ALW

PROJECT

Job

Type

Part #

Notes

SPECIFICATIONS

Source	Xicato XTM LED module - up to 3000 source lumens in each direction
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 to 10% standard; Ecosystem, DALI, DMX and 1% available
Input Voltage	100 to 277VAC (347VAC consult factory), phase dimmable versions are 120VAC only
Power	Up to 72 watts max, depending on LED module / driver
Reflector	Down: 11°, 25°, 41°, 51° & 83°, Up: Medium, Wide - field replaceable without tools
Materials	CNC machined aluminum with stainless steel hardware
Finish	Powder coat - TGIC polyester for interior use
Weight	8.5 lb. [3.9 kg]
Location	Listed for Damp locations
Approvals	ETL Listed to UL 1598, 2108, 8750 and CSA C22.2# 9 & #250.0
L70 Life	> 55,000 hours at 70% lumen maintenance, LM80 / TM-21, see pg 2
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 | DAMP LOCATION | DIMMABLE | LIGHTSOURCE BY XICATO® | TITLE 24 COMPLIANT | ETL LISTED c US | Intertek

ORDERING LOGIC

Model	Driver Location	# of Circuits	Dimming	Up				Down				Down Optical Accessory	Shell Color	Suspension	Stem and Canopy Color	Options
				Output	CRI	CCT	Beam	Output	CRI	CCT	Beam					
I6RT -			-				-					-				-

Model	Driver Location	# of Circuits	Dimming	Output (Up)	CRI (Up)	Beam (Up)	Output (Down)	CRI (Down)	Beam (Down)	Down Optical Accessory	Shell Color	Suspension	Stem and Canopy Color
I6RT	**N**=Internal*	**1**=1	**N**=None	**83**=83	**M**=Medium	**83**=83	**11**=11°		**XX**=v2 color (see pg 5)	**RS##**=Rigid Stem	**XX**=v2 color (see pg 5)
	R=Remote	**2**=2	**P**=Phase 10%	**98**=98	**W**=Wide	**98**=98	**25**=25°		**ZZ**=Custom	**SS##**=Swivel Stem	**ZZ**=Custom
	D=Deep Canopy	* 1 circuit only	**V**=0-10V 10%					**41**=41°			## = length in inches	
								51=51°				
								83=83°				

Premium Drivers (Remote/Deep Canopy)

Z1=eldoLED 0-10V, 0%	**07**=700 lm	**27**=2700K	**07**=700 lm	**27**=2700K	**NN**=None		
Z2=eldoLED DALI, 0%	**10**=965 lm	**30**=3000K	**10**=965 lm	**30**=3000K	**DF**=Diffuser		
Z3=eldoLED DMX, 0%	**13**=1300 lm	**35**=3500K	**13**=1300 lm	**35**=3500K	**LS**=Spread Lens		
Z4=Lutron Hi-Lume™ LDE1, 0-10V, 0%	**20**=2000 lm	**40**=4000K	**20**=2000 lm	**40**=4000K	**HL**=Hex Louver		
Z5=Lutron Hi-Lume™ LTEA, Phase, 1%	**30**=3000 lm*		**30**=3000 lm*				
Z6=Lutron 5-Series™ LDE5, 0-10V, 5%	* 83 CRI only		* 83 CRI only				

OR

BK=Black Cord
WH=White Cord
CB=Clear Silver Braid Cord
Note: canopy matches shell

Example Part Number: **I6RT-N1V-209827M-30983051NN-T4-RS36A1**

INZA 6" **R**ound Pendant **T - IN**tegrated Driver, **1** Circuit, 0-10**V** Dim - Up: **20**00lm, **98**CRI, **27**00K, **M**edium - Down: **30**00lm, **98**CRI, **30**00K, **51°** **NN** No diffuser **- T4** Textured Matte Black Shell **- RS** Rigid Stem 36" A1

ALW

DIMENSIONS

15.4"

6"

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**
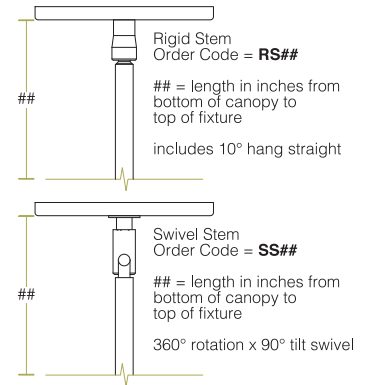Diameter depends on LED driver size
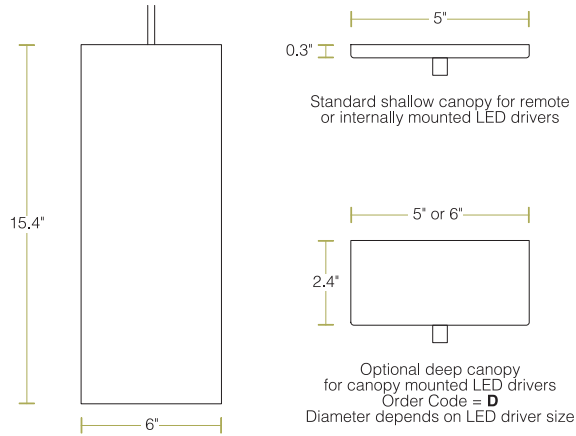
Standard cable length = 6'

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

##

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	LED Specifications					
Option	LES[1]	L70[2]	CRI	Lumens[3,4]	Wattage[5]	Efficacy[6] (lm/W)
Down: 11°,25°,41°, 51° & 83° Up: Medium, Wide	19mm	> 55,000 hours	Ra = 83 ±3	700	5.6	129
				965	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
				965	10.9	89
				1300	15.6	83
				2000	26.4	76

[1] LES: Light Emitting Surface diameter

[2] 70% lumen maintenance based on IESNA LM-80-08 and TM-21

[3] ±10%

[4] Source lumens - see photometrics on page 3 for LOR to calculate delivered lumens

[5] Maximum luminaire wattage including LED driver = LED wattage x 1.2

[6] Higher efficacies may be available via lower drive currents - consult factory

CONTROL OPTIONS

Driver Option	Odering Code	Description
Standard LED Drivers* (included in base price)	N	No dimming
	V	0-10V dimming to 10%
	P	Phase dimming to 10%
		Compatible with both forward and reverse phase dimmers
Optional LED Drivers*	Z1	eldoLED, 0-10V dimming to 0%
	Z2	eldoLED, DALI dimming to 0%
	Z3	eldoLED, DMX dimming to 0%
	Z4	Lutron Hi-lume™, EcoSystem to 1% with Fade-to-Black (-LDE1)
	Z5	Lutron Hi-lume™, Forward phase dimming to 1% (-LTEA)
	Z6	Lutron 5-series, EcoSystem to 5% (-LDE5)

* Optional LED drivers are suitable for Damp Location

* For EM applications:

v2's Remote EM Solution is compatible with all LED options

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 UP

LM-79-08 IES files available

Beam Angle	Order Code	Polar Plot (cd) (1000lm)	Intensity Plot (cd) (1000lm)	Cone Diagram (1000lm)	Description
40°	M	900 / 675 / 450 / 225 / 0	900 / 720 / 540 / 360 / 180 / 0 · 30 60 90	20' 2 fc — 14.9' 15' 4 fc — 11.2' 10' 8 fc — 7.5' 5' 33 fc — 3.7' Illuminance at Center · Beam Diameter	CBCP = 829 cd/klm Beam Angle = 41° Field Angle = 96° LOR = 66% Beam = full width @ 50% Field = full width @ 90%
60°	W	500 / 375 / 250 / 125 / 0	500 / 400 / 300 / 200 / 100 / 0 · 30 60 90	20' 1 fc — 24.7' 15' 2 fc — 18.5' 10' 5 fc — 12.3' 5' 18 fc — 6.2' Illuminance at Center · Beam Diameter	CBCP = 452cd/klm Beam Angle = 63° Field Angle = 121° LOR = 60% Beam = full width @ 50% Field = full width @ 90%

INZA I6RT
INDIRECT + DIRECT PENDANT

PHOTOMETRICS DOWN

LM-79-08 IES files available

Beam Angle	Order Code	Intensity Plot (cd) (3000lm)	Polar Plot (cd) (3000lm)	Cone Diagram (3000lm)	Description
11°	11	0, 7375, 14750, 22125, 29500	29500, 23600, 17700, 11800, 5900	Illuminance at Center / Beam Diameter: 5' 1178 fc 1.0'; 10' 295 fc 1.9'; 15' 131 fc 2.9'; 20' 74 fc 3.8'	CBCP = 29,547 cd; Beam Angle = 11°; Field Angle = 23°; LOR = 89.1 %; Beam = full width @ 50%; Field = full width @ 90%
25°	25	0, 1950, 3900, 5850, 7800	7800, 6240, 4680, 3120, 1560	Illuminance at Center / Beam Diameter: 5' 311 fc 2.2'; 10' 78 fc 4.5'; 15' 35 fc 6.7'; 20' 19 fc 8.9'	CBCP = 7,785 cd; Beam Angle = 25°; Field Angle = 59°; LOR = 87.5 %; Beam = full width @ 50%; Field = full width @ 90%
41°	41	0, 1300, 2600, 3900, 5200	5200, 4160, 3120, 2080, 1040	Illuminance at Center / Beam Diameter: 5' 205 fc 3.7'; 10' 51 fc 7.4'; 15' 23 fc 11.1'; 20' 13 fc 14.8'	CBCP = 5,127 cd; Beam Angle = 41°; Field Angle = 62°; LOR = 82.4 %; Beam = full width @ 50%; Field = full width @ 90%
51°	51	0, 900, 1800, 2700, 3600	3600, 2880, 2160, 1440, 720	Illuminance at Center / Beam Diameter: 5' 143 fc 4.8'; 10' 36 fc 9.6'; 15' 16 fc 14.4'; 20' 9 fc 19.1'	CBCP = 3,564 cd; Beam Angle = 51°; Field Angle = 76°; LOR = 83.0 %; Beam = full width @ 50%; Field = full width @ 90%
83°	83	0, 475, 950, 1425, 1900	1900, 1520, 1140, 760, 380	Illuminance at Center / Beam Diameter: 5' 72 fc 8.9'; 10' 18 fc 17.8'; 15' 8 fc 26.7'; 20' 5 fc 35.6'	CBCP = 1,802 cd; Beam Angle = 83°; Field Angle = 96°; LOR = 84.8 %; Beam = full width @ 50%; 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
-LS	Linear Spread Lens (60° x 1°)

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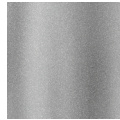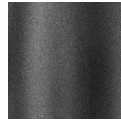
SG Silver Gray	**CG** Charcoal Gray
CU Copper	**BR** Brass

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)