PROJECT

Job _____

Type _____

Part # _____

Notes

SPECIFICATIONS

Source	Xicato XTM LED module - up to 2000 lumens
C.C.T.	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
Reflecto	20°, 40° or 60° - field replaceable without tool
Material	CNC machined aluminum with stainless steel hardware
Finish	Powder coat - TGIC polyester for exterior and interior use
Weight	2.1 lb. [0.95 kg], ADA Compliant Version 1.8 lb. [0.8 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 at www.v2LightingGroup.com/download
Modification	Any modification or customization is possible - consult factory

LED | INDOOR OUTDOOR | WET LOCATION | DIMMABLE | LIGHTSOURCE BY XICATO® | MADE IN U.S.A. | TITLE 24 COMPLIANT | ETL LISTED c US | Intertek 4001580

ORDERING LOGIC

Model	Driver Location	Dimming	Mounting Location	Output	CRI *	C.C.T.	Reflector	Shell Color	Options
Q2SS -			-				-		-
	R=Remote	**N**=None	**D**=Damp	**07**=700lm	**83**=83	**27**=2700K	**20**=20°	**XX**	**ADA**=ADA Compliant
	D=Deep	**P**=Phase	**W**=Wet	**10**=950lm	**98**=98*	**30**=3000K	**40**=40°	(see chart on page 4)	
	Canopy	**V**=0-10V		**13**=1300lm		**35**=3500K	**60**=60°		
		Z=Other		**20**=2000lm		**40**=4000K		**ZZ**=Custom	

* 98 CRI not available in 2000 lm

Example Part Number: **Q2SS-RND-13832740-S3**
QUBE **2**00 **S**X **S**conce - **R**emote Driver, **N**o Dimming, **D**amp Location - **13**00 lm, **83** CRI, **27**00K, **40°** Reflector - **S3** Red Shell

DIMENSIONS

Non-ADA   0.3"   ADA Compliant

5"   5"

3.5"   2.2"   4"

2.4"

5" or 6"
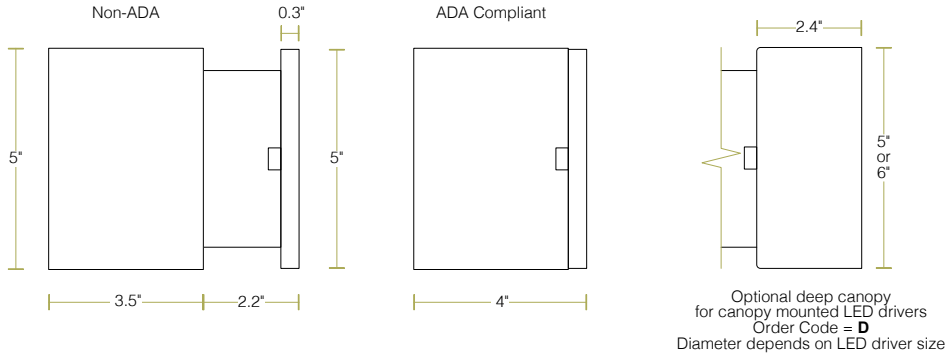
All canopies fit standard 3.5" and 4" round and octagonal junction boxes

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

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

LED OPTIONS

Reflector Option	LES[1]	LED Specifications			
		CRI	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
		Ra = 98 R9 ≥ 90 R15 ≥ 95	700	7.4	97
			950	10.9	89
			1300	15.6	83

[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 300 and 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
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

PHOTOMETRICS

LM-79-08 IES files available at www.v2LightingGroup.com/downloads

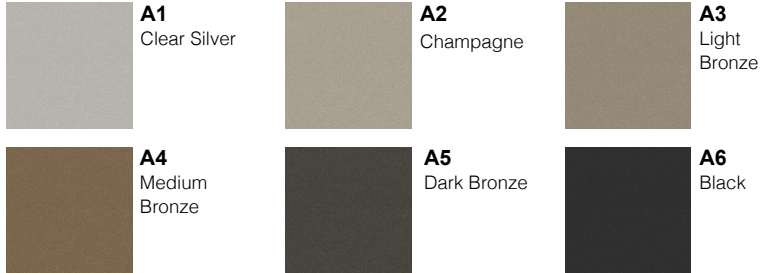| Beam Angle	Order Code	Intensity Plot (cd) (1300lm)	Polar Plot (cd) (1300lm)	Cone Diagram (1300lm)			Description
20°	**20**			Illuminance at Center		Beam Diameter	CBCP = 3195 cd/klm Beam Angle = 21° Field Angle = 63° LOR = 89.4% Beam = full width @ 50% Field = full width @ 90%
				5'	166 fc	1.9'	
				10'	42 fc	3.8'	
				15'	18 fc	5.7'	
				20'	10 fc	7.6'	
40°	**40**			Illuminance at Center		Beam Diameter	CBCP = 1607 cd/klm Beam Angle = 43° Field Angle = 73° LOR = 88.7% Beam = full width @ 50% Field = full width @ 90%
				5'	84 fc	3.9'	
				10'	21 fc	7.9'	
				15'	9 fc	11.8'	
				20'	5 fc	15.7'	
60°	**60**			Illuminance at Center		Beam Diameter	CBCP = 1050 cd/klm Beam Angle = 59° Field Angle = 86° LOR = 85.2% Beam = full width @ 50% Field = full width @ 90%
				5'	55 fc	5.6'	
				10'	14 fc	11.3'	
				15'	6 fc	16.9'	
				20'	3 fc	22.6'	

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°)
-WW	Wall Wash Lens (shifts beam 20° from vertical)

COLOR OPTIONS

Anodized Effect

A1 Clear Silver	**A2** Champagne	**A3** Light Bronze
A4 Medium Bronze	**A5** Dark Bronze	**A6** Black

Metallic

M1 Pearl	**M2** Sea Foam	**M3** Forest Gray	**M4** Charcoal Gray
M5 Gunmetal Gray	**M6** Dove Gray	**M7** Old Copper	**M8** Old Brass

Basic

L1 Gloss White	**L2** Gloss Light Gray	**L3** Gloss Dark Gray	**L4** Gloss Black
T1 Textured Matte White	**T2** Textured Matte Light Gray	**T3** Textured Metallic Dark Gray	**T4** Textured Matte Black

Sparkle

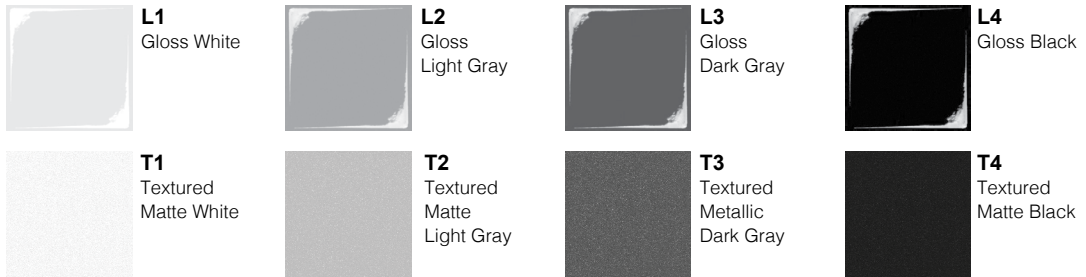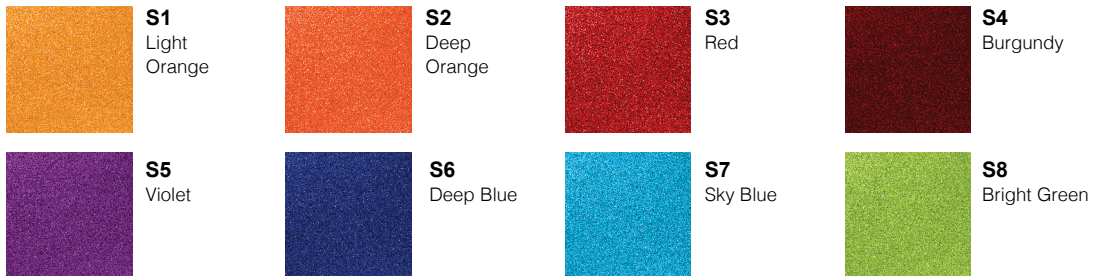|			
S1 Light Orange	**S2** Deep Orange	**S3** Red	**S4** Burgundy
S5 Violet	**S6** Deep Blue	**S7** Sky Blue	**S8** Bright Green

The complete range of powder coat colors from Tiger Drylac is available - consult factory
Custom match powder coat colors are available - consult factory
Printed or on-screen colors are only approximations - consult v2 Color Chip Set Rev.4 before specifying