TUBE 300 LX
SURFACE MOUNT

ALW

PROJECT

Job	_____
Type	_____
Part #	_____

Notes

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 / Internal with remote 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	5 lb. [2.3 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

LED | INDOOR OUTDOOR | WET LOCATION | DIMMABLE | lumenetix | LIGHTSOURCE BY XICATO® | TITLE 24 COMPLIANT | c ETL us Intertek | NuLEDs

ORDERING LOGIC

Model	Driver Location	Dimming	Mounting Location	Output	CRI *	C.C.T.	Tube Length	Shell Color	Options
T3LM -			-				-		-
	N=Internal	**N**=None	**D**=Damp	**07**=700 lm	**83**=83	**27**=2700K	**22**=22"	**XX**	
	R=Remote	**P**=Phase	**W**=Wet	**10**=950 lm	**98**=98*	**30**=3000K	**46**=46"	(see chart on page 4)	
	D=Deep Canopy	**V**=0-10V		**13**=1300 lm		**35**=3500K	**70**=70"		
		Z=Other		**20**=2000 lm		**40**=4000K	**94**=94"	**ZZ**=Custom	
				30=3000 lm			**ZZ**=Custom		

* 98 CRI not available in 3000 lm
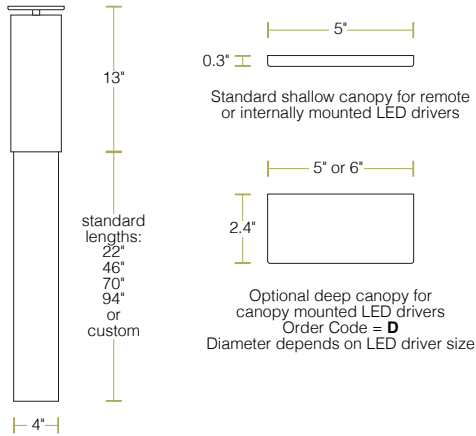
Example Part Number: **T3LM-NND-208327-46S3**

TUBE **3**00 **L**X Surface **M**ount - **IN**ternal Driver, **N**o Dimming, **D**amp Location - **20**00 lm, 83 CRI, **27**00K - **46**" Tube, **S3** Red Shell

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DIMENSIONS

13"

standard lengths:
22"
46"
70"
94"
or custom

4"

5"

0.3"

Standard shallow canopy for remote or internally mounted LED drivers

5" or 6"

2.4"

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

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
	3000	29.3	102
Ra = 98 R9 ≥ 90 R15 ≥95	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%

* 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**			Illuminance at Center / Beam Diameter 5': 287 fc — 0.7' 10': 72 fc — 1.4' 15': 32 fc — 2.1' 20': 18 fc — 2.8'
46"	**46**			Illuminance at Center / Beam Diameter 5': 211 fc — 0.5' 10': 53 fc — 1.0' 15': 23 fc — 1.5' 20': 13 fc — 2.0'
70"	**70**			Illuminance at Center / Beam Diameter 5': 125 fc — 0.5' 10': 31 fc — 1.0' 15': 14 fc — 1.4' 20': 8 fc — 1.9'
94"	**94**			Illuminance at Center / Beam Diameter 5': 75 fc — 0.5' 10': 19 fc — 1.0' 15': 8 fc — 1.4' 20': 5 fc — 1.9'

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COLOR OPTIONS

Basic Powder Coat

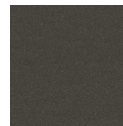|	
GW Gloss White	
SW Satin White	**AW** Antimicrobial option
TW Textured Matte White	
TB Textured Matte Black	
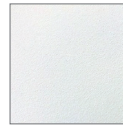
Satin Anodized Effect Powder Coat

- **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)