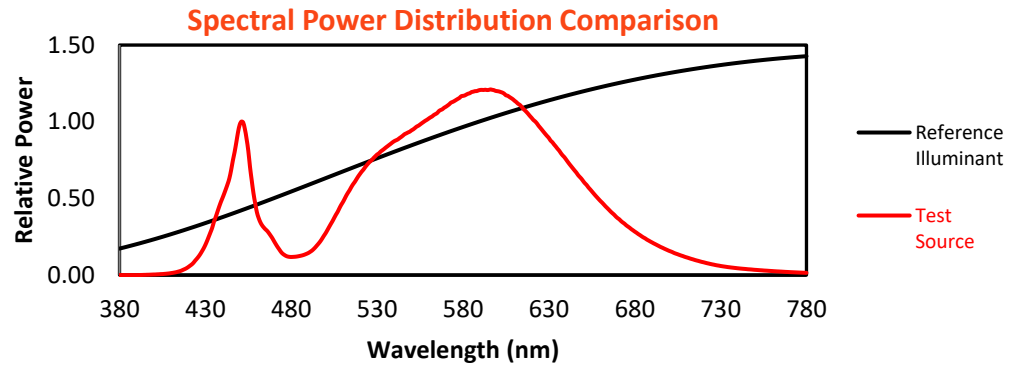
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	846	NR	750	28	NR	880	1	NR
365	0	NR	495	160	NR	625	793	NR	755	25	NR	885	0	NR
370	0	NR	500	225	NR	630	739	NR	760	22	NR	890	0	NR
375	0	NR	505	308	NR	635	681	NR	765	19	NR	895	0	NR
380	0	NR	510	392	NR	640	623	NR	770	16	NR	900	0	NR
385	0	NR	515	474	NR	645	563	NR	775	14	NR	905	0	NR
390	0	NR	520	545	NR	650	506	NR	780	12	NR	910	0	NR
395	1	NR	525	603	NR	655	451	NR	785	10	NR	915	0	NR
400	3	NR	530	649	NR	660	399	NR	790	9	NR	920	0	NR
405	5	NR	535	687	NR	665	352	NR	795	8	NR	925	0	NR
410	11	NR	540	721	NR	670	307	NR	800	6	NR	930	0	NR
415	21	NR	545	751	NR	675	268	NR	805	6	NR	935	0	NR
420	43	NR	550	779	NR	680	234	NR	810	5	NR	940	0	NR
425	88	NR	555	811	NR	685	203	NR	815	4	NR	945	0	NR
430	163	NR	560	843	NR	690	176	NR	820	4	NR	950	0	NR
435	288	NR	565	873	NR	695	152	NR	825	3	NR	955	0	NR
440	416	NR	570	907	NR	700	131	NR	830	3	NR	960	0	NR
445	566	NR	575	938	NR	705	112	NR	835	3	NR	965	0	NR
450	810	NR	580	965	NR	710	96	NR	840	2	NR	970	0	NR
455	669	NR	585	986	NR	715	81	NR	845	2	NR	975	0	NR
460	338	NR	590	997	NR	720	69	NR	850	2	NR	980	0	NR
465	246	NR	595	997	NR	725	58	NR	855	1	NR	985	0	NR
470	182	NR	600	991	NR	730	49	NR	860	1	NR	990	0	NR
475	115	NR	605	968	NR	735	42	NR	865	1	NR	995	0	NR
480	97	NR	610	939	NR	740	37	NR	870	1	NR	1000	0	NR
485	103	NR	615	896	NR	745	32	NR	875	1	NR			

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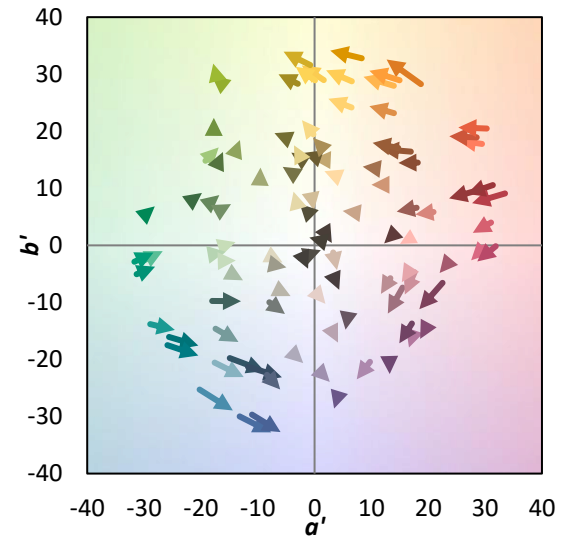
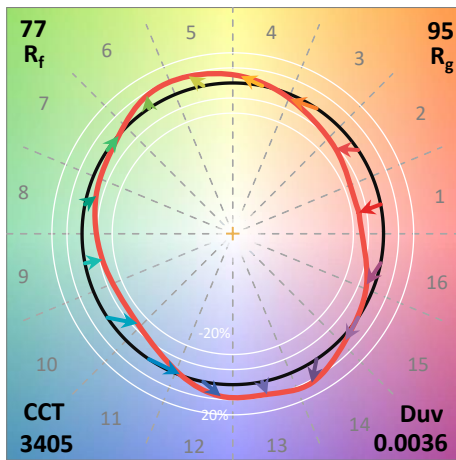
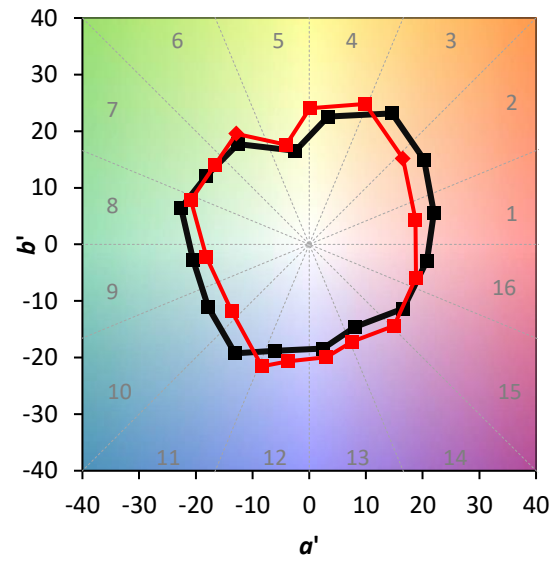
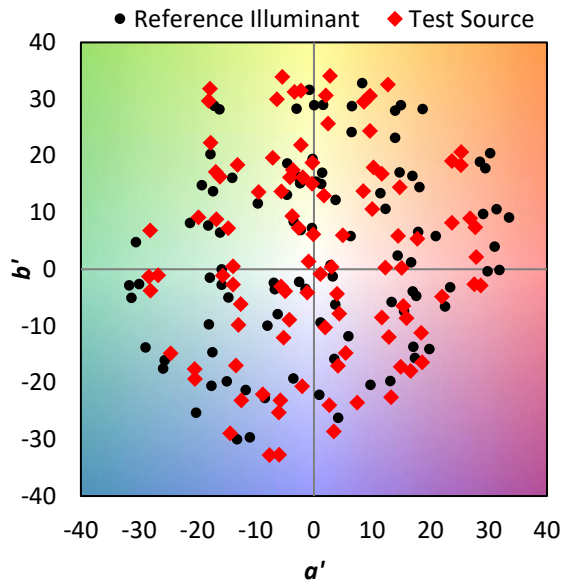
TM-30-18

Summary

$R_f = 76.6$
 $R_g = 95.4$
 $CIE R_a = 73.9$
 $R_g = -18.0$

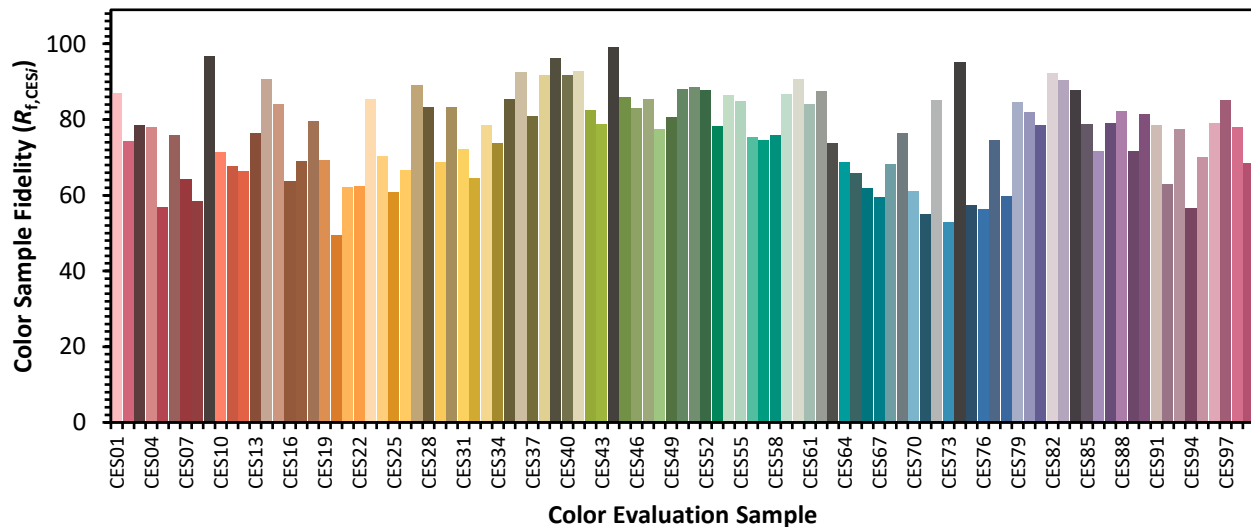


Color Vector Graphics

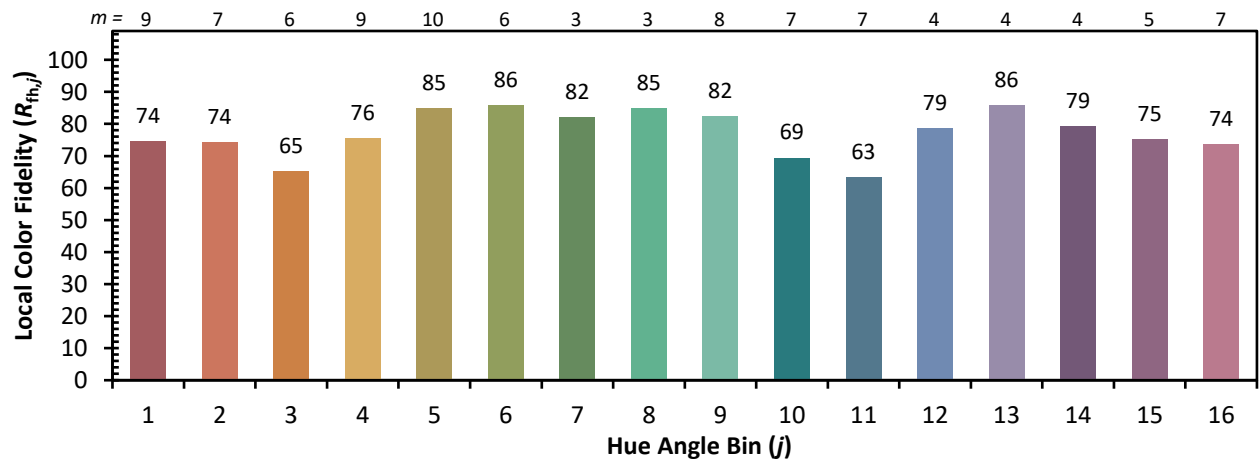
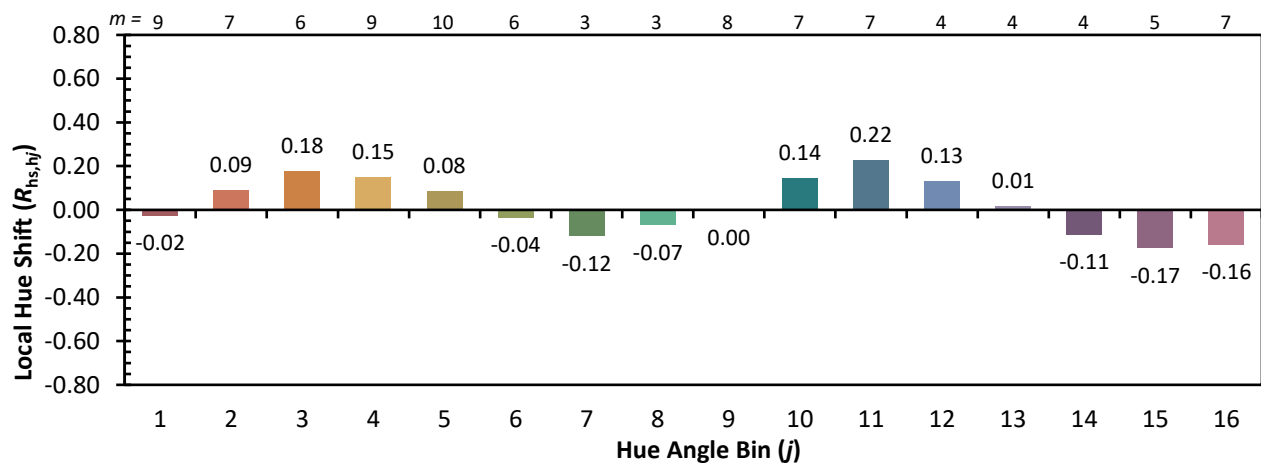
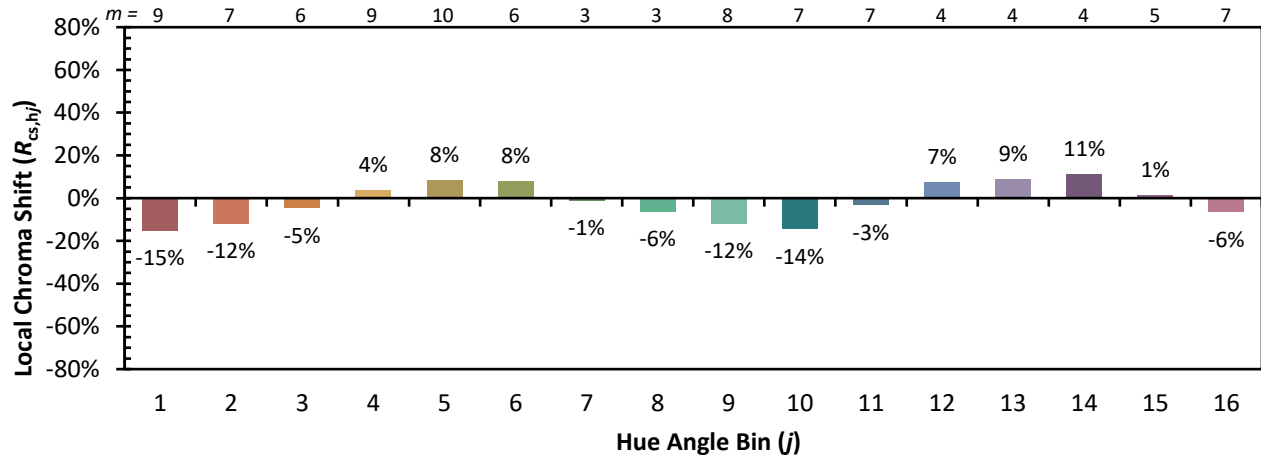


Individual Sample Fidelity Index ($R_{f,i}$)

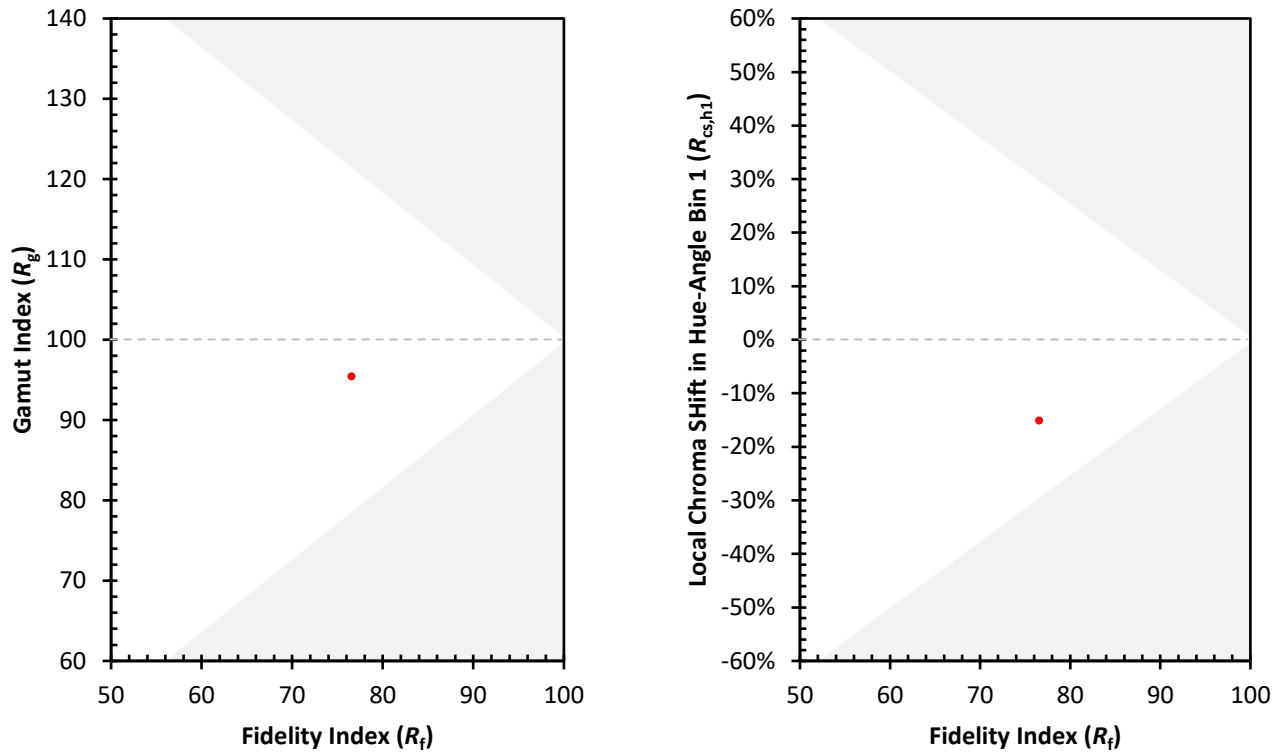
CES01 = 86	CES26 = 67	CES51 = 88	CES76 = 56
CES02 = 62	CES27 = 89	CES52 = 88	CES77 = 75
CES03 = 31	CES28 = 83	CES53 = 78	CES78 = 60
CES04 = 70	CES29 = 69	CES54 = 86	CES79 = 85
CES05 = 48	CES30 = 83	CES55 = 85	CES80 = 82
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 78
CES07 = 41	CES32 = 65	CES57 = 75	CES82 = 92
CES08 = 40	CES33 = 78	CES58 = 76	CES83 = 90
CES09 = 29	CES34 = 74	CES59 = 87	CES84 = 88
CES10 = 75	CES35 = 86	CES60 = 91	CES85 = 79
CES11 = 58	CES36 = 93	CES61 = 84	CES86 = 72
CES12 = 64	CES37 = 81	CES62 = 88	CES87 = 79
CES13 = 43	CES38 = 92	CES63 = 74	CES88 = 82
CES14 = 74	CES39 = 96	CES64 = 69	CES89 = 72
CES15 = 71	CES40 = 92	CES65 = 66	CES90 = 82
CES16 = 47	CES41 = 93	CES66 = 62	CES91 = 79
CES17 = 50	CES42 = 83	CES67 = 60	CES92 = 63
CES18 = 56	CES43 = 79	CES68 = 68	CES93 = 77
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 56
CES20 = 65	CES45 = 86	CES70 = 61	CES95 = 70
CES21 = 86	CES46 = 83	CES71 = 55	CES96 = 79
CES22 = 79	CES47 = 85	CES72 = 85	CES97 = 85
CES23 = 92	CES48 = 78	CES73 = 53	CES98 = 78
CES24 = 91	CES49 = 81	CES74 = 95	CES99 = 68
CES25 = 72	CES50 = 88	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)