Project Name_____
Fixture Type_____

APOGEE LIGHTING

SaberFlex AC

ARCHITECTURAL

Flexible Lighting System promotes layout design flexibility, standard junction box termination & no driver to hide, allowing easy integration in architectural spaces

No Driver

Intertek

90 CRI Option

10 Year LED Warranty

120V AC

Up to 100' Runs

Cuttable Every 4"

FEATURES

OUTPUT
Low: 2W / 200 Lumens per foot
Standard: 3.5W / 375 lumens per foot
High: 5W / 580 lumens per foot
Lumen outputs based on 3000K / 80 CRI
See Lumen factor chart for other CCT's.

DRIVER
No Remote Driver. Onboard 120V Microdriver compatible with ELV dimming. Triac dimming available by request only, consult factory for dimmer compatibility.

OPTICS
Patent pending co-extruded white PVC reflector for beam control and optimal light extraction.

OPTIONS
- 10kv Surge protection module (1 per AC feed)
- Remote Thermistor for overheating protection in outdoor applications where temperature could exceed 100F.

CONNECTORS
Indoor Connector:
Patented, Direct BX connection for code compliant commercial installations. Available in straight, 90 degree, and cove tilt feed options.
5' feed cord is standard .
15' feed cord optional.
Outdoor Connector:
IP66 rated, SJ Cord connection with strain relief. Ships with Heyco liquid tight cord grip for junction box termination.
Portable Cord and Plug Option:
Wet Location SJ cord with 2 prong plug.
5' feed cord is standard .
15' feed cord optional.

MOUNTING OPTIONS
- Adjustable Stainless Steel Hat Clip (2 per foot)
- Fixed Stainless Steel Hat Clip (2 per foot)
- Polycarbonate continuous rigid channel available in clear or white.
- Polycarbonate Flex Track
- 45 Degree Cove Tilt Track

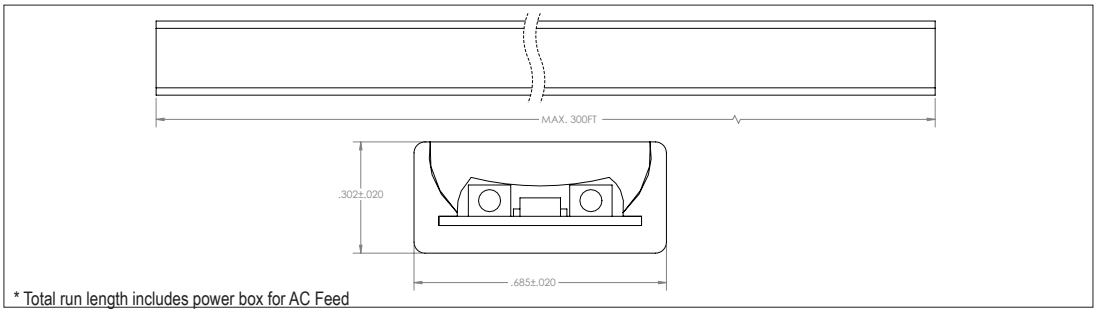
HOUSING
Extruded thermoplastic jacket with PVC end caps. Cuttable every 4" and terminated to customer specified run lengths.
100' Rolls are standard stocked length.
Custom Roll sizes available, consult factory for lead time.

SOURCE
2.5 Step Macadam Color binning for consistent color over long runs.
Proprietary VGS binning for output consistency with AC line fluctuation.
Standard CCT's 2700K, 3000K, 3500K, 4000K, 5000K.
6500K available by special order, consult factory.
Standard 80 CRI, 90 CRI optional for 2700k-4000k CCT.

CERTIFICATIONS
ETL / cETL Listed for hardwire in accordance with UL1598
UL 2108 Wet location listed for Cord and Plug portable option
IP66 Rated Outdoor Hardwire
US Patent 10,557,623
Other patents pending

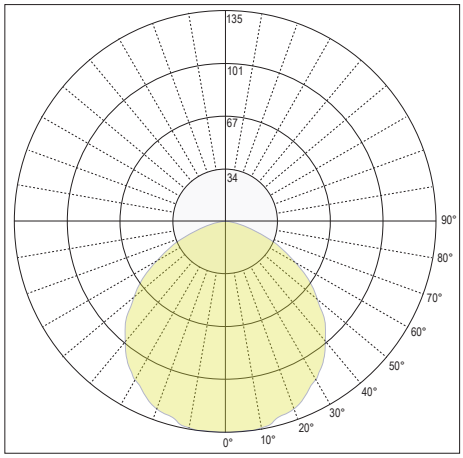
TECHNICAL DRAWINGS

LUMEN FACTOR	
CCT	MULTIPLIER
2700K	0.96
3000K	1
3500K	1.03
4000K	1.05
4500K	1.05
5000K	1.05
6500K	1.05



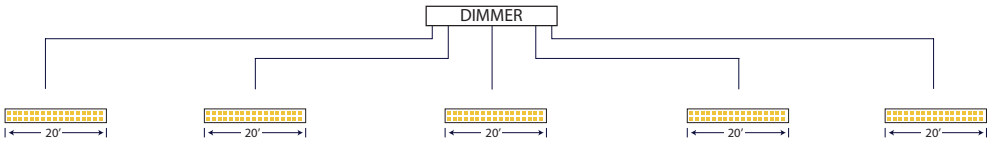
* Total run length includes power box for AC Feed

PHOTOMETRICS



100' FIXTURE RUN COMPETITIVE COMPARISON

Typical Low Voltage LED Fixture (Section length is limited to 20' maximum)



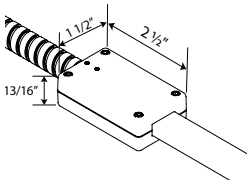
100' run of typical low voltage LED fixture requires FIFE 20' invidually wired fixtures with 5 junction boxes

SaberFlex AC has a max run length of 100' from one voltage feed
** Max run includes all runs chained together with our linking adapter.

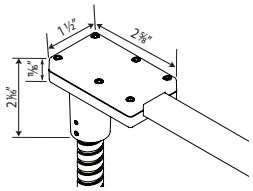
Apogee Lighting Holdings LLC • 593 Acorn Street • Deer Park, NY 11729 • T: 631.254.6975 • www.Apogee-Lighting.com

POWER FEED OPTIONS

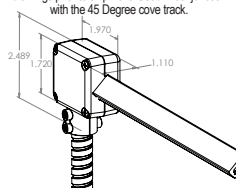
STANDARD POWER FEED*
For Cove, Under Cabinet, or Surface Mount installation with code compliant BX Terminator + Strain Relief.



RIGHT ANGLE POWER FEED*
Can be used in any orientation to meet design requirements. Specify LED face down (D) or up (U). Standard is LED facing away from right angle feed.

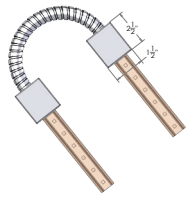


COVE CONNECTOR 45 DEGREE BX CONNECTOR*
Can be used in many orientations. All cove connector installations require approved submission drawings prior to shipment. Used in conjunction with the 45 Degree cove track.



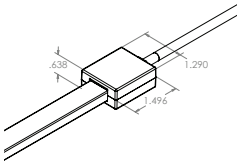
*BX Power feeds are for indoor applications only and are not compatible with any outdoor accessories.

BX LINKING KIT**

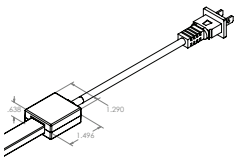


** Linking Kit not compatible with IP connectors or outdoor applications.

IP RATED CONNECTOR WITHOUT PLUG.

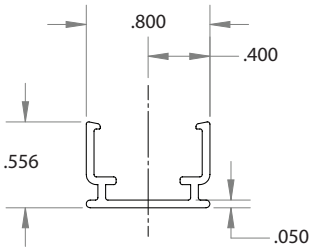


IP RATED CONNECTOR WITH PLUG.

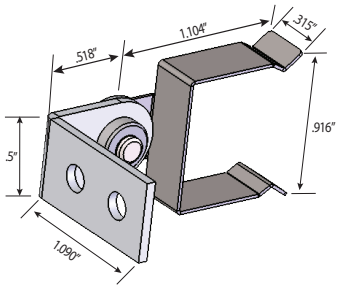


ACCESSORIES

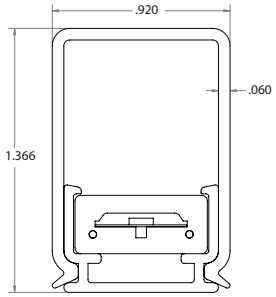
STANDARD MOUNTING TRACK



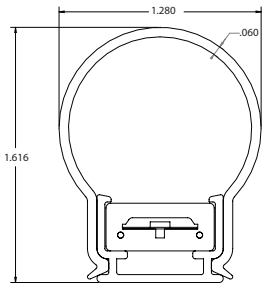
MULTI ANGLE MOUNTING CLIP
Adjustable spring steel clip for setting beam angle or cove installations. Used in conjunction with Flex or Standard Track. Recommended 2 per foot



BOX LENS
Snap over rectangular lens with side light. Satinice acrylic, 87% transmissive.

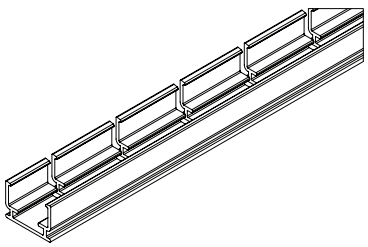


ROUND LENS
Snap over round lens with side light. Satinice acrylic, 87% transmissive.

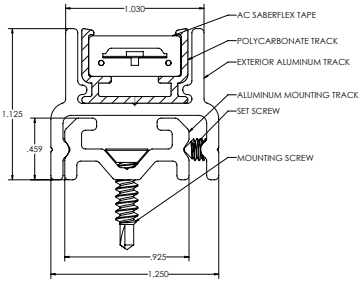


* Lenses are not compatible with the IP connector and are designed for indoor use only. Consult factory for custom outdoor lens configurations.

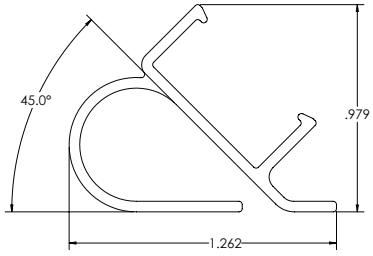
FLEX TRACK
Flex track mates with standard track, allows for wavey or curved installations. Available in vertical (PCTF) bending only.



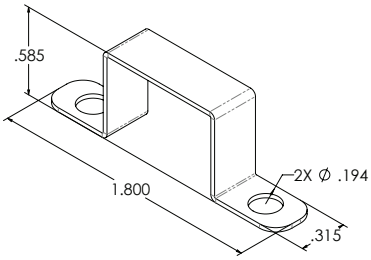
OUTDOOR ALUMINUM CHANNEL WITH MOUNTING TRACK



45 DEGREE COVE TRACK



STAINLESS STEEL HAT CLIP



ORDERING INFORMATION

SFAC – ___ – ___ – ___ – ___ – ___ – ___ – ___ – ___ – ___

SERIES	CRI	COLOR	OUTPUT	LENGTH
SFAC - SaberFlex AC	**8** - 80 CRI minimum **9** - 90 CRI minimum*	**27** - 2700K **30** - 3000K **35** - 3500K **40** - 4000K **50** - 5000K **65** - 6500K**	**L** - Low ouput (200Lm/Ft) **S** - Standard output (375Lm/Ft) **H** - High output (580Lm/Ft)	**RUN***

POWER FEED	CONTROL	MOUNTING	ACCESSORIES
BX - Standard Straight BX **BXRAD-** Right angle BX LED down **BXRAU -** Right angle BX LED up **BX45** - 45 Degree BX **IP** - Standard IP **IPCP** - Straight IP with 5Ft Cord and Plug	**STD** - ELV Dimming **T**- Triac Dimming (consult factory)****	**SSC** - Multiangle Stainless Clip **SHC** - Stainless Steel Hat Clip **PCT** - Clear PC Continuous Track **PCTW** - White PC Continuous track **PCTF** - PC Flex Track **PCT45** - 45 Degree Tilt Cove Track **AT** - Outdoor Aluminum Track	**BL** - Snap on box lens***** **RL** - Snap on round lens***** **SP**- Surge Protector **15** - 15' feed cord **Other** - Consult Factory **LDCM** - 0-10V Dimming Converter **TH** - Remote Termistor **LC** - BX Linking connector kit

Sample Number: SFAC-8-27-S-RUN-BX-STD-PCT-RL

NOTES
*90 CRI option available on 2700k - 4000k only
**Special orders only - consult factory
***Includes length of connector power feed box
****Triac Dimming is special order only at Apogee's discretion, consult factory
*****BL & RL require standard mounting track. Flex track, aluminum outdoor track and 45 degree track are not compatible