

DATE

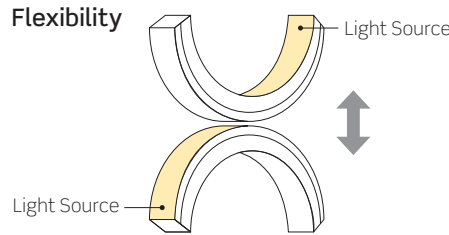
PROJECT

TYPE

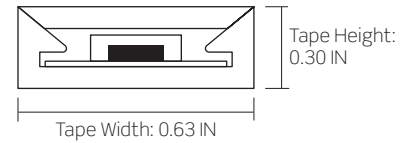
TLTAC | 120VAC Wet Loc. Indoor/Outdoor Flex LED Strip Light





Flexibility

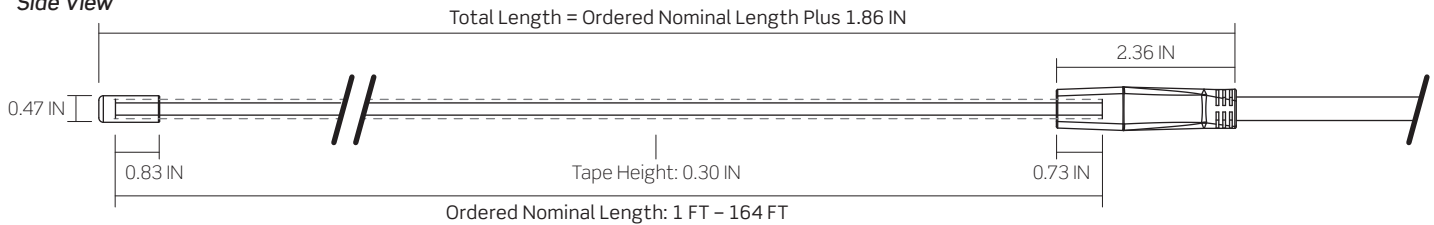


Tapelight Cross Section

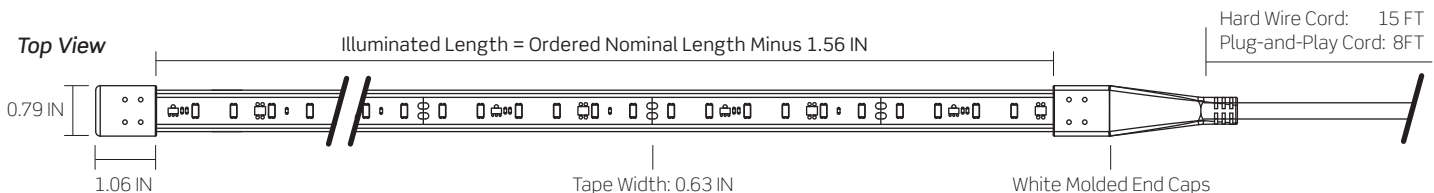


WATTAGE	4W/Ft
LUMEN OUTPUT	287Lm/Ft (3000K)
LED DENSITY	18 LED/Ft (0.66 inch spacing)
COLOR TEMPERATURE	2700K, 3000K, 3500K, 4000K
CRI	90+
INPUT VOLTAGE	120V
DIMMING	Reverse Phase/Trailing Edge
RUN LENGTH	1 Foot up to 164 Feet in 4 inch increments; See "Length Tolerance Table" (Page 2) NOT FIELD CUTTABLE. Flex LED Strip Light is custom, made-to-order, factory cut-to-length and assembled
CONFIGURATIONS	Hardwire: 15Ft Cuttable cord Plug-and-Play: 8Ft Cord, Includes fused, polarized plug
FLEXIBILITY	2 Inch Minimum Bend Radius; Up/Down
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



TLTAC 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.

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TLTAC | 120VAC Wet Loc. Indoor/Outdoor Flex LED Strip Light

ORDERING INFORMATION

Example Order: –

Tapelight Series	Power Cord	Version	Input	End	Color Temp	Nominal Length ¹	Add'l Length
TLTAC - 120VAC Flex LED Strip Light	P - Cord & Plug H - Hardwire	1 - 18 LEDs per Foot	S - Sealed	S - Sealed	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	XXX - Length in Feet	Blank - No Add'l Inches 4 - 4 Add'l Inches 8 - 8 Add'l Inches

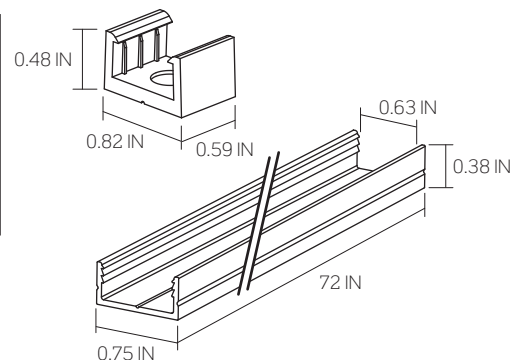
1. Available in 4-inch increments (max. 164 feet)
Example: 10ft 4in is entered as "010-4", 10ft is entered as "010"

MOUNTING ACCESSORIES ORDERING INFORMATION

Mounting Accessories (Sold Separately)

TLACACMC - PVC Mounting Clip Set
10 Clips per Set

TLACACS6 - 6Ft Aluminum Mounting Channel



PRODUCT DETAILS

- Energy efficient illumination for indoor and outdoor applications including coves, architectural enhancements, outdoor steps or changes in elevation, etc.
- Extruded PVC jacket and lens
- Unique circuit design prevents overheating, extends projected life and converts AC voltage without an additional enclosure; resulting in a cleaner and longer lasting installation
- Must use appropriate components that comply with local codes (weather-proof connectors, cord covers, enclosures, etc. if installed outdoors)
- Mounting options (sold separately):
 - PVC Mounting clips; One (1) clip for every 1Ft recommended
 - Aluminum mounting channel (6Ft)
- **NOTE:** TLTAC 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**

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

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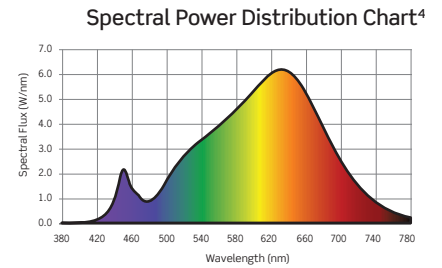
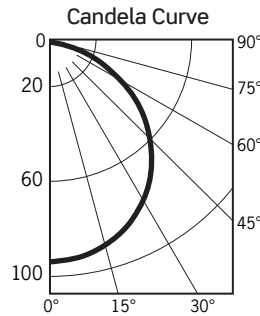
TLTAC | 120VAC Wet Loc. Indoor/Outdoor Flex LED Strip Light

PHOTOMETRICS

TLTACP1SS27K-001: 2700K, 1FT SAMPLE

Fixture Delivered Lumens: 269.8
 Total Watts@120V: 4.11
 Lumens Per Watt: 65.8
 Center Beam Candle Power: 93.0
 Beam Distribution: 105°
 Spacing Criterion: 1.2
 Color Rendering Index (CRI)¹: 92
 Color Temperature (CCT)²: 2728K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21010501
 LM-79 Test No. S21010502

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	23.3	5.2
4 FT	5.8	10.5
6 FT	2.6	15.7
8 FT	1.5	21.0
10 FT	0.9	26.1
12 FT	0.6	31.4



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

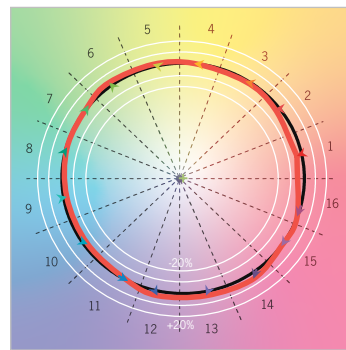
TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S21010502

Colors are for visual orientation purposes only

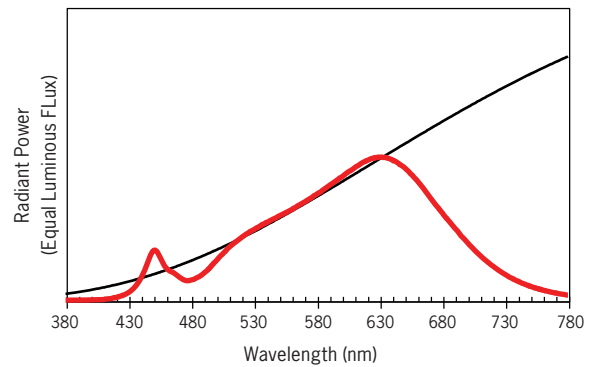
R_f	92
R_g	100
CCT(K)	2728K
D_{uv}	0.0017
u^l	0.2608
v^l	0.5293

Color Vector Graphic

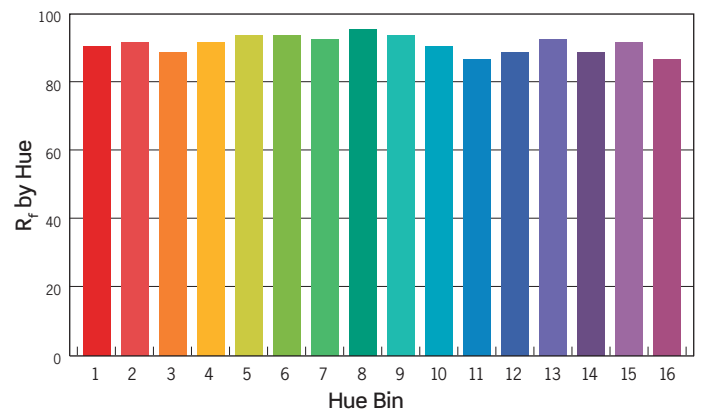
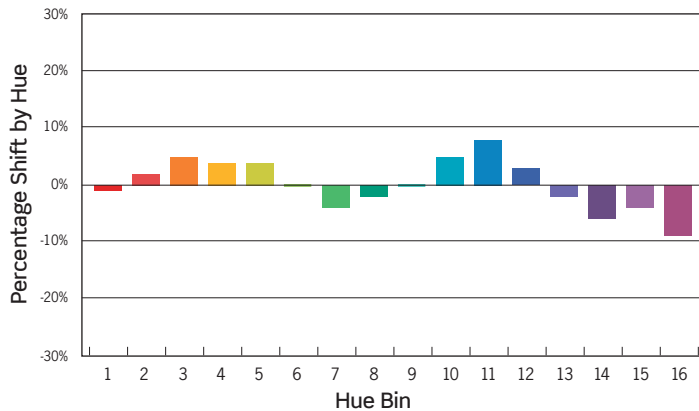


— Reference Illuminance — Test Source

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%	2%	5%	4%	4%	0%	-4%	-2%	0%	5%	8%	3%	-2%	-6%	-4%	-9%
R_f VALUE	92	93	90	93	95	95	94	97	95	92	88	90	94	90	93	88

DATE

PROJECT

TYPE

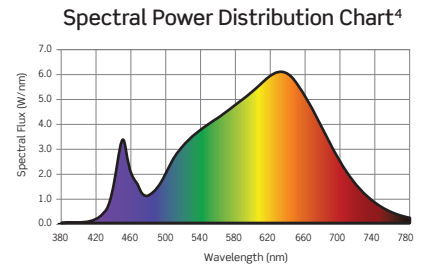
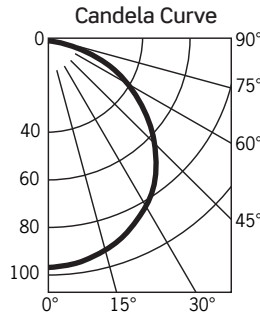
TLTAC | 120VAC Wet Loc. Indoor/Outdoor Flex LED Strip Light

PHOTOMETRICS

TLTACP1SS30K-001: 3000K, 1FT SAMPLE

Fixture Delivered Lumens: 269.8
 Total Watts@120V: 4.11
 Lumens Per Watt: 65.8
 Center Beam Candle Power: 93.0
 Beam Distribution: 105°
 Spacing Criterion: 1.2
 Color Rendering Index (CRI)¹: 92
 Color Temperature (CCT)²: 2728K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21010502
 LM-79 Test No. S21012503

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	24.3	5.3
4 FT	6.1	10.7
6 FT	2.7	16.0
8 FT	1.5	21.4
10 FT	1.0	26.7
12 FT	0.7	32.0



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

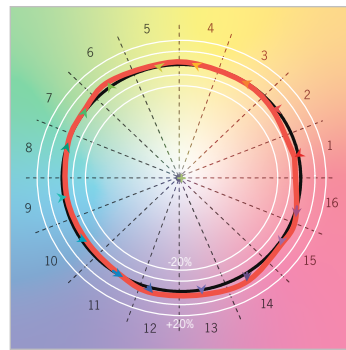
TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S21010503

Colors are for visual orientation purposes only

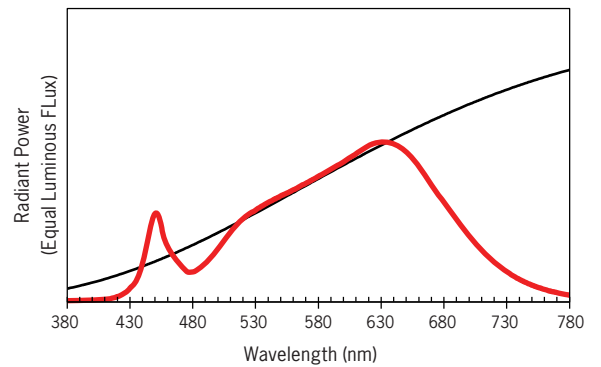
R_f	92
R_g	102
CCT(K)	3012K
D_{uv}	-0.0002
u^l	0.2502
v^l	0.5209

Color Vector Graphic

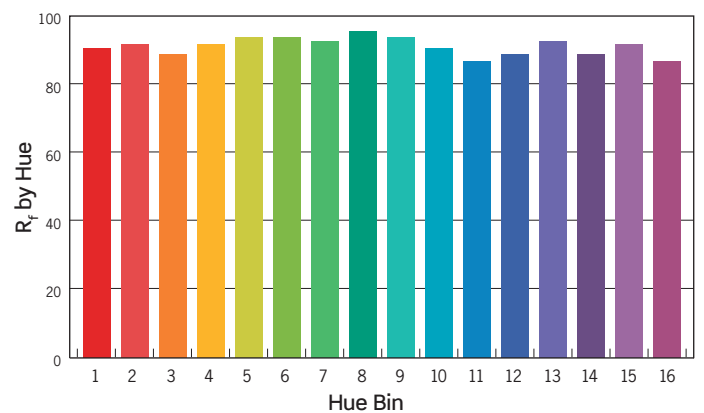
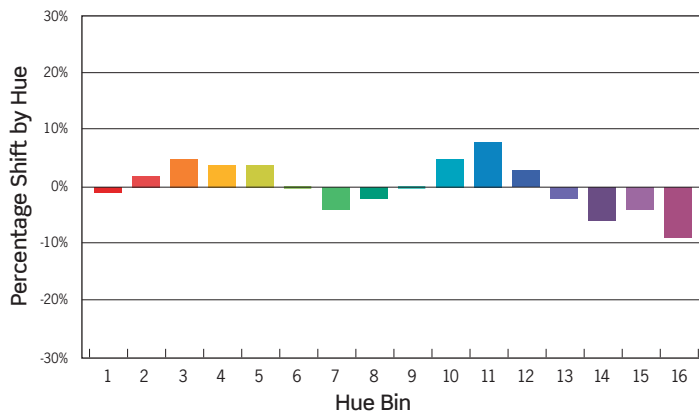


— Reference Illuminance — Test Source

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%	2%	6%	5%	4%	0%	-4%	-3%	0%	5%	10%	5%	0%	-4%	-5%	-10%
R _f VALUE	93	94	89	92	93	93	93	95	95	90	87	89	94	90	91	88

DATE

PROJECT

TYPE

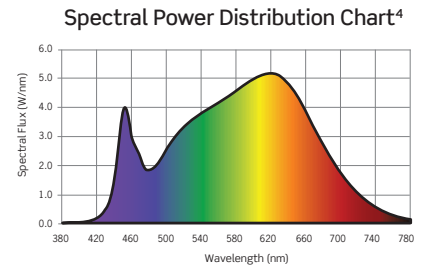
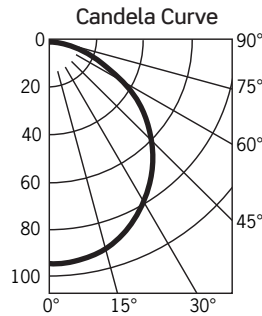
TLTAC | 120VAC Wet Loc. Indoor/Outdoor Flex LED Strip Light

PHOTOMETRICS

TLTACP1SS35K-001: 3500K, 1FT SAMPLE

Fixture Delivered Lumens: 280.0
 Total Watts@120V: 4.10
 Lumens Per Watt: 68.2
 Center Beam Candle Power: 95.0
 Beam Distribution: 107°
 Spacing Criterion: 1.3
 Color Rendering Index (CRI)1: 93
 Color Temperature (CCT)2: 3534K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21010507
 LM-79 Test No. S21012601

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	23.8	5.4
4 FT	5.9	10.8
6 FT	2.6	16.2
8 FT	1.5	21.5
10 FT	1.0	26.9
12 FT	0.7	32.3



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

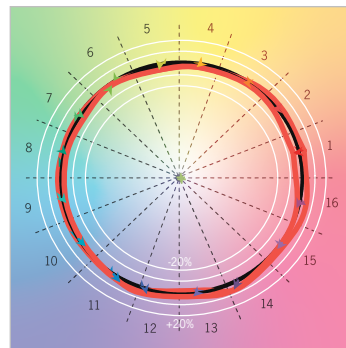
TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012601

Colors are for visual orientation purposes only

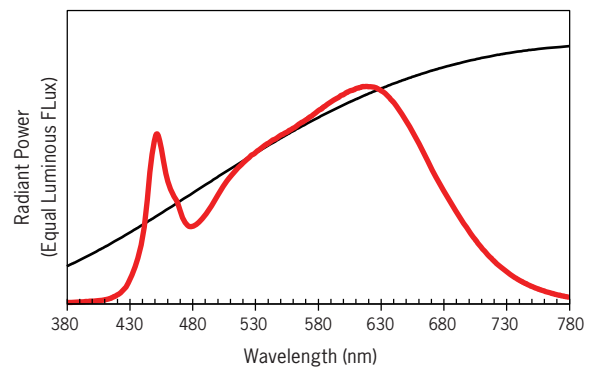
R_f	92
R_g	98
CCT(K)	3534K
D_{uv}	0.0004
u^l	0.2347
v^l	0.5112

Color Vector Graphic

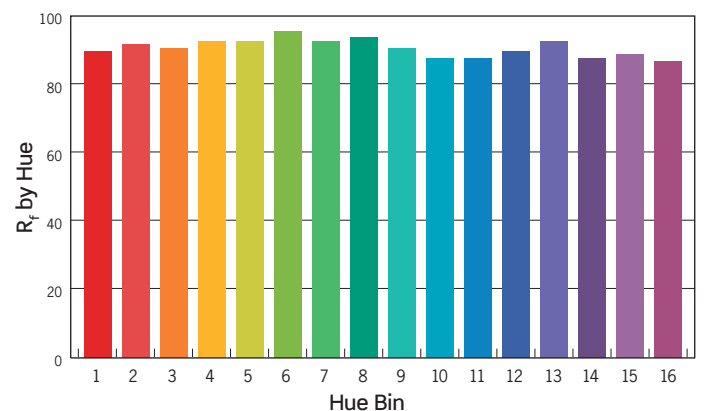
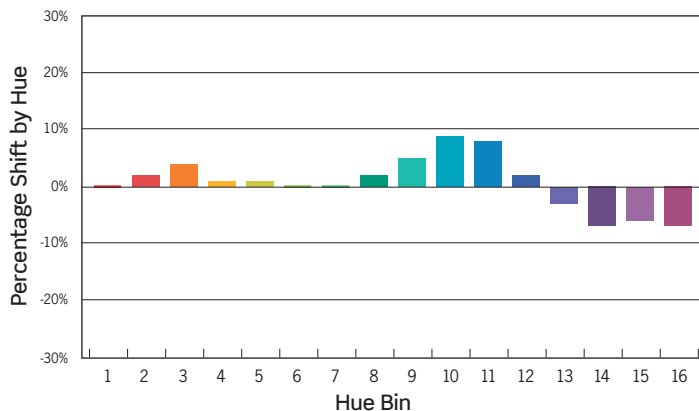


— Reference Illuminance — Test Source

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	0%	2%	4%	1%	1%	0%	0%	2%	5%	9%	8%	2%	-3%	-7%	-6%	-7%
R_f VALUE	91	93	92	94	94	97	94	95	92	87	87	91	94	89	90	88

DATE

PROJECT

TYPE

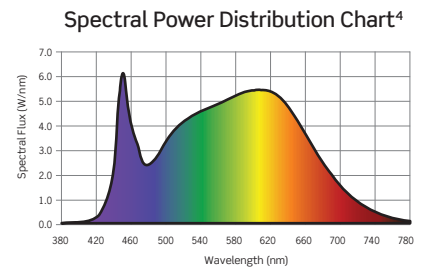
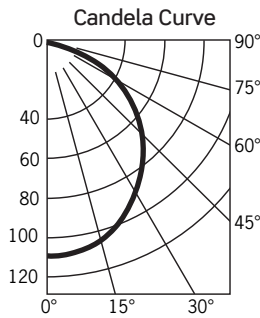
TLTAC | 120VAC Wet Loc. Indoor/Outdoor Flex LED Strip Light

PHOTOMETRICS

TLTACP1SS40K-001: 4000K, 1FT SAMPLE

Fixture Delivered Lumens: 320.2
 Total Watts@120V: 4.13
 Lumens Per Watt: 78.1
 Center Beam Candle Power: 19.0
 Beam Distribution: 105°
 Spacing Criterion: 1.2
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 4056K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21012506
 LM-79 Test No. S21010501

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2 FT	27.3	5.2
4 FT	6.8	10.4
6 FT	3.0	15.6
8 FT	1.7	20.1
10 FT	1.1	26.0
12 FT	0.8	31.2



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

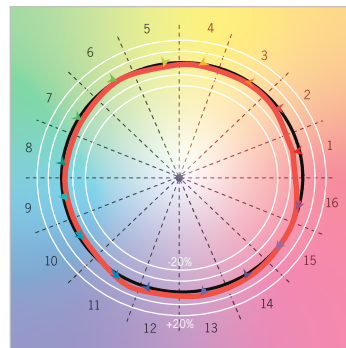
TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S21010501

Colors are for visual orientation purposes only

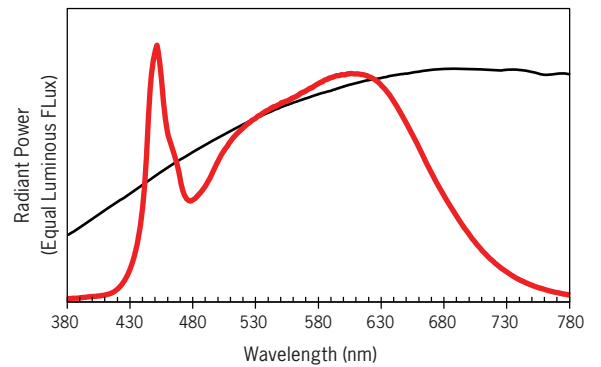
R_f	91
R_g	98
CCT(K)	4056K
D_{uv}	0.0010
u^l	0.2236
v^l	0.5017

Color Vector Graphic

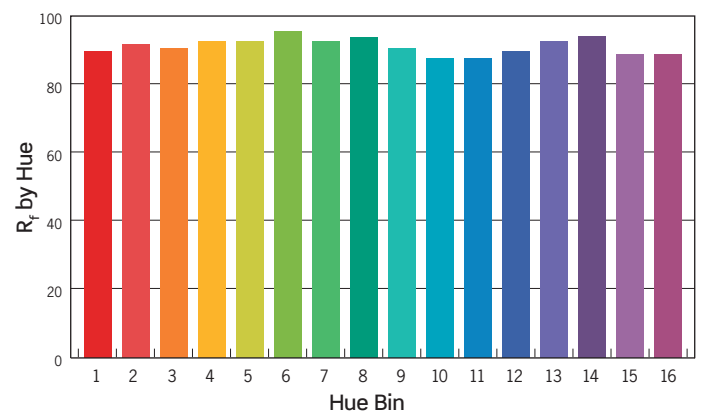
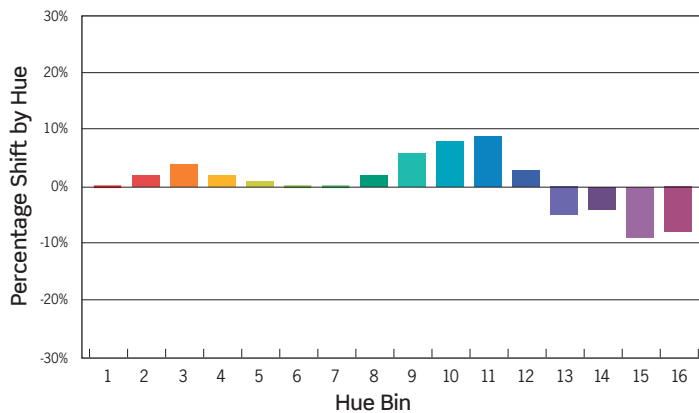


— Reference Illuminance — Test Source

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	0%	2%	4%	2%	1%	0%	0%	2%	6%	8%	9%	3%	-5%	-4%	-9%	-8%
R_f VALUE	90	92	90	93	93	97	95	93	90	86	85	90	91	93	86	86