

Think Life   Enjoy Light

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LED Lighting 2019-2020

SMW 175

LED Lighting  
2019-2020



Think Life Enjoy Light



About us

COLOR IS NOT A PHYSICAL PROPERTY OF OBJECTS, BUT RATHER A HUMAN PERCEPTION ENABLED BY LIGHT.



SELF Electronics Manufacture Base (Ningbo, China)



SELF Electronics USA Corporation (Atlanta GA, United States)



SELF Electronics Germany GmbH (Cologne, Germany)



SELF Electronics USA Corporation (SELF USA), founded in 2009, is a professional designer and manufacturer for display lighting, shelving lighting and general lighting for retail environment. With its local distribution and technical support, SELF systems are sold through a network of manufacturing reps and other partners to grocery and convenience stores, big box retailers, and OEMs such as manufacturers of showcases, shelving, gondola, and store lighting fixtures.

Supported by its parent company, Ningbo SELF Electronics, founded in 1993 in Ningbo China, is the largest indoor LED lighting manufacturer in China. A global leader with operations in North America, Europe, Asia and China, SELF Electronics specializes in the design and manufacturing of LED lighting, sensors and LED power supplies.

SELF Electronics features a highly recognized research and development team; and such awards as the prestigious European iF product design award in 2014. SELF Electronics is a UL CTDP (Client Test Data Program) Certificate participant, and is recognized as an official author for the National Standards of Indoor LED Lighting in China.



No UV, No IR, No Glass,  
No Mercury

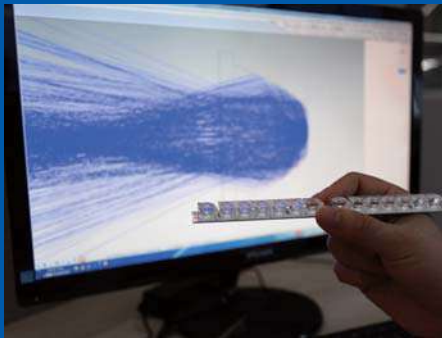
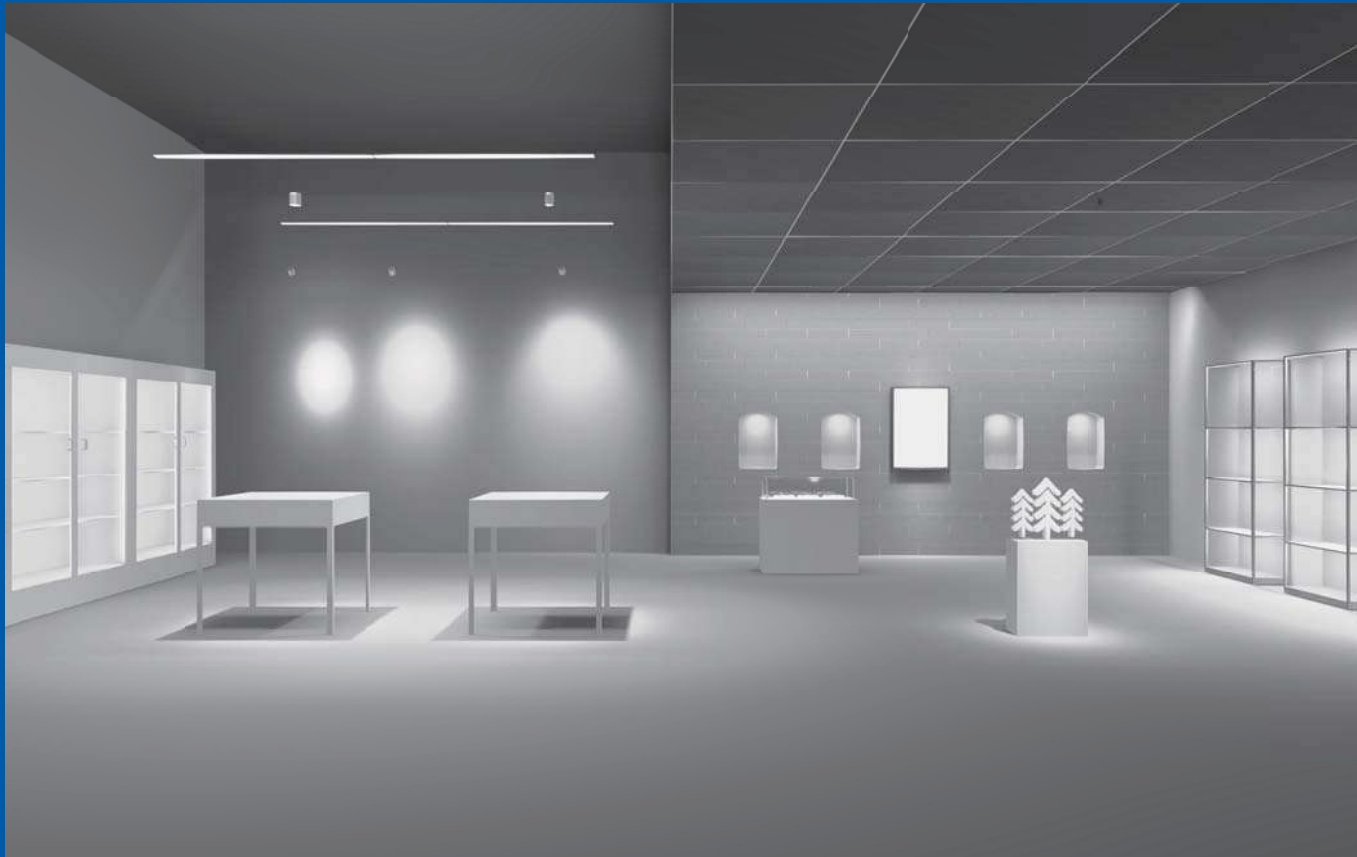


Reduce maintenance  
costs



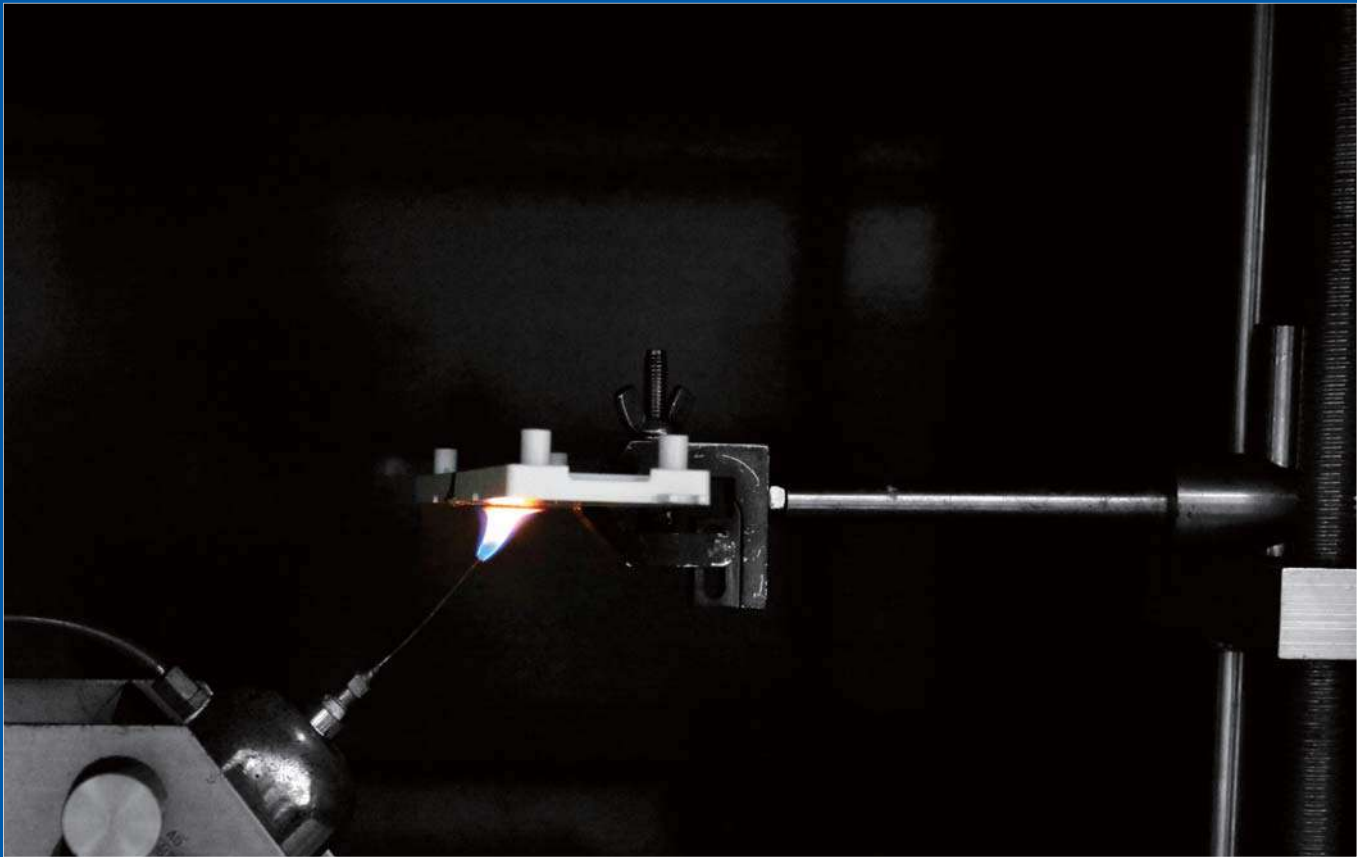
Lower monthly electric bills  
and carbon emissions

Core competence



Research and development

With a development team of electronic, mechanical, optical, thermal etc engineers, SELF is a company with independent development and design capabilities.



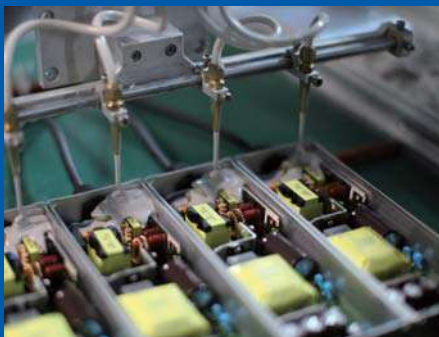
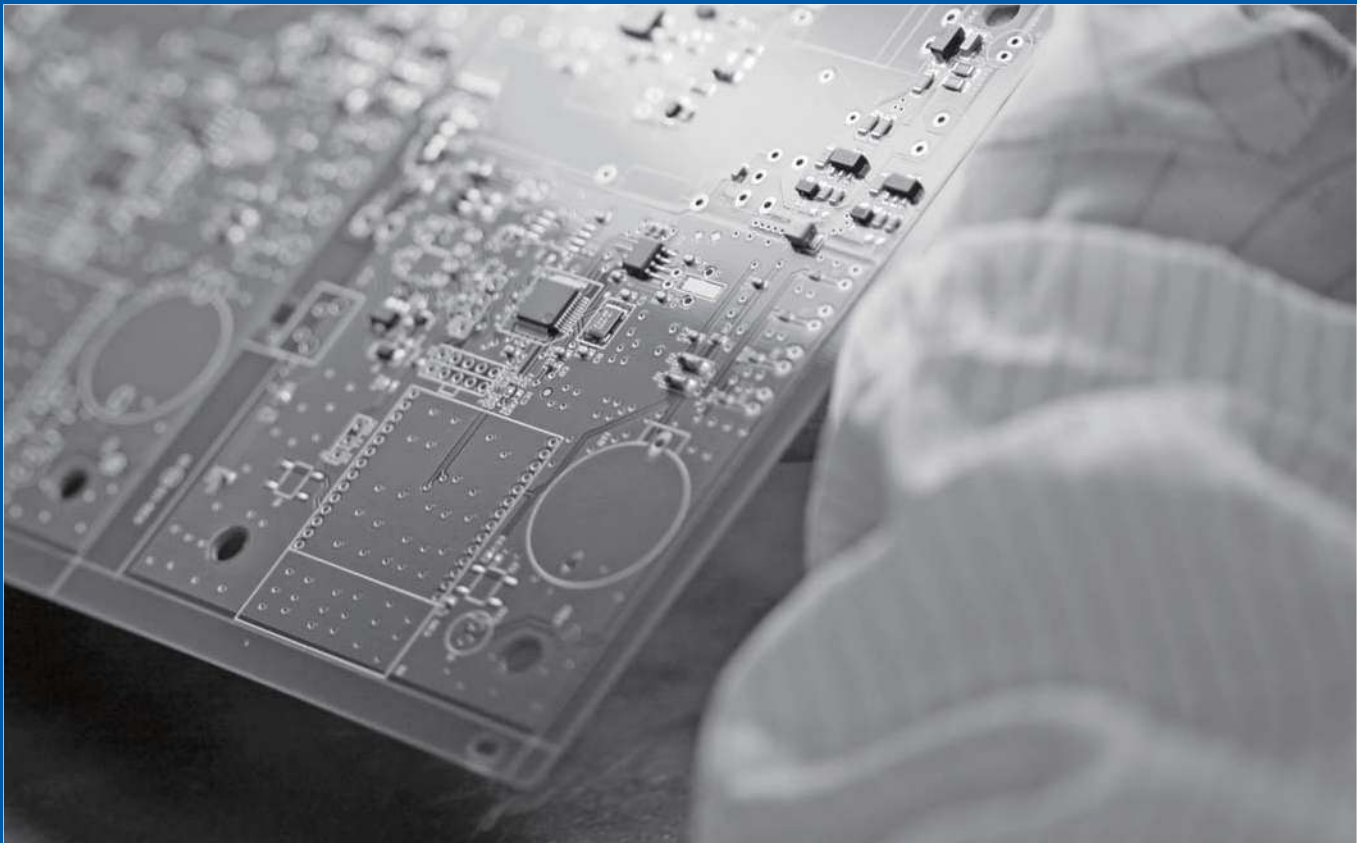
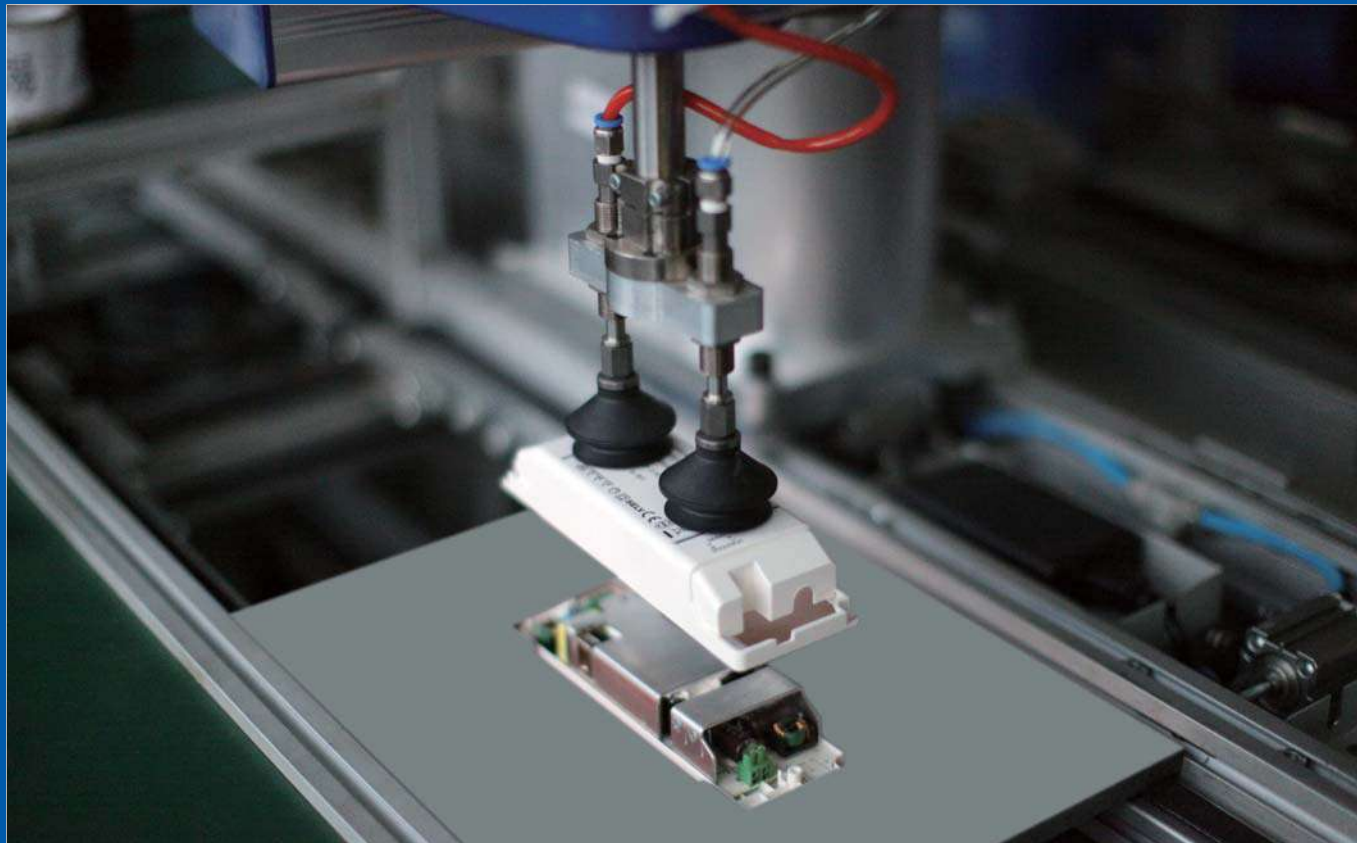
Testing facilities

SELF's testing facility resources include a talented staff of senior testing engineers as well as advanced testing equipment. SELF uses its state-of-the-art testing facilities to ensure products comply with international standards. SELF's testing laboratory is approved by UL as a CTD (Client Test Data Program) laboratory for both LED power supply and LED lighting fixtures, and the laboratory has also been authorized to be the VDE TDAP (Test Data Acceptance Program) by Underwriters Laboratories Inc.





Core competence



Production management

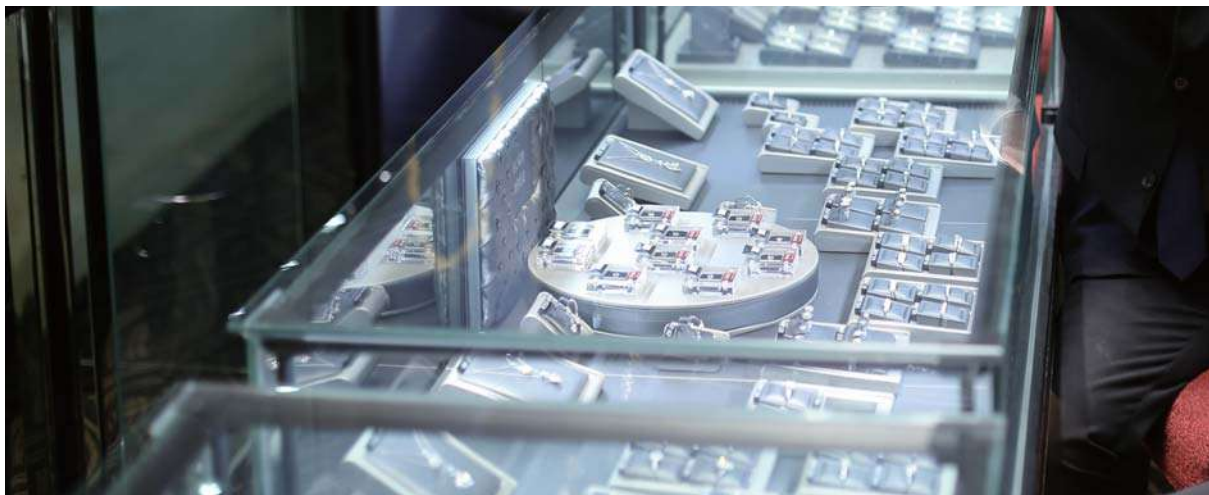
With a factory floor area of more than 624,000 square feet, SELF has the latest technology assembly lines, large-scale production capability, and advanced production equipments. ERP systems manage orders from placement to fulfillment, ensuring prompt production and delivery.

Quality

The SELF Quality Control department strives to maintain the highest level of production by performing 100% on-line inspections.



What SELF can do for your business









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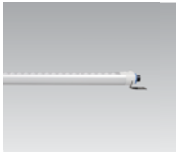
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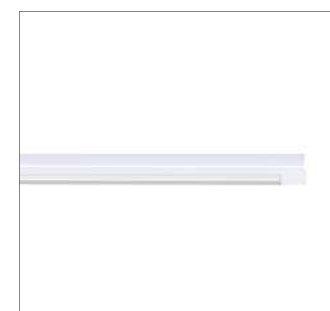
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Shelf lighting



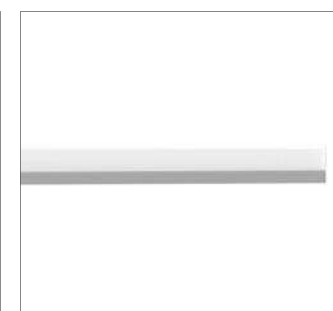




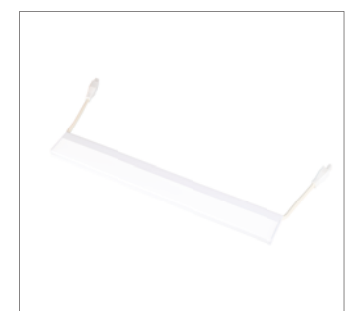
ARROW



LINCUS



ACCENT



STRIDE



Shelf lighting  
ARROW



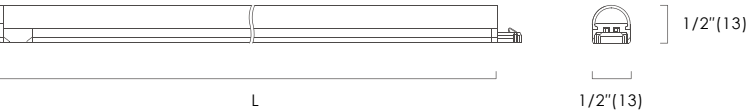
Shelf lighting  
ARROW



- Plug & play (External power supply)
- Wide beam angle
- LEDs pixel free
- Smooth continuous lighting
- Bright and consistent illuminance for display area
- Linkable, max. linkable length: 12' per run
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: -4°F~95°F (-20°C~35°C)
- 4W/ft, 520lm/ft (@4000K)
- Material: Aluminum alloy
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: ARROW-1230K110SC0

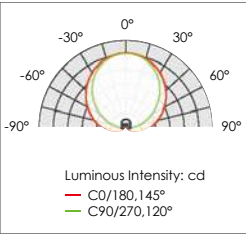
Series	Length	CCT (K)	Beam Angle	Finish	Installation
ARROW	8 - 7.9"(200mm) 12 - 11.8"(300mm) 23 - 22.4"(570mm) 35 - 34.3"(870mm) 45 - 44.9"(1140mm)	30K - 3000K 40K - 4000K	110 - 110°	S - Silver	C0 - Mounting Clip 0°

Specifications

Catalog No.	Model	Rated Input (VDC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm	75W (NA159-7524LA-12A6)	96W (NA383-9624DLA-DG6-12A6)
ARROW-830K110SC0	ARROW-L30-24V	24	85	2.5	325	26pcs <sup>[1]</sup>	33pcs <sup>[1]</sup>
ARROW-840K110SC0							
ARROW-1230K110SC0	ARROW-L48-24V	24	85	4	520	16pcs <sup>[1]</sup>	20pcs <sup>[1]</sup>
ARROW-1240K110SC0							
ARROW-2330K110SC0	ARROW-L90-24V	24	85	7.5	975	8pcs <sup>[1]</sup>	11pcs <sup>[1]</sup>
ARROW-2340K110SC0							
ARROW-3530K110SC0	ARROW-L138-24V	24	85	11.5	1495	5pcs <sup>[1]</sup>	7pcs <sup>[1]</sup>
ARROW-3540K110SC0							
ARROW-4530K110SC0	ARROW-L180-24V	24	85	15	1950	4pcs <sup>[1]</sup>	5pcs <sup>[1]</sup>
ARROW-4540K110SC0							

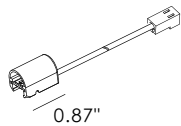
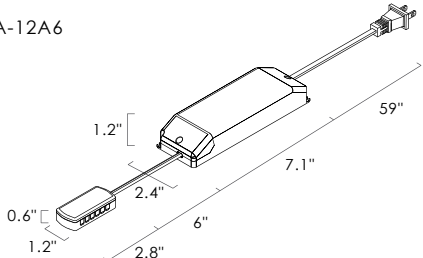
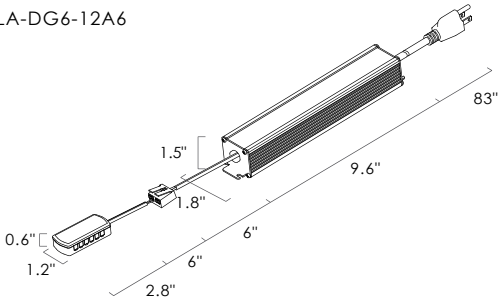
\* Included: 1 pc LED fixture, 2 pcs Screws, 2 pcs Mounting clips, 1 pc End cap.  
[1]: Max.Pcs Per UL Listed LED Power Supply. Not to exceed 12' per run.

Photometrics





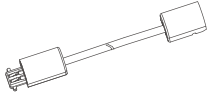
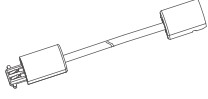
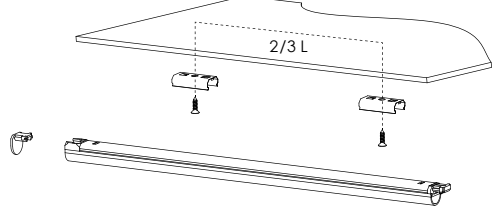
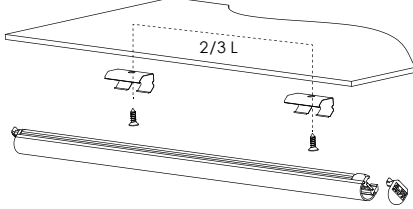


Shelf lighting  
ARROW

Cone Lux Diagram		Vertical & Horizontal Beamwidth				Center Beam FC							
		ARROW-L30-24V				ARROW-L48-24V				ARROW-L90-24V			
		3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K
12"	41-5/8"	96	96	155	155	194	194	221	221	219	219		
18"	62-3/8"	47	47	75	75	108	108	132	132	135	135		
24"	83-1/8"	27	27	44	44	68	68	89	89	95	95		
30"	103-7/8"	18	18	10	10	47	47	63	63	69	69		
H	D	328 lm	328 lm	520 lm	520 lm	975 lm	975 lm	1495 lm	1495 lm	1950 lm	1950 lm		

Accessories	Catalog No.	Description	Length (inch)
	IC-AR-59	 0.87" Input cable (Must be between the light and splitter)	59"
	NA159-7524LA-12A6	 Model: SLT75-24VL-2A Matching driver, max. 75W. Input: 100-120VAC NA plug 1 + 59" cable. Output: 24VDC 12-way splitter JB-12A + 6" cable.	
	NA383-9624DLA-DG6-12A6	 Model: SLD96-24VC-UN1-A Matching 1-10V dimmable driver, max. 96W. Input: 120-250VAC NA3 plug + 83" cable. Output: 24VDC DG238 DEGSON connector + 6" cable + 12-way splitter JB-12A + 6" cable.	

Shelf lighting  
ARROW

Accessories (optional)	Catalog No.	Description	Length (inch)
	MC-AR (included)	 0° mounting clip x 2	-
	MC45-AR	 45° mounting clip x 2	-
	MMC-AR	 0° magnetic mounting clip x 2	-
	MMC45-AR	 45° magnetic mounting clip x 2	-
	SC-AR-2	 Soft connector 2" x 1	-
	SC-AR-12	 Soft connector 12" x 1	-
Installation	0° mounting clip		
	45° mounting clip		

Shelf lighting  
LINCUS



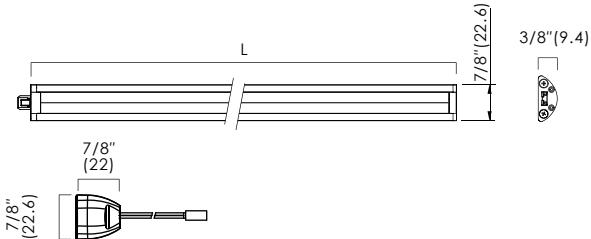
Shelf lighting  
LINCUS



- Plug & play (External power supply)
- Wide beam angle
- Bright and consistent illuminance for display area
- Dark spot free at the linking point
- Linkable, max. linkable length: 10' per run
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: -4°F~95°F (-20°C~35°C)
- Material: Aluminum alloy
- 3W/ft, 240lm/ft (@4000K)
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: LINCUS-1130K90SCO

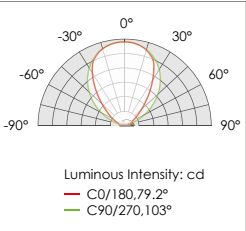
Series	Length	CCT (K)	Beam Angle	Finish	Installation
LINCUS	11 - 10.4"(264.7mm) 17 - 16.4"(417.3mm) 23 - 22.4"(569.7mm)	30 - 3000K 40 - 4000K	90 - 90°	S - Silver	C0 - Mounting Clip 0°

Specifications

Catalog No.	Model	Rated Input (VDC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm	40W (NA159-4024LA-12A6)	75W (NA159-7524LA-12A6)	96W (NA383-9624DLA-DG6-12A6)
LINCUS-1130K90SCO	LINCUS-L12-24V-1	24	85	2.8	224	12pcs	22pcs	29pcs
LINCUS-1140K90SCO								
LINCUS-1730K90SCO	LINCUS-L18-24V-1	24	85	4.2	336	8pcs	15pcs	19pcs
LINCUS-1740K90SCO								
LINCUS-2330K90SCO	LINCUS-L24-24V-1	24	85	5.6	448	6pcs	11pcs	14pcs
LINCUS-2340K90SCO								

\* 1pc LED fixture, 2pcs Screws, 2pcs Mounting clips, 1pc End cap.  
[1]: Max. Length Per UL Listed LED Power Supply.

Photometrics





Linear lighting  
LINCUS

Cone Lux Diagram

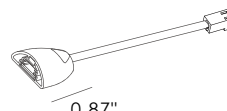
Vertical & Horizontal Beamwidth

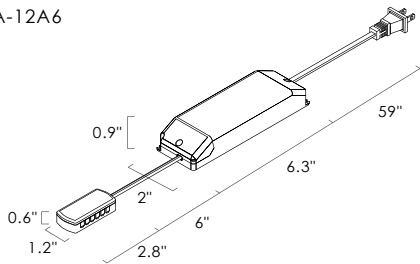
Center Beam FC

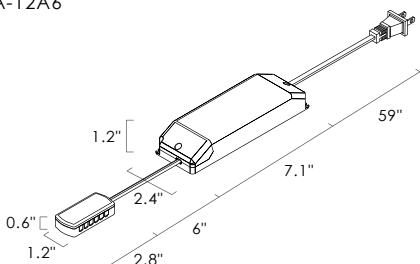
		LINCUS-L12-24V-1		LINCUS-L18-24V-1		LINCUS-L24-24V-1	
		3000K	4000K	3000K	4000K	3000K	4000K
12"	41-5/8"	90	90	121	121	143	143
18"	62-3/8"	44	44	62	62	80	80
24"	83-1/8"	25	25	37	37	47	47
30"	103-7/8"	17	17	24	24	32	32
H	D	224 lm	224 lm	336 lm	336 lm	448 lm	448 lm

Accessories

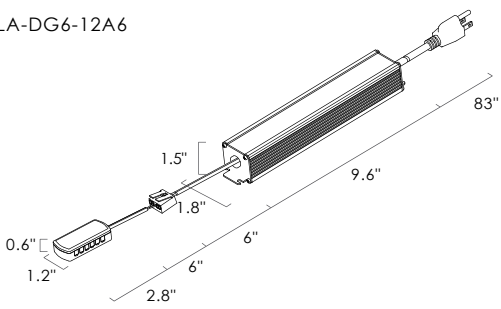



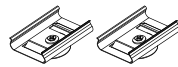
Catalog No.	Description	Length (inch)
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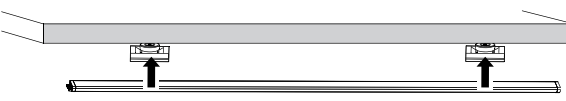
IC-AR-59	 Input cable (must be between light and splitter)	59"
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NA159-4024LA-12A6	 Model: SLT40-24VL-UN-A Matching driver, max. 40W. Input: 100-120VAC NA plug 1 + 59" cable. Output: 24VDC 12-way splitter JB-12A + 6" cable.	
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NA159-7524LA-12A6	 Model: SLT75-24VL-2A Matching driver, max. 75W. Input: 100-120VAC NA plug 1 + 59" cable. Output: 24VDC 12-way splitter JB-12A + 6" cable.	
-------------------	--	--

Linear lighting  
LINCUS

Accessories	Catalog No.	Description	Length (inch)
	NA383-9624DLA-DG6-12A6	 Model: SLD96-24VC-UN1-A Matching 1-10V dimmable driver, max. 96W. Input: 120-250VAC NA3 plug + 83" cable. Output: 24VDC DG238 DEGSON connector + 6" cable + 12-way splitter JB-12A + 6" cable.	-
	MC-LC (included)	 Mounting clips	-
Accessories (optional)	SC-LC-2	 Soft connector	2"
	SC-LC-12	 Soft connector	12"
	MMC-LC	 Magnetic mounting clips	-

Installation	Non-magnetic surface installation	
	Magnetic surface installation	

Shelf lighting  
ACCENT



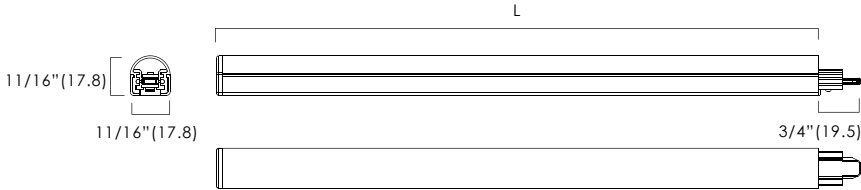
Shelf lighting  
ACCENT



- Super-slim
- Line voltage fixture
- Smooth continuous lighting
- End-to-end connection
- Easy installation option
- Linkable, max. linkable length: 60'
- 4W/ft, 440lm/ft (@4000K)
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: -4°F~95°F (-20°C~35°C)
- Material: Aluminum Alloy
- Other color temp available



Dimensions: (Inches/mm)



How to order using our catalog numbers  
Example: ACCENT-1130K

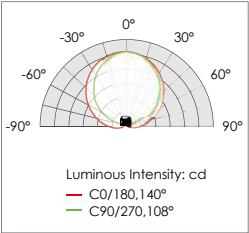
Series	Length	CCT (K)	Beam Angle	Finish	Installation
ACCENT	11 - 10.4"(265mm)				
	22 - 21.3"(540mm)	30K - 3000K	[blank] - 110°	[blank] - Natural Aluminum	[blank] - Mounting Clips
	32 - 31.9"(810mm)	40K - 4000K			
	44 - 43.8"(1111.5mm)				

Specifications

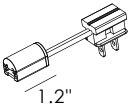
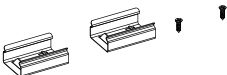
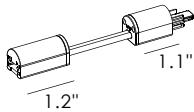
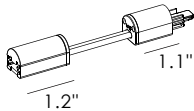
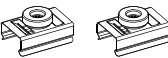
Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
ACCENT-1130K	ACCENT-L44-120V	120	85	4	440
ACCENT-1140K					
ACCENT-2230K	ACCENT-L88-120V	120	85	8	880
ACCENT-2240K					
ACCENT-3230K	ACCENT-L132-120V	120	85	12	1320
ACCENT-3240K					
ACCENT-4430K	ACCENT-L176-120V	120	85	16	1760
ACCENT-4440K					

\* Included: 1 pc LED fixture, 2pcs Screws, 2pcs Mounting clips, 1 pc End cap.

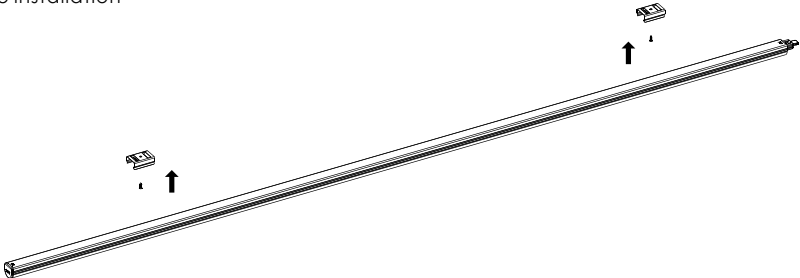
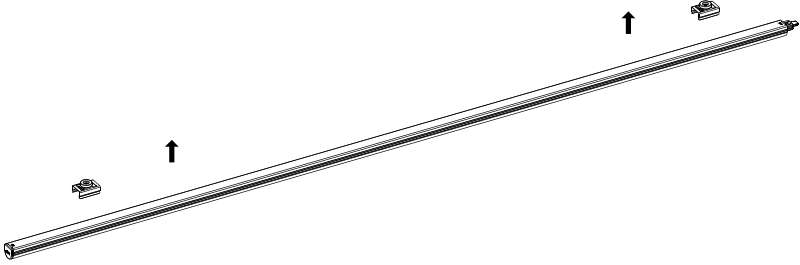
Photometrics



Shelf lighting  
ACCENT

Accessories	Catalog No.	Description	Length (inch)
	IC-ACCENT-59	 1.2"  Input cable	59"
Accessories (optional)	Catalog No.	Description	Length (inch)
	MC-ACCENT (included)	  Screw mounting clips	-
	SC-ACCENT-2	 1.2" 1.1"  Soft connector	2"
	SC-ACCENT-12	 1.2" 1.1"  Soft connector	12"
	MMC-ACCENT	  Magnetic mounting clips	-

Shelf lighting  
ACCENT

Installation	Non-magnetic surface installation
	
	Magnetic surface installation
	

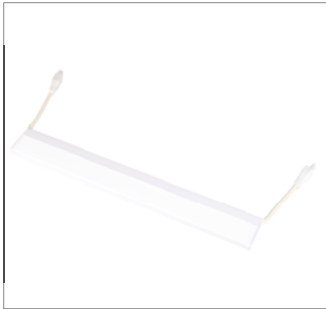
Shelf lighting

STRIDE



Shelf lighting

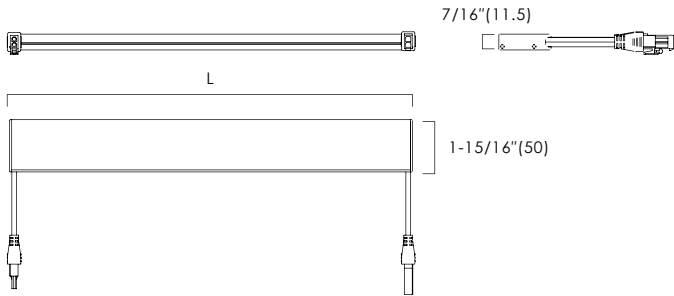
STRIDE



- Plug & play
- Line voltage fixture
- Smooth continuous lighting
- Super-thin design 7/16" (11.5mm)
- Easy installation option
- Dimmable, 10%~100% dimmable by trailing edge or leading edge dimmers
- Linkable, max. linkable length: 60'
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: -4°F~95°F (-20°C~35°C)
- Material: PC
- 4W/ft, 320lm/ft(@4000K)



Dimensions: (Inches/mm)



How to order using our catalog numbers  
Example: STRIDE-1230K110WSM

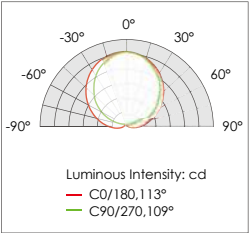
Series	Length	CCT (K)	Beam Angle	Finish	Installation
STRIDE	12 - 11.8"(300mm) 23 - 22.4"(570mm) 47 - 46.1"(1170mm)	30K - 3000K 40K - 4000K	110 -100°	W - White	SM - Surface Mounting

Specifications

Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
STRIDE-1230K110WSM	STRIDE-L48-120V	120	85	4	320
STRIDE-1240K110WSM					
STRIDE-2330K110WSM	STRIDE-L96-120V	120	85	8	640
STRIDE-2340K110WSM					
STRIDE-4730K110WSM	STRIDE-L144-120V	120	85	16	1280
STRIDE-4740K110WSM					

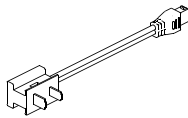
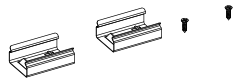
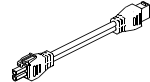
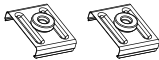
\* Included: 1 pc LED fixture, 2pcs Screws, 2pcs Mounting clips.

Photometrics

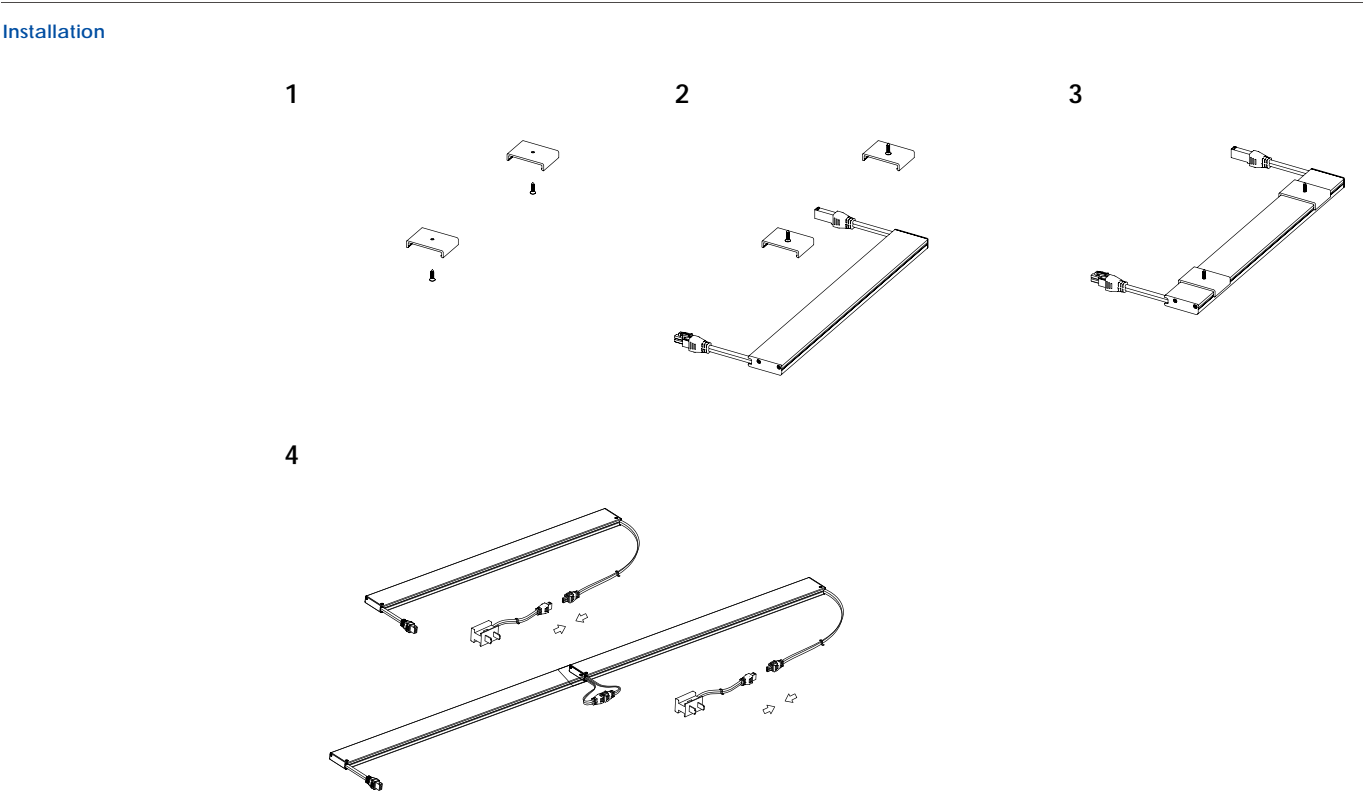




Shelf lighting  
STRIDE

Accessories	Catalog No.	Description	Length (inch)
	IC-SD-59	 Input cable	59"
Accessories (optional)	Catalog No.	Description	Length (inch)
	MC-SD	 Screw mounting clips	-
	SC-SD-12	 Soft connector	12"
	MMC-SD	 Magnetic mounting clips	-

Shelf lighting  
STRIDE

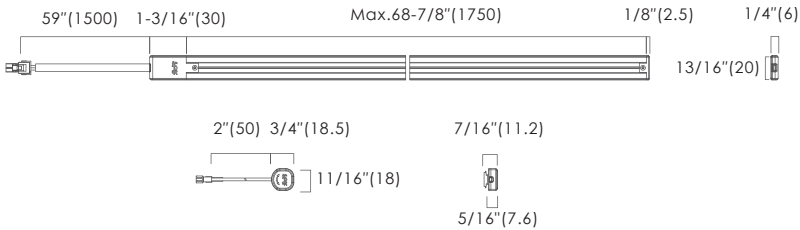




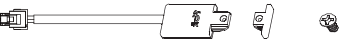
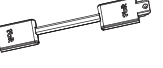
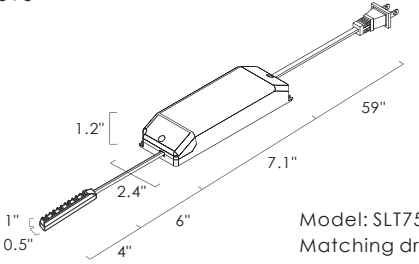


- Track system for low voltage, max 12V, 5A or 24V, 4A
- For adapter(MNTK-MNVS-2) , max 2A.
- Super slim design to be hidden by shelves
- Easy installation by double side adhesive tape
- Adapter free installation with no direction limit
- Ta:- 13°F~122°F (-25 C ~50 C)

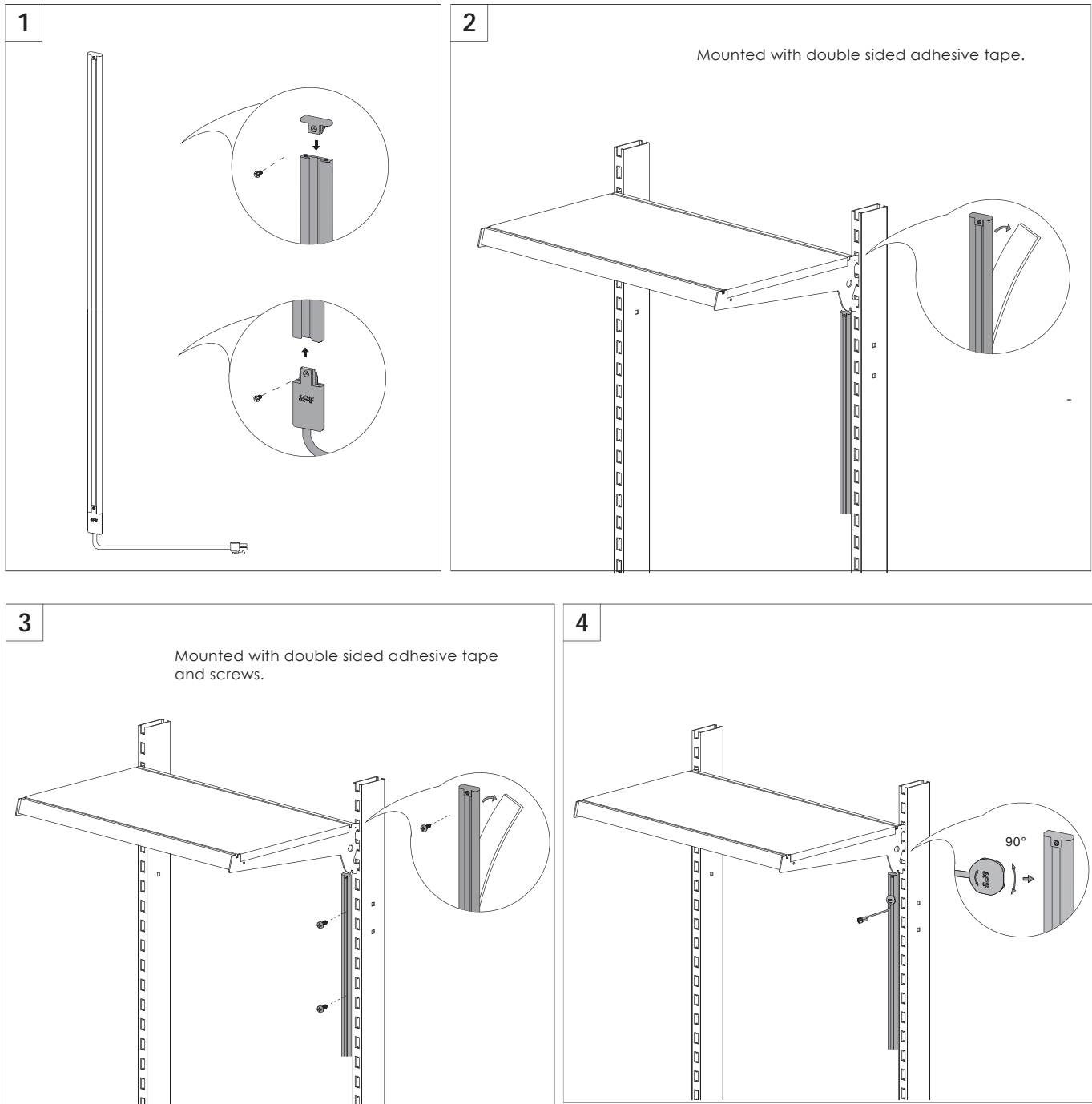


Dimensions: (inches/mm)

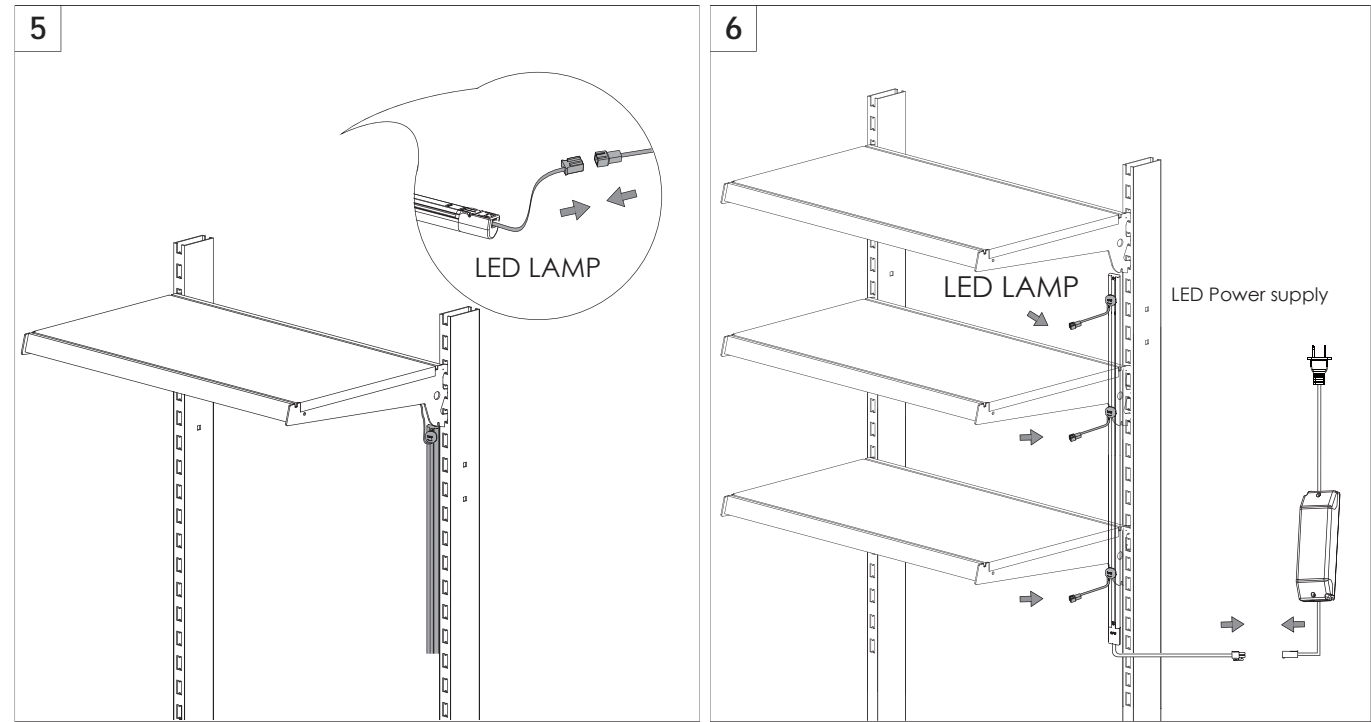


Accessories	Catalog No.	Description	Length (inch)
	MNTK-72	 The track of MNTK	69"
	MNTK-MNVS-2	 The adaptor of MINI track, with 2" output cable + HAA250G socket Max output 2A.	2"
	IC-MNTK-59	 Input cable of MINI track, with end cap 59" length + PDL plug (must be between the MINI track and splitter)	59"
	SC-MNTK-2	 Soft connector	2"
	NA159-7524LA-6V6	 Model: SLT75-24VL-2A Matching driver, max. 75W. Input: 100-120VAC NA plug 1 + 59" cable. Output: 24VDC 6-way splitter JB-6-4 + 6" cable.	

Installation



Installation





Aisle lighting



PATH



Aisle lighting  
PATH



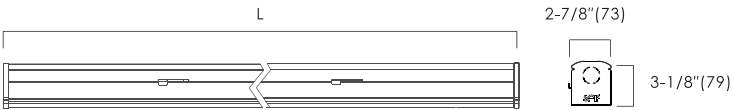
Aisle lighting  
PATH



- Even light distribution
- Tool-less slide-in structure for easy installation
- Continuous run installation
- Comparable to fluorescent 2-lamp 32W T8
- Works with occupancy sensor SHA-B-277V
- Dimmable, 1-10V dimming to 10%-100%
- Max. linkable length: 160' per run @120VAC, 300' per run @277VAC
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: -4°F~95°F (-20 C~35°C)
- Material: Aluminum alloy
- 12W/ft, 1380lm/ft
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: PATH-4730K90WPM

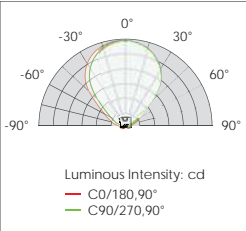
Series	Length	CCT (K)	Beam Angle	Finish	Installation
PATH	47 - 47.2"(1200mm) 95 - 94.5"(2400mm)	30K - 3000K 40K - 4000K	90 - 90°	W - White	PM - Pendant Mounting

Specifications

Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
PATH-4730K90WPM PATH-4740K90WPM	PATH-L150-277V	120~277	85	48	5520
PATH-9530K90WPM PATH-9540K90WPM	PATH-L300-277V	120~277	85	98	11040

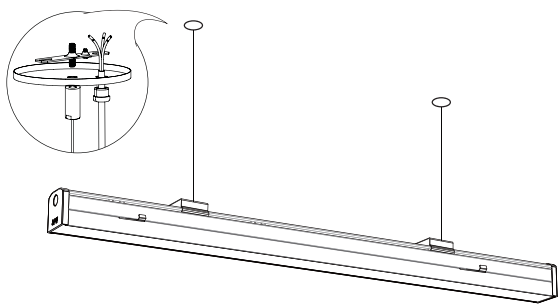
\* Included:1pc LED fixture, 2pcs Mounting clips, 2pcs End caps.  
\* 2 aircraft cables are needed for both 4' and 8' lighting fixture.

Photometrics

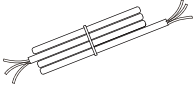

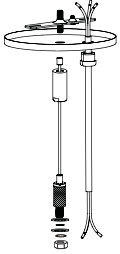
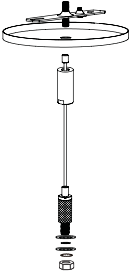


Aisle lighting  
PATH

Wiring Diagram

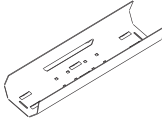


Accessories (optional)

Catalog No.	Description	Length (mm)	N.W. (g)
PFC10-PT	 Power feed cord 12/3 SJT , including 10 pcs tie wraps	120"	-
AC10-PT	 Aircraft cable without ceiling plate canopy	10"	-
PFA-PT	 Power feed assembly, including cable coupler (threaded for 1/4-20 stud), cable holder with screw and washer, cable(10'), 1/4-20 hanger bolt, junction box cross bar and 5" ceiling plate canopy with opening in the ceiling plate for the power cord, without power cord	-	-
ACP-PT	 Aircraft cable pack, including cable coupler (threaded for 1/4-20 stud), cable holder with screw and washer, cable(10'), 1/4-20 hanger bolt, junction box cross bar and 5" ceiling plate canopy.	-	-

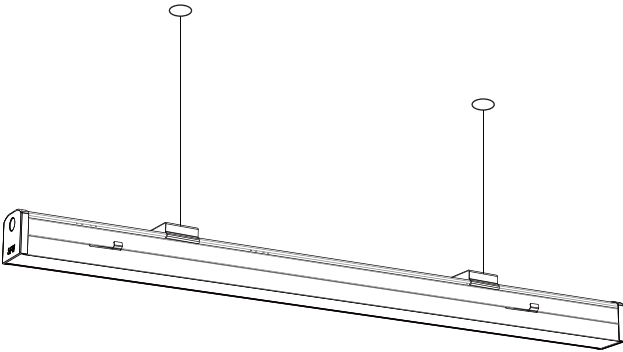
Aisle lighting  
PATH

Accessories (optional)

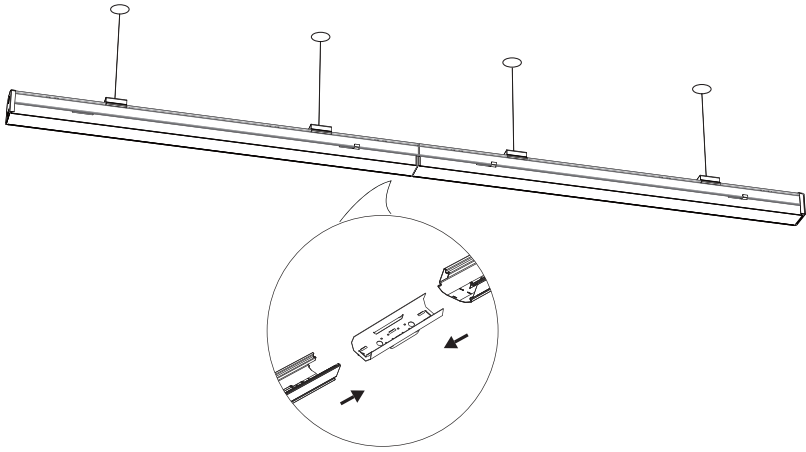
Catalog No.	Description	Length (mm)	N.W. (g)
HC-PT	 Hard connector	-	-

Installation

Suspended mounting installation



Continuous run installation



Ceiling Lighting



PHOENIX



Ceiling Lighting  
PHOENIX



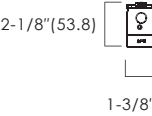
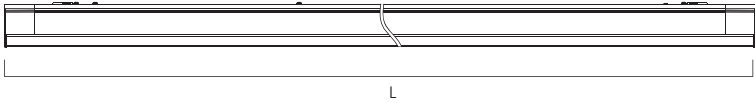
Ceiling Lighting  
PHOENIX



- Smooth continuous lighting
- Tool-less slide-in structure for easy installation
- Continuous run installation
- Linkable, max.linkable length: 80' @120VAC, 160' @277VAC
- Dimmable, 1-10V dimming to 10%-100%
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta:-4°F~95°F (-20°C~35°C)
- Material: Aluminum alloy
- 8W/ft, 840lm/ft
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: PHOENIX-2530K95WPM

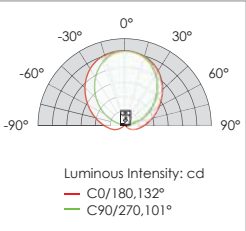
Series	Length	CCT (K)	Beam Angle	Finish	Installation
PHOENIX	25 - 24.4\"(621mm) 47 - 47\"(1194mm)	30 - 3000K 40 - 4000K	95 - 95°	W - White	PM - Pendant Mounting

Specifications

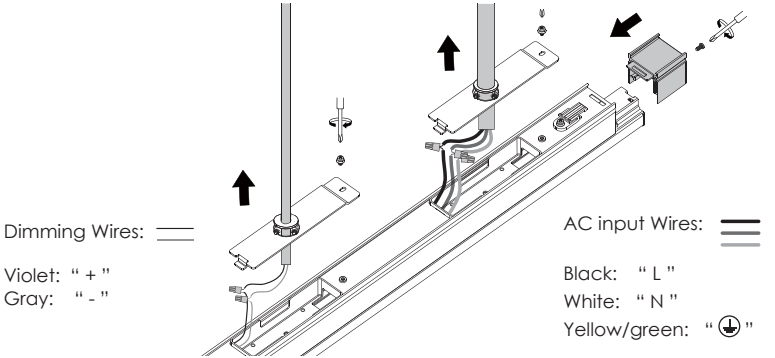
Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
PHOENIX-2530K95WPM PHOENIX-2540K95WPM	PHOENIX-L64-277V	120-277	85	16	1680
PHOENIX-4730K95WPM PHOENIX-4740K95WPM	PHOENIX-L120-277V	120-277	85	28	3080

\* 1 pc LED fixture, 2pcs Mounting clips

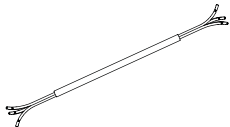

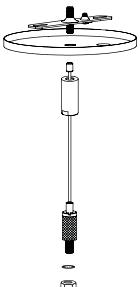
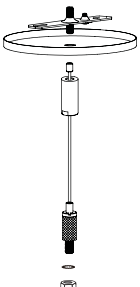
Photometrics



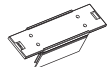
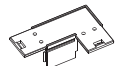
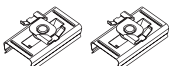

Wiring Diagram



Ceiling Lighting  
PHOENIX

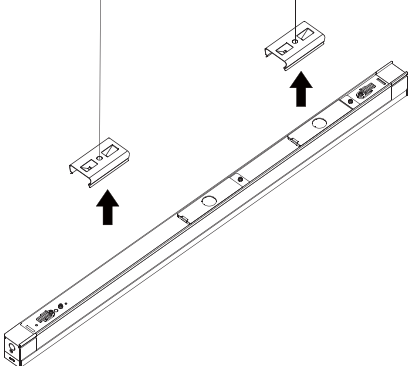
Accessories (optional)	Catalog No.	Description	Length (mm)	N.W. (g)
	PFC10-PHX	 Power feed cord 18/3 SJT , including 10 pcs tie wraps	120"	-
	AC10-PT	 Aircraft cable without ceiling plate canopy	120"	-
	PFA-PT	 Power feed assembly, including cable coupler (threaded for 1/4-20 stud), cable holder with screw and washer, cable (10'), 1/4-20 hanger bolt, junction box cross bar and 5" ceiling plate canopy with opening in the ceiling plate for the power cord, without power cord.	120"	-
	ACP-PT	 Aircraft cable pack, including cable coupler (threaded for 1/4-20 stud), cable holder with screw and washer, cable (10'), 1/4-20 hanger bolt, junction box cross bar and 5" ceiling plate canopy.	120"	-

Ceiling Lighting  
PHOENIX

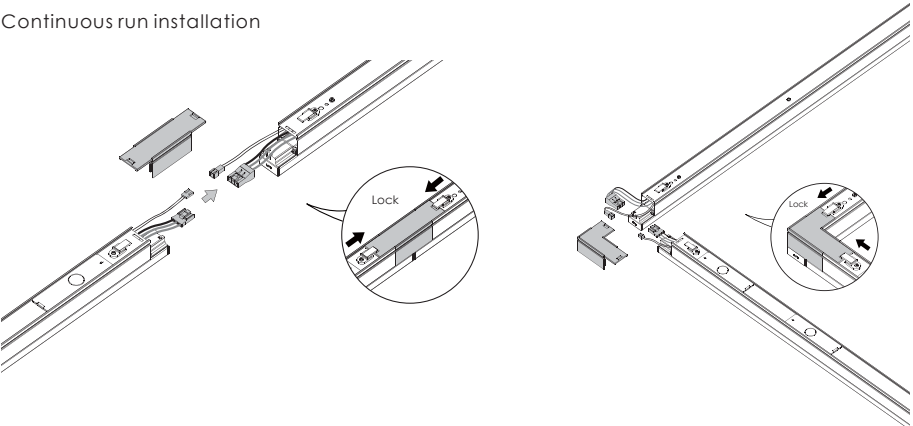
Accessories (optional)	Catalog No.	Description	Length (mm)	N.W. (g)
	DC-PHX	 Direct connector	-	-
	LC-PHX	 L-style connector	-	-
	MCC-PHX	 Mounting Clips	-	-
	SRG-PHX	 Strain relief grip for end cap	-	-

Installation

Suspended mounting installation



Continuous run installation



Vaportight Lighting



TINA



Vaportight Lighting  
TINA



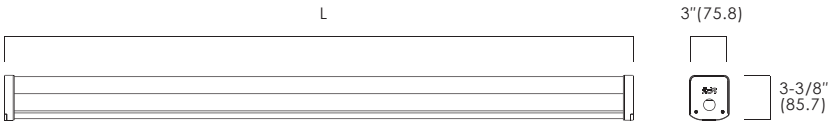
Vaportight Lighting  
TINA



- Even light distribution
- Tool-less slide-in structure for easy installation
- Linkable, max. linkable length: 72' @120VAC, 156' @277VAC
- Dimmable, 1-10V dimming to 10%-100%
- Works with occupancy sensor SHA-B-277V
- IP rating: IP65 (for wet locations)
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: -13°F~122°F(-25°C~50°C)
- Material: Aluminum alloy
- 10W/ft, 1150 lm/ft(@4000K)
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: TINA-2440K120WC0

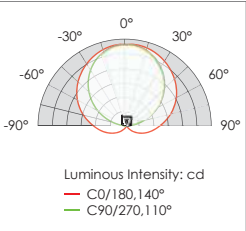
Series	Length	CCT (K)	Beam Angle	Finish	Installation
TINA	24 - 23.6" (600mm) 48 - 47.1" (1197mm)	40K - 4000K 50K - 5000K	120 - 120°	W - White	C0 - Mounting Clip 0°

Specifications

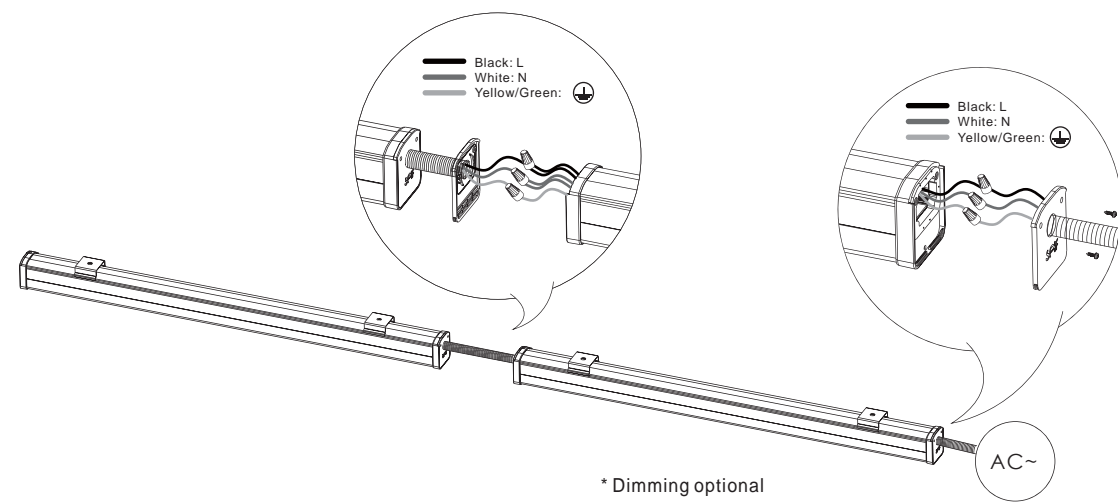
Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
TINA-2440K120WC0	TINA-L60-277V	120-277	85	20	2300
TINA-2450K120WC0					
TINA-4840K120WC0	TINA-L120-277V	120-277	85	40	4600
TINA-4850K120WC0					

\* 1pc LED fixture, 2pcs Mounting clips, 2pcs Screws, 2pcs Expansion screws, 2pcs Flat clips, 10pcs Wire nuts.

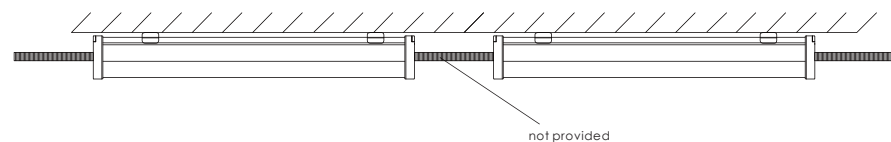
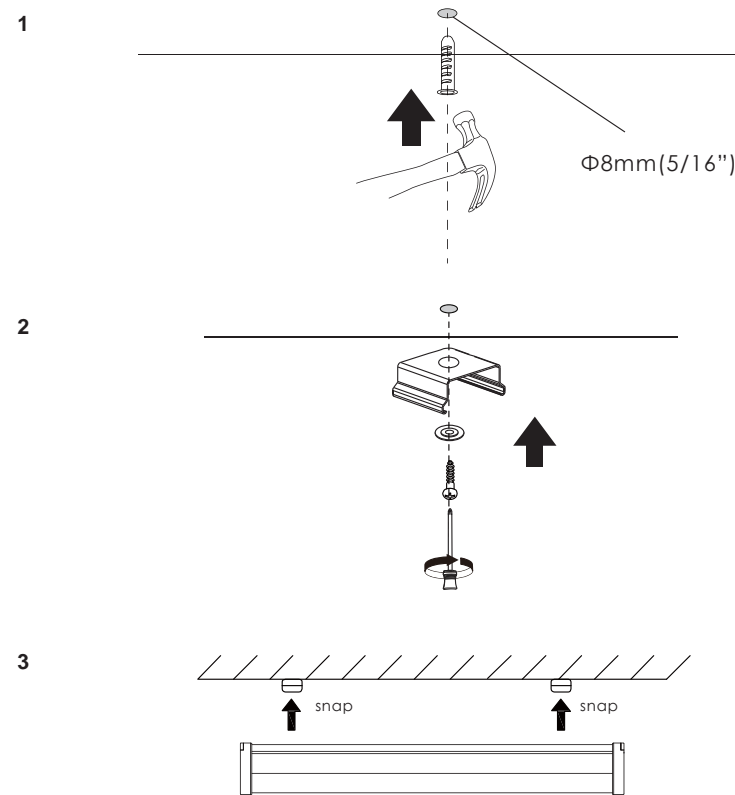
Photometrics



Installation

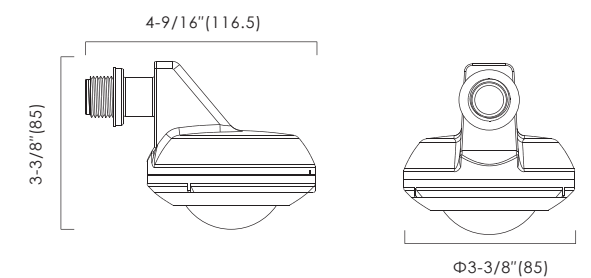


Installation

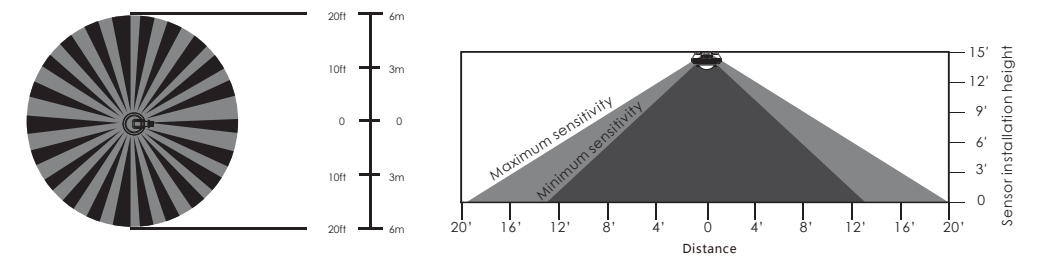


- Human-body detection sensor
- Brightness adjustable
- Time delay selectable
- Coverage pattern adjustable up to 20 feet
- DIP switch simplifies sensor adjustments
- IP rating: IP65 (for wet locations)
- Lifetime: 50,000hrs (Ta=95°F, 35°C)
- Ta: 32°F~95°F (0°C~35°C)
- Material: PC
- Works with PATH and TINA

Dimensions: (inches/mm)



Highlight



How to order using our catalog numbers  
Example: LINCUS-1130K90SC0

Series	Finish
SHA-B-277V	W - White

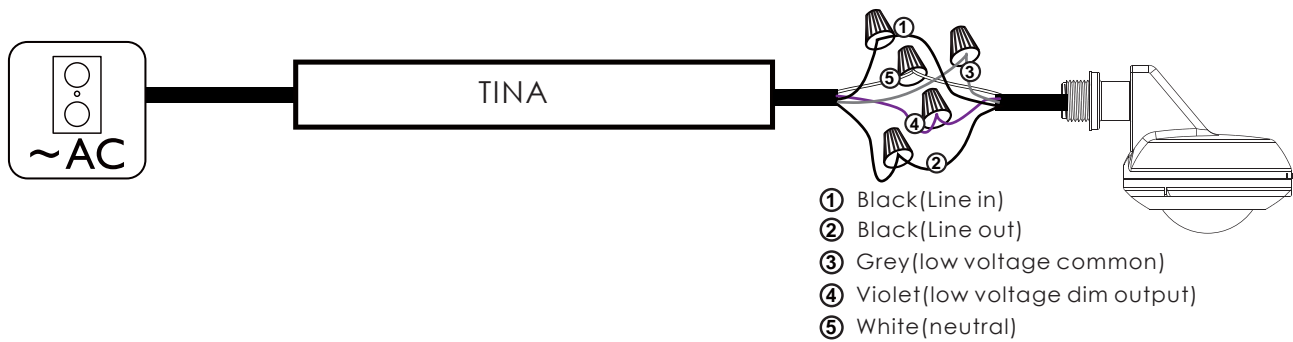
Specifications

Model	Rated Input (VAC)	Max. Detection Range (ft)	Daylight Sensor Set Point Levels	Delay Time (min)	Brightness
SHA-B-277V	120-277VAC	≥20*, ≥13 (2 options)	High, Mid, Low, disable (4 options)	4, 8*, 16, 30 (4 options)	10%*, 50% (2 options)

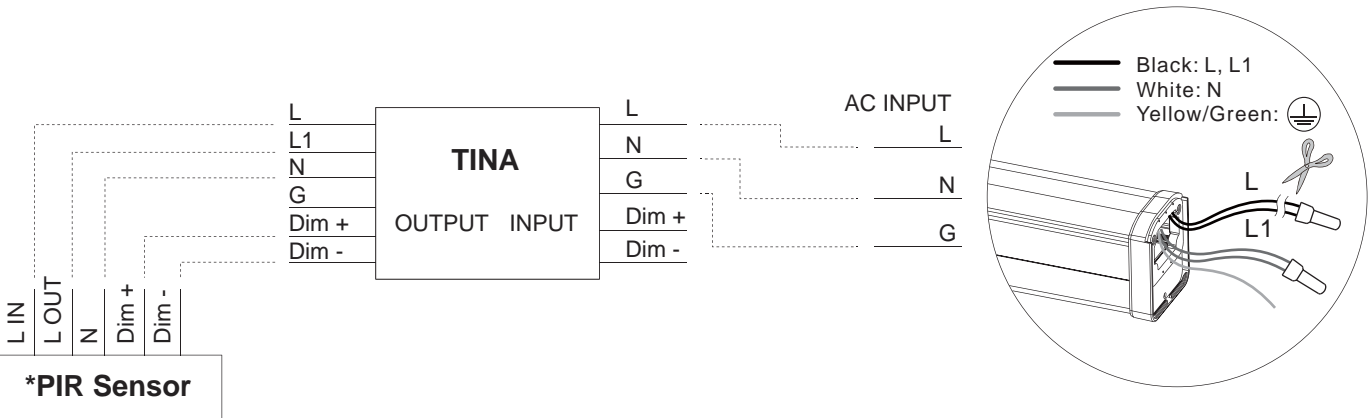
\* default setting

Vaportight Lighting  
PIR Sensor optional for TINA

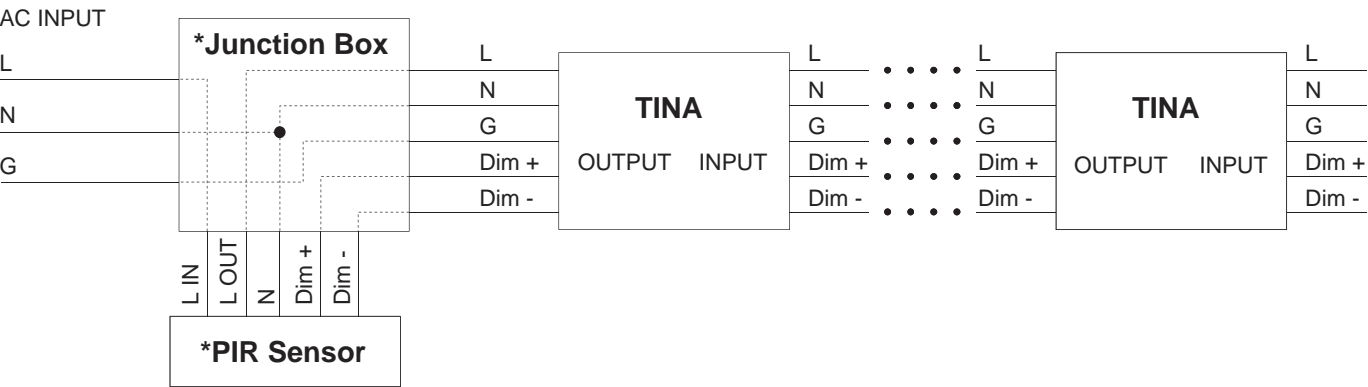
Wiring diagram



① Unlinkable

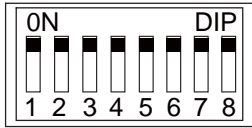


② Linkable



Vaportight Lighting  
PIR Sensor optional for TINA

Function Description



Mode	1	Daylight	2	3	Sensitivity	4	Brightness Level	5	Dimming Mode	6	Delay Time	7	8
Manual off	<input type="checkbox"/>	High	<input type="checkbox"/>	<input type="checkbox"/>	Minimum	<input type="checkbox"/>	50%	<input type="checkbox"/>	Off	<input type="checkbox"/>	30 Minute	<input type="checkbox"/>	<input type="checkbox"/>
Auto	<input type="checkbox"/>	Medium	<input type="checkbox"/>	<input type="checkbox"/>	Maximum	<input type="checkbox"/>	10%	<input type="checkbox"/>	Dimming	<input type="checkbox"/>	16 Minute	<input type="checkbox"/>	<input type="checkbox"/>
		Low	<input type="checkbox"/>	<input type="checkbox"/>							4 Minute	<input type="checkbox"/>	<input type="checkbox"/>
		Disable	<input type="checkbox"/>	<input type="checkbox"/>							8 Minute	<input type="checkbox"/>	<input type="checkbox"/>

Mode: When choosing "Manual off" the system will be in off state, when choosing "Auto" the system will be in working state.  
Daylight: When the actual daylight is higher than the preset daylight mode, the light will be in off state.  
In "Auto" mode you can follow the optional function below:  
1. Upon initial plug in, the fixture will turn on at 100% brightness for 20 seconds.  
2. The light will be at 100% brightness level once the sensor detects the occupants. When the sensor no longer detects the occupants, after the 1st delay time, the light will change to the preset brightness level.  
3. When the sensor no longer receives any signal, after 2nd delay time, the light will turn off completely.  
Notes:  
When choosing "Off" mode, system will follow step 1, 2 and 3.  
When choosing "Dimming" mode, system will follow step 1 and 2.  
The daylight, brightness level, delay time, etc are preset according to the form.  
Automatic detecting function: Upon plug in, turn the mode from "Manual off" to "Auto", the preset function will carry on automatic detection.



Accent Lighting



SPOCK



Accent Lighting  
SPOCK



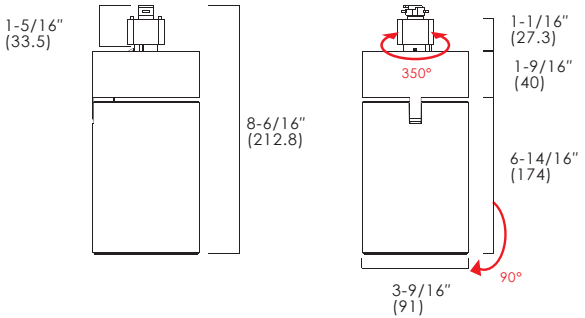
Accent Lighting  
SPOCK



- High lumen output
- Anti-glare design
- Compatible with Halo 'Single Circuit' type track
- Available with swivel heads, allows swiveling up to 90 ° and rotation of 350°
- Dimmable, 10%-100% by trailing edge or leading edge dimmers@120Vac
- Working with trailing edge or leading edge dimmers, not to exceed dimmer suggested wattage
- Recommended dimmers: Leviton Decora-6631, Lutron TG-603PGH, CTCL-153PDH, TGCL-153PH, DV-600PR etc.
- Lifetime: 50,000hrs (Ta=95°F, 35°C)
- Ta:-4°F~95°F (-20°C~35°C)
- Material: Aluminum alloy
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: SPOCK-30K25B

Series	CCT (K)	Beam Angle	Finish
SPOCK	30K - 3000K	25 - 25°	B - Black
	40K - 4000K	45 - 45°	W - White

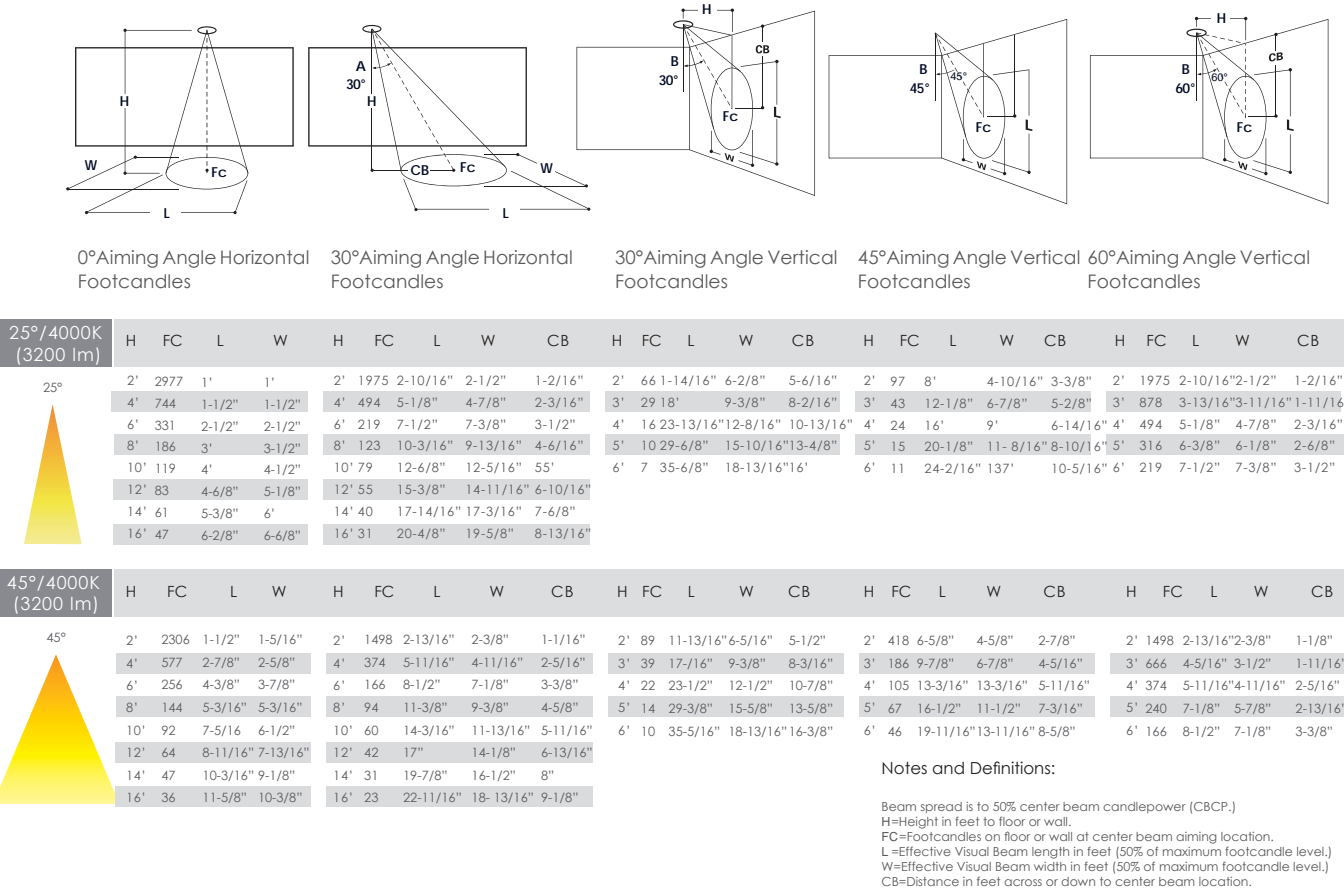
Specifications

Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
SPOCK-30K25B	SPOCK-R1-120V-3	120-277VAC	85	32	3200
SPOCK-30K25W					
SPOCK-30K45B					
SPOCK-30K45W					
SPOCK-40K25B					
SPOCK-40K25W					
SPOCK-40K45B					
SPOCK-40K45W					

\* 1pc LED fixture

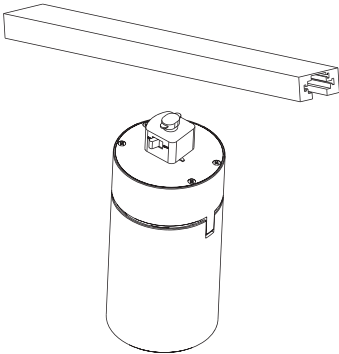
Accent Lighting  
SPOCK

Installation



Accent Lighting  
SPOCK

Installation





Wall-wash Lighting





Wall-wash Lighting  
FLOW

FLOW FROST

FLOW

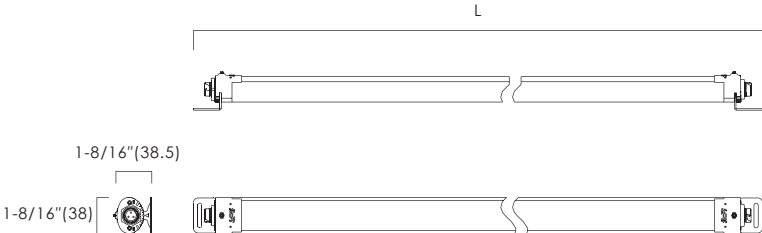
Wall-wash Lighting  
FLOW



- Quick connection
- Linkable, max. linkable length: 100' @120VAC, 200' @277VAC
- Lockable, precision aiming adjustment: ±60° vertical rotation
- Lifetime: 50,000hrs(ta=95°F, 35 °C)
- Ta:-13°F~122°F (-25°C~50°C)
- Material: Aluminum alloy
- IP rating: IP65(for wet location)
- 6.4w/ft,800lm/ft
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: FLOW-1430K

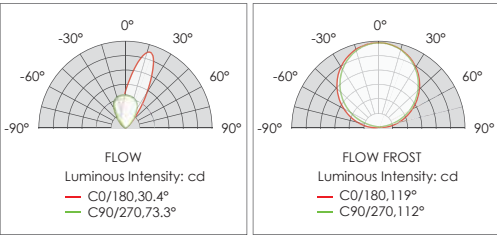
Series	Type	Length	CCT (K)	Beam Angle	Finish	Installation
FLOW	[blank] - Wallwash	14 - 13.7"(348mm)	30K - 3000K	[blank] - 35°(Wall wash) 110°(Frost)	[blank] - Silver	[blank] - Screw mounting
	F - Frost(Rounded milky len)	45 - 44.7"(1135mm)	40K - 4000K			

Specifications



Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
FLOW-1430K	FLOW-L18-277V	120-277	85	6	690
FLOW-1440K					
FLOW-4530K	FLOW-L78-277V	120-277	85	24	3000
FLOW-4540K					
FLOW-F1430K	FLOW FROST-L27-277V	120-277	85	6	672
FLOW-F1440K					
FLOW-F4530K	FLOW FROST-L117-277V	120-277	85	24	2760
FLOW-F4530K					

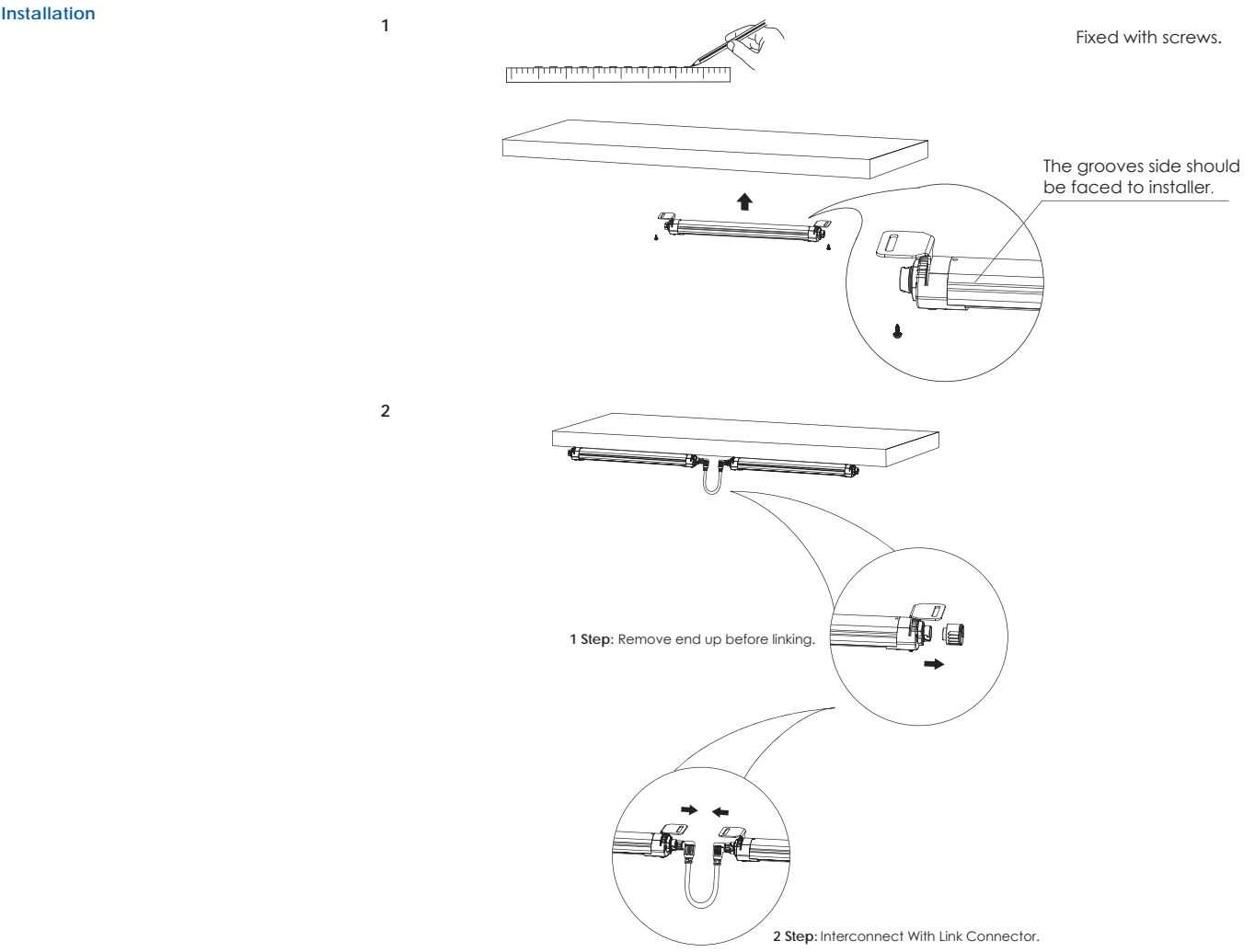
\* 1pc LED fixture, 2pcs Screws,

Photometrics

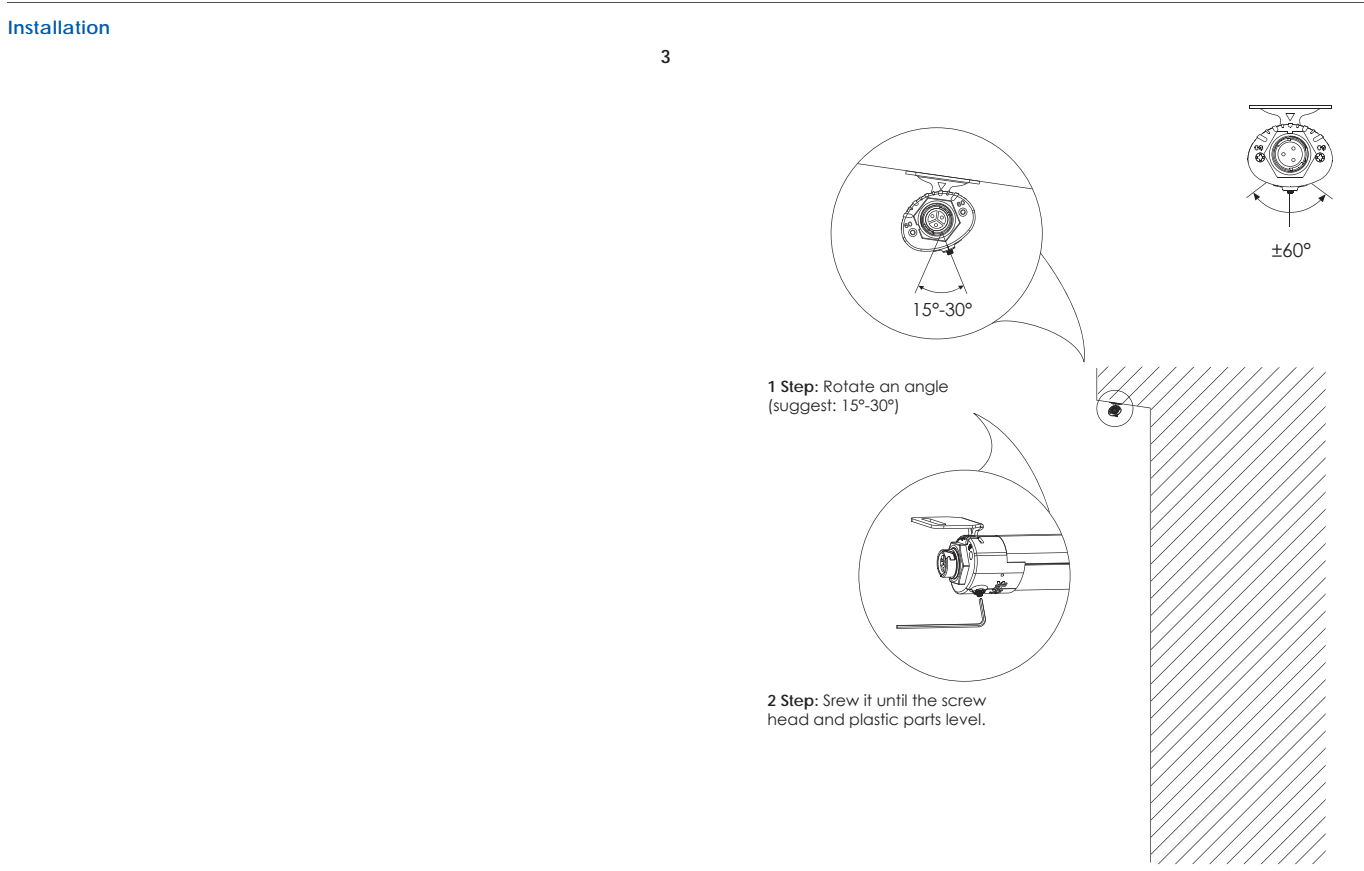


Wall-wash Lighting  
FLOW

Accessories	Catalog No.	Description	Length (inch)
	IC-FLOW-59	 Input cable	59"
	SC-FLOW-4	 Soft connector	6"



Wall-wash Lighting  
FLOW





Cove Lighting



CREST

Cove Lighting  
CREST



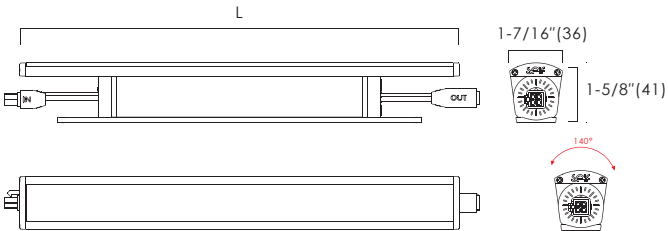
Cove Lighting  
CREST



- Quick connection
- Dimmable, 1-10V dimming to 10%-100%
- Dark spot free at the linking point
- Linkable, max. linkable length: 120' @ 120VAC, 200' @ 277VAC
- Lockable, precision aiming adjustment:  $\pm 70^\circ$  vertical rotation
- Lifetime: 50,000hrs (Ta=95°F, 35°C)
- Ta: -4°F~95°F (-20°C~35°C)
- Material: Aluminum alloy
- 5W/ft, 550lm/ft
- Other color temp available.



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: CREST-1230K110SS

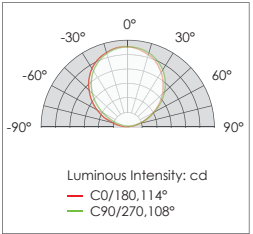
Series	Length	CCT (K)	Beam Angle	Finish	Installation
CREST	12 - 11.8" (300mm)	30K - 3000K	110 - 110°	S - Silver	S - Screw Mounting
	48 - 47.2" (1200mm)	35K - 3500K			
		40K - 4000K			

Specifications

Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
CREST-1230K110SS	CREST-L12-277V	120-277	85	5	550
CREST-1235K110SS					
CREST-1240K110SS					
CREST-4830K110SS	CREST-L48-277V	120-277	85	20	2200
CREST-4835K110SS					
CREST-4840K110SS					

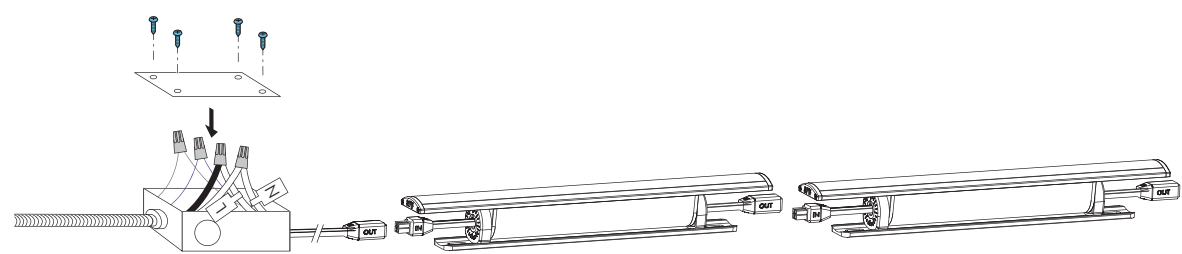
\* Included: 1 pc LED fixture, 2pcs Screws.

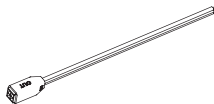

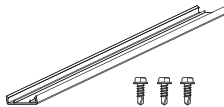
Photometrics



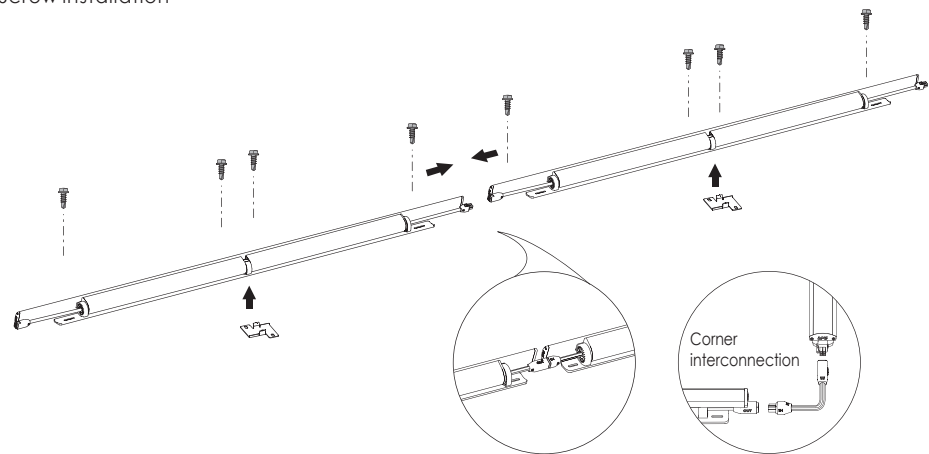
Cove Lighting  
CREST

Wiring Diagram



Accessories	Catalog No.	Description	Length (inch)
	IC-CT-59	 Input cable	59"
Accessories(optional)	Catalog No.	Description	Length (inch)
	SC-CT-12	 Soft connector	12"
	TK-CT-79	 Track including 3pcs screws	79"

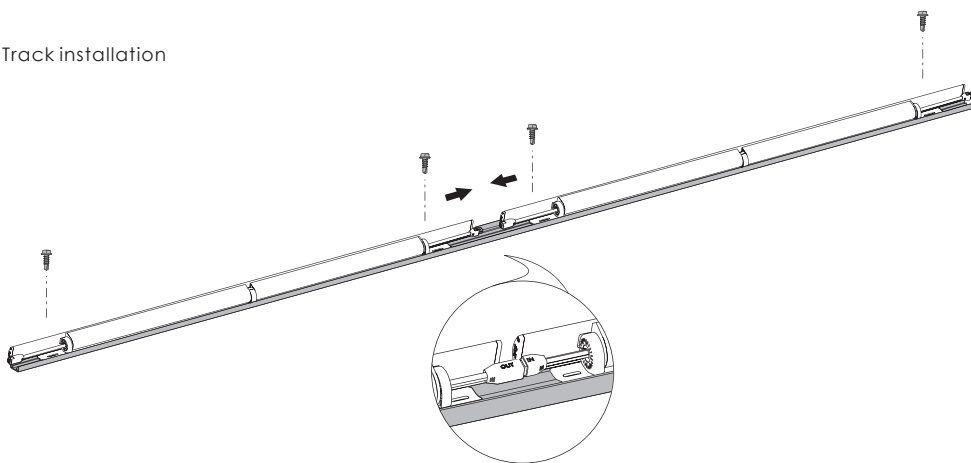
Installation  
Screw installation



Cove Lighting  
CREST

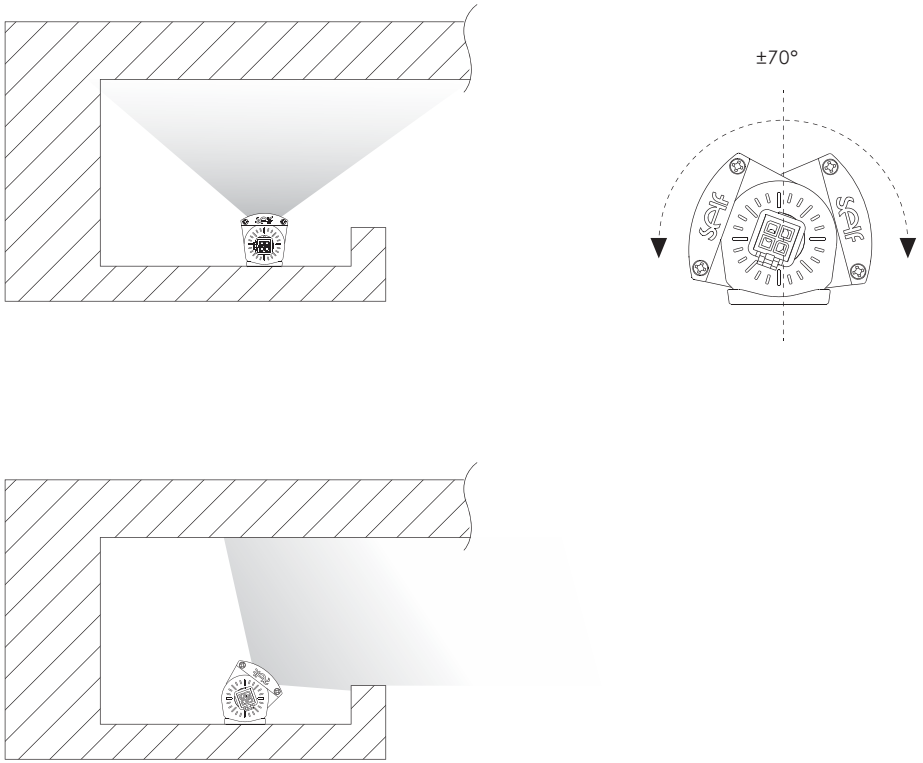
Installation

Track installation



Installation

Application





Outdoor Cove Lighting

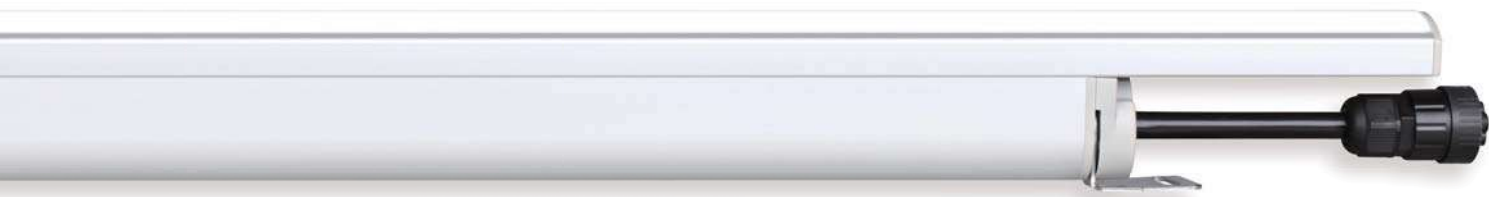


CROWN



CROWN NARROW

Outdoor Cove Lighting  
CROWN



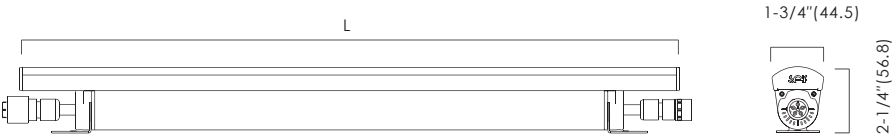
Outdoor Cove Lighting  
CROWN



- Quick connection
- Dimmable, 1-10V dimming to 10%-100%
- Linkable, max. linkable length: 72' @120VAC, 156' @277VAC
- IP rating: IP66 (for wet locations)
- Lockable, precision aiming adjustment: ±85°vertical rotation
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: -13°F~122°F (-25°C ~50°C)
- Material: Aluminum alloy
- 10W/ft, 1050lm/ft
- Other color temp available



Dimensions: (Inches/mm)



How to order using our catalog numbers  
Example: CROWN-1230K110SS

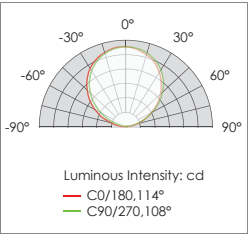
Series	Length	CCT (K)	Beam Angle	Finish	Installation
CROWN	12 - 11.8"(300mm) 47 - 47"(1120mm) 70 - 70"(1778mm)	30K - 3000K 40K - 4000K	110 - 110°	S - Silver	S - Screw Mounting

Specifications

Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
CROWN-1230K110SS	CROWN-L24-277V	120-277	85	10	1050
CROWN-1240K110SS					
CROWN-4730K110SS	CROWN-L90-277V	120-277	85	40	4200
CROWN-4740K110SS					
CROWN-7030K110SS	CROWN-L144-277V	120-277	85	60	6300
CROWN-7040K110SS					

\* Included: 1 pc LED fixture, 2pcs Screws, 1pc End cap.

Photometrics



Outdoor Cove Lighting  
CROWN NARROW



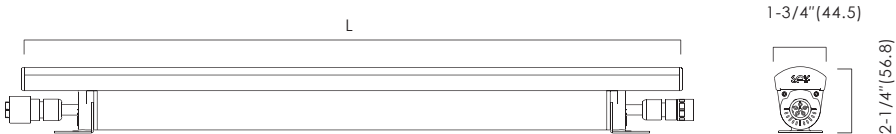
Outdoor Cove Lighting  
CROWN NARROW



- Quick connection
- Narrow beam angle
- Dimmable, 1-10V dimming to 10%-100%
- Linkable, max.linkable length: 72' @120VAC, 156' @277VAC
- IP rating: IP66 (for wet locations)
- Lockable, precision aiming adjustment:
  - ±85°vertical rotation
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: -13°F~122°F (-25°C ~50°C)
- Material: Aluminum alloy
- 10W/ft, 1000lm/ft
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: CROWN NARROW-1230K3060SS

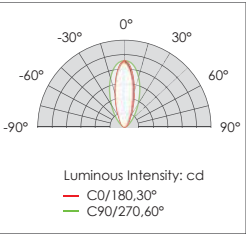
Series	Length	CCT (K)	Beam Angle	Finish	Installation
CROWN NARROW	12 - 11.8" (300mm)	30K - 3000K	3060 - 30°×60°	S - Silver	S - Screw Mounting
	47 - 47" (1200mm)	40K - 4000K			
	70 - 70" (1778mm)				

Specifications

Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
CROWN NARROW-1230K3060SS	CROWN NARROW-L12-277V	120-277	85	10	1000
CROWN NARROW-1240K3060SS					
CROWN NARROW-4730K3060SS	CROWN NARROW-L45-277V	120-277	85	40	4000
CROWN NARROW-4740K3060SS					
CROWN NARROW-7030K3060SS	CROWN NARROW-L72-277V	120-277	85	60	6000
CROWN NARROW-7040K3060SS					

\* 1pc LED fixture, 2pcs Screws, 1pc End cap.

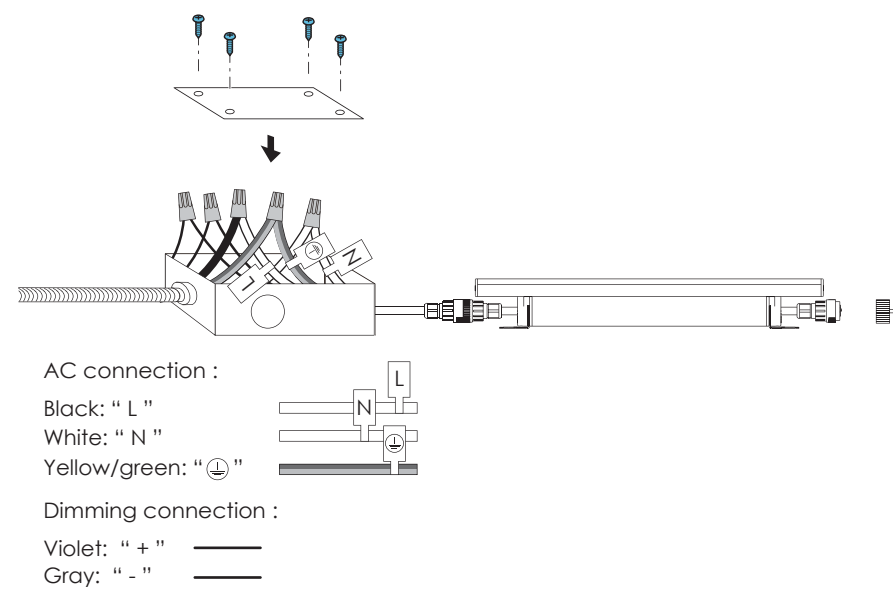
Photometrics

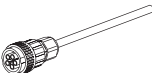





Outdoor Cove Lighting  
CROWN/CROWN NARROW

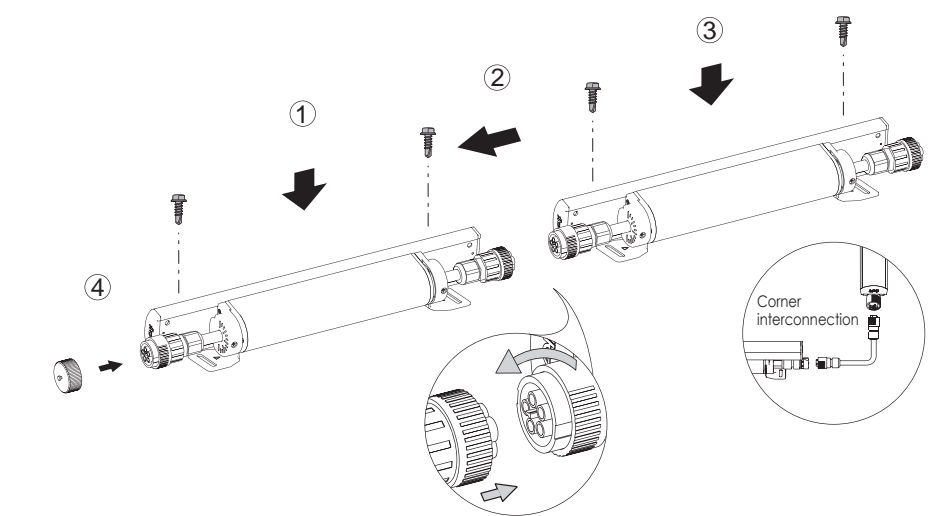
Wiring Diagram



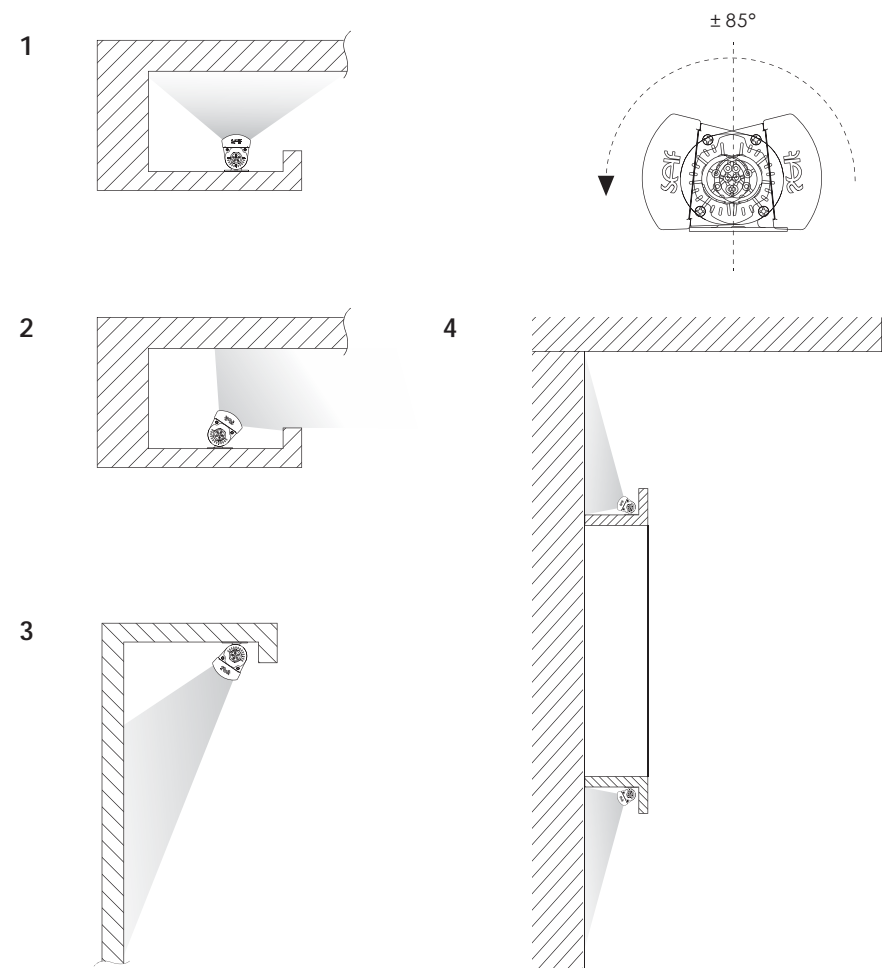
Accessories	Catalog No.	Description	Length (inch)
	IC-CROWN-59	 Input cable	59"
Accessories(optional)	Catalog No.	Description	Length (inch)
	SC-CROWN-12	 Soft connector	12"

Outdoor Cove Lighting  
CROWN/CROWN NARROW

Installation



Application



Flexible Strip Lighting



RIBBON2



FLEX2

Flexible Strip Lighting  
RIBBON2



Flexible Strip Lighting  
RIBBON2

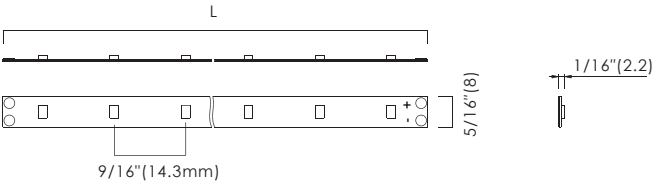


- Plug & play (External power supply)
- Customized design length
- Flexible and compact design
- Bright and constant illuminance for display area
- Linkable, max. linkable length: 16'
- Lifetime: 50,000hrs (Ta=77°F, 25°C)
- Ta: -4°F~77°F (-20°C~25°C)
- 4W/ft, 500 lm/ft (@4000K)
- Other color temp available



Dimensions: (Inches/mm)

Minimum Cuttable Length: 3.94"(100mm)



How to order using our catalog numbers  
Example: RIBBON2-19730K

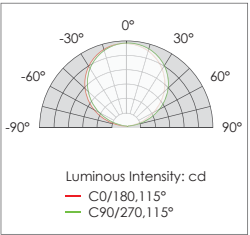
Series	Length	CCT (K)	Beam Angle	Finish	Installation
RIBBON2	197 - 196.9"(5001.5mm)	30K - 3000K 40K - 4000K	[blank] - 120°	[blank] - White	[blank] - Adhesive Tape

Specifications

Catalog No.	Model	Rated Input (VDC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm	75W (NA159-7524LA-6V6)
RIBBON2-19730K RIBBON2-19740K	RIBBON2-F350-24V	24	85	65	8000	1pc <sup>[1]</sup>

\* included: 1pc LED fixture with double-sided adhesive tape.  
[1]: Max. pcs Per UL Listed LED Power Supply.

Photometrics





Flexible Strip Lighting  
FLEX2



Flexible Strip Lighting  
FLEX2

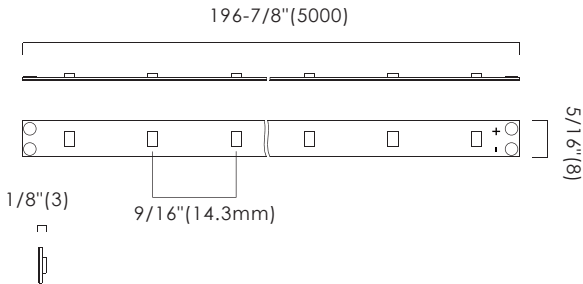


- Plug & play (External power supply)
- Customized design length
- Flexible and compact design
- Low profile needs less hardware
- Linkable, max. linkable length: 16'
- Lifetime: 50,000hrs (Ta=95°F, 35°C)
- Ta: -4°F~95°F (-20°C~35°C)
- 1W/ft, 135lm/ft (@4000K)
- Other color temp available



Dimensions: (Inches/mm)

Minimum Cuttable Length: 3.94" (100mm)



How to order using our catalog numbers  
Example: FLEX2-19730K1

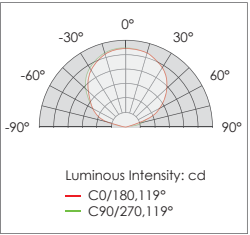
Series	Length	CCT (K)	Power	Finish	Installation
FLEX2	197 - 196.9" (5001.5mm)	30K - 3000K 40K - 4000K	[blank] - 3W/ft 1 - 1W/ft	[blank] - White	[blank] - Adhesive Tape

Specifications

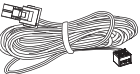
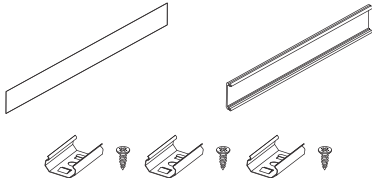
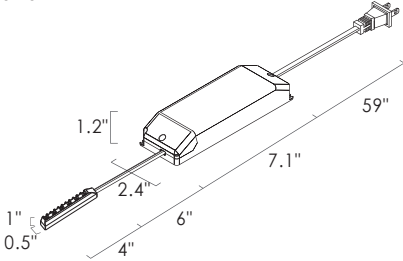
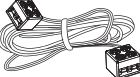
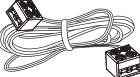

Catalog No.	Model	Rated Input (VDC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm	75W (NA159-7524LA-6V6)
FLEX2-19730K1	FLEX2-F350-24V-2	24	85	18	2430	3pc <sup>(1)</sup>
FLEX2-19740K1						

\* Included: 1 pc LED fixture with double-sided adhesive tape.  
[1]: Max. pcs Per UL Listed LED Power Supply.

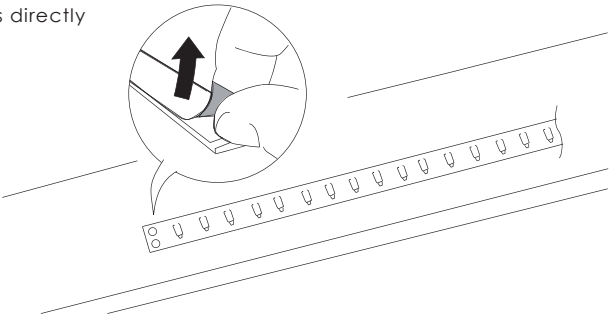
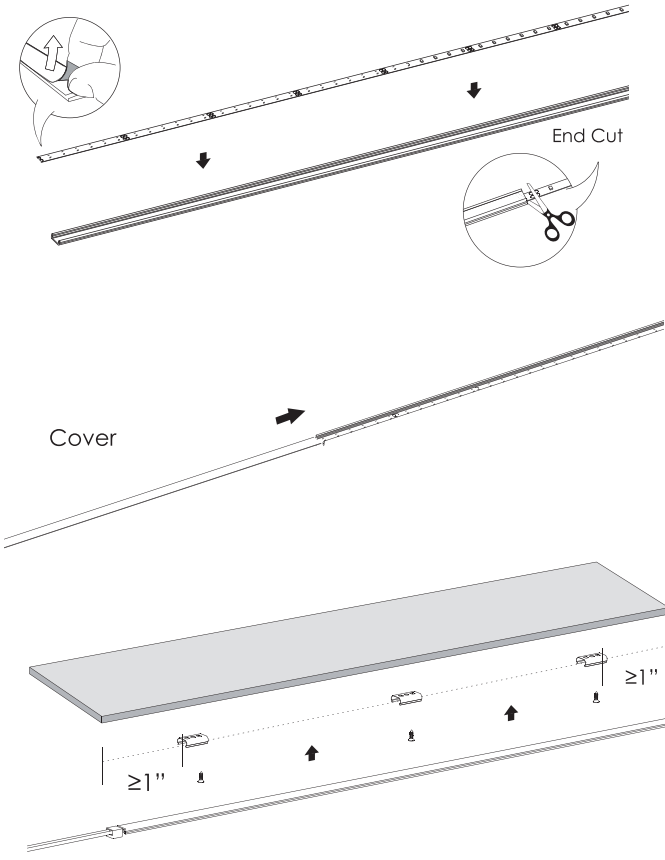
Photometrics



Flexible Strip Lighting  
RIBBON2/FLEX2

Accessories	Catalog No.	Description	Length (inch)
	IC-RB-59	 Input cable (must be between the light and splitter)	59"
	MCN-RB-69	 Mounting channel with cover	69"
	NA159-7524LA-6V6	  Model: SLT75-24VL-2A Matching driver, max. 75W. Input: 100-120VAC NA plug 1 + 59" cable. Output: 24VDC 6-way splitter JB-6-4 + 6" cable.	
Accessories(optional)	Catalog No.	Description	Length (mm)
	SC-RB-2	 Soft connector	2"
	SC-RB-12	 Soft connector	12"
	HC-RB	 Hard connector	-

Flexible Strip Lighting  
RIBBON2/FLEX2

Installation	Install LED fixtures directly	
	Install LED fixtures MCN-RB-69	



Vertical Freezer Lighting







FRIO4

Vertical Freezer Lighting

FRIO4



Vertical Freezer Lighting

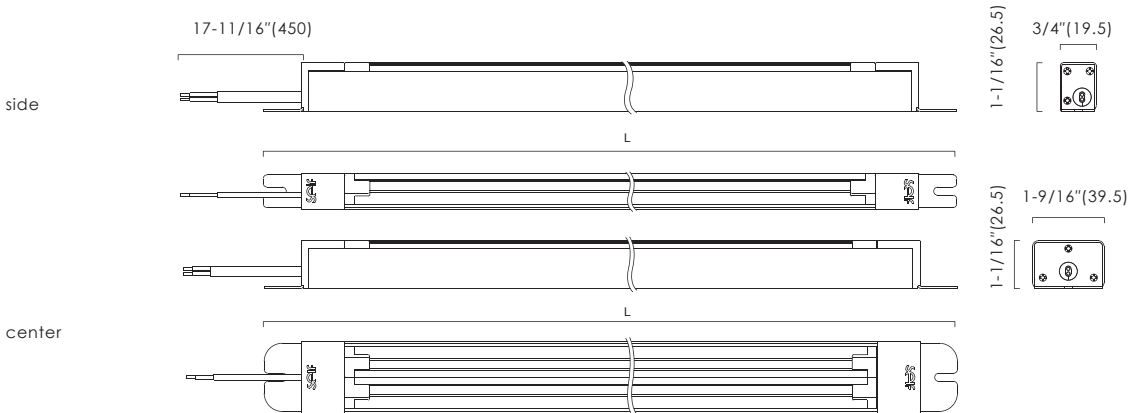
FRIO4



- Anti-glare design
- Delicate and elegant appearance
- Dimmable with PWM controller for additional energy savings
- Works with occupancy sensor SHE-B-96
- Bright and consistent illuminance for display area
- Less heat radiation, more energy saving
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- IP rating: IP65 (for damp locations)
- Ta: -13°F~95°F (-25°C~35°C)
- Material: Aluminum alloy
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: FRIO4-L4740KSS18

Series	Side	Length	CCT (K)	Finish	Installation	Cable Length
FRIO4	L - Left	47 - 46.06"(1170mm)	40K - 4000K 50K - 5000K	S - Silver	S - Screw Mounting	18 - 18"(457mm)
	C - Center	57 - 56.7"(1440mm)				
	R - Right	69- 67.32"(1710mm)				

Specifications

Catalog No.	Model	Rated Input (VDC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm	96W (9-9624DL-26)
FRIO4-L4740KSS18	FRIO4-L48-24V	24	85	6.4	576	1pc
FRIO4-L4750KSS18						+
FRIO4-C4740KSS18	FRIO4-L96-24V	24	85	12.8	1152	5pcs Center
FRIO4-C4750KSS18						+
FRIO4-R4740KSS18	FRIO4-L48-24V-1	24	85	6.4	576	1pc
FRIO4-R4750KSS18						

Vertical Freezer Lighting

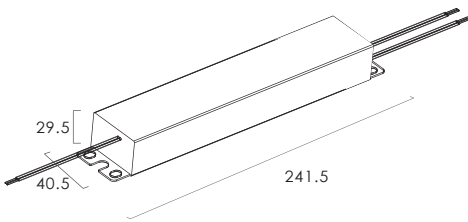
FRIO4

Specifications

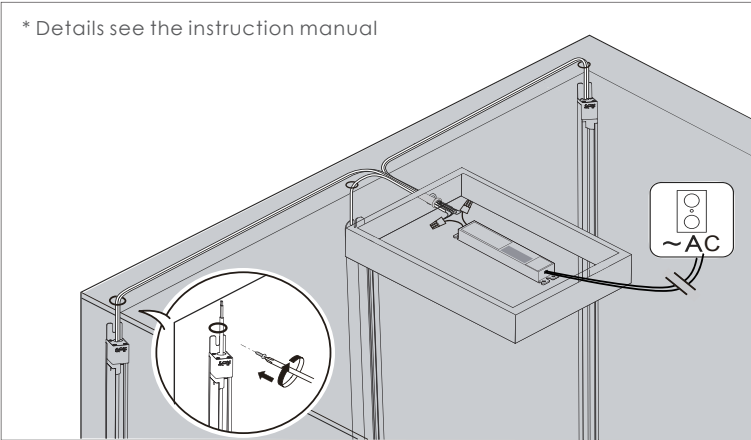
Catalog No.	Model	Rated Input (VDC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm	96W (9-9624DL-26)
FRIO4-L5740KSS18	FRIO4-L60-24V	24	85	8	720	1pcs Left
FRIO4-L5750KSS18						+
FRIO4-C5740KSS18	FRIO4-L120-24V	24	85	16	1440	4pcs Center
FRIO4-C5750KSS18						+
FRIO4-R5740KSS18	FRIO4-L60-24V-1	24	85	8	720	1pcs Right
FRIO4-R5750KSS18						
FRIO4-L6940KSS18	FRIO4-L72-24V	24	85	9.6	864	1pcs Left
FRIO4-L6950KSS18						+
FRIO4-C6940KSS18	FRIO4-L144-24V	24	85	19.2	1728	3pcs Center
FRIO4-C6950KSS18						+
FRIO4-R6940KSS18	FRIO4-L72-24V-1	24	85	9.6	864	1pcs Right
FRIO4-R6950KSS18						

\* 1pc LED fixture, 2pcs Screws, 2pcs Wire nuts.  
[1]: Max. Length Per UL Listed LED Power Supply.

Accessories

Catalog No.	Description	Length (mm)	N.W. (g)
17-9624DL-26	 Model: SLD96-24VC-UN1 Matching 1-10V dimmable driver, max. 96W. Input: 120-277VAC 17" hard wire. Output: 24VDC 26" hard wire.		

Installation



Vertical Freezer Lighting

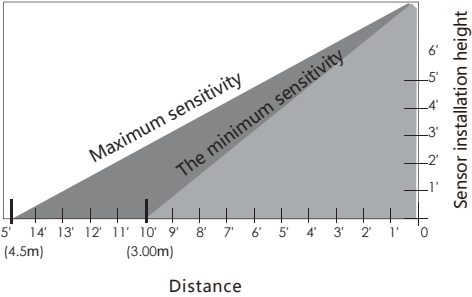
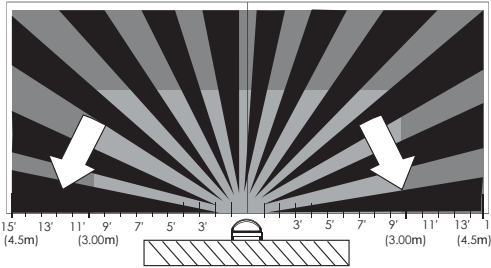
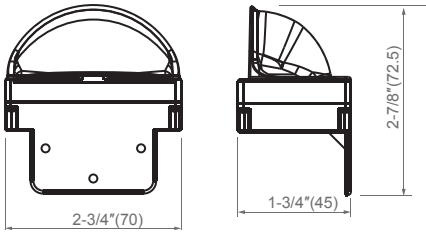
PIR Sensor optional for FRIO6



- Human-body detection sensor
- Brightness adjustable
- Time delay selectable
- 180 degree horizontal coverage pattern
- Coverage pattern adjustable up to 15 feet
- DIP switch simplifies sensor adjustments
- Works only with 1-10V dimming LED driver (17-9624DL-26)
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: 32°F~95°F(0°C~35°C)
- Material: PC



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: SHE-B-96-W

Series	Side
SHE-B-96	B - Black W - White

Specifications

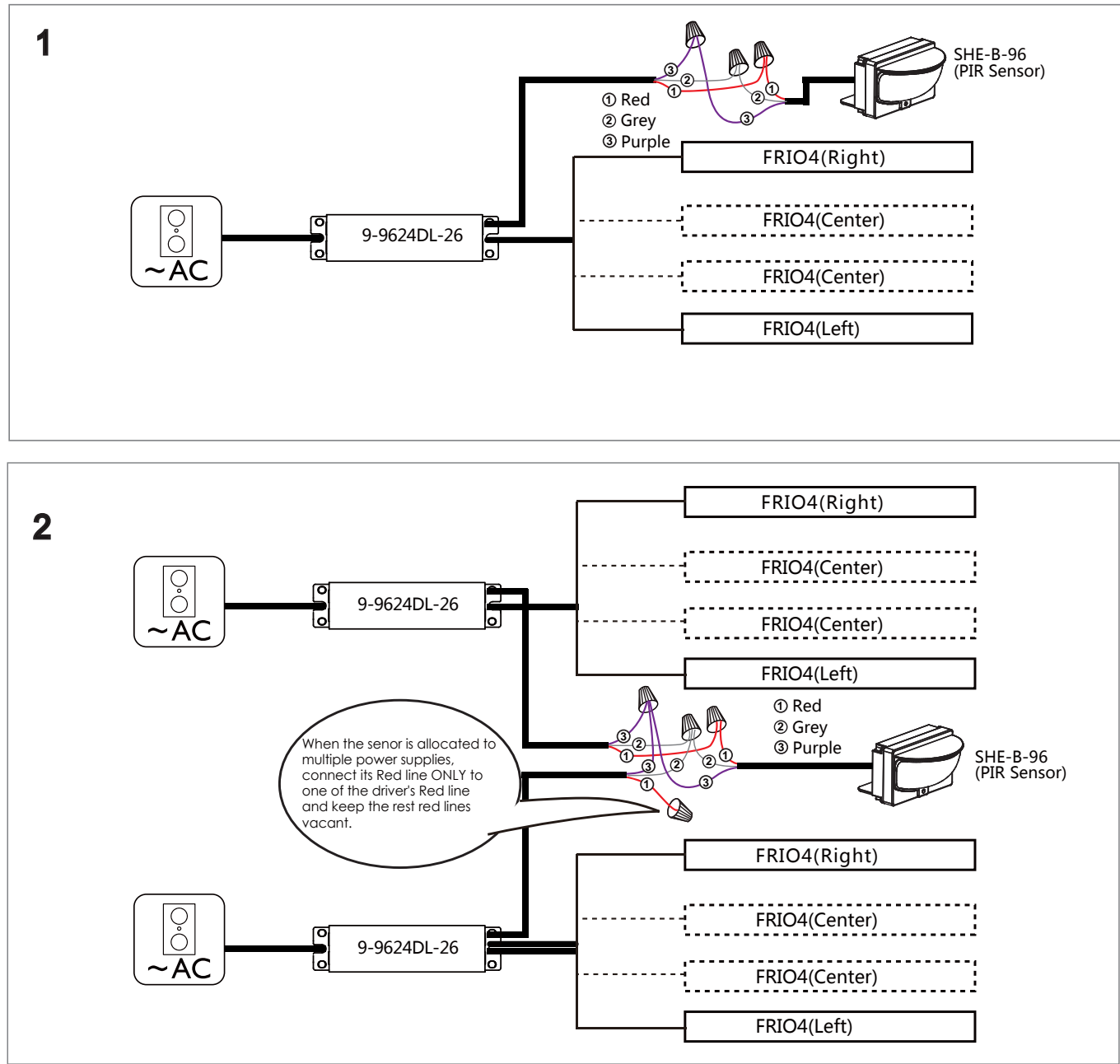
Model	Rated Input (VDC)	Max. Detection Range(m)	Max. Detection Angle	Delay Time(min)	Brightness
SHE-B-96	12/24	≥4.5、≥3 (2 options)	≥180°	0.5、1、2、8 (4 options)	0、10%、20%、50% (4 options)

\* 1pc sensor, 3pcs Screws, 1pc Double-sided adhesive tape, 1pc White input cable 8.2'.



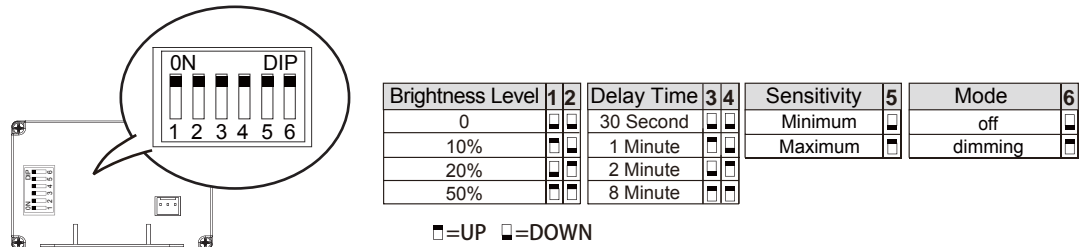
Vertical Freezer Lighting  
PIR Sensor optional for FRIO4

Wiring Diagram



Vertical Freezer Lighting  
PIR Sensor optional for FRIO4

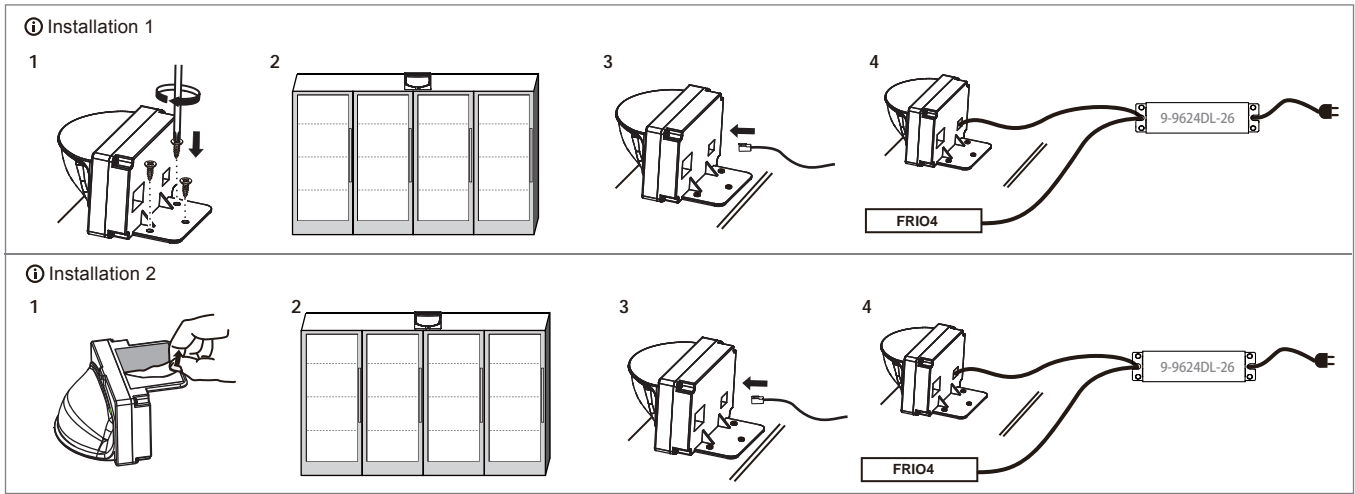
Function Description



1. Upon initial plug in, the fixture will turn on at 100% brightness for 90 seconds. The sensor starts working after 90 seconds.
2. The light will be at 100% brightness level once the sensor catches the signal. When the sensor no longer receives any signal, after the 1st delay time, the light will change to the preset brightness level.
3. When the sensor no longer receives any signal, after the 2nd delay time, the light will turn off completely.

Note: When choosing "off" mode, system will follow step 1, 2 and 3.  
When choosing "dimming" mode, system will follow step 1 and 2.  
The brightness level, delay time, etc. are preset according to the form.

Installation



Walk-in Cooler Lighting



TINA  
Details see page49-54



Canopy Lighting



FORGE



Canopy Lighting  
FORGE



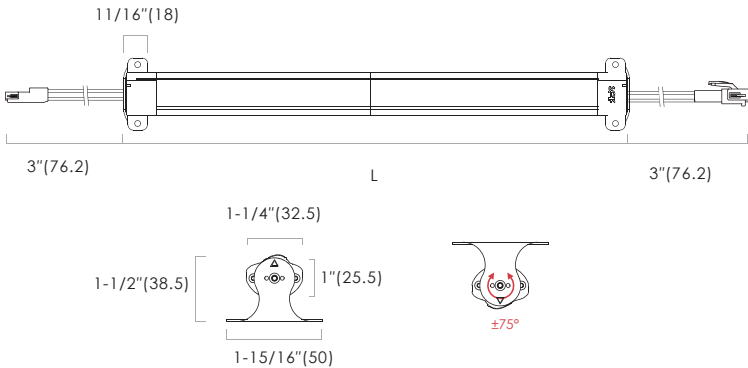
Canopy Lighting  
FORGE



- Anti-glare design
- Delicate and elegant appearance
- Linkable, max. linkable length: 12' per run
- Bright and consistent illuminance for display area
- Less heat radiation, more energy saving
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- IP rating: IP65 (for wet locations)
- Ta: -13°F~122°F (-25°C~50°C)
- Material: Aluminum alloy
- 7W/ft, 700lm/ft
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: FORGE-3530KSS

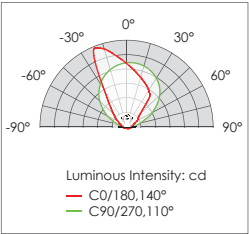
Series	Length	CCT (K)	Finish	Installation
FORGE	35 - 34.5" (876mm) 47 - 46.6" (1181mm)	30K - 3000K 40K - 4000K	S - Silver	S - Screw Mounting

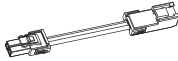
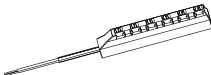
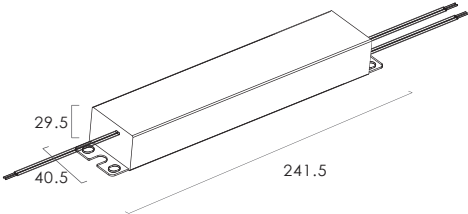
Specifications

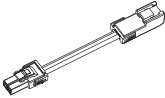
Catalog No.	Model	Rated Input (VDC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm	96W (17-9624DL-26)
FORGE-3530KSS	FORGE-L126-24V	24	85	21	2100	3pcs <sup>[1]</sup>
FORGE-3540KSS						
FORGE-4730KSS	FORGE-L168-24V	24	85	28	2800	3pcs <sup>[1]</sup>
FORGE-4740KSS						

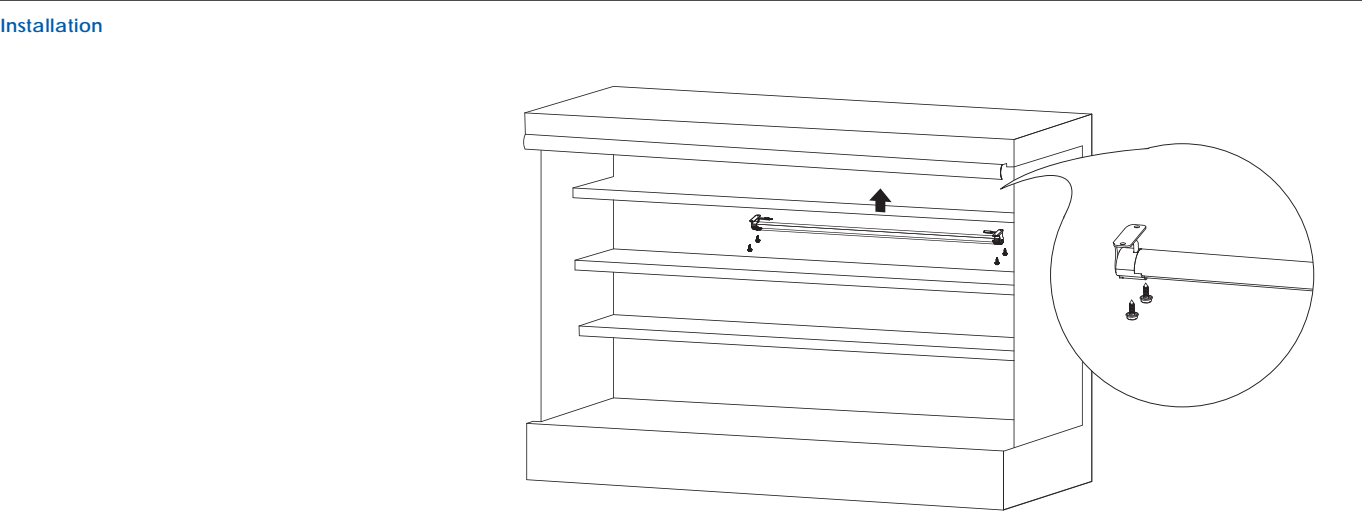
\* 1 pc LED fixture, 4 pcs Screws.  
[1]: Max.Pcs Per UL LED Power Supply. Not to exceed 12' per run.

Photometrics



Accessories	Catalog No.	Description	Length (inch)
	EC-CV-59	 Input cable	59"
	JB-6-8T	 6-way splitter, JB-6-4 input cable 8", end tinned	8"
	17-9624DL-26	  Model: SLD96-24VC-UN1 Matching 1-10V dimmable driver, max. 96W. Input: 120-277VAC 17" hard wire. Output: 24VDC 26" hard wire.	

Accessories (optional)	Catalog No.	Description	Length (mm)	N.W. (g)
	EC-CV-12	 Soft connector	12"	-





Shelf Lighting



FROZEN



Shelf Lighting

FROZEN



Shelf Lighting

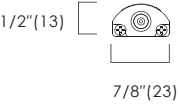
FROZEN



- Wide beam angle
- Linkable, max. linkable length: 16' per run
- Smooth continuous lighting
- Ra>90, R9>50 (@3000K,4000K)
- Tool-less slide-in structure for easy installation
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta:-13°F~140°F (-25°C~60°C)
- IP rating: IP65 (for wet locations)
- Material: Aluminum alloy
- 2.5W/ft, 250lm/ft(@4000K)
- Other color temp available



Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: FROZEN-1130K110SC0

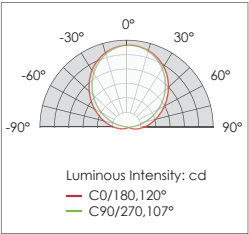
Series	Length	CCT (K)	Beam Angle	Finish	Installation
FROZEN	11 - 10.8"(275mm) 34 - 33.5"(850mm) 46 - 45.5"(1156mm)	30K - 3000K 40K - 4000K	110 -110°	S - Silver	C0 - Clip Mounting 0°

Specifications

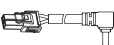
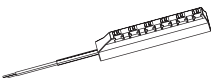
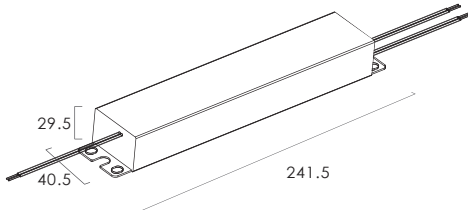
Catalog No.	Model	Rated Input (VDC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm	96W (17-9624DL-26)
FROZEN-1130K110SC0 FROZEN-1140K110SC0	FROZEN-L30-24V	24	85	2.5	250	33pcs <sup>[1]</sup>
FROZEN-3430K110SC0 FROZEN-3440K110SC0	FROZEN-L108-24V	24	85	7.5	750	11pcs <sup>[1]</sup>
FROZEN-4630K110SC0 FROZEN-4640K110SC0	FROZEN-L144-24V	24	85	10	1000	9pcs <sup>[1]</sup>





\* 1pc LED fixture, 2 pcs Mounting clips, 2 pcs Screws.  
[1]: Max.Pcs Per UL LED Power Supply. Not to exceed 16' per run. When interconnected ,must use SC-FOZ-12 or HC-FOZ

Photometrics

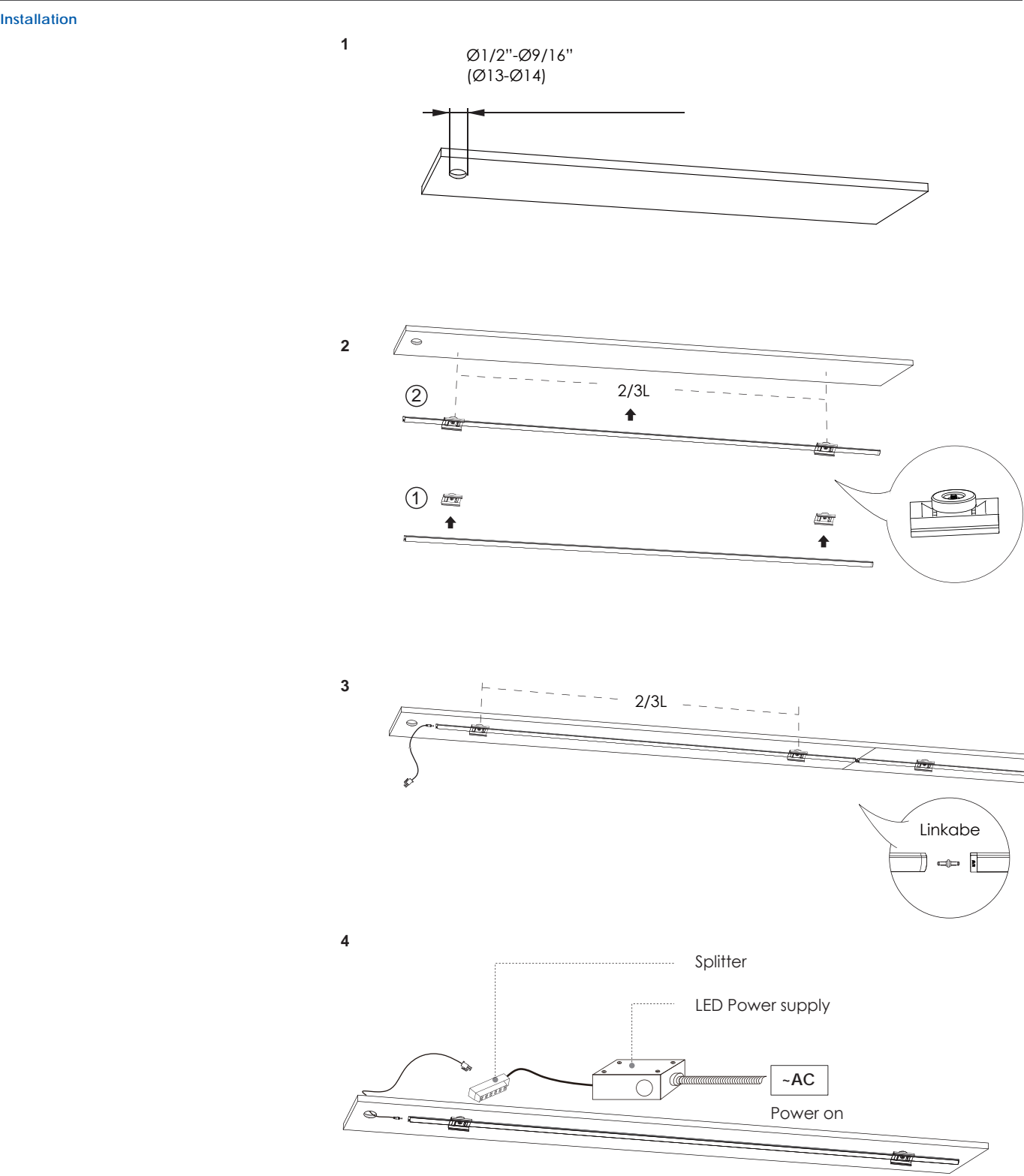


Shelf Lighting  
FROZEN

Accessories	Catalog No.	Description	Length (mm)	N.W. (g)
	IC-FOZ-108	 Input cable (Must be between the light and splitter) x 1	59"	-
	JB-6-8T	 6-way splitter, JB-6-4 input cable 8", end tinned	8"	
	17-9624DL-26	  Model: SLD96-24VC-UN1 Matching 1-10V dimmable driver, max. 96W. Input: 120-277VAC 17" hard wire. Output: 24VDC 26" hard wire.		

Accessories (optional)	Catalog No.	Description	Length (inch)
	MC-LC (included)	 Mounting clips	-
	MMC-LC	 Magnetic mounting clips	-
	SC-FOZ-12	 Soft connector	12"
	HC-FOZ	 Hard connector	
Note: When interconnected ,must use SC-FOZ-12 or HC-FOZ			

Shelf Lighting  
FROZEN



UL Listed LED Power Supply



SLT40-24VL-UN-A



SLT75-24VL-2A



SLD96-24VC-UN1-A



SLD96-24VC-UN1



UL Listed LED Power Supply  
CV Version



**Features**

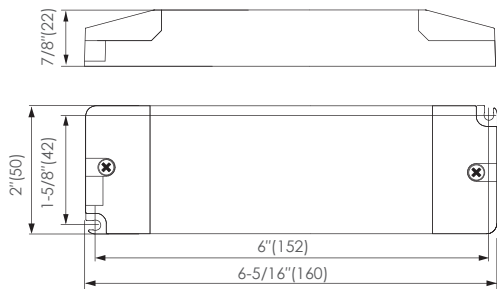
- UL Listed power supply for constant voltage LED lamp
- Open circuit, short circuit, over load and over temperature protection
- Auto restart after fault conditions removal
- UL8750 Class 2 output
- No load power consumption <0.3W

**Standards**

UL8750  
UL1310  
FCC15B

**PATENT**

Dimensions: (inches/mm)



Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	$\lambda$	$t_a$	L x W x H	Approval
SLT40-24VL-UN-A	DC24V	0-40W	0.95	-4-122 °F (-20-50 °C)	6-5/16"x2"x7/8" (160x50x22mm)	

Listed driver configuration



Input Plug	Input Cable Length	Model No.	Splitter	Output Cable Length
NA1 - NA1	59 - 59"	4024LA-SLT40-24VL-UN-A	4A - JB-4A 12A - JB-12A 6V - JB-6-3	6- 6"

Example:NA159-4024LA-12A6

UL Listed LED Power Supply  
CV Version



**Features**

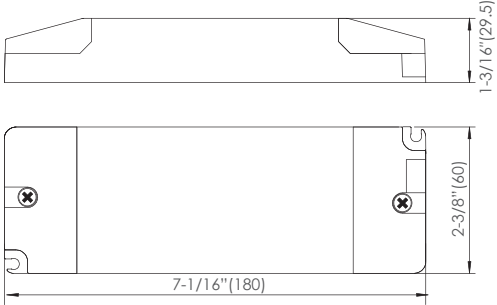
- UL Listed power supply for constant voltage LED lamp
- Open circuit, short circuit, over load and over temperature protection
- Auto restart after fault conditions removal
- UL8750 Class 2 output
- No load power consumption <0.6W
- Efficiency ≥85% (AC120V, full load)

**Standards**

UL8750  
UL1310  
FCC15B

**PATENT**

Dimensions: (inches/mm)



Characteristics

Rated input voltage: AC100-120V 50/60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	$\lambda$	$t_a$	L x W x H	Approval
SLT75-24VL-2A	DC24V	0-75W	0.95	-4-113°F (-20-45°C)	7-1/16"x2-3/8"x1-3/16" (180x60x30mm)	

Listed driver configuration



Input Plug	Input Cable Length	Model No.	Splitter	Output Cable Length
NA1 - NA1	59 - 59"	7524LA - SLT75-24VL-2A	4A - JB-4A 12A - JB-12A 6V - JB-6-3	6- 6"

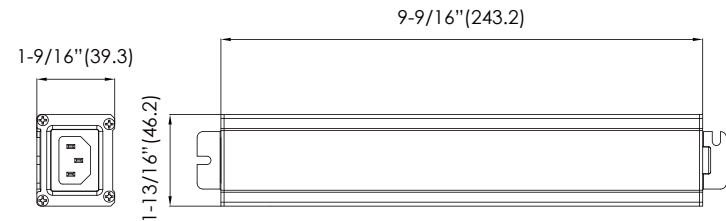
Example:NA159-7524LA-12A6

UL Listed LED Power Supply  
CV Version



- Features
- Universal input voltage (AC120-250V)
  - UL Listed power supply for constant voltage LED lamp
  - Metal housing
  - 10%-100% dimming range by 1-10V dimmer
  - UL 8750 Class 2 output
  - Open circuit, short circuit, over load and over temperature protection
  - Auto restart after fault conditions removal
  - No load power consumption ≤0.5W
  - THD <20% (load between 7~96W) @120VAC
  - Efficiency ≥85% (AC120V, full load)
- Standards
- UL8750  
UL1310  
FCC15B
- PATENT
- UL  
LISTED

Dimensions: (inches/mm)

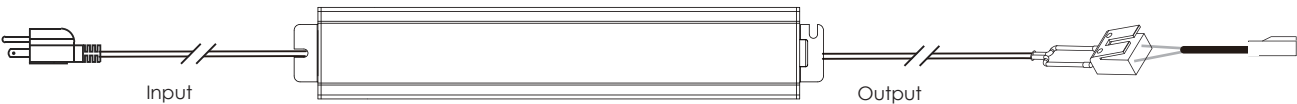


Characteristics

Rated input voltage: AC120-250V 50/60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	λ	ta	L x W x H	Approval
SLD96-24VC-UN1-A	DC24V	0-96W	0.95	-4-77°F (-20-25°C)	9-9/16"x1-13/16"x1-9/16" (243.2x46.2x39.3mm)	

Listed driver configuration



Input Plug	Input Cable Length	Model No.	Connector	Connector Cable Length	Splitter	Output Cable Length
NA3 - NA3	83 - 83"	9624DLA - SLD96-24VC-UN1-A	DG - DG238 DEGSON	6- 6"	4A - JB-4A 12A - JB-12A 6V - JB-6-3 08S - P008-2P socket	6- 6"

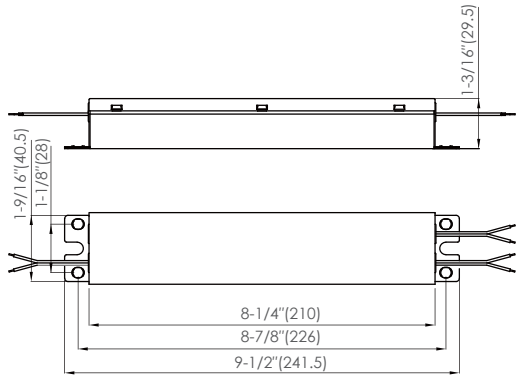
Example:NA383-9624DLA-DG6-12A6

UL Recognized LED Power Supply  
CV Version



- Features
- Universal input voltage (AC120-277V)
  - Metal housing
  - 10%-100% dimming range by 1-10V dimmer
  - UL 8750 class 2 output
  - Open circuit, short circuit, over load and over temperature protection
  - Auto restart after fault conditions removal
  - No load power consumption <0.5W
  - THD<20% (load between 7~96W) @120VAC
  - Efficiency ≥85% (AC120V, full load)
- Standards
- UL8750  
UL1310  
FCC15B
- PATENT
- UL  
RECOGNIZED

Dimensions: (inches/mm)



Characteristics

Rated input voltage: AC120-277V 50/60Hz (power factor measured at AC120V and full load)

Catalog No.	Model No.	Constant output voltage	Load	λ	ta	tc	L x W x H	Approval
17-9624DL-26	SLD96-24VC-UN1	DC24V	0-96W	0.95	-4-113°F (-20-45°C)	185°F (85°C)	9-1/2"x1-9/16"x1-3/16" (241.5x40.5x29.5mm)	



Occupancy Sensor



SHE-B-96



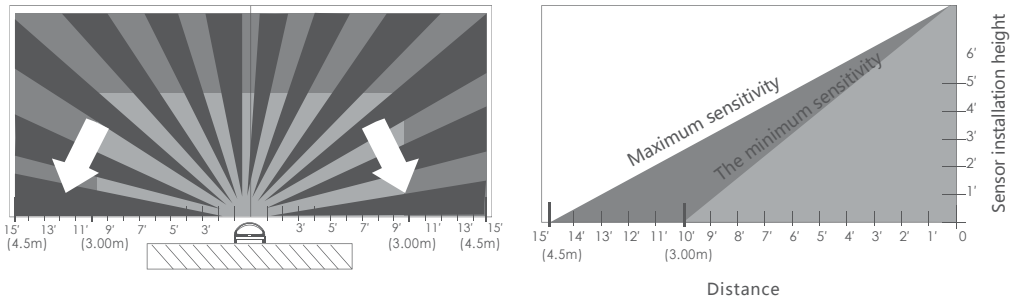
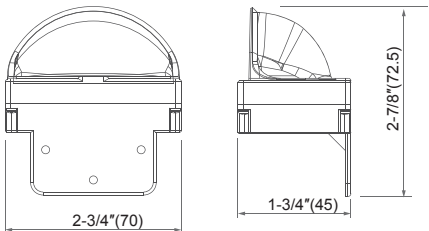
SHA-B-277V

Occupancy Sensor  
SHE-B-96



- Human-body detection sensor
- Brightness adjustable
- Time delay selectable
- 180 degree horizontal coverage pattern
- Coverage pattern adjustable up to 15 feet
- DIP switch simplifies sensor adjustments
- Works only with 1-10V dimming LED driver (17-9624DL-26)
- Lifetime: 50,000hrs (ta=95°F, 35°C)
- Ta: 32°F~95°F(0°C~35°C)
- Material: PC

Dimensions: (inches/mm)



How to order using our catalog numbers  
Example: SHE-B-96-W

Series	Side
SHE-B-96	B - Black W - White

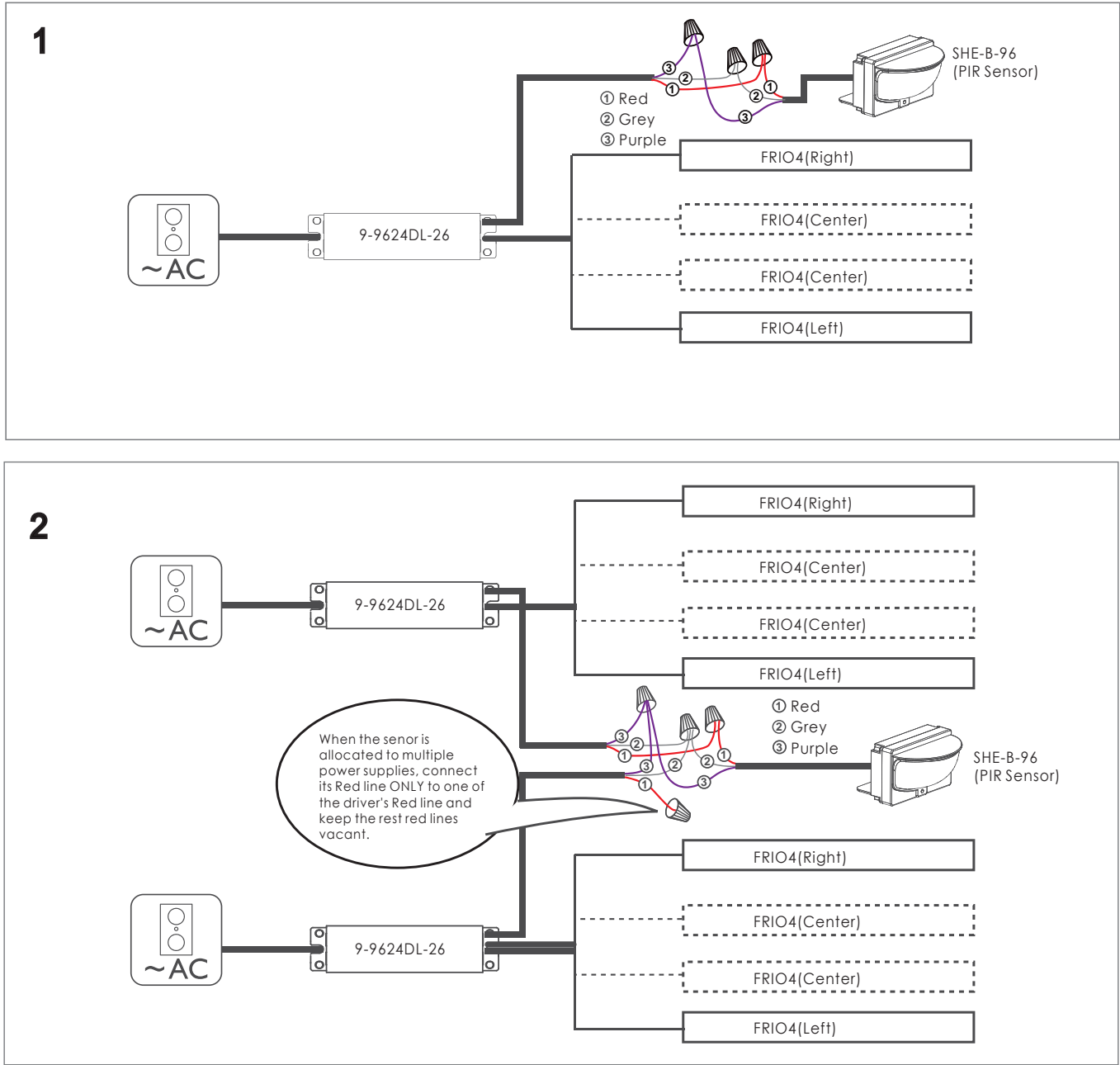
Specifications

Model	Rated Input (VDC)	Max. Detection Range(m)	Max. Detection Angle	Delay Time(min)	Brightness
SHE-B-96	12/24	≥4.5、≥3 ( 2 options)	≥180°	0.5、1、2、8 (4 options)	0、10%、20%、50% ( 4 options)

\* 1pc sensor, 3pcs Screws, 1pc Double-sided adhesive tape, 1pc White input cable 8.2'.

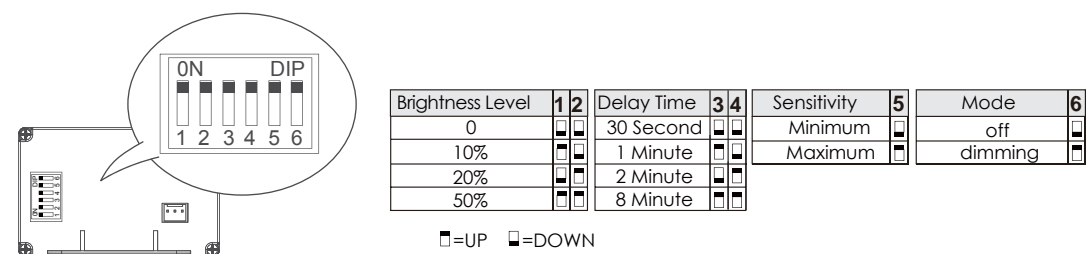
Occupancy Sensor  
SHE-B-96

Wiring Diagram



Occupancy Sensor  
SHE-B-96

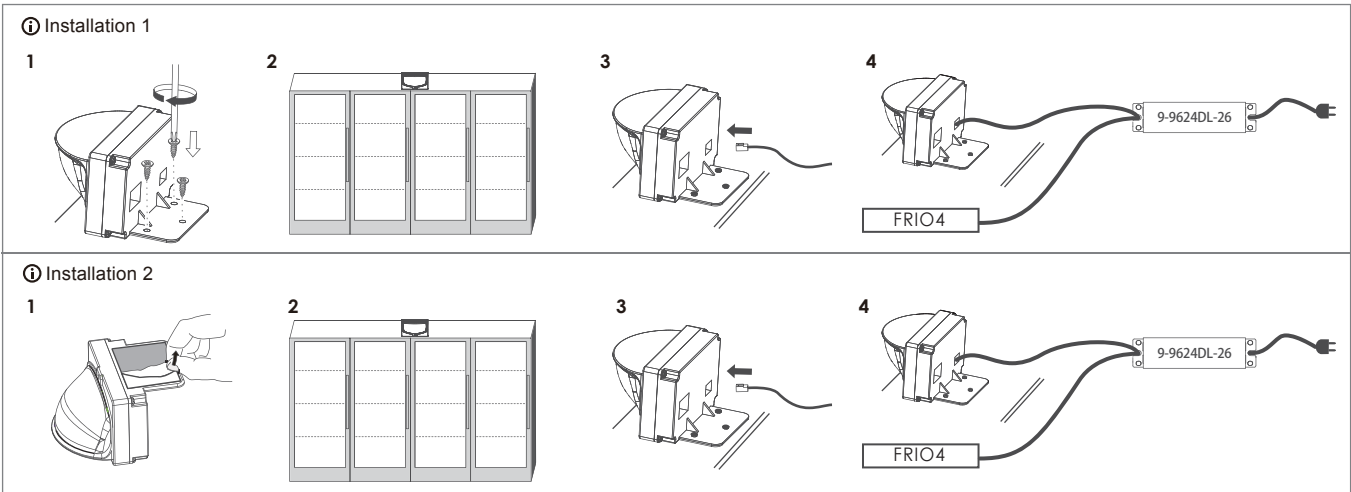
Function Description



1. Upon initial plug in, the fixture will turn on at 100% brightness for 90 seconds. The sensor starts working after 90 seconds.
2. The light will be at 100% brightness level once the sensor catches the signal. When the sensor no longer receives any signal, after the 1st delay time, the light will change to the preset brightness level.
3. When the sensor no longer receives any signal, after the 2nd delay time, the light will turn off completely.

Note: When choosing "off" mode, system will follow step 1,2 and 3.  
When choosing "dimming" mode, system will follow step 1 and 2.  
The brightness level, delay time,etc. are preset according to the form.

Installation

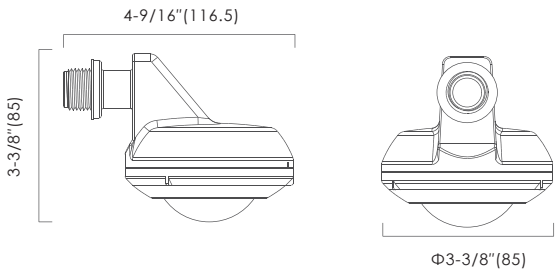


Occupancy Sensor  
SHA-B-277V

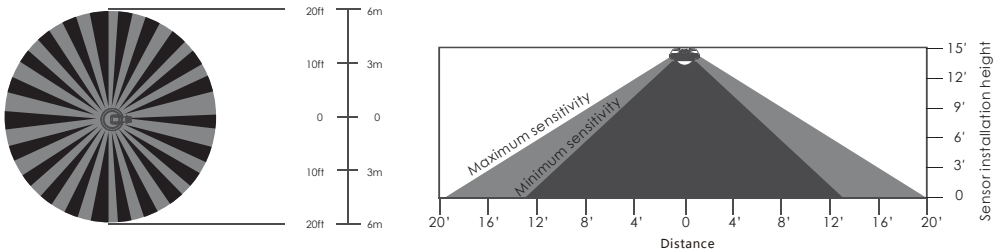


- Human-body detection sensor
- Brightness adjustable
- Time delay selectable
- Coverage pattern adjustable up to 20 feet
- DIP switch simplifies sensor adjustments
- IP rating: IP65 (for wet locations)
- Lifetime: 50,000hrs (Ta=95°F, 35°C)
- Ta: 32°F~95°F(0°C~35°C)
- Material: PC
- Works with PATH and TINA

Dimensions: (inches/mm)



Highlight



How to order using our catalog numbers  
Example: SHA-B-277V-W

Series	Finish
SHA-B-277V	W - White

Specifications

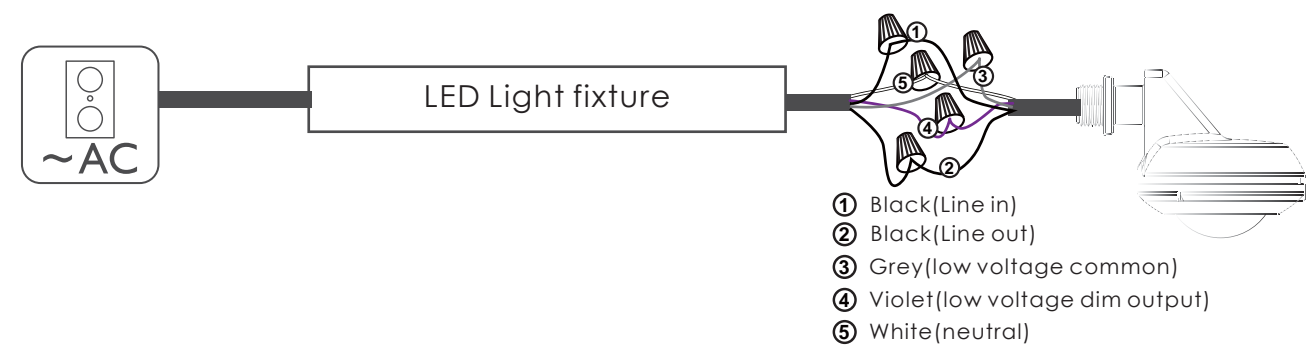
Model	Rated Input (VAC)	Max. Detection Range(ft)	Daylight Sensor Set Point Levels	Delay Time(min)	Brightness
SHA-B-277V	120-277VAC	≥20*, ≥13 (2 options)	High, Mid, Low, disable (4 options)	4, 8*, 16, 30 (4 options)	10%*, 50% (2 options)

\* default setting

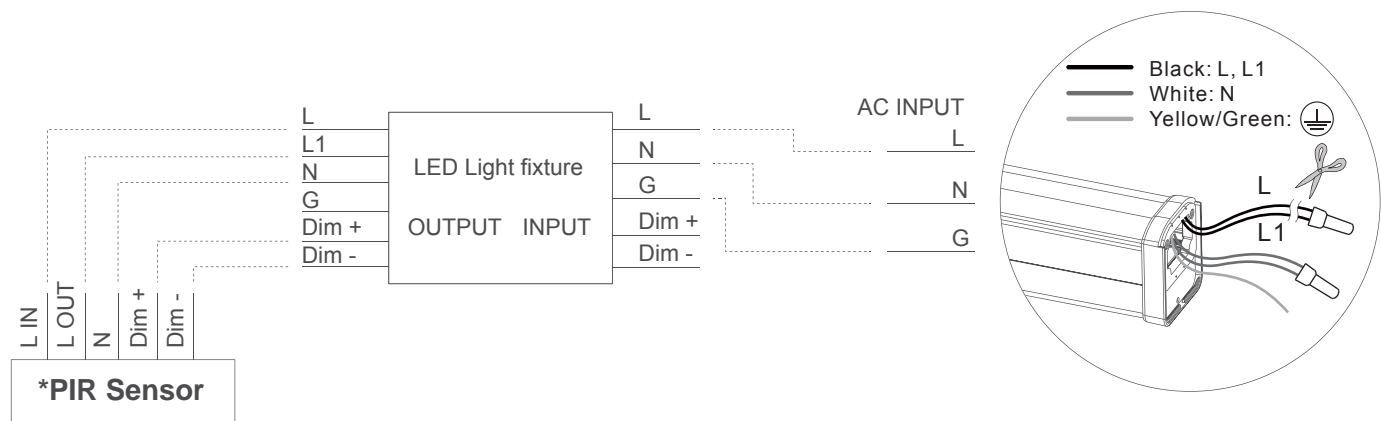


Occupancy Sensor  
SHA-B-277V

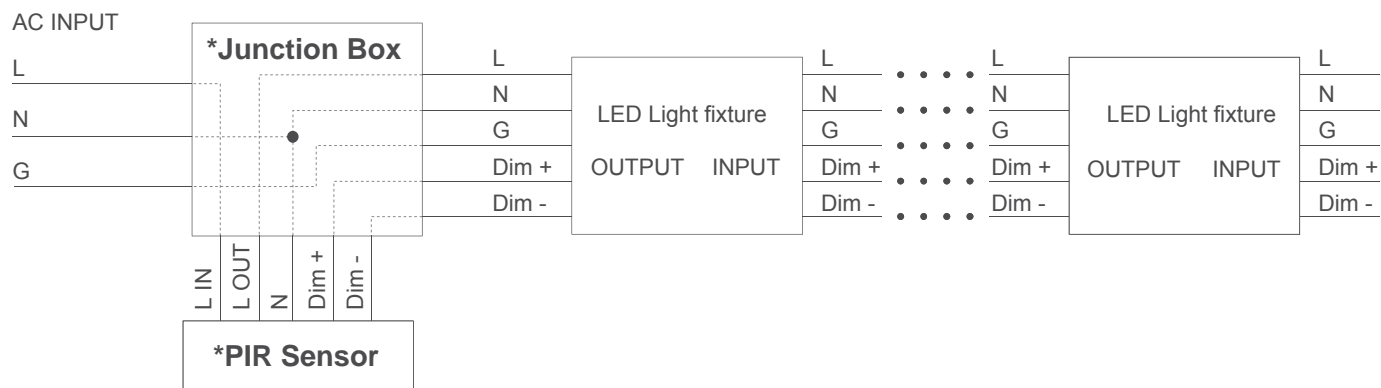
Wiring diagram



① Unlinkable

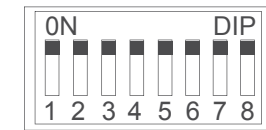


② Linkable



Occupancy Sensor  
SHA-B-277V

Function Description



UP=UP DOWN=DOWN

Mode	1	Daylight	2 3	Sensitivity	4	Brightness Level	5	Dimming Mode	6	Delay Time	7 8
Manual off	<input type="checkbox"/>	High	<input type="checkbox"/>	Minimum	<input type="checkbox"/>	50%	<input type="checkbox"/>	Off	<input type="checkbox"/>	30 Minute	<input type="checkbox"/>
Auto	<input type="checkbox"/>	Medium	<input type="checkbox"/>	Maximum	<input type="checkbox"/>	10%	<input type="checkbox"/>	Dimming	<input type="checkbox"/>	16 Minute	<input type="checkbox"/>
		Low	<input type="checkbox"/>							4 Minute	<input type="checkbox"/>
		Disable	<input type="checkbox"/>							8 Minute	<input type="checkbox"/>

Mode: When choosing "Manual off" the system will be in off state, when choosing "Auto" the system will be in working state.

Daylight: When the actual daylight is higher than the preset daylight mode, the light will be in off state.

In "Auto" mode you can follow the optional function below:

1. Upon initial plug in, the fixture will turn on at 100% brightness for 20 seconds.

2. The light will be at 100% brightness level once the sensor detects the occupants. When the sensor no longer detects the occupants, after the 1st delay time, the light will change to the preset brightness level.

3. When the sensor no longer receives any signal, after 2nd delay time, the light will turn off completely.

Notes:

When choosing "Off" mode, system will follow step 1, 2 and 3.

When choosing "Dimming" mode, system will follow step 1 and 2.

The daylight, brightness level, delay time, etc are preset according to the form.

Automatic detecting function: Upon plug in, turn the mode from "Manual off" to "Auto", the preset function will carry on automatic detection.

## For your notes

[illegible]



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**SHOP:** [www.alimentatorishop.com](http://www.alimentatorishop.com)