# TILT 400 SX
## PENDANT

## PROJECT

**Job** _____

**Type** _____

**Part #** _____

**Notes**

## SPECIFICATIONS

| | |
|---|---|
| **Source** | Xicato XTM LED module - up to 3000 lumens |
| **Adjustability** | 360° pan, 30° locking tilt, field adjustable without tools |
| **CCT** | 2700K, 3000K, 3500K or 4000K |
| **Color Consistency** | 1x2 SDCM (MacAdam) along BBL, CCT +/- 40K to 70K, Duv +/- .001 |
| **CRI (Ra)** | 83 or 98 |
| **Driver / Location** | Included / Internal, remote or deep canopy location |
| **Dimming** | 0-10V or phase dimming to 10% standard; DALI, DMX and 1% dimming available |
| **Input Voltage** | 100 to 277VAC, phase dimmable versions are 120VAC only |
| **Power** | Up to 36 watts max, depending on LED module / driver |
| **Reflector** | 20°, 40° or 60° - field replaceable without tools |
| **Material** | CNC machined aluminum with stainless steel hardware |
| **Finish** | Powder coat - TGIC polyester for exterior and interior use |
| **Weight** | 7 lb. [3.2 kg] |
| **Location** | Listed for Damp locations |
| **Approvals** | ETL Listed to UL 1598, 2108, 8750 and CSA C22.2# 9 & #250.0 |
| **L80 Life** | > 50,000 hours at 80% lumen maintenance based on IESNA LM-80-08 |
| **Warranty** | Lifetime Limited Warranty - see warranty for details |
| **IES Files** | LM-79-08 IES files available |
| **Modifications** | Any modification or customization is possible - consult factory |

LED · INDOOR OUTDOOR · DIMMABLE · LIGHTSOURCE BY XICATO® · TITLE 24 COMPLIANT · ETL LISTED c US Intertek

## ORDERING LOGIC

| Model | Driver Location | Dimming | Mounting Location | Output | CRI * | C.C.T. | Reflector | Shell | Suspension | Options |
|---|---|---|---|---|---|---|---|---|---|---|
| **L4SP** - | | | | - | | | | - | | - |
| | **R**=Remote<br>**D**=Deep Canopy | **N**=None<br>**P**=Phase<br>**V**=0-10V<br>**Z**=Other | **D**=Damp | **07**=700 lm<br>**10**=950 lm<br>**13**=1300 lm<br>**20**=2000 lm<br>**30**=3000 lm | **83**=83<br>**98**=98* | **27**=2700K<br>**30**=3000K<br>**35**=3500K<br>**40**=4000K | **20**=20°<br>**40**=40°<br>**60**=60° | **XX**<br>(see chart on page 4)<br>**ZZ**=Custom | **BK**=Black Cord<br>**WH**=White Cord<br>**CB**=Clear Cord<br>**CC**=Colored Cord<br>add **/AC** to any cord for aircraft cable<br><br>**RS##**=Rigid Stem<br>**SS##**=Swivel Stem<br>## = length in inches | |

* 98 CRI not available in 3000 lm

Example Part Number: **L4SP-RND-20832740-S3BK**
TI**L**T **4**00 **S**X **P**endant **-** **R**emote Driver, **N**o dimming, **D**amp Location **-** **20**00 lm, **83** CRI, **27**00K, **40**° Reflector **- S3** Red Shell, **B**lac**K** Cord

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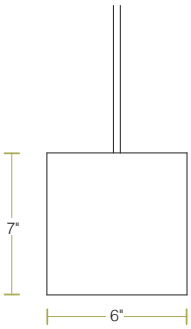
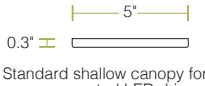
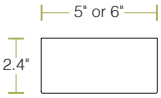
## DIMENSIONS




Standard shallow canopy for remote mounted LED drivers




Optional deep canopy for canopy mounted LED drivers
Order Code = **D**
Diameter depends on LED driver size

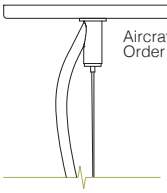
Standard cable length = 6'

Cable length is field adjustable

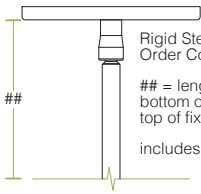
To order longer cable put length in options section at end of part number

All canopies fit standard 3.5" and 4" round and octagonal junction boxes

Not to scale, dimensions are nominal
Consult factory for CAD drawings



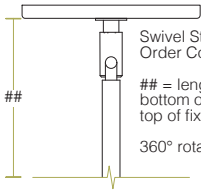
Aircraft Cable
Order Code = **/AC**




Rigid Stem
Order Code = **RS##**

## = length in inches from bottom of canopy to top of fixture

includes 10° hang straight




Swivel Stem
Order Code = **SS##**

## = length in inches from bottom of canopy to top of fixture

360° rotation x 90° tilt swivel

## LED OPTIONS

| Reflector Option | LES[1] | CRI | LED Specifications Lumens[2, 3, 4] | Wattage[5] (W) | Efficacy[6] (lm/W) |
|---|---|---|---|---|---|
| 20°, 40° & 60° | 19mm | Ra = 83 ± 3 | 700 | 5.6 | 129 |
| | | | 950 | 8.2 | 118 |
| | | | 1300 | 11.7 | 111 |
| | | | 2000 | 19.5 | 102 |
| | | | 3000 | 29.3 | 102 |
| | | Ra = 98<br>R9 ≥ 90<br>R15 ≥ 95 | 700 | 7.4 | 97 |
| | | | 950 | 10.9 | 89 |
| | | | 1300 | 15.6 | 83 |
| | | | 2000 | 26.4 | 76 |

1 LES: Light Emitting Surface diameter
2 ±10%
3 Source lumens - see photometrics on page 3 for LOR to calculate delivered lumens
4 Higher lumen outputs are available in CORE / QUBE 400 series
5 Maximum luminaire wattage including LED driver = LED wattage x 1.2
6 Higher efficacies are available via lower drive currents - consult factory

## CONTROL OPTIONS

| | |
|---|---|
| Standard LED Drivers* (included in base price) | Order Code **V** = 0-10V dimming to 10% |
| | Order Code **P** = Phase dimming to 10% Compatible with both forward and reverse phase dimmers |
| Premium LED Drivers* | eldoLED 0-10V, DALI, or DMX dimming to 0% |
| | Lutron Hi-lume™ A-series, EcoSystem or forward phase dimming to 1% |
| | Lutron Hi-lume™ 5-series, EcoSystem dimming to 5% |

* All LED drivers must be mounted in a deep canopy or remote
* Standard LED drivers are suitable for Wet Location
* Premium LED drivers are suitable for Damp Location
* For EM applications:
  All LED drivers may be used with 3rd party inverter style systems

## CORD OPTIONS

Black
Order Code = **BK**



White
Order Code = **WH**

Clear Silver Braid
Order Code = **CB**

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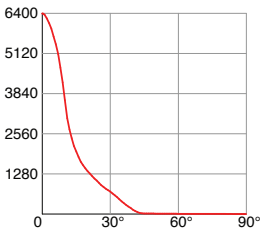
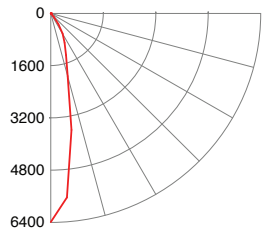
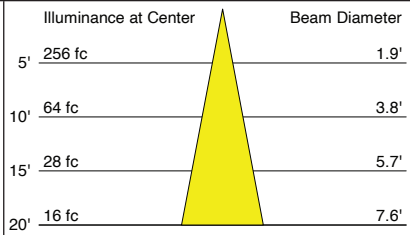
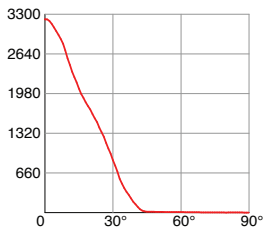
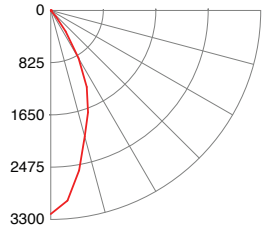
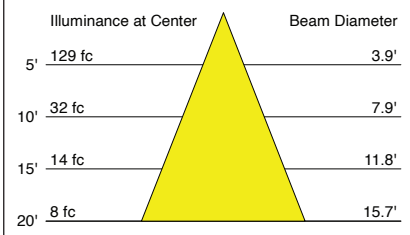
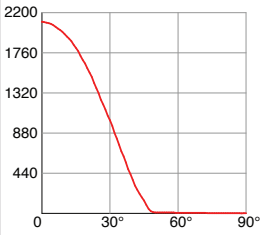
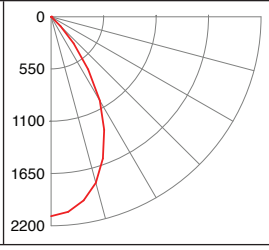
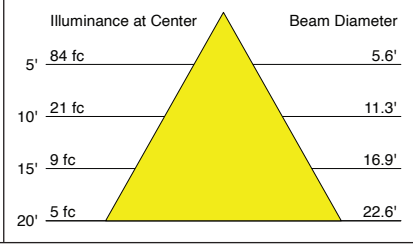
## PHOTOMETRICS

LM-79-08 IES files available

| Beam Angle | Order Code | Intensity Plot (cd) (2000lm) | Polar Plot (cd) (2000lm) | Cone Diagram (2000lm) | Description |
|---|---|---|---|---|---|
| 20° | **20** |  |  |  | CBCP = 3195 cd/klm<br>Beam Angle = 21°<br>Field Angle = 63°<br><br>LOR = 89.4 %<br><br>Beam = full width @ 50%<br>Field = full width @ 90% |
| 40° | **40** |  |  |  | CBCP = 1607 cd/klm<br>Beam Angle = 43°<br>Field Angle = 73°<br><br>LOR = 88.7 %<br><br>Beam = full width @ 50%<br>Field = full width @ 90% |
| 60° | **60** |  |  |  | CBCP = 1050 cd/klm<br>Beam Angle = 59°<br>Field Angle = 86°<br><br>LOR = 85.2 %<br><br>Beam = full width @ 50%<br>Field = full width @ 90% |

**Beam Shaping Options**

Add the order code shown below to the options box at the end of the part number:

| Order Code | Description |
|---|---|
| **-HL** | Honeycomb Louver |
| **-DF** | Diffusion Lens |
| **-SF** | Satin finish on any standard reflector |
| **-LS** | Linear Spread Lens (60° x 1°) |

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## COLOR OPTIONS

**Basic Powder Coat**

- **GW** Gloss White
- **SW** Satin White
  **AW** Antimicrobial option
- **TW** Textured Matte White
- **TB** Textured Matte Black

**Satin Anodized Effect Powder Coat**

- **CS** Clear Silver
- **OB** Oil-Rubbed Bronze
- **DB** Dark Bronze
- **SB** Satin Black

**Metallic Powder Coat**

- **SG** Silver Gray
- **CG** Charcoal Gray
- **CU** Copper
- **BR** Brass

**Gloss Powder Coat (80-95% Gloss)**

- **GO** Orange (RAL 2003)
- **GR** Red (RAL 3020)
- **GM** Magenta (RAL 4010)
- **GB** Blue (RAL 5015)

**Aluminum**

**BA**
Brushed Aluminum
Cost adder applies.

**Special Order**

**RAL _ _ _ _**
Most RAL Classic Colors (80-95% Gloss) are available for powder coat - consult ALW. Minimum setup fee applies.
See: alwusa.com/finishes for more information

**CAT _ _ _ _**
The complete range of powder coat colors from the Tiger Drylac and TCI catalogs are available - consult ALW. Minimum setup fee applies.

**Custom**

**CCM _ _ _ _**
Custom powder coat color matching is available - consult ALW.
Premium setup fee applies.

Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying

Note: An individual setup fee will apply to each unique Special Order/Custom Finish per purchase order.
(ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase orer. 2x setup fees will apply)

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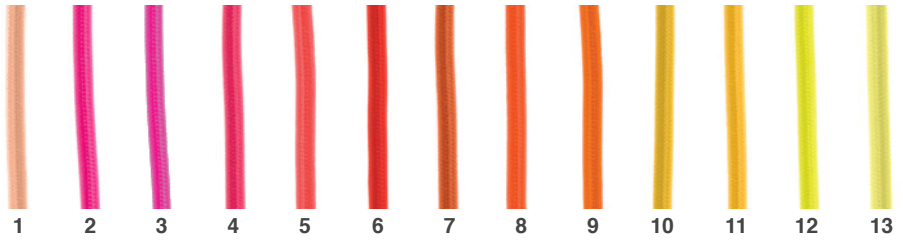
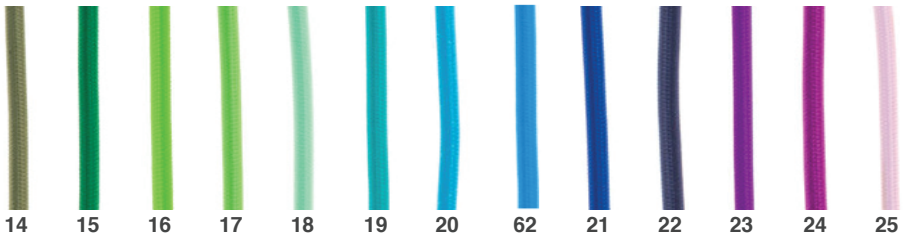
### CLOTH CORD COLOR OPTIONS

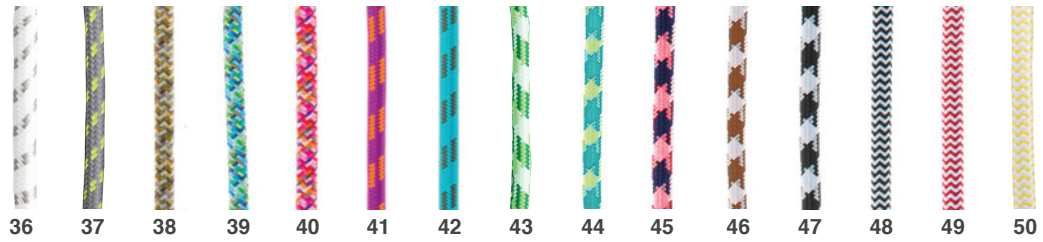
For dry and damp locations only



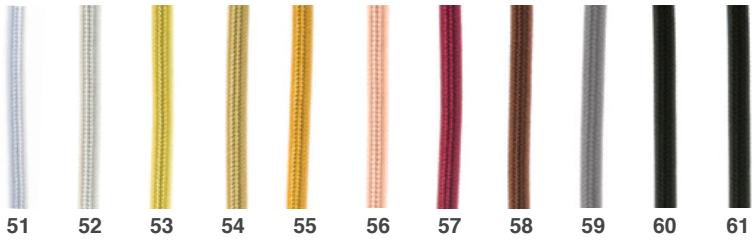
#### Solid Color Cloth Cords

1. Peach
2. Pink
3. Neon Pink
4. Hot Pink
5. Neon Coral
6. Red
7. Adobe
8. Orange
9. Neon Orange
10. Goldenrod
11. Sunshine Yellow
12. Neon Yellow
13. Citrus Yellow
14. Olive Green
15. Kelly Green
16. Neon Green
17. Lime Green
18. Mint Green
19. Turquoise
20. Skyblue
62. Electric Blue
21. Cobalt Blue
22. Navy
23. Purple
24. Magenta
25. Blush
26. White
27. Silver
28. Gray
29. Black
30. Antique Brown
31. Chocolate Brown
32. Flax
33. Khaki
34. Sand
35. Ivory




#### Patterned Cloth Cords

36. White & Gray Dot
37. Gray & Citrus Yellow Dot
38. Neutral Tweed
39. Cool Tweed
40. Warm Tweed
41. Magenta & Orange Stripe
42. Turquoise & Brown Stripe
43. Green Argyle
44. Turq. & Yellow Houndstooth
45. Navy & Coral Houndstooth
46. Brown & Ivory Houndstooth
47. Black & White Houndstooth
48. Black & White Zigzag
49. Red & White Zigzag
50. Yellow & White Zigzag




#### Metallic Cloth Cords

51. Pearl Metallic
52. Champagne Metallic
53. Yellow Gold Metallic
54. Brass Metallic
55. Copper Metallic
56. Copper Penny
57. Currant Metallic
58. Bronze Metallic
59. Gunmetal
60. Black Patent
61. Black Satin

Specify **cloth cord color** in option section at the end of the part number
Printed or on-screen colors are only approximations - consult sample before specifying