Job Name Here	Fixture Type Here
Designer/Firm Name Here	Ordering Information Here

LX2047 • 120/277V • LED • XICATO 19MM

Remote phosphor technology produces high quality, high output light with a consistent, even field for the most demanding applications of museum and retail accent lighting.

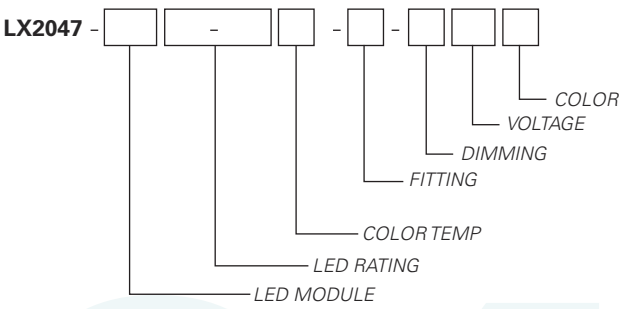
- Designed for the most versatile Xicato™ XTM LED module up to 23 Watts
- Extremely tight color consistency (less than 2 MacAdam Ellipses)
- System efficiency up to 65 lumens/watt
- Backed by Xicato's Five Year Color Consistency and Lumen Maintenance Warranty
- Tested to LM79 and LM80 Protocols
- 50,000 hour life to 70% lumen output, L_{70} at 95°F max ambient
- Hidden integral electronic driver compatible with various dimmers down to 5%
- Specular asymmetric reflector included
- Gel holder and spread gel included
- Choice of lumen outputs (delivered lumens)
- Choice of color temperature
- Color Rendering Index (CRI) of 98 (high)
- No UV or IR emissions; no mercury or lead
- On/off safety switch (on most mounting types)
- Available with LSI standard mounting options
- Integral dimmer available (track mount only)
- Sturdy aluminum housing
- Vertical and horizontal allen key wrench locking
- Finishes: LSI Black, White, and Silver
- Fixture weight: 3.5 lbs
- All LumeLEX LED modules are field replaceable

FIXTURE PART NUMBERS

Please review the **ORDERING INFORMATION** section on the next page as well as the **MOUNTING OPTIONS** on page 3 to create a part number for each fixture that specifies the following:

- LED Module
- LED Rating
- Color Temperature
- Fitting/Controls (Dimming)
- Voltage
- Finish

PART NUMBER

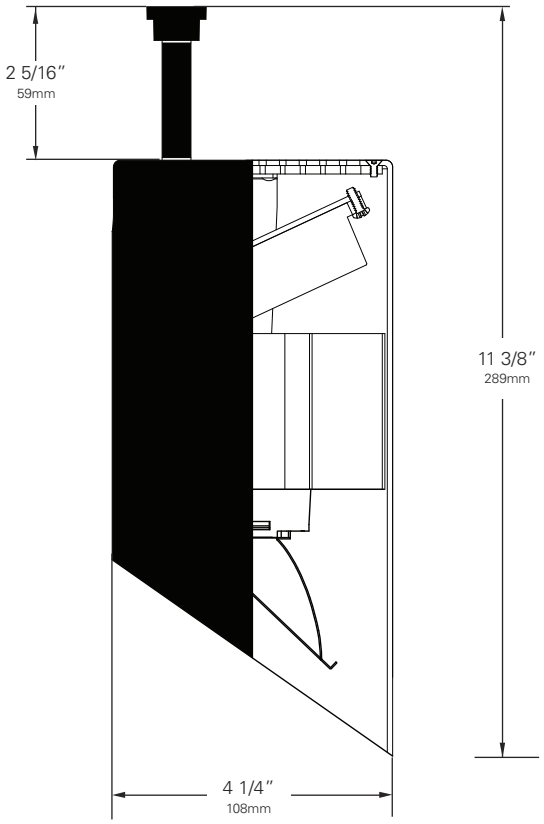


Example Part Number: **LX2047-T1920-9827-00-TE120W** is a fixture with a Xicato 19mm LED module, 2000 Lumen/98 CRI/23 Watt LED rating, 2700K Color Temperature, 00 Track fitting with Trailing Edge group dimming capability, 120V and a White finish.

Job Name Here | Fixture Type Here

Designer/Firm Name Here | Ordering Information Here

LX2047 • 120/277V • LED • XICATO 19MM



Color Temperature & Center Point Tolerance

Color Temp	Center Point	Tolerance
2700K	2700K	+/- 40K
3000K	2950K	+/- 50K
3500K	3420K	+/- 60K
4000K	4000K	+/- 70K

Chromaticity Specifications

LED	R_a - CRI	R_f - Fidelity	R_g - Gamut Area
T19 - 98	98	96	103

XTM 19MM ORDERING INFORMATION

Base Fixture Model

☐ LX2047-T19 (XTM 19mm)

LED Rating (Lumens/CRI/Wattage)

☐ 10-98 = 1000/98/13
☐ 13-98 = 1300/98/20
☐ 20-98 = 2000/98/23

Color Temperature

☐ 27= 2700K
☐ 30= 3000K
☐ 35= 3500K
☐ 40= 4000K

Fitting/Controls (Dimming)

☐ 00-TE = Track Fitting & Trailing Edge (5%)
☐ 0E-ED = Track Fitting & Integral Dimmer (10%)
☐ EF-TE = Security/Worklight Track Fitting & Trailing Edge (5%)
☐ 2G-TE = Universal Fitting & Trailing Edge (5%)
☐ 3G-TE = Pipe Clamp Fitting & Trailing Edge (5%)
☐ 5A-TE = Canopy Fitting & Trailing Edge (5%)
☐ 5A-ED = Canopy Fitting & Integral Dimmer (10%)
☐ 5A-10 = Canopy Fitting & 0-10V (10%)

Voltage

☐ 120 = 120V ☐ 230 = 220-240V ☐ 277 = 277V

Finish

☐ B = Black ☐ W = White ☐ S = Silver

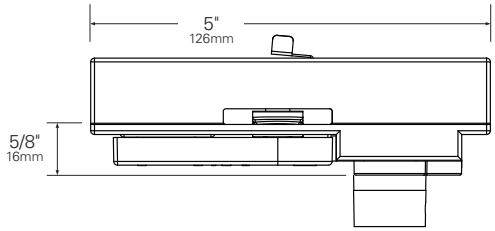
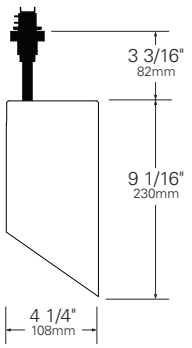
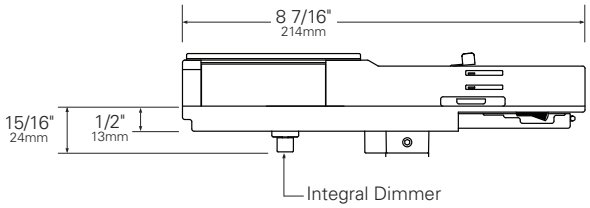
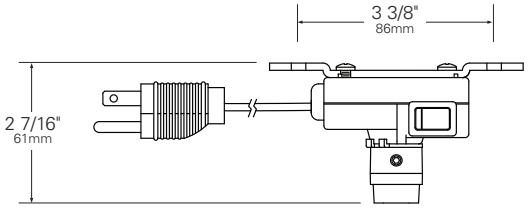
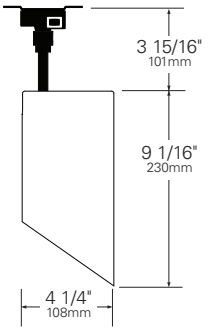
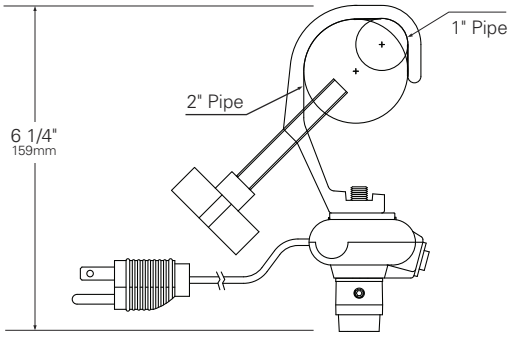
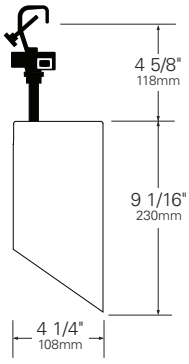
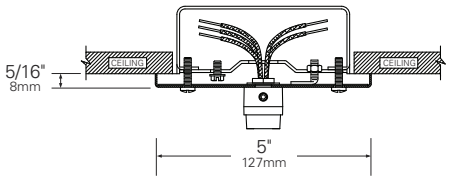
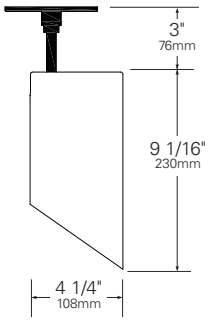
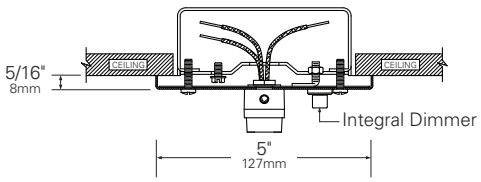
Example Part Number:

LX2047-T19	20-98	27	00-TE	120	W
FIXTURE MODEL	LED RATING	COLOR TEMP	FITTING/ DIMMING	VOLTAGE	FINISH

Other Options (Consult Factory):

- Custom Stems, Specify length (4" – 48")
- Custom color, RAL palette

LX2047 • MOUNTING OPTIONS

FITTING	SIDE VIEW	STEM LENGTH VIEW
00 Track Fitting/ EF Security/Worklight Fitting		
0E-ED Track Fitting with Integral Dimmer		
2G Universal Fitting		
3G Pipe Clamp Fitting		
5A Canopy Fitting with TE and 0-10V Dimming		
5A-ED Canopy Fitting with Integral Dimmer		

LX2047 • PERFORMANCE

Delivered Lumens	
LED Module	Optic (Reflector)
Lumens/CRI/Wattage	**ASYM.**
1000/98/13	850
1300/98/20	1105
2000/98/23	1700

Efficiency = Lumens Per Watt	
LED Module	Optic (Reflector)
Lumens/CRI/Wattage	**ASYM.**
1000/98/13	65
1300/98/20	55
2000/98/23	74

Absolute range of values are +/- 10% of typical value, and are for all color temperatures

LED Module **Lumens/CRI/Wattage** **Letter Code**	**1000/98/13** **10-98**	**1300/98/20** **13-98**	**2000/98/23** **20-98**
Nominal Fixture Power (+/- 20%), Watts	13	20	23
Maximum Inrush Current Amps	10	10	10
Minimum Power Factor	0.92	0.92	0.92

Inrush current is instantaneous current drawn by the LED only when fixture is initially powered on or instantaneously changed from full dim to full bright. For more details see Dimming Application Sheet, IS-0119.

LX2047 • PHOTOMETRIC DATA

For all charts on this page:
A. 3′ from wall, 3′ on center
B. 4′ from wall, 4′ on center

Lumen Package 20-98

Source Lumens	**2000**
CRI	**98**

LX2047 PHOTOMETRIC DATA

Unit aimed 5' 3" up wall — A

DISTANCE FROM CEILING	1′	2′	
0′	26	32	26
1′	30	34	30
2′	32	37	32
3′	36	40	36
4′	40	45	40
5′	36	40	36
6′	33	36	33
7′	28	32	28
8′	22	26	22
9′	20	22	20
10′	14	14	14
11′	12	13	12
12′			

Unit aimed 5' 3" up wall — B

DISTANCE FROM CEILING	1′	2′	3′	
0′	20	24	20	20
1′	22	25	22	22
2′	25	28	25	25
3′	28	30	28	28
4′	31	34	31	31
5′	28	30	28	28
6′	26	28	26	26
7′	21	24	21	21
8′	18	20	18	18
9′	16	16	16	16
10′	10	10	10	10
11′	10	10	10	10
12′				

LX2047 • GELS

As the foremost innovator in accent lighting, LSI offers a complete range of pre-cut Gels to modify the spread and color of light for the LumeLEX LED Series.

LumeLEX® BEAM SOFTENER GELS

Size: LX2047 (3.25"x 3.38")	Beam Softener Gel
GEL-R101-WAL	Beam Softener

LumeLEX® COLOR GELS

Size: LX2047 (3.25"x 3.38")	Gel Color	Size: LX2047 (3.25"x 3.38")	Gel Color
GEL-R2-WAL	Bastard Amber	GEL-R312-WAL	Canary
GEL-R7-WAL	Pale Yellow	GEL-R3204-WAL	Half Blue
GEL-R12-WAL	Straw	GEL-R331-WAL	Shell Pink
GEL-R13-WAL	Straw Tint	GEL-R383-WAL	Sapphire Blue
GEL-R14-WAL	Medium Straw	GEL-R397-WAL	Pale Grey
GEL-R21-WAL	Golden Amber	GEL-R2001-WAL	Storaro Red
GEL-R25-WAL	Orange Red	GEL-R2004-WAL	Storaro Green
GEL-R26-WAL	Light Red	GEL-R2009-WAL	Storaro Violet
GEL-R27-WAL	Medium Red	GEL-R3202-WAL	Full Blue
GEL-R57-WAL	Lavender	GEL-R3206-WAL	Third Blue
GEL-R62-WAL	Booster Blue	GEL-R3216-WAL	Eighth Blue (Boosts 3200K to 3300K)
GEL-R71-WAL	Sea Blue	GEL-R3318-WAL	Tough 1/8 Minusgreen
GEL-R72-WAL	Azure Blue	GEL-R3410-WAL	Roscosun (1/8 CTO) (Reduces 5500K to 4900K)
GEL-R91-WAL	Primary Green	GEL-R3441-WAL	Full Straw (CTS)
GEL-R97-WAL	Light Grey	GEL-R3443-WAL	Quarter Straw (CTS)
GEL-R98-WAL	Medium Grey	GEL-R4330-WAL	CalColor 30 Cyan
GEL-R101-WAL	Light Frost	GEL-R4415-WAL	CalColor 15 Green
GEL-R104-WAL	Tough Silk	GEL-R4490-WAL	CalColor 90 Green
GEL-R119-WAL	Light Hamburg Frost	GEL-R4860-WAL	CalColor 60 Pink
GEL-R121-WAL	Blue Diffusion	GEL-R4890-WAL	CalColor 90 Pink
GEL-R305-WAL	Rose Gold	GEL-R4930-WAL	CalColor 30 Lavender