

FLEXA SERIES

DECORATIVE LIGHT

Flexible | Surface/Pendant Mount

eralux®

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				



DYNAMIC MENU

Order Information	Page 2
Dimensions	Page 2
Photometric Data	Page 3

[Install Instruction link](#)



SPECIFICATIONS

Input Voltage	120-277V
Power Factor	>0.7
Total Harmonic Distortion	<20%
Dimming	No Dimming 0-10V (option)
CRI	90 CRI 80 CRI
CCT	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #ffff00; display: flex; align-items: center; justify-content: center;">30K</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #ffff00; display: flex; align-items: center; justify-content: center;">35K</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #00aaff; display: flex; align-items: center; justify-content: center;">40K</div> </div>
Efficacy	~360 lm/ft
Length	16FT
Power	4.4W/ft
Ambient Temperature Range	0°C to 40°C
Mounting Options	Surface mount Suspend
Material	Silicone Diffuser



PRODUCT FEATURES



PRODUCT CERTIFICATIONS



SYSTEM WARRANTY – 3 YEARS

Eralux will warrant defective drivers, LEDs and boards for 3 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L80 at 54,000 hours

Rated for 80% initial lumen output at 54,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

DECORATIVE LIGHT

Flexible | Surface/Pendant Mount



ORDERING GUIDE

DC-FX		-	-
DC-FX Flexa Decorative Flexible	-16 16ft straight run	-30 3000K -35 3500K -40 4000K	-90 90 CRI

Fixture Family	Size	CCT	CRI
----------------	------	-----	-----

DC-FXY		-	-
DC-FXY Flexy Decorative Flexible	-16 16ft straight run -60 60ft Straight run	-30 3000K -35 3500K -40 4000K	-80 90 CRI

Fixture Family	Size	CCT	CRI
----------------	------	-----	-----

DC-FXO		-	-
DC-FXO Flexo Decorative Flexible	-16 16ft straight run	-30 3000K -35 3500K -40 4000K	-90 90 CRI

Fixture Family	Size	CCT	CRI
----------------	------	-----	-----

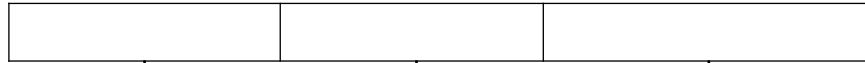
Preliminary

DECORATIVE LIGHT

Flexible | Surface/Pendant Mount



ORDERING GUIDE - Mounting



FX
Flexy and Flexa
FXO
Flexo

-AIR
Suspended
6 aircraft cables
-SMT
Surface Mount
6 surface mount brackets

[Blank]
Matte Black
-LINK
With 1 connector

Fixture Family

Accessory

Finish



ORDERING GUIDE – CURVES FOR FLEXO



DC-FXO
Flexo
Decorative Flexible

-XXR
Minimum 8-inch radius

-XXL
Minimum 1-FT length

-30
3000K
-35
3500K
-40
4000K

-90
90 CRI

Fixture Family

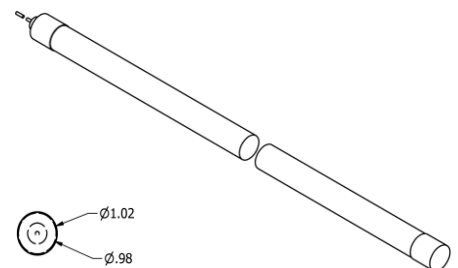
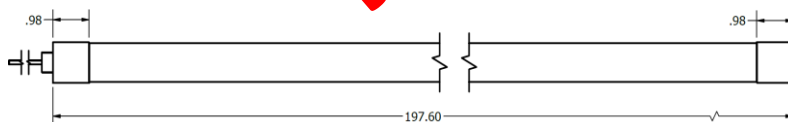
Custom Arc

Length

CCT

CRI

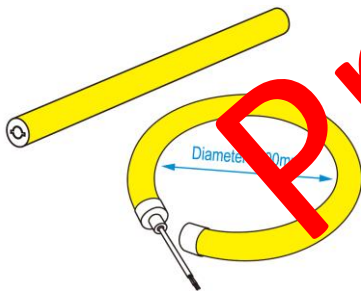
DIMENSIONS



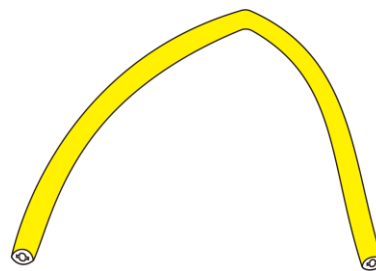
COMPARISON

	FLEXA	FLEXY	FLEXO
DISTRIBUTION	360°	360°	255°
CRI	90	80	90
LENGTHS	16FT	16FT 60FT (optional)	Custom
MATERIAL	Silicon housing Metal insert	Silicon housing	Silicon housing Aluminum Profile <i>(Should be assembled Onsite)</i>
DESIGNS	Specific and desired shapes Holds the shape after bent	Flexible, wavy shapes Random designs	Same level design Straight runs Fixed arc and shapes
FEATURES	Cut every 2-in using high strength cutter Solder the wire after cutting	Easy to cut at any length, and connect using the solder free connector	Cut every 2-in using high strength cutter Solder the wire after cutting
CONNECTION	Visible silver T-connector every 16ft	Visible silver T-connector every 16ft	Seamless connection No mark spots
PICTURE			

CAUTIONS

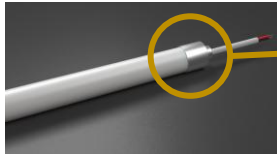
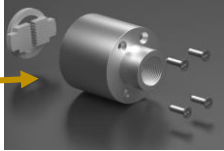
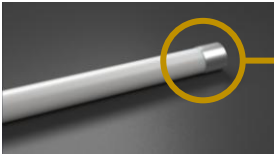
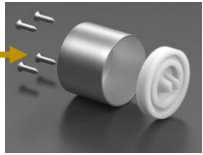
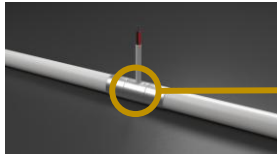
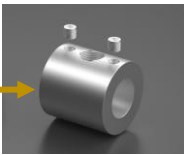

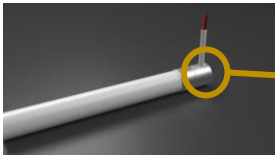
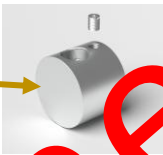
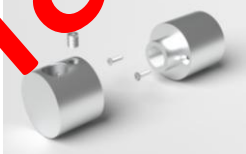
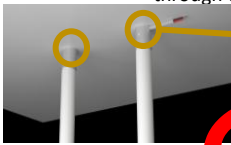

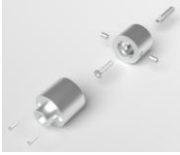
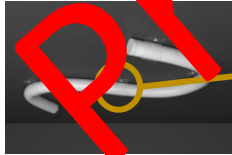



Correct bending direction and bending radius.





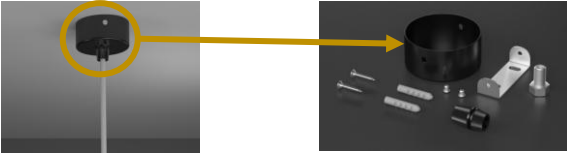
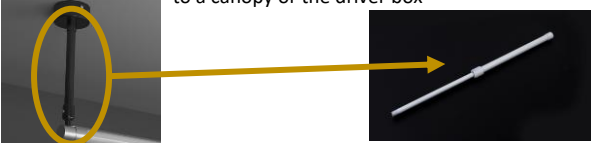

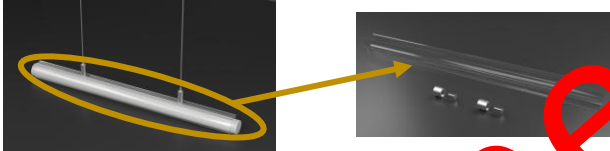
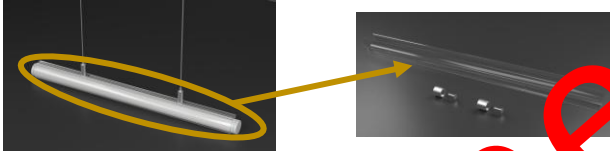



Do not twist it or bend reversely.

ACCESSORIES – Flexa & Flexy

ORDERING CODE	DESCRIPTION	INSTALLTION
DC-FX-ACC-ALEC-STRAIGH THROUGH	<p>Straight through end cap</p> 	 <p>Screwed directly to the Flexa</p> <p>Each Flexa comes pre-installed with 1x straight-through cap and 1x tail end cap, unless specified otherwise.</p>
DC-FX-ACC-ALEC-TAIL	<p>Tail end cap</p> 	
DC-FX-ACC-ALEC-TCONNECTOR	<p>T-connector Used for continuous runs</p>  	<p>Screwed to the straight through end cap on each side</p> 
DC-FX-ACC-ALEC-SIDE THROUGH	<p>Side through end cap Used to pass the wire through the side</p>  	<p>Screwed to the straight through end cap</p> 
DC-FX-ACC-ALEC-CEILING FIXED BOLT	<p>Fixed bolt For surface mount at the end cap allows for the cable to pass through the ceiling or at the side</p>  	<p>One side is screwed to the straight through end cap and the other side is screwed to the ceiling</p> 
DC-FX-ACC-IN-U BRACKET	<p>U-Bracket Used for surface mount</p>  	<p>Place the flexa on the ceiling, cover it with the U-bracket and screw from each side</p>



Pre-implementation

ACCESSORIES – Flexa & Flexy

ORDERING CODE	DESCRIPTION	INSTALLTION
<p>DC-FX-ACC-IN-SUS-CLIP-WIRE</p>	<p>Suspension Kit Comes with pendant clip and 6ft suspension cable for pendant mount</p> 	<p>Screw the top of the suspension cable to the ceiling Screw the bottom of the suspension Cable to the clip using the square screw Insert the Flexa through the clip and close it</p> 
<p>DC-FX-ACC-IN-CANOPY</p>	<p>Canopy for pendant mount Used if the driver is installed in the ceiling or mechanical room</p> 	<p>Screw the silver bracket to junction box Insert the wire through the grip and tighten it Screw the canopy to the bracket from the sides</p>
<p>DC-FX-ACC-STEM</p>	<p>1-4ft Adjustable stem Used to pass the power cord or for pendant mount can be mounted to a canopy or the driver box</p> 	<p>Screwed to side through end cap or T-connector</p> 
<p>DC-FX-ACC-6FT-TUBE-AIR DC-FX-ACC-3FT-TUBE-AIR</p>	<p>3 or 6ft tube used for straight runs and for pendant installation Comes with 6ft suspension cables</p> 	<p>Screw the suspension cable to the tube use square screws. Insert the flexa</p>
<p>DC-FX-ACC-SOLDER FREE CONNECTOR</p>	<p>Solder free connector Comes with straight through end cap and 6ft power cord Available for Flexy only</p> 	<p>After cutting the Flexa Y, plug the solder free connector into the LED board. (+ to + and - to -)</p> 
<p>DC-FX-ACC-IN-DRIVER BOX</p>	<p>Driver Enclosure Used as a housing for the driver and it is surface installed 20x4x2 in</p> 	<p>Screw the black plate on the junction box. Attach the driver to the silver plate and screw the silver plate to the black plate. Screw the cover to the plate from the sides</p> 

Preliminary

ACCESSORIES – Flexo

ORDERING CODE	DESCRIPTION	INSTALLTION
Electrical Connector	Used to link two Aluminum profile For continuous runs	Insert the mechanical bracket between two aluminum profile using 4 set screws. Connect the two electrical connection
Mechanical Connector	 	
Surface mount bracket	Used for Ceiling or wall mount	Puch the bracket into the aluminum profile, then insert it into the screw preinstalled on the ceiling.
Suspension Kit	Used for pendant mount	Puch the square screw into the aluminium profile, then screw it to the suspension cable.

DRIVER

The driver used is ELG-75-24A, one driver needed every 16FT.

	Output
DC Voltage	24V
Rated current	3.15A
Rated power	75.6W



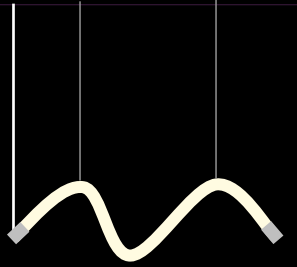


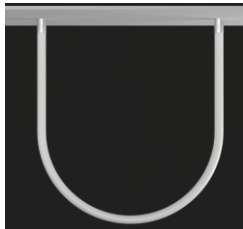
DRIVER BOX

The driver box is a housing which can be surface mounted to hide the driver next to the flexy, can fit up to two drivers. It can be ordered separately.





Preliminary

Mounting options – Flexa & Flexy – 16FT

ORDERING CODE	Accessories comes with ordering code	Picture	Additional Accessories Can be ordered separately
FX-AIR	6 x 6FT suspension cables Driver and driver enclosure		DC-FX-ACC-ALEC-SIDE THROUGH DC-FX-ACC-STEM DC-FX-ACC-IN-CANOPY
FX-SMT	6 x surface mount brackets Driver and driver enclosure		
FX-AIR-LINK	6 x 6FT suspension cables T-connector Driver and driver enclosure Create O-shape or link to another flexa		DC-FX-ACC-ALEC-SIDE THROUGH DC-FX-ACC-STEM DC-FX-ACC-IN-CANOPY
FX-SMT-U	2x ceiling fixed bolt Driver and driver enclosure		

Mounting options – Flexo – 16FT

ORDERING CODE	Accessories comes with ordering code	Picture
FXO-AIR	6 x 6FT suspension cables Driver and driver enclosure	
FXO-SMT	6 x surface mount brackets Driver and driver enclosure	 

OVERVIEW



Innovative Design

- Silicon Diffuser
- Aluminum profile
- No dark spot



Options

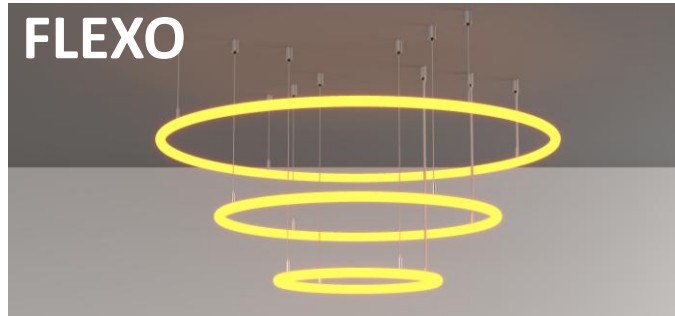
- Custom length
- Custom design
- 30, 35, 40K CCTs

FLEXO



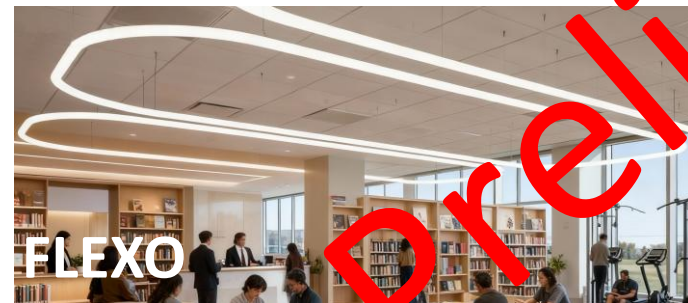
FLEXY

FLEXO



Feature

- Holds the shape (FLEXY)
- Easy to cut (FLEXY)
- Fixed shapes no dark spot (FLEXO)



FLEXO



FLEXA



Tests And Certifications



Mounting Available

- Surface mount
- Suspended
- Surface to suspended mount