









GATEWAY™ SERIES



PROJECT: \_\_\_\_\_  
TYPE: \_\_\_\_\_  
PRODUCT: \_\_\_\_\_  
APPROVED BY: \_\_\_\_\_

PRODUCT FEATURES

- Intended for Over-The-Door Applications, Architectural Drip Edge, Exteriors, Entryways, Facades, Commercial Settings, Transportation Settings and more
- Available in tilt, 2ft, 3ft, 4ft and 6ft
- Patented field-adjustable optic (see pg. 2)
- Separate mounting bracket for easy installation
- This product is Made In America and complies with the Buy American Act requirements



GTW

U.S. Patent No. 10, 845, 041

ORDERING INFORMATION

Example: GTW2-HA-L230-UN-BK-FZ1

GTW				
Series	Size*	Housing	Lumen Output*	Color Temp.
	1 = 12" Optic, 20" Housing	HA = 16Ga. Alum. Painted	L1 = Low	30 = 3000K
	2 = 24" Optic, 32" Housing	HS = 20Ga. SS Brushed	L2 = High	35 = 3500K
	3 = 36" Optic, 44" Housing	HP = 20Ga. SS Painted	CL = Custom Lumen Output**	40 = 4000K
	4 = 48" Optic, 56" Housing	HC = 20Ga. CRS Painted*		50 = 5000K
	6 = (2) 24" Optic, 78" Housing**			
	*Nominal size. Consult factory for custom sizes. Dimensional data on page 3. **GTW6 uses (2) 2ft light modules for double door applications.	*Not recommended for outdoor applications.	*Subject to change. Performance data on page 3. **Must be specified at time of quote. Must not exceed future maximum output. Must specify "DM" if selecting dimming.	

Voltage 12 = 120V 27 = 277V UN = Universal (120-277V)	Finish Blank = If SS Brushed Housing is specified BK = Black BZ = Bronze WH = Matte White CC = Custom Color*	Options FZ1 = Fuse (120V) FZ2 = Fuse (277V) DM = 0-10V dimming with 10-100% range DMI = 0-10V dimming with 1-100% range OC = Occupancy Sensor PC = Photocell Sensor (set at 20lc) EL = Emergency Battery Pack (7W)* PH = Phillips Flat Head Screw ED = Two Drivers & Two Emergency Battery Packs for independent light engine operation** GLM = Optic locking mechanism*** MM = Mullion Mount
	*Must specify RAL number and if antimicrobial finish is needed at time of order. Subject to set-up fees.	*Provided on an additional independent circuit. Test switch located on bottom of fixture unless otherwise specified. ** GTW2 requires separate back box (provided). N/A with L1. *** See page 3 for more information.

**New Star Lighting**  
2225 W. Pershing Rd. Chicago, IL 60609  
(773) 847-1400  
www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.  
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1

07232024

GATEWAY™ SERIES



SPECIFICATIONS

**Housing:** 16-Gauge formed aluminum housing and endcaps (standard). Optional stainless steel and cold rolled steel. Cold rolled steel is not recommended for outdoor use.

**OPTIC:** Rotatable frosted polycarbonate lens inside aluminum frame.

**OPTIC LOCKING MECHANISM:** Optional internal locking mechanism for optic chamber. Five field adjustable locking positions (-25°, -12.5°, 0°, 12.5°, 25°).

**LED:** Available in four color temperatures 3000K, 3500K, 4000K and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 80 CRI standard. Minimum 60,000h with 85% of lumen maintenance in 25°C ambient temperature, per IES TM-21 testing report.

**ELECTRICAL:** 0-10V dimming available with 10-100% range and 1-100% range. Must specify dimming under.

**FASTENERS:** Torx® head fasteners with center pin reject (standard). Optional Phillips flat head fasteners. Finish to match housing.

**FINISH:** Durable powder coat finish available in black (standard), bronze, or matte white. Finish suitable for outdoor applications. Custom colors available, must specify RAL number and if antimicrobial finish is needed (setup fees may apply). If Stainless Steel Brushed is specified, do not specify a paint finish.

**GASKET:** Closed cell neoprene gaskets prevent air contaminations from entering the fixture.

**INSTALLATION:** Separate mounting bracket allows for easy wall installation. Optional mullion mount.

**LABEL:** Fixture is certified to UL standards for Wet Location.



The Gateway Series is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal Resistant architectural luminaires when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse.\*

\*Exclusions to the New Star Promise are gunfire and chemical reaction

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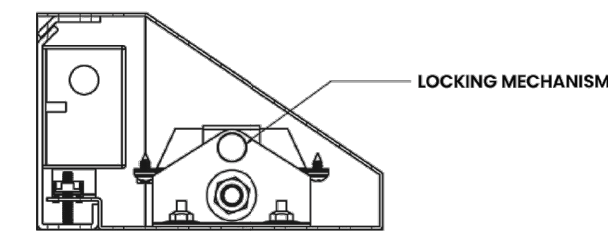
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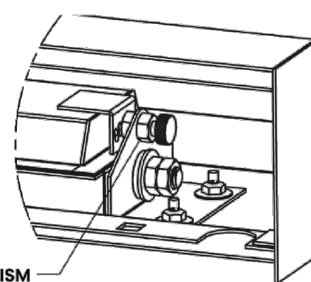
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OPTIC LOCKING MECHANISM

Internal field adjustable locking mechanism for optic chamber with five positions: -25°, -12.5°, 0°, 12.5°, 25°. Pull back internal spring pin, adjust optic, release spring to lock into one of the five positions. Consult factory for questions.



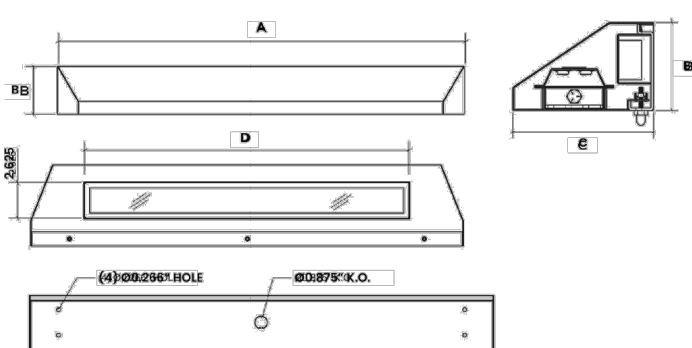
LOCKING MECHANISM



LOCKING MECHANISM

DIMENSIONAL DATA

Fixture weight varies and is dependent upon chosen specifications. Consult factory for additional information.



	A	B	C	D	WEIGHT
GTW1	20.00"	3.75"	6.00"	12.00"	7.5
GTW2	32.00"	3.75"	6.00"	22.25"	15
GTW3	44.00"	3.75"	6.00"	35.25"	22.5
GTW4	56.00"	3.75"	6.00"	47.25"	25
GTW6	78.00"	3.75"	6.00"	23.25"	45

GATEWAY™ SERIES



PERFORMANCE DATA

\*Data is with 80 CRI chip. LEDs are frequently updated therefore values may change without notice.

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
GTW1	L1 = Low	4000K	485	78	6
	L2 = High	4000K	970	78	12.5
GTW2	L1 = Low	4000K	970	78	12.5
	L2 = High	4000K	1940	78	25
GTW3	L1 = Low	4000K	1455	77	19.5
	L2 = High	4000K	2910	77	37.5
GTW4	L1 = Low	4000K	1940	78	25
	L2 = High	4000K	3800	76	50
GTW6	L1 = Low	4000K	1940	78	25
	L2 = High	4000K	3800	76	50

IN ACCORDANCE WITH SEC. 1.600 OF THE ZONING ORDINANCE THE LIGHT FIXTURE SHALL BE SHOWN TO BE DIRECTED DOWNWARD, OR HAVE THE LIGHT SOURCE HOUSED IN A WAY THAT THE LIGHT TRESPASS IS CUT OFF TO DIRECT IT DOWNWARD.

ALL EXTERIOR LUMINARIES THAT ARE MOUNTED EIGHT FEET OR HIGHER, ABOVE THE ADJACENT FINISH GRADE SHALL BE DIRECTED DOWNWARD

ALL EXTERIOR LUMINARIES WITH A TOTAL INITIAL LUMEN OUTPUT OF GREATER THAN 1600 SHALL HAVE AN INTEGRAL LIGHTING SHIELD (TABLE 1.602.A.2. OF THE ZONING ORDINANCE)

LUMINARIES WITH A TOTAL LUMEN OUTPUT OF GREATER THAN 3050 SHALL BE DIRECTED DOWNWARD AND COMPLY WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IEZ) REQUIREMENTS FOR FULL CUTOFF. (TABLE 1.602.A.2 OF THE ZONING ORDINANCE)

Larson Associates Architects, Inc.

3807 North 24th Street, Suite 100  
Phoenix, AZ 85016  
602.955.9929 602.954.4790 FAX  
design@larson-architects.com

Larson

TY JENKINS HANGAR

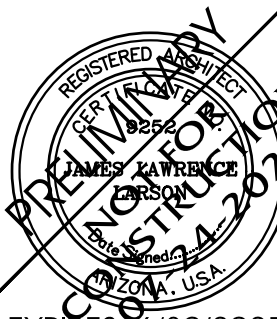
1606 NORTH 81ST STREET

SCOTTSDALE, AZ

APN: 215-48-054



EXPIRES: 6/30/2024



EXPIRES: 6/30/2027

Drawing Name:

LIGHT FIXTURE  
CUT SHEETS

Revisions


Date: 11/6/2020

Project Number:  
17-029

Drawing No:

SP3.2

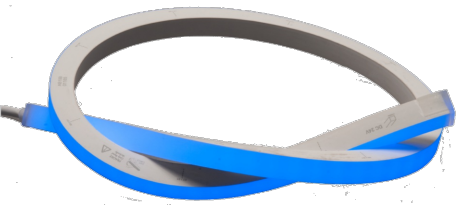
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SE PATIO CEILING - GTW2-HA-L2-40-UN-BZ

SCALE: NOT TO SCALE



FLEX TUBE SPECTRUM™



Client: \_\_\_\_\_  
Project: \_\_\_\_\_  
Type: \_\_\_\_\_  
Order Code: \_\_\_\_\_  
Quantity: \_\_\_\_\_

**Flex Tube Spectrum** is a flexible, direct view, outdoor LED strip. The Quad Spectrum (or QS) version has the ability to create dedicated whites, dynamic white, and color changing from the same product. It comes in six meter spool or custom-built lengths to suit project requirements and features a highly durable second-generation silicone body, which is outdoor rated, high impact resistant, and 3G vibration rated.

SPECIFICATIONS

Colors	QS (Quad RGBW, W=3000K) or QW4 (Quad RGBW, W=4000K)
Beam Angle	120°
Photometrics	Up to 244 lumens per foot (see page 4 for details)
Strip Length	Built to order lengths from 6.56' (166.6mm) to 19.6' (6M), section length is 3.28' (83.34mm)
Dimming & Channel Count	DMX/RDM (0-100%) or DALI (0-100%) via AL Driver Series, 4 channels
Bend Directions & Radius	Vertical bending or horizontal bending options, minimum bend radius of 5.9' (150mm)
Power Consumption	4.57W per foot, 15W per meter
Operating Voltage	24VDC
Lumen Maintenance	L70 @ 50,000 hours (25° C)
Mounting	Aluminum mounting channel required, 0.78" (20mm), 11.8" (1m), or 6.56' (2m) lengths
Finish	White
Material	UV resistant silicone
Ambient Operating Temperature	-40° F to 131° F (-40° C to 55° C)
IP Rating	IP68, wet location, submersible* up to 6.56' (2M)
IK Rating	IK08, protection against 5 joule impact
Fixture Connectors	16.4' (5M) injection molded feed cable and end cap included
Warranty	5 Years, limited
Weight	4.3 lbs (1.95 kg) - 6M Spool
Dimensions	L: As specified W: 0.62" H: 0.66" / L: As specified W: 16mm H: 17mm
Certifications	

\*UL approval limits submersible installation to non-human occupied and freshwater locations only. All cables must be landed in environmentally suitable junction boxes.

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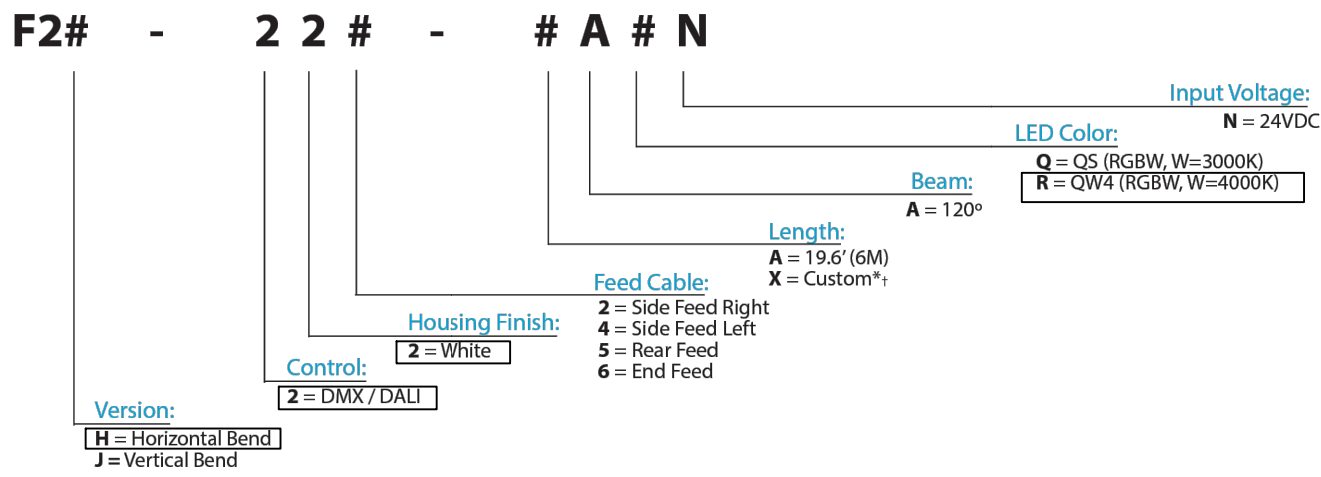
SPECIFICATION SHEET 2.1.0  
Specifications subject to change without notice

FLEX TUBE SPECTRUM™



ORDER CODES

\* Indicates special order

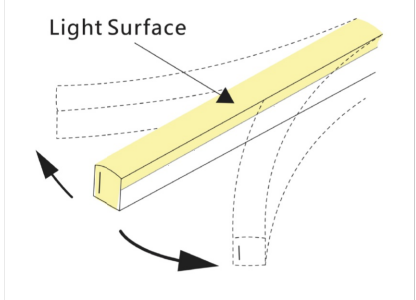


†: When ordering custom lengths, please specify number of 3.28' (83.34mm) sections required after X (6.56' / 166.6mm Min, 19.6' 6M Max).  
Example order code: **F2H-225-X40AQN = 83.34mm x 40 / 3.32m spool**

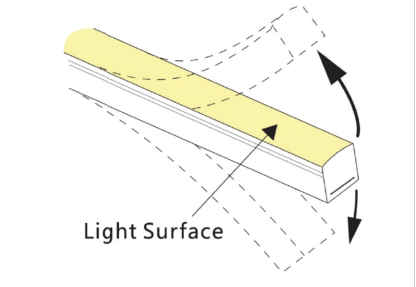
FEED CABLE LOCATIONS



HORIZONTAL BEND



VERTICAL BEND



2  
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SPECIFICATION SHEET 2.1.0  
Specifications subject to change without notice

FLEX TUBE SPECTRUM™

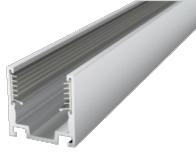


WIRE CABLE LIMIT

	Conductors	Max Amperage	Max feet to tube
18 AWG	5	4	40
14 AWG	5	4	100
12 AWG	5	4	170

RELATED COMPONENTS

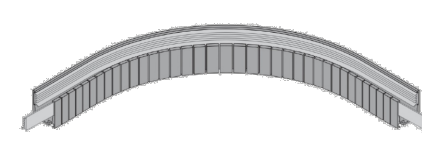
Mounting Accessories



**F2CH20**  
20mm (0.78") Gen 2 mounting channel  
Aluminum profile, includes 2 screws



**F2RCH20**  
20mm (0.78") Gen 2 recessed mounting channel  
Aluminum profile, includes 2 screws



**F2FCH500**  
0.5M (1.64') Gen 2 flexible mounting channel  
**Only for HB versions.** Includes 2 screws

F2CH1000

1M (3.28') Gen 2 mounting channel  
Aluminum profile, includes 5 screws

F2RCH1000

1M (3.28') Gen 2 recessed mounting channel  
Aluminum profile, includes 5 screws

F2FCH1000

1M (3.28') Gen 2 flexible mounting channel  
**Only for HB versions.** Includes 5 screws

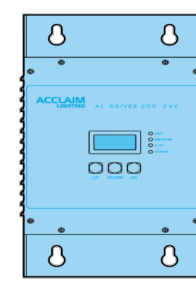
F2CH2000

2M (6.56') Gen 2 mounting channel  
Aluminum profile, includes 10 screws

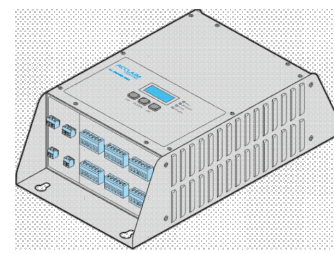
F2RCH2000

2M (6.56') Gen 2 recessed mounting channel  
Aluminum profile, includes 10 screws

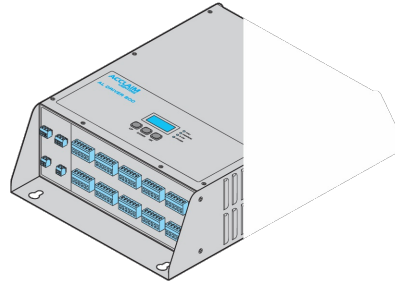
DMX Multi Protocol Drivers AL Driver 200/400/800



**ALD-200-24 C2**  
AL Driver 200 24V, 2 spools max  
200W 24V Class 2 power supply  
DMX, 0-10V (sink & source) & DALI driver  
4 output ports, 100-277VAC input



**ALD-400-24 C2**  
AL Driver 400 24V, 4 spools max  
400W 24V Class 2 power supply  
DMX, 0-10V (sink & source) & DALI driver  
6 output ports, 100-277VAC input



**ALD-800-24 C2**  
AL Driver 800 24V, 8 spools max  
800W 24V Class 2 power supply  
DMX, 0-10V (sink & source) & DALI driver  
10 output ports, 100-277VAC input

3  
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SPECIFICATION SHEET 2.1.0  
Specifications subject to change without notice

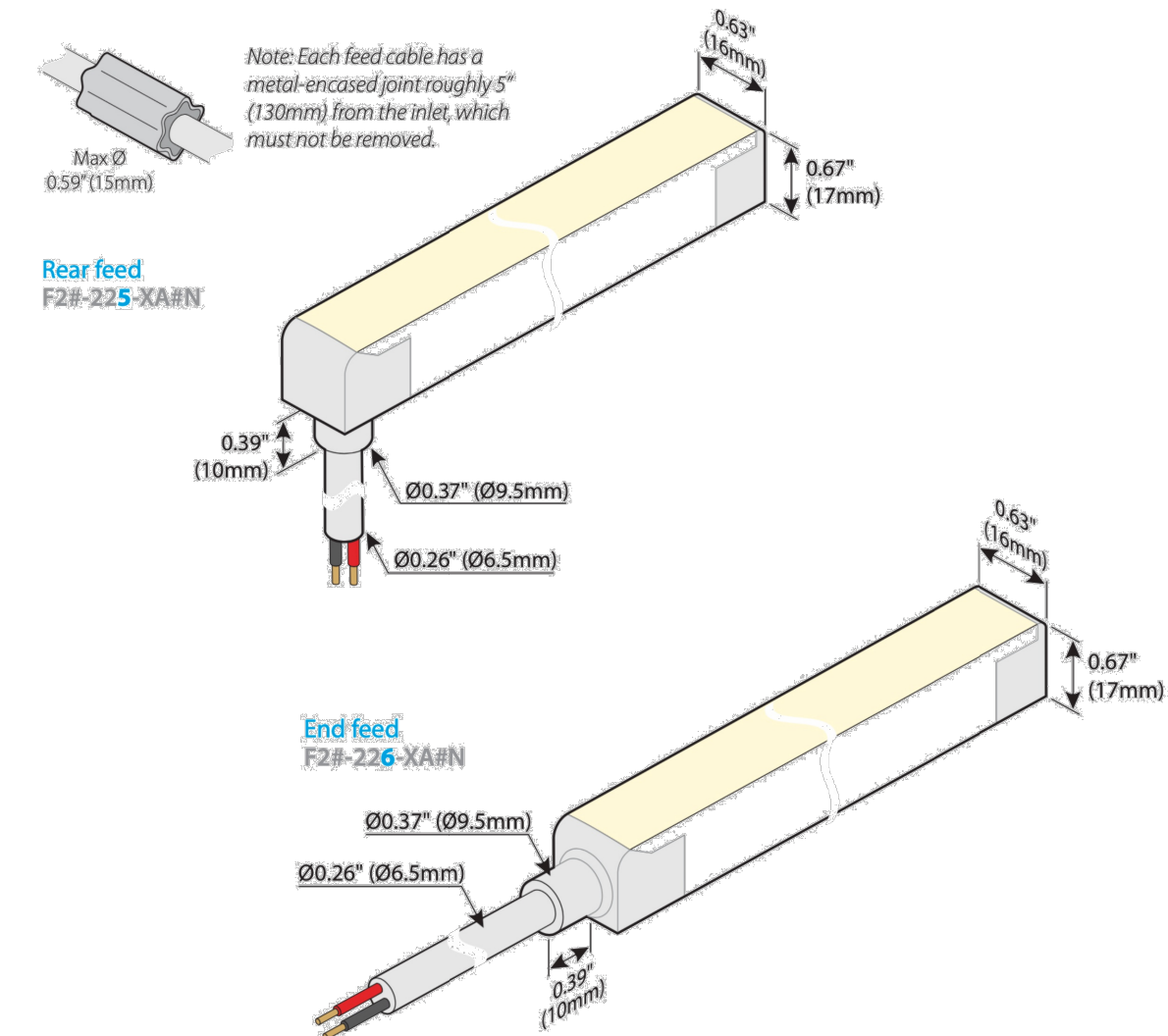
FLEX TUBE SPECTRUM™



PHOTOMETRICS

Bend / Color	Lumens (per foot, full on)	Max Candela	CRI (white)	TM30 (white)
HB QS RGBW	186	59.8	82.5	83.5
VB QS RGBW	228	73.5	82.3	83.3
HB QW4 RGBW	204	65.8	84.6	83.7
VB QW4 RGBW	244	79.1	83.9	83.5

DIMENSIONS



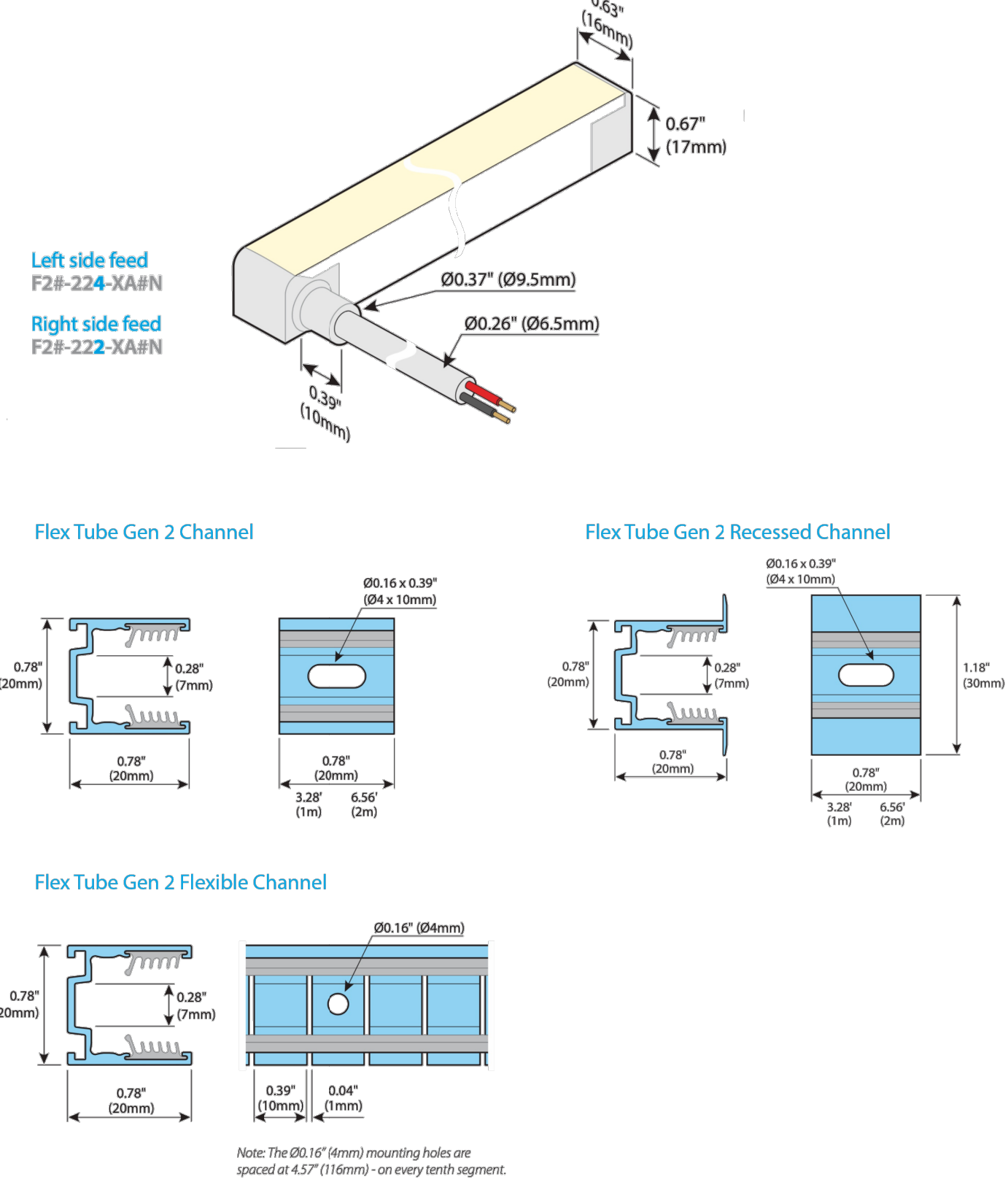
4  
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SPECIFICATION SHEET 2.1.0  
Specifications subject to change without notice

FLEX TUBE SPECTRUM™



DIMENSIONS



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SPECIFICATION SHEET 2.1.0  
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(SF1) FACADE RIBBON LIGHT - FIRST FLOOR - Flex Tube SC G2 HB (4000K) (F2B5506)  
SCALE: NOT TO SCALE

(SF2) FACADE RIBBON LIGHT - 2ND FLOOR - Flex Tube SC G2 HB (4000K) (F2B5506)  
SCALE: NOT TO SCALE

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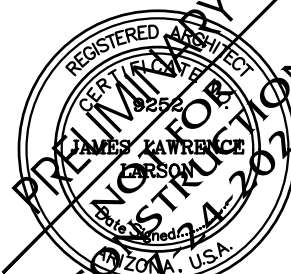
16061 NORTH 81ST STREET

SCOTTSDALE, AZ

APN: 215-48-054



EXPIRES: 6/30/2024



EXPIRES: 6/30/2027

Drawing Name:

LIGHT FIXTURE

CUT SHEETS

Revisions


Date: 11/6/2020

Project Number:

17-029

Drawing No:

SP3.3

659-PA-2024

659-PA-2024



