



TUBE 300 SX SCONCE

PROJECT

| | | |
|---------------|-------|--------------|
| Job | _____ | Notes |
| Type | _____ | |
| Part # | _____ | |

SPECIFICATIONS

- Source** Xicato XTM LED module - up to 3000 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 36 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** 4 lb. [1.8 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 | Options |
|-------------|--|---|---------------------------------|--|---------------------------------|--|---|---|---------|
| T3SS | | | | | | | | | |
| | R =Remote D =Deep Canopy | N =None P =Phase V =0-10V Z =Other | D =Damp W =Wet | 07 =700 lm 10 =950 lm 13 =1300 lm 20 =2000 lm 30 =3000 lm | 83 =83 98 =98* | 27 =2700K 30 =3000K 35 =3500K 40 =4000K | 22 =22" 46 =46" 70 =70" 94 =94" ZZ =Custom | XX (see chart on page 4) ZZ =Custom | |

* 98 CRI not available in 3000 lm

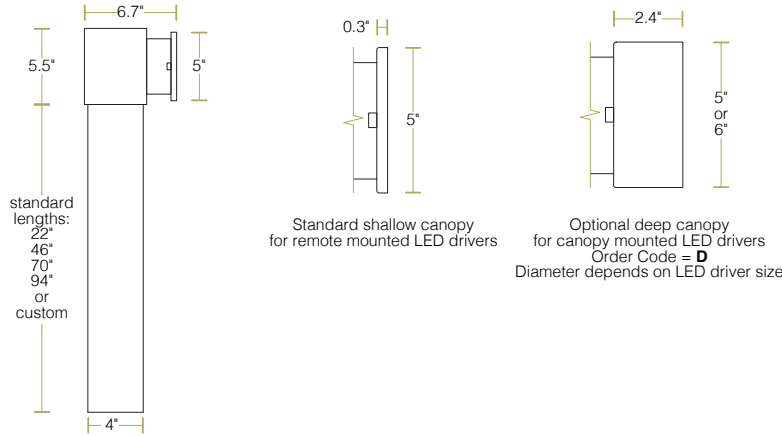
Example Part Number: **T3SS-RND-208327-22S3**

TUBE 300 SX Sconce - **R**emote Driver, **N**o Dimming, **D**amp Location - **2000** lm, **83** CRI, **2700K** - **22'** Tube, **S3** Red Shell



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DIMENSIONS



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 ^{1,2,3} | Wattage ⁴ (W) | Efficacy ⁵ (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 | 3000 | 29.3 | 102 |
| | 700 | 7.4 | 97 |
| | 950 | 10.9 | 89 |
| | 1300 | 15.6 | 83 |
| 2000 | 26.4 | 76 | |

¹ ±10%

² Source lumens - see photometrics on page 3 for LOR to calculate delivered lumens

³ Higher lumen outputs are available in CORE / QUBE 400 series

⁴ Maximum luminaire wattage including LED driver = LED wattage x 1.2

⁵ 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 |
| 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



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PHOTOMETRICS

LM-79-08 IES files available

| Tube Length | Order Code | Intensity Plot (cd) (2000lm) | Polar Plot (cd) (2000lm) | Cone Diagram (2000lm) | | | | | | | | | | |
|---------------|------------|---------------------------------|-----------------------------|---|---------------|--|----|--------|-----|-------|-----|-------|-----|-------|
| 22" | 22 | | | <table border="0"> <tr> <td>Beam Diameter</td> <td></td> </tr> <tr> <td>5'</td> <td>287 fc</td> </tr> <tr> <td>10'</td> <td>72 fc</td> </tr> <tr> <td>15'</td> <td>32 fc</td> </tr> <tr> <td>20'</td> <td>18 fc</td> </tr> </table> | Beam Diameter | | 5' | 287 fc | 10' | 72 fc | 15' | 32 fc | 20' | 18 fc |
| Beam Diameter | | | | | | | | | | | | | | |
| 5' | 287 fc | | | | | | | | | | | | | |
| 10' | 72 fc | | | | | | | | | | | | | |
| 15' | 32 fc | | | | | | | | | | | | | |
| 20' | 18 fc | | | | | | | | | | | | | |
| 46" | 46 | | | <table border="0"> <tr> <td>Beam Diameter</td> <td></td> </tr> <tr> <td>5'</td> <td>211 fc</td> </tr> <tr> <td>10'</td> <td>53 fc</td> </tr> <tr> <td>15'</td> <td>23 fc</td> </tr> <tr> <td>20'</td> <td>13 fc</td> </tr> </table> | Beam Diameter | | 5' | 211 fc | 10' | 53 fc | 15' | 23 fc | 20' | 13 fc |
| Beam Diameter | | | | | | | | | | | | | | |
| 5' | 211 fc | | | | | | | | | | | | | |
| 10' | 53 fc | | | | | | | | | | | | | |
| 15' | 23 fc | | | | | | | | | | | | | |
| 20' | 13 fc | | | | | | | | | | | | | |
| 70" | 70 | | | <table border="0"> <tr> <td>Beam Diameter</td> <td></td> </tr> <tr> <td>5'</td> <td>125 fc</td> </tr> <tr> <td>10'</td> <td>31 fc</td> </tr> <tr> <td>15'</td> <td>14 fc</td> </tr> <tr> <td>20'</td> <td>8 fc</td> </tr> </table> | Beam Diameter | | 5' | 125 fc | 10' | 31 fc | 15' | 14 fc | 20' | 8 fc |
| Beam Diameter | | | | | | | | | | | | | | |
| 5' | 125 fc | | | | | | | | | | | | | |
| 10' | 31 fc | | | | | | | | | | | | | |
| 15' | 14 fc | | | | | | | | | | | | | |
| 20' | 8 fc | | | | | | | | | | | | | |
| 94" | 94 | | | <table border="0"> <tr> <td>Beam Diameter</td> <td></td> </tr> <tr> <td>5'</td> <td>75 fc</td> </tr> <tr> <td>10'</td> <td>19 fc</td> </tr> <tr> <td>15'</td> <td>8 fc</td> </tr> <tr> <td>20'</td> <td>5 fc</td> </tr> </table> | Beam Diameter | | 5' | 75 fc | 10' | 19 fc | 15' | 8 fc | 20' | 5 fc |
| Beam Diameter | | | | | | | | | | | | | | |
| 5' | 75 fc | | | | | | | | | | | | | |
| 10' | 19 fc | | | | | | | | | | | | | |
| 15' | 8 fc | | | | | | | | | | | | | |
| 20' | 5 fc | | | | | | | | | | | | | |



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COLOR OPTIONS

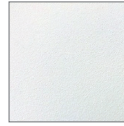
Basic Powder Coat



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



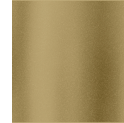
SG
Silver Gray



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 order. 2x setup fees will apply)



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SCONCE