



the Power to Create Better Light™



**BUY
AMERICAN
ACT**

COMPLIANT LED LAMPS
AND LED RETROFIT KITS



www.espentech.com

Assembled in USA

Santa Fe Springs, California Production Line



Santa Fe Springs, California is home to Espen Technology Inc.'s Buy American Act Compliant LED tube and retrofit kit production line. Here, materials and components are put through a refining process in a set of sequential operations to produce quality end-products. Espen's products reflect an emphasis on sustainability, quality, and reliability.

Table of Contents

Buy American Act Compliant LED Lamps & LED Retrofit Kits

LED LAMPS

1 - 2



RetroFlex™

Type A Plug & Play Ballast Compatible LED Lamps

3



Drivers and Ballasts

For Type A Lamps

4



UniFlex™

DE T8 U-bent Lamps | Type A + B Solutions

5 - 6



Flex™ DE

Type B Double Ended AC Direct Input Lamps

7 - 8



CoreTech™

Type C LED Lamps with External Driver

9



CoreTech™ Drivers

Type C LED Driver

LED RETROFIT KITS

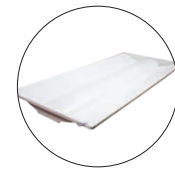
10 - 12



VersaLinear™

LED Linear Module Retrofit Kits

13



VersaKit™ Troffer

LED Center Basket Troffer Retrofit Kit

Specifications are subject to change without notice.

RetroFlex™

Type A Plug & Play Ballast Compatible LED Lamps

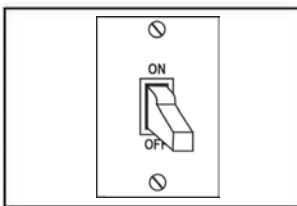


FEATURES AND BENEFITS

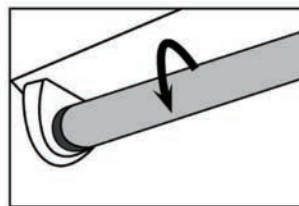
Direct Replacement for Fluorescent Lamps
Quick and Convenient Installation - Instant On, No Delay
Compatible with Electronic Ballasts - Instant Start,
Programmed Start and Dimming
Utilizes Existing Shunted or Non-Shunted Tombstones
Maintains the Original UL Certification of the Fixture
Compatible with Sensors
Shatterproof Nano Plastic Tube
Rated for Use in Food Prep Areas and Refrigerated Food
Displays
240° T5 and 325° T8 Wide Beam Angles
5 Year Warranty



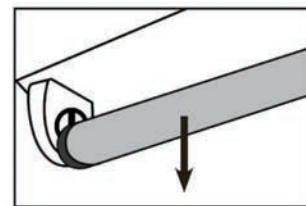
INSTALLATION GUIDE



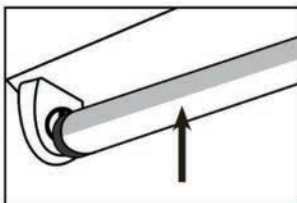
Turn off power to luminaire.



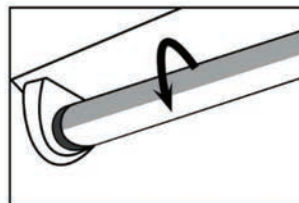
Rotate fluorescent lamp.



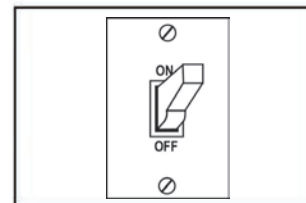
Remove fluorescent lamp.



Insert LED lamp.



Rotate LED lamp until pins
are seated.



Turn on power to luminaire.

¹ See espentech.com for ballast compatibility list.



RetroFlex™

Type A Plug & Play Ballast Compatible LED Lamps

Model No.	Replaces	Length (in)	Lamp Power (W)	System Power ¹ (W)	Lumens ² (lm)	Lamp Efficacy (lm/W)	Input Voltage ² (V)	CCT (K)	CRI	Life (h)
Linear T8										
L24T8/830/12P-EB BAA	F17T8	24	12	14	1680	140	120 - 277, 347	3000 ³	83+	50000
L24T8/835/12P-EB BAA	F17T8	24	12	14	1680	140	120 - 277, 347	3500	83+	50000
L24T8/840/12P-EB BAA	F17T8	24	12	14	1680	140	120 - 277, 347	4000	83+	50000
L24T8/850/12P-EB BAA	F17T8	24	12	14	1680	140	120 - 277, 347	5000	83+	50000
L36T8/830/12P-EB BAA	F25T8	36	12	14	1700	142	120 - 277, 347	3000 ³	83+	50000
L36T8/835/12P-EB BAA	F25T8	36	12	14	1700	142	120 - 277, 347	3500	83+	50000
L36T8/840/12P-EB BAA	F25T8	36	12	14	1700	142	120 - 277, 347	4000	83+	50000
L36T8/850/12P-EB BAA	F25T8	36	12	14	1700	142	120 - 277, 347	5000	83+	50000
L48T8/830/12P-EB BAA	F32T8	48	12	14	1800	150	120 - 277, 347	3000 ³	83+	50000
L48T8/835/12P-EB BAA	F32T8	48	12	14	1800	150	120 - 277, 347	3500	83+	50000
L48T8/840/12P-EB BAA	F32T8	48	12	14	1800	150	120 - 277, 347	4000	83+	50000
L48T8/850/12P-EB BAA	F32T8	48	12	14	1800	150	120 - 277, 347	5000	83+	50000
Linear T5										
L48T5HE/830/13P-EB BAA	F28T5HE	48	13	16	1800	139	120 - 277, 347	3000 ³	83+	50000
L48T5HE/835/13P-EB BAA	F28T5HE	48	13	16	1800	139	120 - 277, 347	3500	83+	50000
L48T5HE/840/13P-EB BAA	F28T5HE	48	13	16	1800	139	120 - 277, 347	4000	83+	50000
L48T5HE/850/13P-EB BAA	F28T5HE	48	13	16	1800	139	120 - 277, 347	5000	83+	50000
L48T5/830/24P-EB BAA	F54T5HO	48	24	27	3200	133	120 - 277, 347	3000 ³	83+	50000
L48T5/835/24P-EB BAA	F54T5HO	48	24	27	3200	133	120 - 277, 347	3500	83+	50000
L48T5/840/24P-EB BAA	F54T5HO	48	24	27	3200	133	120 - 277, 347	4000	83+	50000
L48T5/850/24P-EB BAA	F54T5HO	48	24	27	3200	133	120 - 277, 347	5000	83+	50000



¹ System Power and Lumens based on normal ballast factor (0.88). Operation on low and high ballast factor will yield alternate specification.
² Voltage is dependant on ballast brand and model number. See espentech.com for ballast compatibility list.
³ 3000K CCT may be subject to lead times and availability.

Ballasts & Drivers

Type A Compatible Ballasts & LED Drivers

TAA Compliant



Electronic Ballast



Non-Dimmable Driver



Dimmable Driver



Emergency Ballast - Regular



Emergency Ballast - Slim

FEATURES AND BENEFITS

Electronic Ballasts

- Slim Profile
- Lamp Auto Restrike
- High Efficiency
- 5 Year Warranty



Non-Dimmable Drivers

- Constant Current
- Universal Voltage (120 - 277V)
- 5 Year Warranty



Dimmable Drivers

- Constant Current
- Universal Voltage (120 - 277V)
- 0 - 10V Continuous Dimming (10% - 100%)
- 5 Year Warranty



Emergency Ballasts

- Dual Input Voltage (120/277V)
- Maintenance Free, Long Life
- High Temperature Ni-Cad Battery
- Durable, Heavy-Duty Steel Housing
- 7 Year Warranty



Model No.	Type	Lamps	Voltage (V)	Method
VE254MVHRP	Electronic Ballast, F54T5HO	2	120 - 277	Program Start
VE454MVHRP	Electronic Ballast, F54T5HO	3, or 4	120 - 277	Program Start

Above products are exempted from TAA compliance

Model No.	Type	Compatible Lamps	Number of Lamps
VEL50BN-2C TAA	Constant Current Non-Dimmable Driver	RetroFlex Type A LED Lamps	1 or 2
VEL100BN-4C TAA	Constant Current Non-Dimmable Driver	RetroFlex Type A LED Lamps	3 or 4
VEL30BN-2C-10V TAA	Constant Current Dimmable Driver	RetroFlex Type A LED Lamps	1 or 2
VEL60BN-4C-10V TAA	Constant Current Dimmable Driver	RetroFlex Type A LED Lamps	3 or 4

Model No.	Type	Lumens	Voltage (V)	Operation Hours	Case
VEM500DV-L TAA	Emergency Ballast	500	120/277	90 mins	Regular
VEM700DV-L TAA	Emergency Ballast	700	120/277	90 mins	Regular
VEM1300DV-L TAA	Emergency Ballast	1300	120/277	90 mins	Slim

UniFlex™

T8 U-bent Lamps | Type A+B Solutions

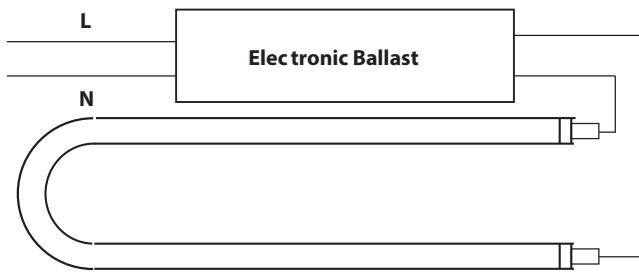


FEATURES AND BENEFITS

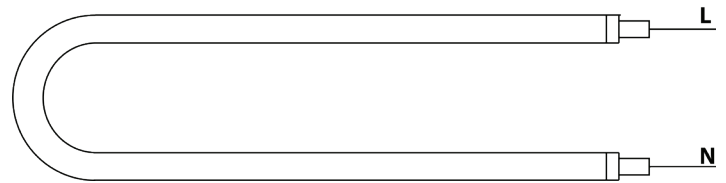
- Type A and B Lamp
- Internal driver for direct 120-277 VAC Input
- Double ended Type-B Input
- Works with fluorescent electronic ballast (Instant Start and Programmed Start)
- Long life | High CRI
- Instant on, No delay
- Convenient and quick installation
- Utilizes existing instant start or rapid start sockets
- Works with dimming ballast
- Compatible with controls and sensors
- Works in cold temperature applications
- 5 Year Warranty



WIRING DIAGRAM



Type A Configuration



Type B Configuration

Model No.	Length (in)	Width (in)	Power Direct AC (W)	Power w/Ballast (W)	Input Voltage	CCT	Lumens (lm)	CRI	Beam Angle	Lamp Efficacy Direct AC	Lamp Efficacy w/Ballast	Life (h)
LB31T8U/830/13P-AB BAA	24	1-5/8	13	16	120-277V	3000K ²	1800	83+	240°	138 ¹	112.5 ¹	50000
LB31T8U/835/13P-AB BAA	24	1-5/8	13	16	120-277V	3500K	1800	83+	240°	138 ¹	112.5 ¹	50000
LB31T8U/840/13P-AB BAA	24	1-5/8	13	16	120-277V	4000K	1800	83+	240°	138 ¹	112.5 ¹	50000
LB31T8U/850/13P-AB BAA	24	1-5/8	13	16	120-277V	5000K	1800	83+	240°	138 ¹	112.5 ¹	50000
LB48T8U6/830/13P-AB BAA	24	6	13	16	120-277V	3000K ²	1800	83+	240°	138 ¹	128 ¹	50000
LB48T8U6/835/13P-AB BAA	24	6	13	16	120-277V	3500K	1800	83+	240°	138 ¹	128 ¹	50000
LB48T8U6/840/13P-AB BAA	24	6	13	16	120-277V	4000K	1800	83+	240°	138 ¹	128 ¹	50000
LB48T8U6/850/13P-AB BAA	24	6	13	16	120-277V	5000K	1800	83+	240°	138 ¹	128 ¹	50000

¹ Calculation based on (lm/W)

² 3000K CCT may be subject to lead times and availability.

Flex™ DE

Type B Double Ended AC Direct Input LED Lamps

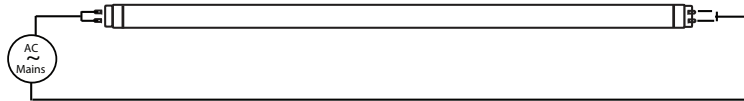


FEATURES AND BENEFITS

- Double Ended Bypass Connection with Shunted or Non-Shunted Tombstones
- Internal Driver
- Compatible with Sensors
- Shatterproof Nano Plastic Tube
- Frosted to Prevent Glare
- 325° Wide Beam Angle
- 5 Year Warranty

WIRING DIAGRAM

120-277 VAC



Model No.	Replaces	Length (in)	Lamp Power (W)	Lumens (lm)	Efficacy (lm/W)	Input Voltage (V)	CCT (K)	CRI	Life (h)	
Linear T8										
L24T8/830/9P-ID DE BAA	F17T8	24	9	1100	122	120 - 277	3000 ¹	83+	50000	
L24T8/835/9P-ID DE BAA	F17T8	24	9	1100	122	120 - 277	3500	83+	50000	
L24T8/840/9P-ID DE BAA	F17T8	24	9	1100	122	120 - 277	4000	83+	50000	
L24T8/850/9P-ID DE BAA	F17T8	24	9	1100	122	120 - 277	5000	83+	50000	
L36T8/830/12P-ID DE BAA	F25T8	36	12	1400	117	120 - 277	3000 ¹	83+	50000	
L36T8/835/12P-ID DE BAA	F25T8	36	12	1400	117	120 - 277	3500	83+	50000	
L36T8/840/12P-ID DE BAA	F25T8	36	12	1400	117	120 - 277	4000	83+	50000	
L36T8/850/12P-ID DE BAA	F25T8	36	12	1400	117	120 - 277	5000	83+	50000	
L48T8/830/12P-ID DE BAA	F32T8	48	12	1800	150	120 - 277	3000 ¹	83+	50000	
L48T8/835/12P-ID DE BAA	F32T8	48	12	1800	150	120 - 277	3500	83+	50000	
L48T8/840/12P-ID DE BAA	F32T8	48	12	1800	150	120 - 277	4000	83+	50000	
L48T8/850/12P-ID DE BAA	F32T8	48	12	1800	150	120 - 277	5000	83+	50000	
Linear T5 HO										
L48T5/830/25P-ID DE BAA	F54T5HO	48	25	3500	140	120 - 277	3000 ¹	80+	50000	
L48T5/830/25P-ID DE BAA	F54T5HO	48	25	3500	140	120 - 277	3500	80+	50000	
L48T5/830/25P-ID DE BAA	F54T5HO	48	25	3500	140	120 - 277	4000	80+	50000	
L48T5/830/25P-ID DE BAA	F54T5HO	48	25	3500	140	120 - 277	5000	80+	50000	

Model No.	Type	Input Voltage (V)	Output Voltage (V)	Output Power (W)	Operation Hours
VEMB5W TAA	Emergency Inverter	120 - 277	OCV 300VDC	5	90 mins

¹ 3000K CCT may be subject to lead times and availability.



Flex™

AC Direct Input | Compact LED Lamps | FT LED Lamps

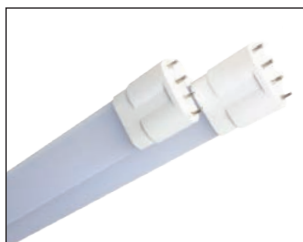


FEATURES AND BENEFITS

- Compatible with 2-Pin and 4-Pin Sockets
- Internal Driver
- 20° F to 130° F Ambient Operating Temperature
- Frosted to Prevent Glare
- Suitable for Damp Locations
- 5 Year Warranty



Model No.	Replaces	Lamp Power (W)	Lumens (lm)	Lamp Efficacy (lm/W)	Input Voltage (V)	CCT (K)	CRI	Life (h)
Compact LED Lamps								
CLD18WH/830-ID BAA	18W, 26W, 32W, 42W CFQ	8	950	118	120 - 277	3000 ¹	83+	50000
CLD18WH/835-ID BAA	18W, 26W, 32W, 42W CFQ	8	950	118	120 - 277	3500	83+	50000
CLD18WH/840-ID BAA	18W, 26W, 32W, 42W CFQ	8	950	118	120 - 277	4000	83+	50000
CLD18WH/850-ID BAA	18W, 26W, 32W, 42W CFQ	8	950	118	120 - 277	5000	83+	50000
CLD18WV/830-ID BAA	18W, 26W, 32W, 42W CFQ	8	950	118	120 - 277	3000 ¹	83+	50000
CLD18WV/835-ID BAA	18W, 26W, 32W, 42W CFQ	8	950	118	120 - 277	3500	83+	50000
CLD18WV/840-ID BAA	18W, 26W, 32W, 42W CFQ	8	950	118	120 - 277	4000	83+	50000
CLD18WV/850-ID BAA	18W, 26W, 32W, 42W CFQ	8	950	118	120 - 277	5000	83+	50000



FEATURES AND BENEFITS

- Internal Driver
- Smooth, Consistent Light
- UL for Safety
- No UV, No Mercury
- Long Life
- High CRI
- Instant on, no delay or warm up time
- Convenient and quick installation
- Utilizes current lamp sockets
- Compatible with controls and sensors
- 20° F to 130° F Ambient Operating Temperature
- 5 Year Warranty



Model No.	Replaces	Lamp Power (W)	Lumens (lm)	Lamp Efficacy (lm/W)	Input Voltage (V)	CCT (K)	CRI	Life (h)
FT LED Lamps								
LT24W/830-ID BAA	FT24W	10	800	80	120 - 277	3000 ¹	83+	50000
LT24W/835-ID BAA	FT24W	10	800	80	120 - 277	3500	83+	50000
LT24W/840-ID BAA	FT24W	10	800	80	120 - 277	4000	83+	50000
LT24W/850-ID BAA	FT24W	10	800	80	120 - 277	5000	83+	50000
LT40W/830-ID BAA	FT40W/FT55W	18	1800	80	120 - 277	3000 ¹	83+	50000
LT40W/835-ID BAA	FT40W/FT55W	18	1800	80	120 - 277	3500	83+	50000
LT40W/840-ID BAA	FT40W/FT55W	18	1800	80	120 - 277	4000	83+	50000
LT40W/850-ID BAA	FT40W/FT55W	18	1800	80	120 - 277	5000	83+	50000

¹ 3000K CCT may be subject to lead times and availability.

CoreTech™

Type C T8 LED Lamps with External Driver



FEATURES AND BENEFITS



No Polarity, Lamp Ends Can Be Reversed

Shatterproof Nano Plastic Tube

Compatible with Controls and Sensors

50,000 Hours Life with No Limitation on On/Off Cycles

1 or 2 Lamps Compatible with Espen VPL50 LED Driver

3 or 4 Lamps Compatible with Espen VPL100 LED Driver

Input Voltage 120 - 277V

240° T5 and 325° T8 Wide Beam Angles

Dimmable

5 Year Warranty



Model No.	Length (in)	Driver Current	Replaces	Lamp Power (W)	System Power (W)	Lumens (lm)	Lamp Efficacy (lm/W)	Lamp Voltage (V)	CCT (K)	CRI	Life (h)	Current Settings
Linear T8												
L24T8/830/8P-XT BAA	24	Normal	F17T8	8	11	1200	150	120 - 277	3000 ²	82+	50000	300mA
		High		10	13	1400	140					360mA
L24T8/835/8P-XT BAA	24	Normal	F17T8	8	11	1200	150	120 - 277	3500	82+	50000	300mA
		High		10	13	1400	140					360mA
L24T8/840/8P-XT BAA	24	Normal	F17T8	8	11	1200	150	120 - 277	4000	82+	50000	300mA
		High		10	13	1400	140					360mA
L24T8/850/8P-XT BAA	24	Normal	F17T8	8	11	1200	150	120 - 277	5000	82+	50000	300mA
		High		10	13	1400	140					360mA
L36T8/830/11P-XT BAA	36	Normal	F25T8	11	14	1600	145	120 - 277	3000 ²	82+	50000	300mA
		High		13	16	1900	146					360mA
L36T8/835/11P-XT BAA	36	Normal	F25T8	11	14	1600	145	120 - 277	3500	82+	50000	300mA
		High		13	16	1900	146					360mA
L36T8/840/11P-XT BAA	36	Normal	F25T8	11	14	1600	145	120 - 277	4000	82+	50000	300mA
		High		13	16	1900	146					360mA
L36T8/850/11P-XT BAA	36	Normal	F25T8	11	14	1600	145	120 - 277	5000	82+	50000	300mA
		High		13	16	1900	146					360mA
L48T8/830/15P-XT BAA	48	Normal	F32T8	12	15	1800	150	120 - 277	3000 ²	82+	50000	300mA
		High		15	18	2200	146					360mA
L48T8/835/15P-XT BAA	48	Normal	F32T8	12	15	1800	150	120 - 277	3500	82+	50000	300mA
		High		15	18	2200	146					360mA
L48T8/840/15P-XT BAA	48	Normal	F32T8	12	15	1800	150	120 - 277	4000	82+	50000	300mA
		High		15	18	2200	146					360mA
L48T8/850/15P-XT BAA	48	Normal	F32T8	12	15	1800	150	120 - 277	5000	82+	50000	300mA
		High		15	18	2200	146					360mA

¹ See page 9 for VPL50 and VPL100 specifications

² 3000K CCT may be subject to lead times and availability.



CoreTech™

Type C T5 LED Lamps with External Driver

FEATURES AND BENEFITS



- No Polarity, Lamp Ends Can Be Reversed
- Compatible with Controls and Sensors
- 50,000 Hours Life with No Limitation on On/Off Cycles
- 20° F to 130° F Ambient Operating Temperature
- 1 or 2 Lamps Compatible with Espen VPL50 LED Driver
- 3 or 4 Lamps Compatible with Espen VPL100 LED Driver
- 240° Wide Beam Angle
- Dimmable
- 5 Year Warranty



Model No.	Length (in)	Driver Current	Replaces	Lamp Power (W)	System Power (W)	Lumens (lm)	Lamp Efficacy (lm/W)	Lamp Voltage (V)	CCT (K)	CRI	Life (h)	Current Settings
Linear T5												
L24T5/830/11P-XT BAA	24	Normal	F14T5HE	9	12	1300	144	120 - 277	3000 ²	82+	50000	360mA
		High	F24T5HO	12	15	1700	142					500mA
L24T5/835/11P-XT BAA	24	Normal	F14T5HE	9	12	1300	144	120 - 277	3500	82+	50000	360mA
		High	F24T5HO	12	15	1700	142					500mA
L24T5/840/11P-XT BAA	24	Normal	F14T5HE	9	12	1300	144	120 - 277	4000	82+	50000	360mA
		High	F24T5HO	12	15	1700	142					500mA
L24T5/850/11P-XT BAA	24	Normal	F14T5HE	9	12	1300	144	120 - 277	5000	82+	50000	360mA
		High	F24T5HO	12	15	1700	142					500mA
L36T5/830/18P-XT BAA	36	Normal	F21T5HE	13	16	1900	146	120 - 277	3000 ²	82+	50000	360mA
		High	F39T5HO	18	21	2500	139					500mA
L36T5/835/18P-XT BAA	36	Normal	F21T5HE	13	16	1900	146	120 - 277	3500	82+	50000	360mA
		High	F39T5HO	18	21	2500	139					500mA
L36T5/840/18P-XT BAA	36	Normal	F21T5HE	13	16	1900	146	120 - 277	4000	82+	50000	360mA
		High	F39T5HO	18	21	2500	139					500mA
L36T5/850/18P-XT BAA	36	Normal	F21T5HE	13	16	1900	146	120 - 277	5000	82+	50000	360mA
		High	F39T5HO	18	21	2500	139					500mA
L48T5/830/24P-XT BAA	48	Normal	F28T5HE	15	18	2300	153	120 - 277	3000 ²	82+	50000	360mA
		High	F54T5HO	24	27	3300	138					500mA
L48T5/835/24P-XT BAA	48	Normal	F28T5HE	15	18	2300	153	120 - 277	3500	82+	50000	360mA
		High	F54T5HO	24	27	3300	138					500mA
L48T5/840/24P-XT BAA	48	Normal	F28T5HE	15	18	2300	153	120 - 277	4000	82+	50000	360mA
		High	F54T5HO	24	27	3300	138					500mA
L48T5/850/24P-XT BAA	48	Normal	F28T5HE	15	18	2300	153	120 - 277	5000	82+	50000	360mA
		High	F54T5HO	24	27	3300	138					500mA

¹ See VPL50 and VPL100 specifications.

² 3000K CCT may be subject to lead times and availability.

DRIVERS

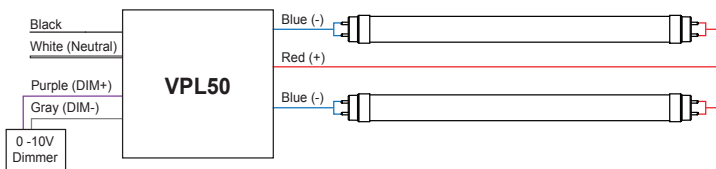
Type C Compatible LED Drivers

TAA Compliant

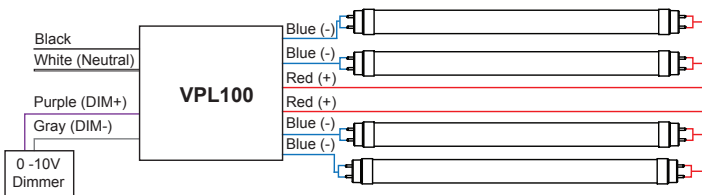


TAA

2 LAMP WIRING DIAGRAM



4 LAMP WIRING DIAGRAM



FEATURES AND BENEFITS

VPL50

- Compatible with 1 or 2 Type C LED Linear Lamps
- Constant Current
- 2 Channels
- Universal Voltage (120 - 277V)
- Dimmable
- Suitable for Damp Locations
- 5 Year Warranty

VPL100

- Compatible with 3 or 4 Type C LED Linear Lamps
- Constant Current
- 4 Channels
- Universal Voltage (120 - 277V)
- Dimmable
- Suitable for Damp Locations
- 5 Year Warranty



Model No.	Output Current	Driver Type	Max Wattage (W)	No. of Channels	Input Voltage (V)	Dimming	No. of Espen CoreTech™ Lamps
VPL50-XXX-MVHDA-PD-2C TAA	Programmable	Constant Current	50	2	120 - 277	0 -10V	1 or 2
VPL100MVHUD-A-4C-XXX TAA	Programmable	Constant Current	100	4	120 - 277	0 -10V	3 or 4
VPL50-2C 030/036 TAA	Field Adjustable	Constant Current	50	2	120 - 277	0 -10V	1 or 2
VPL100-4C 030/036 TAA	Field Adjustable	Constant Current	100	4	120 - 277	0 -10V	3 or 4

Model No.	Driver Type	Battery Package	Max Load for 90 Min
VEML20MV-1 TAA (Constant Wattage)	Emergency LED Driver	BA/96L/2.0AH	10W



VersaLinear™

LED Linear Module Retrofit Kits

FEATURES AND BENEFITS

- Designed to Achieve High Lumen Output
- Each Kit Includes LED Modules Paired with an LED Driver
- LED Modules Feature Durable Aluminum Structures
- Magnetic Backing for Easier Installation
- Available with Frosted Diffusor Lense or No Diffusor Lense
- Kits Retrofit 2, 3 and 4 foot T5 and T8 Fixtures
- End-to-End Lighting with No Dark Spots
- 120 - 277V Input Voltage
- 80+ CRI
- 50,000 Hours Life
- Dimmable
- 5 Year Warranty



With Diffusor Lens
BAA



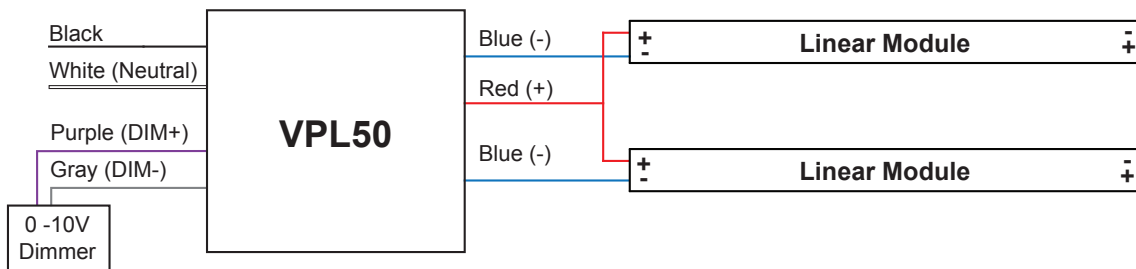
Without Diffusor Lens
BAA



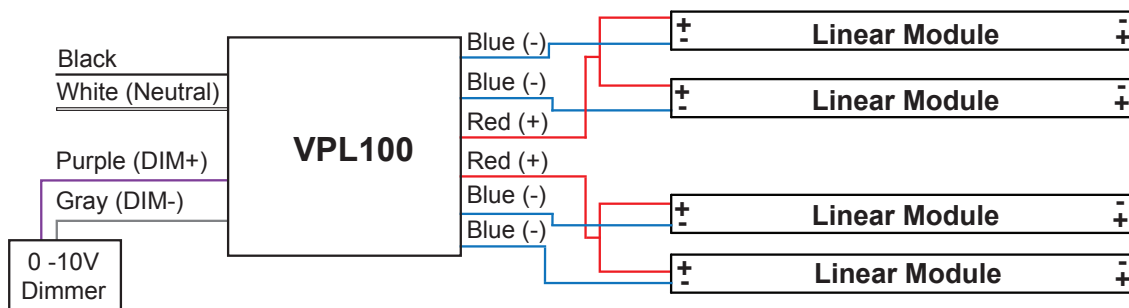
TAA



HIGH EFFICIENCY 2 LAMP WIRING DIAGRAM



HIGH EFFICIENCY 4 LAMP WIRING DIAGRAM



VersaLinear™

LED Linear Module Retrofit Kits



Order No.	Model No. (DLC)	Replaces	Diffusor Lens	No. of Modules Included	Driver Included	Driver Current	System Power (W)	System Lumens (lm)	System Efficacy (lm/W)
2 Foot HE - High Efficiency									
VEKM-L21C/8XX ³ BAA	D546-1M-302C	1 x F17T8	No	1	VPL50	High Low	12 10	1500 1250	125 125
VEKM-L21F/8XX ³ BAA	D546-1M-302F	1 x F17T8	Yes	1	VPL50	High Low	12 10	1250 1050	104 105
VEKM-L22C/8XX ³ BAA	D546-2M-302C	2 x F17T8	No	2	VPL50	High Low	24 20	3000 2500	125 125
VEKM-L22F/8XX ³ BAA	D546-2M-302F	2 x F17T8	Yes	2	VPL50	High Low	24 20	2550 2100	105 105
VEKM-L23C/8XX ² BAA	D547-3M-302C	3 x F17T8	No	3	VPL100	High Low	34 28	4300 3600	126 129
VEKM-L23F/8XX ² BAA	D547-3M-302F	3 x F17T8	Yes	3	VPL100	High Low	34 28	3550 3000	104 107
VEKM-L24C/8XX ³ BAA	D547-4M-302C	4 x F17T8	No	4	VPL100	High Low	43 36	5600 4700	130 131
VEKM-L24F/8XX ³ BAA	D547-4M-302F	4 x F17T8	Yes	4	VPL100	High Low	43 36	4600 3900	107 108
3 Foot HE - High Efficiency									
VEKM-L31C/8XX ² BAA	D546-1M-303C	1 x F25T8	No	1	VPL50	High Low	16 13	2100 1750	131 135
VEKM-L31F/8XX ² BAA	D546-1M-303F	1 x F25T8	Yes	1	VPL50	High Low	16 13	1700 1400	106 108
VEKM-L32C/8XX ² BAA	D546-2M-303C	2 x F25T8	No	2	VPL50	High Low	32 26	4250 3500	133 135
VEKM-L32F/8XX ² BAA	D546-2M-303F	2 x F25T8	Yes	2	VPL50	High Low	32 26	3400 2800	106 108
VEKM-L33C/8XX ² BAA	D547-3M-303C	3 x F25T8	No	3	VPL100	High Low	46 38	6100 5000	133 132
VEKM-L33F/8XX ² BAA	D547-3M-303F	3 x F25T8	Yes	3	VPL100	High Low	46 38	5050 4200	110 111
VEKM-L34C/8XX ² BAA	D547-4M-303C	4 x F25T8	No	4	VPL100	High Low	60 50	8000 6500	133 130
VEKM-L34F/8XX ² BAA	D547-4M-303F	4 x F25T8	Yes	4	VPL100	High Low	60 50	6500 5400	108 108

¹ XX = 30, 35, 40 or 50
 30 = 3000K, 35 = 3500K, 40 = 4000K and 50 = 5000K (3000K may be subject to lead times and availability)
² Not DLC listed. See 4 foot modules for DLC listed modules.
³ DLC listed



VersaLinear™

LED Linear Module Retrofit Kits

Order No.	Model No.	Replaces	Diffusor Lens	Quantity of Modules Included	Driver Included	Drive Current	System Power (W)	System Lumens (lm)	System Efficacy (lm/W)
4 Foot HE - High Efficiency									
VEKM-L41C/8XX ^{1,2} BAA	D546-1M-304C	1 x F32T8	No	1	VPL50	High Low	18 14	2300 1850	128 132
VEKM-L41F/8XX ^{1,2} BAA	D546-1M-304F	1 x F32T8	Yes	1	VPL50	High Low	18 14	1850 1550	103 111
VEKM-L42C/8XX ^{1,3} BAA	D546-2M-304C	2 x F32T8	No	2	VPL50	High Low	35 27	4600 3700	131 137
VEKM-L42F/8XX ^{1,3} BAA	D546-2M-304F	2 x F32T8	Yes	2	VPL50	High Low	35 27	3900 3100	111 115
VEKM-L43C/8XX ^{1,2} BAA	D547-3M-304C	3 x F32T8	No	3	VPL100	High Low	50 39	6900 5550	138 142
VEKM-L43F/8XX ^{1,2} BAA	D547-3M-304F	3 x F32T8	Yes	3	VPL100	High Low	50 39	5850 4600	117 118
VEKM-L44C/8XX ^{1,4} BAA	D547-4M-304C	4 x F32T8	No	4	VPL100	High Low	65 51	9250 7400	142 145
VEKM-L44F/8XX ^{1,4} BAA	D547-4M-304F	4 x F32T8	Yes	4	VPL100	High Low	65 51	7800 6150	120 121
4 Foot HO - High Output									
VEKM-L41C/HO/8XX ^{1,2} BAA	D546-1M-304C/ HO	1 x 4' HO	No	1	VPL50	Normal	24	3100	129
VEKM-L41F/HO/8XX ^{1,2} BAA	D546-1M-304F/ HO	1 x 4' HO	Yes	1	VPL50	Normal	24	2600	108
VEKM-L42C/HO/8XX ^{1,2} BAA	D547-2M-304C/ HO	2 x 4' HO	No	2	VPL100	Normal	48	6000	125
VEKM-L42F/HO/8XX ^{1,2} BAA	D547-2M-304F/ HO	2 x 4' HO	Yes	2	VPL100	Normal	48	5000	104
4 Foot VHO - Very High Output									
VEKM-L41C/VHO/8XX ^{1,2} BAA	D547-1M-304C/ VHO	1 x 4' VHO	No	1	VPL100	Normal	48	6200	129
VEKM-L41F/VHO/8XX ^{1,2} BAA	D547-1M-304F/ VHO	1 x 4' VHO	Yes	1	VPL100	Normal	48	5150	107
VEKM-L42C/VHO/8XX ^{1,2} BAA	D547-2M-304C/ VHO	2 x 4' VHO	No	2	VPL100	Normal	96	12000	125
VEKM-L42F/VHO/8XX ^{1,2} BAA	D547-2M-304F/ VHO	2 x 4' VHO	Yes	2	VPL100	Normal	96	10000	104

1 XX = 30, 35, 40 or 50
 30 = 3000K, 35 = 3500K, 40 = 4000K and 50 = 5000K (3000K may be subject to lead times and availability.)
 2 Not DLC listed. See 4 foot modules for DLC listed modules.
 3 DLC listed.
 4 DLC pending.

VersaKit™ Troffer

LED Center Basket Troffer Retrofit Kit



FEATURES AND BENEFITS

- Quick and Easy Installation
- Utilizes Existing Housing to Reduce Installation Time and Cost of Labor
- Center Diffuser Snaps in Place
- Reflective Surface for Uniform Distribution of Light
- Dimmable (0-10V Dimming)
- 5 Year Warranty



KIT MATERIALS



Installation Bracket

Model No.	Retrofits	Power (W)	Lumens (lm)	Efficacy (lm/W)	Voltage (V)	CCT (K)	CRI	Life (h)
VEKT2X2H/830 BAA ¹	2 x 2 Troffer	22	2750	125	120 - 277	3000 ¹	80+	50000
VEKT2X2H/835 BAA	2 x 2 Troffer	22	2750	125	120 - 277	3500	80+	50000
VEKT2X2H/840 BAA	2 x 2 Troffer	22	2750	125	120 - 277	4000	80+	50000
VEKT2X2H/850 BAA	2 x 2 Troffer	22	2750	125	120 - 277	5000	80+	50000
VEKT2X4L/830 BAA ¹	2 x 4 Troffer	36	4500	125	120 - 277	3000 ¹	80+	50000
VEKT2X4L/835 BAA	2 x 4 Troffer	36	4500	125	120 - 277	3500	80+	50000
VEKT2X4L/840 BAA	2 x 4 Troffer	36	4500	125	120 - 277	4000	80+	50000
VEKT2X4L/850 BAA	2 x 4 Troffer	36	4500	125	120 - 277	5000	80+	50000

¹ 3000K CCT may be subject to lead times and availability.

VersaKit™ 3 Level Troffer

LED Center Basket Troffer Retrofit Kit



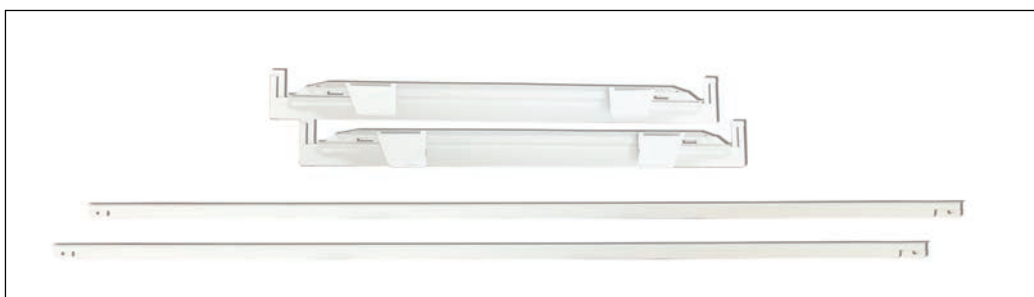
FEATURES AND BENEFITS

- Central Basket Design
- Quick & Easy Installation
- 3-Level Selectable Current Setting
- Utilizes Existing Housing to Reduce Installation Time and Cost of Labor
- 20° F to 130° F Ambient Operating Temperature
- Center Diffuser Snaps in Place
- Reflective Surface for Uniform Distribution of Light
- Dimmable (0-10V Dimming), Dim-To-Off



Installation Brackets

versaKIT Troffer



Dial Settings

3-Level Current Settings

VEKT2X2H	390mA	<input type="checkbox"/>
	470mA	<input type="checkbox"/>
	540mA	<input type="checkbox"/>
VEKT2X4L	600mA	<input type="checkbox"/>
	670mA	<input type="checkbox"/>
	750mA	<input type="checkbox"/>

Model No.	Retrofits	Power (W)	Lumens (lm)	Efficacy (lm/W)	Voltage (V)	CCT (K)	CRI	Life (h)
VEKT2X2H-8XX BAA (16W/19W/22W)	2 x 2 Troffer	22	2750	125	120 - 277	3000 ¹	80+	50000
	2 x 2 Troffer	22	2750	125	120 - 277	3500	80+	50000
	2 x 2 Troffer	22	2750	125	120 - 277	4000	80+	50000
	2 x 2 Troffer	22	2750	125	120 - 277	5000	80+	50000
VEKT2X2H-8XX BAA (29W/32W/36W)	2 x 4 Troffer	36	4500	125	120 - 277	3000 ¹	80+	50000
	2 x 4 Troffer	36	4500	125	120 - 277	3500	80+	50000
	2 x 4 Troffer	36	4500	125	120 - 277	4000	80+	50000
	2 x 4 Troffer	36	4500	125	120 - 277	5000	80+	50000

¹ 3000K CCT may be subject to lead times and availability.

Notes



the Power to Create Better Light™

RETROFIT LIGHTING SOLUTIONS

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