



# TUBE 200 LX PENDANT

## PROJECT

<b>Job</b>	_____	<b>Notes</b>
<b>Type</b>	_____	
<b>Part #</b>	_____	

## SPECIFICATIONS

- Source** Xicato XTM LED module - up to 2000 lumens
- 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 / Remote mount or deep canopy options
- 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 24 watts max, depending on LED module / driver
- Diffuser** Satinice Acrylic
- Material** CNC machined aluminum, stainless steel hardware
- Finish** Powder coat - TGIC polyester for exterior and interior use
- Weight** 2 lb. [0.9 kg]
- Location** Listed for Wet & 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



## ORDERING LOGIC

Model	Driver Location	Dimming	Mounting Location	Output	CRI *	C.C.T.	Tube Length	Shell Color	Suspension	Options
<b>T2LP -</b>										
	<b>R</b> =Remote <b>D</b> =Deep Canopy	<b>N</b> =None <b>P</b> =Phase <b>V</b> =0-10V <b>Z</b> =Other <b>POE/NULEDS</b>	<b>D</b> =Damp <b>W</b> =Wet	<b>07</b> =700 lm <b>10</b> =950 lm <b>13</b> =1300 lm <b>20</b> =2000 lm	<b>83</b> =83 <b>98</b> =98*	<b>27</b> =2700K <b>30</b> =3000K <b>35</b> =3500K <b>40</b> =4000K	<b>22</b> =22" <b>46</b> =46" <b>70</b> =70" <b>94</b> =94" <b>ZZ</b> =Custom	<b>XX</b> (see chart on page 4) <b>ZZ</b> =Custom	<b>BK</b> =Black Cord <b>WH</b> =White Cord <b>CB</b> =Clear Cord <b>CC</b> =Colored Cord	<b>RS##</b> =Rigid Stem <b>SS##</b> =Swivel Stem ## = length in inches

\* 98 CRI not available in 2000 lm

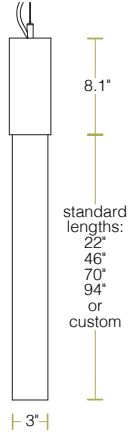
Example Part Number: **T2LP-RND-138327-46S3BK**

**TUBE 200 LX** Pendant - **R**emote Driver, **N**o Dimming, **D**amp Location - **1300** lm, **83** CRI, **2700K** - **46"** Tube, **S3** Red Shell, **Bla**ck Cord

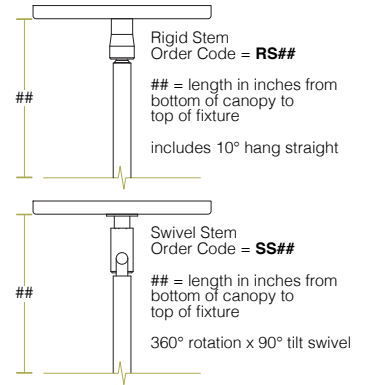
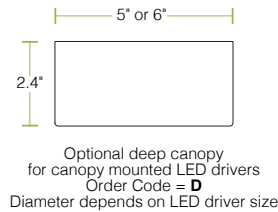
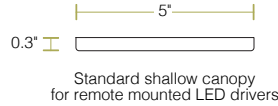


# TUBE 200 LX PENDANT

## DIMENSIONS



Standard suspension is aircraft cable + cord  
 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  
 Custom diffuser tube lengths may be specified. Max length = 94"  
 Not to scale, dimensions are nominal  
 Consult factory for CAD drawings



## LED OPTIONS

LED Specifications			
CRI	Lumens <sup>1,2,3</sup>	Wattage <sup>4</sup> (W)	Efficacy <sup>5</sup> (lm/W)
Ra = 83 ±3	700	5.6	129
	950	8.2	118
	1300	11.7	111
	2000	19.5	102
Ra = 98 R9 ≥ 90 R15 ≥ 95	700	7.4	97
	950	10.9	89
	1300	15.6	83

- <sup>1</sup> ±10%
- <sup>2</sup> Source lumens - see photometrics on page 3 for LOR to calculate delivered lumens
- <sup>3</sup> Higher lumen outputs are available in CORE / QUBE 300 and 400 series
- <sup>4</sup> Maximum luminaire wattage including LED driver = LED wattage x 1.2
- <sup>5</sup> Higher efficacies are available via lower drive currents - consult factory

## CONTROL OPTIONS

Standard LED Drivers* (included in base price)	Order Code <b>V</b> = 0-10V dimming to 10%
	Order Code <b>P</b> = Phase dimming to 10% Compatible with both forward and reverse phase dimmers
Optional 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
- \* Optional 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**

For all locations



White  
Order Code = **WH**

For all locations



Clear Silver Braid  
Order Code = **CB**

For dry and damp locations only



Cloth Cover  
Order Code = **CC**

For dry and damp locations only

Specify cloth cord color in option section at the end of the part number



# TUBE 200 LX PENDANT

## PHOTOMETRICS

LM-79-08 IES files available

Tube Length	Order Code	Intensity Plot (cd) (1000lm)	Polar Plot (cd) (1000lm)	Cone Diagram (1000lm)										
22"	<b>22</b>			<table border="0"> <tr> <th>Beam Diameter</th> <th>Illuminance at Center</th> </tr> <tr> <td>0.6'</td> <td>109 fc</td> </tr> <tr> <td>1.2'</td> <td>27 fc</td> </tr> <tr> <td>1.8'</td> <td>12 fc</td> </tr> <tr> <td>2.4'</td> <td>7 fc</td> </tr> </table>	Beam Diameter	Illuminance at Center	0.6'	109 fc	1.2'	27 fc	1.8'	12 fc	2.4'	7 fc
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46"	<b>46</b>			<table border="0"> <tr> <th>Beam Diameter</th> <th>Illuminance at Center</th> </tr> <tr> <td>0.5'</td> <td>68 fc</td> </tr> <tr> <td>1.0'</td> <td>17 fc</td> </tr> <tr> <td>1.4'</td> <td>8 fc</td> </tr> <tr> <td>1.9'</td> <td>4 fc</td> </tr> </table>	Beam Diameter	Illuminance at Center	0.5'	68 fc	1.0'	17 fc	1.4'	8 fc	1.9'	4 fc
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70"	<b>70</b>			<table border="0"> <tr> <th>Beam Diameter</th> <th>Illuminance at Center</th> </tr> <tr> <td>0.5'</td> <td>34 fc</td> </tr> <tr> <td>1.0'</td> <td>8 fc</td> </tr> <tr> <td>1.4'</td> <td>4 fc</td> </tr> <tr> <td>1.9'</td> <td>2 fc</td> </tr> </table>	Beam Diameter	Illuminance at Center	0.5'	34 fc	1.0'	8 fc	1.4'	4 fc	1.9'	2 fc
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# TUBE 200 LX PENDANT

## COLOR OPTIONS

Standard finishes are available at no additional charge and no extended lead time for standard configurations.

### STANDARD FINISHES



Brushed Aluminum



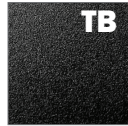
Aluminum Silver Anodized Effect



Satin White



Satin Black



Textured Black

### PREMIUM FINISHES

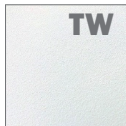
#### BASIC POWDER COAT



Gloss White

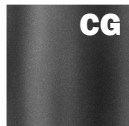


Antimicrobial Gloss White

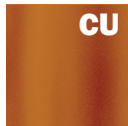


Textured Matte White

#### METALLIC POWDER COAT



Charcoal Gray

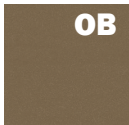


Copper



Brass

#### SATIN ANODIZED EFFECT POWDER COAT



Oil-Rubbed Bronze



Dark Bronze

#### GLOSS POWDER COAT (80-95% GLOSS)



Orange  
RAL 2003



Red  
RAL 3020



Magenta  
RAL 4010



Blue  
RAL 5015

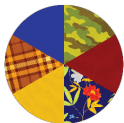
Contact ALW Quotes for sample paint finish swatches.

## SPECIAL ORDER FINISHES\*



### RAL CLASSIC COLORS (80-95% GLOSS): RAL\_ \_ \_ \_

Most RAL Classic Colors are available for a minimum setup fee. On your specification submittal choose your RAL color by entering the 4-digit RAL code (Ex: RAL 3003). See [www.alw-inc.com/resources/finishes](http://www.alw-inc.com/resources/finishes)



### CUSTOM COLOR MATCH: CCM\_ \_ \_ \_

Custom powder coat color matching is available for a premium setup fee. Consult ALW for additional information.

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

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



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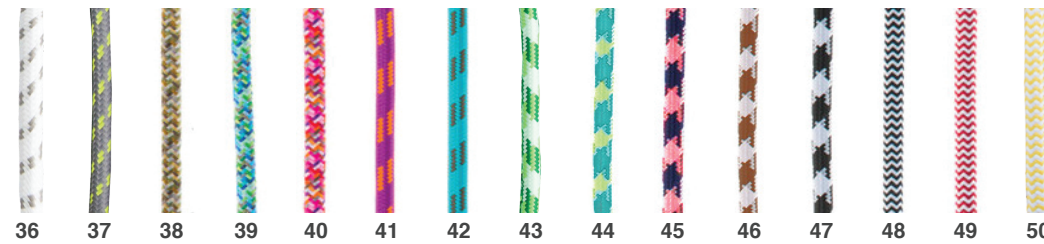
## CLOTH CORD COLOR OPTIONS

For dry and damp locations only



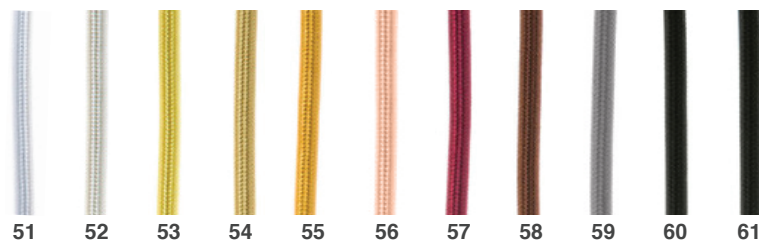
### Solid Color Cloth Cords

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