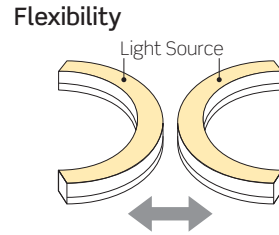
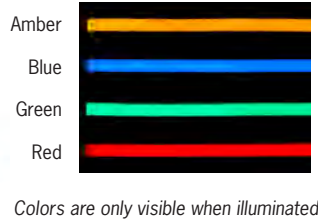


DATE

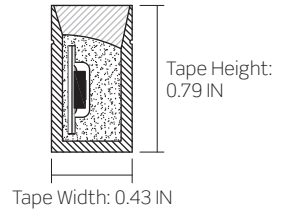
PROJECT



TYPE

TLNEAC | 120VAC Wet Location Indoor/Outdoor Flex Neon LED Strip Light

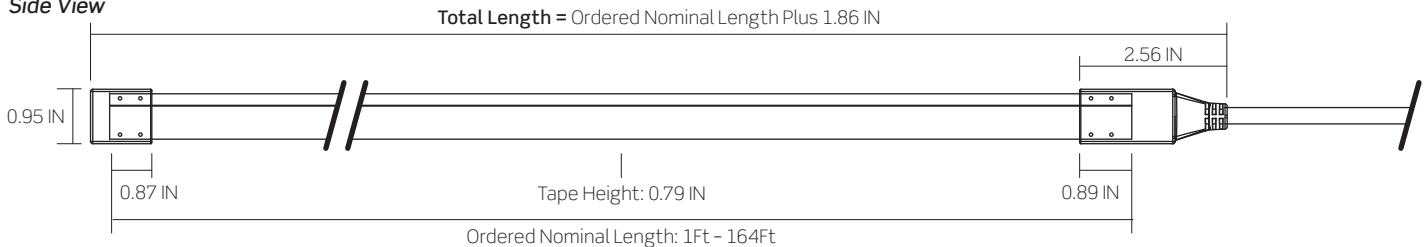


Tapelight Cross Section

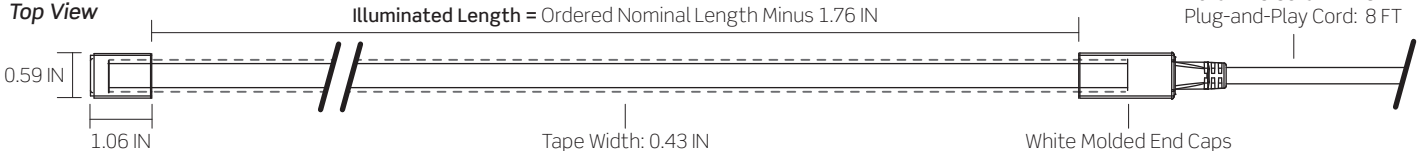


WATTAGE	4W/Ft
LUMEN OUTPUT	53Lm/Ft (3000K)
LED DENSITY	36 LED/Ft (0.33 inch spacing)
STATIC WHITE CCT / CRI	2700K, 3000K, 3500K, 4000K / 90+ CRI
SOLID COLORS	Blue (460 - 480nm), Green (515 - 540nm), Red (610 - 635nm), Amber (585 - 600nm); Colors only visible when illuminated
INPUT VOLTAGE	120V
DIMMING	Reverse Phase/Trailing Edge
RUN LENGTH	1 Foot up to 164 Feet in 12 inch increments; See "Length Tolerance Table" (Page 2) NOT FIELD CUTTABLE: Flex Neon LED Strip Light is factory cut-to-length and assembled
CONFIGURATIONS	Hardwire: 15Ft Cuttable cord Plug-and-Play: 8Ft Cord, Includes fused, polarized plug
FLEXIBILITY	2-1/2 Inch Minimum Bend Radius; Side-to-Side
AMBIENT OPERATING TEMP	-4° to 104°F (-20° to 40°C)
  LISTINGS	cETLus Listed to UL and Canadian Standards IP65 Rated; Suitable for Wet Locations, Not Submersible RoHS Compliant
WARRANTY	Three (3) year replacement after date of purchase
SYSTEM RATING	50,000 Hours @ 70% Lumen Maintenance

Side View



Top View



TLNEAC Flex Strip Lights are custom made-to-order and are not returnable. **APPROVED SUBMITTAL SHEETS ARE REQUIRED BEFORE PROCESSING THE ORDER.** Lead time begins upon receipt of signed submittal sheets and purchase order. Larger orders may need additional lead time.

THIS PRODUCT IS NOT FIELD CUTTABLE; DOING SO VOIDS AGENCY CERTIFICATION AND WARRANTY.

DATE

PROJECT

TYPE

TLNEAC | 120VAC Wet Location Indoor/Outdoor Flex Neon LED Strip Light

ORDERING INFORMATION

Example Order: -

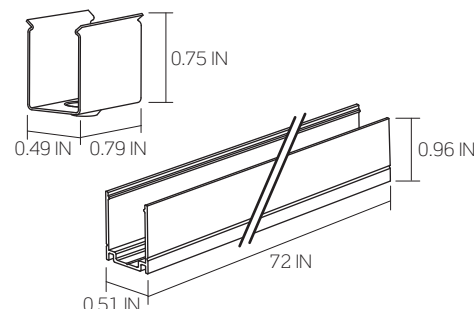
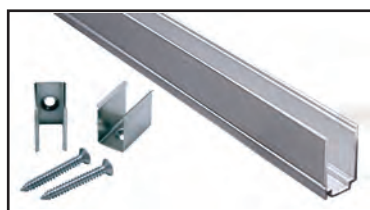
Tapelight Series	Power Cord	Version	Input	End	Color Temperature	Static Colors	Nominal Length ¹
TLNEAC - 120VAC Flex Neon	P - Cord & Plug H - Hardwire	1 - 36 LEDs per Foot	S - Sealed	S - Sealed	90+ CRI Static White 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	AMB - Amber BLU - Blue GRN - Green RED - Red	XXX - Length in Feet 1. Available in 1 foot (12-inch) increments (max. 164 feet) Example: 10ft is entered as "010"

MOUNTING ACCESSORIES ORDERING INFORMATION

Mounting Accessories (Sold Separately)

TLNEACACMC - Stainless Steel Mounting Clip Set
10 Clips per Set

TLNEACACS6 - 6Ft Aluminum Mounting Channel



PRODUCT DETAILS

- Dot-free Neon look LED Lighting System
- Energy efficient accent illumination for indoor and outdoor direct view applications, including architectural enhancements, outdoor steps or changes in elevation, coves, etc.
- Unique circuit design prevents overheating, extends projected life and converts AC voltage without an additional enclosure, resulting in a cleaner and longer lasting installation
- Extruded PVC Jacket and Lens
- Must use appropriate components that comply with local codes (weather-proof connectors, cord covers, enclosures, etc. if installed outdoors)
- Mounting options (sold separately):
 - Stainless Steel Mounting Clips; one (1) clip placed every one (1) foot is recommended
 - Aluminum Mounting Channel (6Ft)
- **NOTE:** TLNEAC Flex Neon Strip Lights are custom made-to-order and are not returnable. Approved Submittal Sheets are required before processing the order. Lead time begins upon receipt of signed submittal sheets and purchase order. Larger orders may need additional lead time.
- **THIS PRODUCT IS NOT FIELD CUTTABLE; DOING SO VOIDS AGENCY CERTIFICATION AND WARRANTY**

DIMMER COMPATIBILITY

- Reverse Phase/Trailing Edge (ELV)
- Check Dimmer maximum wattage capability compared to 120V Strip wattage
- Tested dimmers: Leviton DSE06-10Z (0-100%)
Leviton Illumatech IPE04-ILZ (15-100%)
Lutron DVELV-300P (0-100%)

LENGTH TOLERANCES

NOMINAL ORDERED LENGTH	1 - 20 FT	21 - 40 FT	41 - 60 FT	61 - 80 FT	81 - 120 FT	121 - 140 FT	141 - 164 FT
ILLUMINATED LENGTH TOLERANCE	+/- 0.40 IN	+/- 0.48 IN	+/- 0.59 IN	+/- 0.71 IN	+/- 0.79 IN	+/- 0.87 IN	+/- 0.99 IN
OVERALL LENGTH TOLERANCE	+/- 0.99 IN	+/- 1.07 IN	+/- 1.19 IN	+/- 1.30 IN	+/- 1.38 IN	+/- 1.46 IN	+/- 1.58 IN

DATE

PROJECT

TYPE

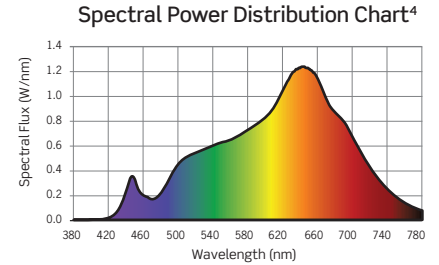
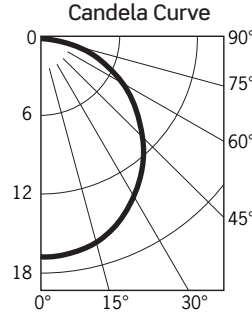
TLNEAC | 120VAC Wet Location Indoor/Outdoor Flex Neon LED Strip Light

PHOTOMETRICS

TLNEACP1SS27K-001: 2700K, 1FT SAMPLE

Fixture Delivered Lumens: 48.6
 Total Watts@120V: 4.04
 Lumens Per Watt: 12.2
 Center Beam Candle Power: 17.0
 Beam Distribution: 113°
 Spacing Criterion: 1.3
 Color Rendering Index (CRI)¹: 95
 Color Temperature (CCT)²: 2833K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21012702
 LM-79 Test No. S21012701

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	4.2	6.0
4 FT	1.0	12.1
6 FT	0.5	18.1
8 FT	0.3	24.1
10 FT	0.2	30.1
12 FT	0.1	36.2



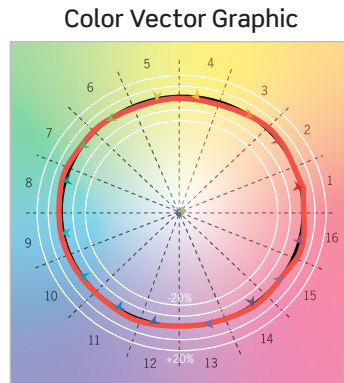
1. Accuracy of rendering colors 2. Color appearance of light source 3. Dependent on surrounding temperatures 4. Colors present within the light source

TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012701

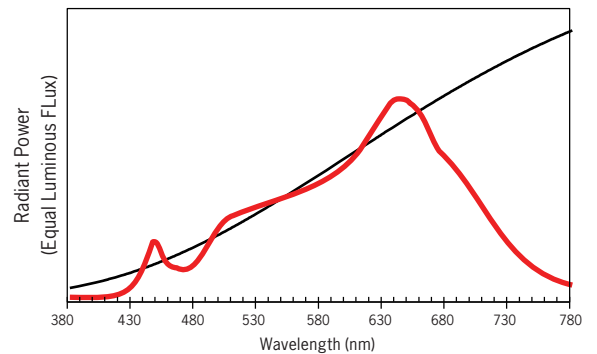
Colors are for visual orientation purposes only

R _f	96
R _g	101
CCT(K)	2833K
D _{uv}	0.0024
u ^t	0.2561
v ^t	0.5282

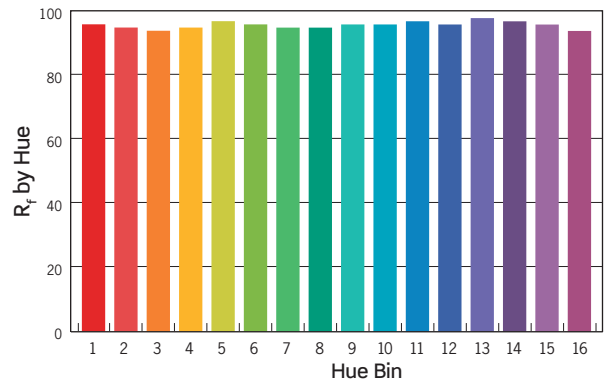
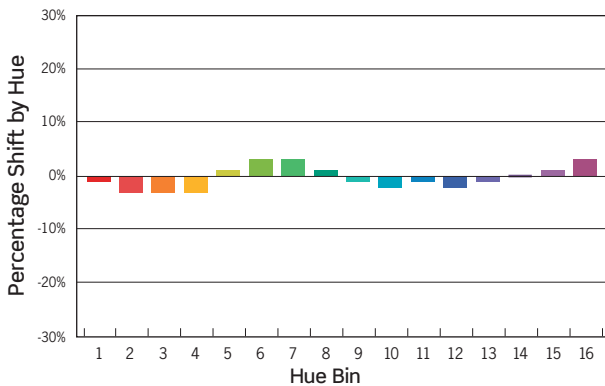


— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



— Reference Illuminance — Test Source



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	-3%	-3%	-3%	1%	3%	3%	1%	-1%	-2%	-1%	-2%	-1%	0%	1%	-3%
R _f VALUE	96	95	94	95	97	96	95	95	96	96	97	96	98	97	96	94

DATE

PROJECT

TYPE

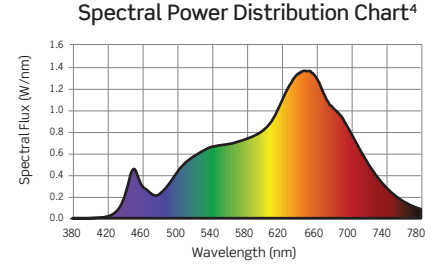
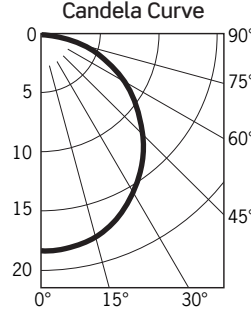
TLNEAC | 120VAC Wet Location Indoor/Outdoor Flex Neon LED Strip Light

PHOTOMETRICS

TLNEACP1SS30K-001: 3000K, 1FT SAMPLE

Fixture Delivered Lumens: 53.3
 Total Watts@120V: 4.01
 Lumens Per Watt: 13.3
 Center Beam Candle Power: 18.0
 Beam Distribution: 113°
 Spacing Criterion: 1.3
 Color Rendering Index (CRI)¹: 96
 Color Temperature (CCT)²: 2886K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21012704
 LM-79 Test No. S21012704

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	4.6	6.0
4 FT	1.1	12.1
6 FT	0.5	18.1
8 FT	0.3	24.1
10 FT	0.2	30.1
12 FT	0.1	36.2



1. Accuracy of rendering colors 2. Color appearance of light source 3. Dependent on surrounding temperatures 4. Colors present within the light source

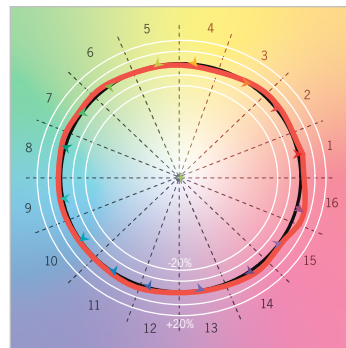
TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012704

Colors are for visual orientation purposes only

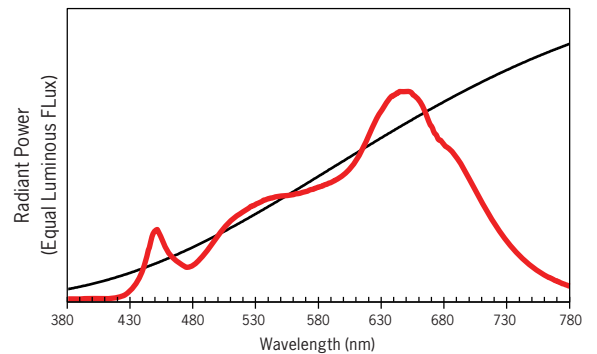
R_f	95
R_g	104
CCT(K)	2886K
D_{uv}	0.0005
u^l	0.2546
v^l	0.5244

Color Vector Graphic

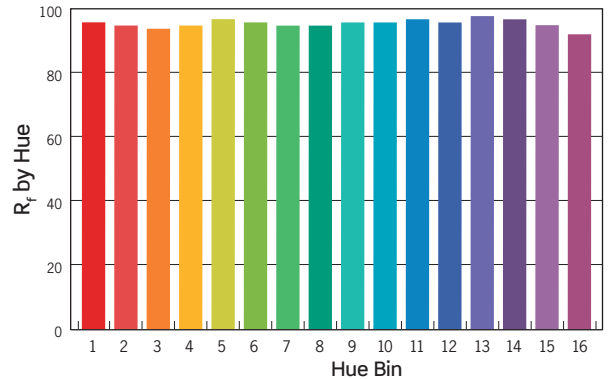
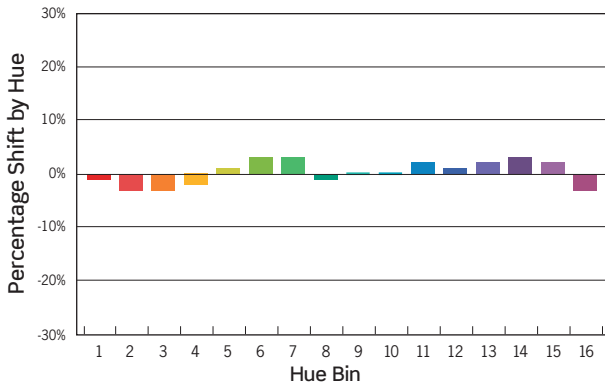


— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



— Reference Illuminance — Test Source



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	-3%	-3%	-2%	1%	3%	3%	-1%	0%	0%	2%	1%	2%	3%	2%	-3%
R_f VALUE	93	93	94	96	97	95	93	95	95	96	96	95	97	93	94	90

DATE

PROJECT

TYPE

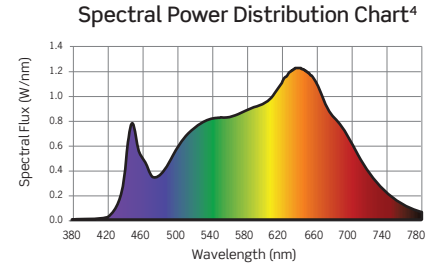
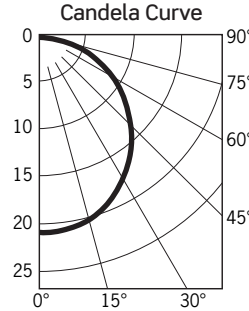
TLNEAC | 120VAC Wet Location Indoor/Outdoor Flex Neon LED Strip Light

PHOTOMETRICS

TLNEACP1SS35K-001: 3500K, 1FT SAMPLE

Fixture Delivered Lumens: 60.4
 Total Watts@120V: 4.04
 Lumens Per Watt: 15.1
 Center Beam Candle Power: 21.0
 Beam Distribution: 113°
 Spacing Criterion: 1.2
 Color Rendering Index (CRI)¹: 95
 Color Temperature (CCT)²: 3442K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21012703
 LM-79 Test No. S21012703

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	5.2	6.0
4 FT	1.3	12.1
6 FT	0.6	18.1
8 FT	0.3	24.1
10 FT	0.2	30.1
12 FT	0.1	36.1



1. Accuracy of rendering colors 2. Color appearance of light source 3. Dependent on surrounding temperatures 4. Colors present within the light source

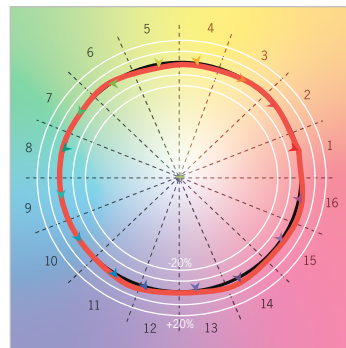
TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012704

Colors are for visual orientation purposes only

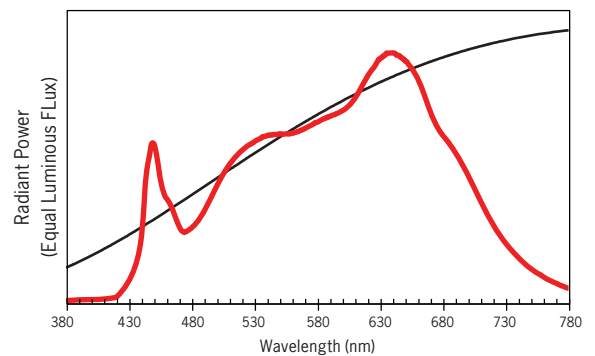
R_f	95
R_g	102
CCT(K)	3442K
D_{uv}	0.0014
u^l	0.2366
v^l	0.5142

Color Vector Graphic

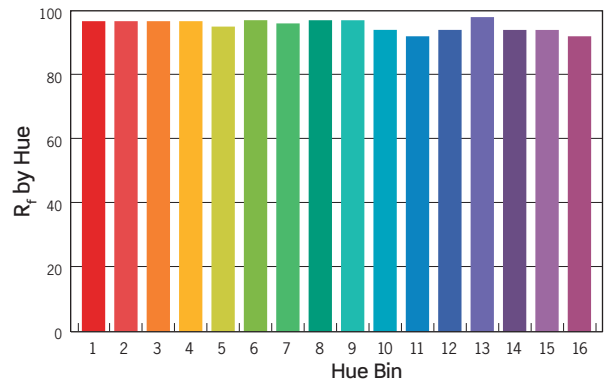
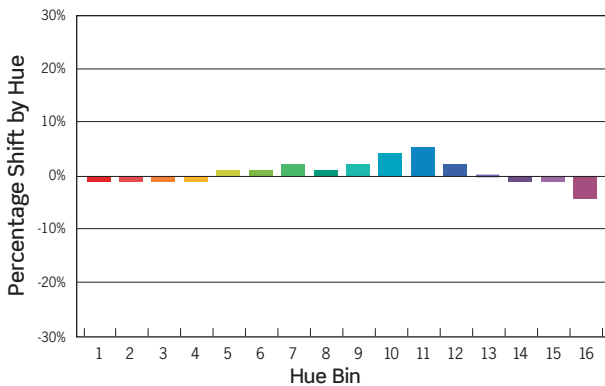


— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



— Reference Illuminance — Test Source



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	-1%	-1%	-1%	1%	1%	2%	1%	2%	4%	5%	2%	0%	-1%	-1%	-4%
R_f VALUE	97	97	97	97	95	97	96	97	97	94	92	94	98	94	94	92

DATE

PROJECT

TYPE

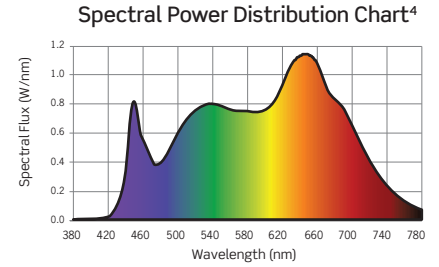
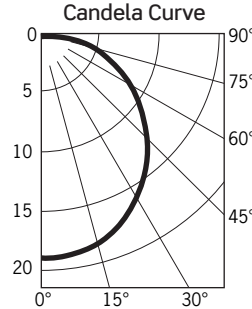
TLNEAC | 120VAC Wet Location Indoor/Outdoor Flex Neon LED Strip Light

PHOTOMETRICS

TLNEACP1SS40K-001: 4000K, 1FT SAMPLE

Fixture Delivered Lumens: 55.5
 Total Watts@120V: 4.03
 Lumens Per Watt: 13.9
 Center Beam Candle Power: 19.0
 Beam Distribution: 113°
 Spacing Criterion: 1.3
 Color Rendering Index (CRI)¹: 94
 Color Temperature (CCT)²: 3853K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21012701
 LM-79 Test No. S21012702

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	4.8	6.0
4 FT	1.2	12.0
6 FT	0.5	18.0
8 FT	0.3	24.0
10 FT	0.2	30.0
12 FT	0.1	36.0



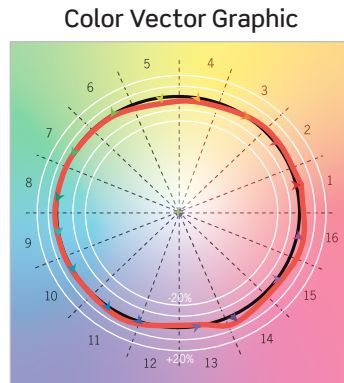
1. Accuracy of rendering colors 2. Color appearance of light source 3. Dependent on surrounding temperatures 4. Colors present within the light source

TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012704

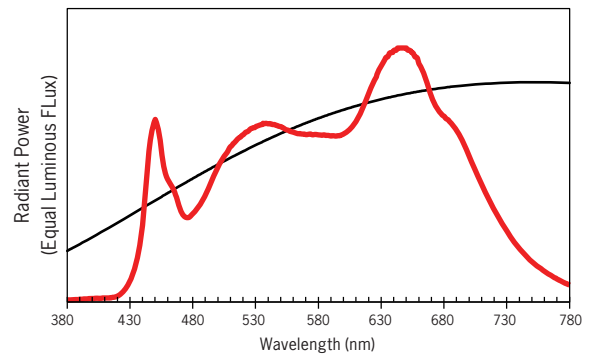
Colors are for visual orientation purposes only

R _f	93
R _g	102
CCT(K)	3853K
D _{uv}	0.0035
u ^t	0.2260
v ^t	0.5088

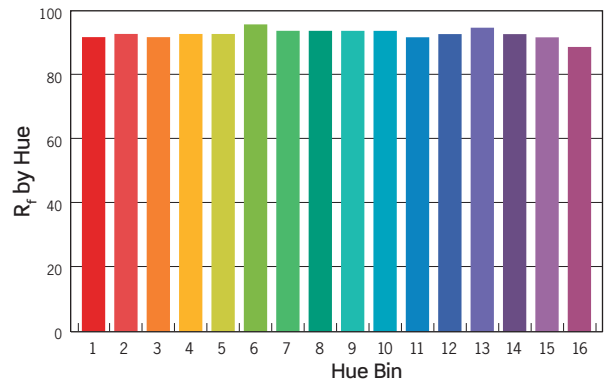
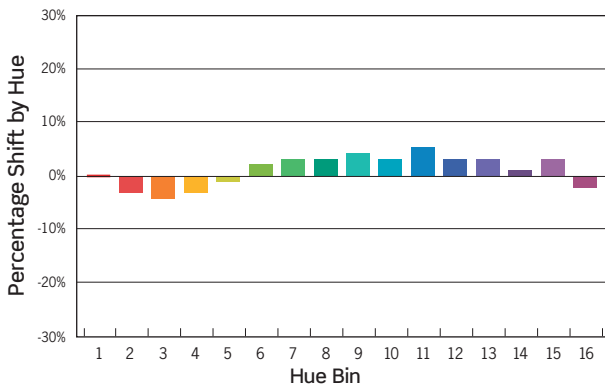


— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



— Reference Illuminance — Test Source



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	0%	-3%	-4%	-3%	-1%	2%	3%	3%	4%	3%	5%	3%	3%	1%	3%	-2%
R _f VALUE	92	93	92	93	93	96	94	94	94	94	92	93	95	93	92	89

DATE

PROJECT

TYPE

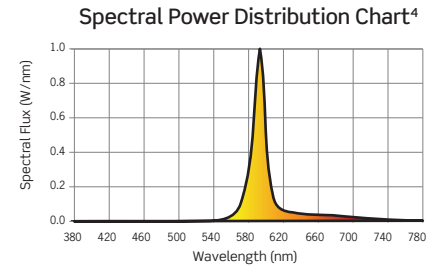
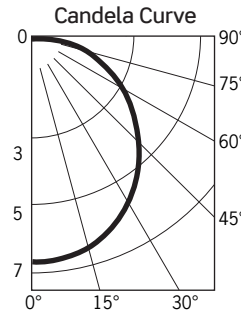
TLNEAC | 120VAC Wet Location Indoor/Outdoor Flex Neon LED Strip Light

PHOTOMETRICS

TLNEACP1SSAMB-001: AMBER, 1FT SAMPLE

Fixture Delivered Lumens: 19.7
Total Watts@120V: 4.03
Lumens Per Watt: 4.9
Center Beam Candle Power: 7.0
Beam Distribution: 113°
Spacing Criterion: 1.3
Designed for 50,000 Hour Lamp Life!
LM-63 Test No. G21012708
LM-79 Test No. S21012708

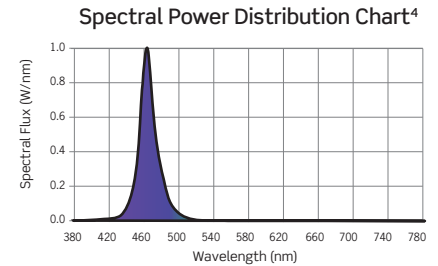
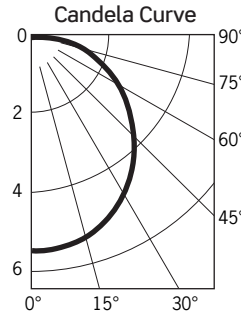
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	1.7	6.0
4 FT	0.4	12.1
6 FT	0.2	18.1
8 FT	0.1	24.2
10 FT	0.1	30.2
12 FT	0.0	36.3



TLNEACP1SSBLU-001: BLUE, 1FT SAMPLE

Fixture Delivered Lumens: 16.0
Total Watts@120V: 4.13
Lumens Per Watt: 3.9
Center Beam Candle Power: 6.0
Beam Distribution: 113°
Spacing Criterion: 1.3
Designed for 50,000 Hour Lamp Life!
LM-63 Test No. G21012707
LM-79 Test No. S21012707

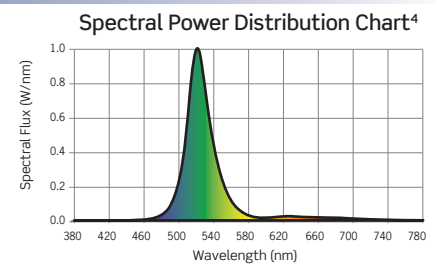
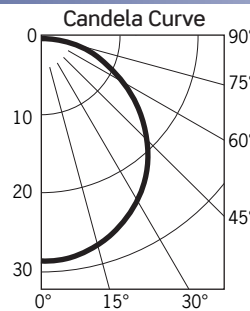
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	1.4	6.0
4 FT	0.3	12.0
6 FT	0.2	18.0
8 FT	0.1	24.0
10 FT	0.1	30.0
12 FT	0.0	36.0



TLNEACP1SSGRN-001: GREEN, 1FT SAMPLE

Fixture Delivered Lumens: 83.5
Total Watts@120V: 4.25
Lumens Per Watt: 19.4
Center Beam Candle Power: 29.0
Beam Distribution: 113°
Spacing Criterion: 1.3
Designed for 50,000 Hour Lamp Life!
LM-63 Test No. G21012706
LM-79 Test No. S21012706

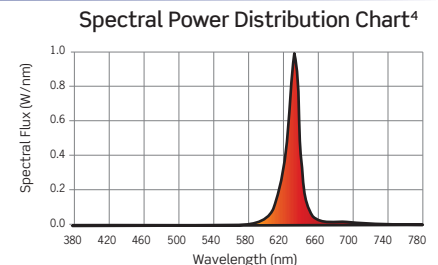
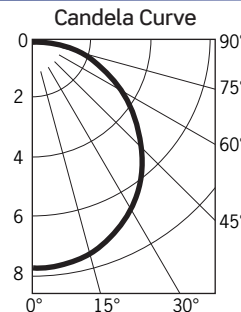
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	7.2	6.0
4 FT	7.8	12.0
6 FT	0.8	18.1
8 FT	0.4	24.1
10 FT	0.3	30.1
12 FT	0.2	36.1



TLNEACP1SSRED-001: RED, 1FT SAMPLE

Fixture Delivered Lumens: 22.7
Total Watts@120V: 4.16
Lumens Per Watt: 5.4
Center Beam Candle Power: 8.0
Beam Distribution: 113°
Spacing Criterion: 1.3
Designed for 50,000 Hour Lamp Life!
LM-63 Test No. G21012705
LM-79 Test No. S21012705

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	1.9	6.0
4 FT	0.5	12.0
6 FT	0.2	18.0
8 FT	0.1	24.0
10 FT	0.1	30.1
12 FT	0.1	36.1



1. Dependent on surrounding temperatures 2. Colors present within the light source