




AlphaLite Inc.

# COMMERCIAL LIGHTING

[www.alpha-lite.com](http://www.alpha-lite.com)



# Exploring Light Through Innovation and Value

Alphalite is driven by a mission to deliver application-optimized, value added lighting solutions that solve consumer challenges in achieving greater energy efficiency and better lighting. Through quality manufacturing and innovative design, Alphalite's solutions focus on improving lighting quality and functionality while reducing energy demand.

At Alphalite, we have the inventory and the ability to assemble our products locally to help support our customer's quick turn around needs. The team is motivated by partnering with customers to explore improvements in how people interact with light. The company is excited to push the boundaries of light beyond energy efficiency. With new technology there are endless possibilities for light to improve life.



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## LED LIGHTING

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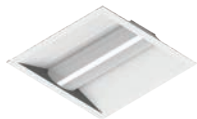
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## LED LIGHTING

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## CONTINUING A HERITAGE OF **HIGH QUALITY** MANUFACTURING AND **ENGINEERING**

Alphalite, Inc., headquartered in Southern California, extends a long history of manufacturing. We proudly stand behind all of our high quality products which are manufactured using the best techniques and materials on the market. For this reason we are able to offer a limited warranty against any defects in workmanship or materials. The company is committed to developing new technology to improve lighting efficiency, functionality, and quality. By pushing innovation beyond efficacy and price, Alphalite strives to harness the potential of LED technology and deliver human-centric lighting that improves life.

As part of Ka Shui International Group, a publicly traded company on the Hong Kong Stock Exchange, Alphalite utilizes state-of-the-art facilities and advanced manufacturing processes to deliver highly-efficient and performance-optimized luminaires. Ka Shui has over 5 manufacturing facilities, exceeding 980,000 sq. ft., with over 5,400 employees and the expertise in engineering and manufacturing seamless integration of design and production.

As a leading OEM in consumer and commercial electronics products, the company contributes towards advancements in lighting technology. The organization invests in technology by bringing cutting-edge manufacturing and innovative design to LED Lighting. With a growing team of lighting professionals, Alphalite aims to deliver value-added, lighting solutions.







## Breakthroughs in Lighting Technology



In 1988, Ka Shui became the first company in Hong Kong to develop magnesium alloy die-cast technology. As a pioneer and leader in the industry, the group has continued to innovate and strengthen its manufacturing capabilities. With over 4 advanced automated plants across China, investment in new technology has helped deliver breakthroughs in consumer electronics.

The Ka Shui Group will continue to specialize in the research and development of various metals, production technologies and surface processing. Striving to advance the technology of manufacturing further, the group aspires to become a worldwide leader in the electronics industry. Ka Shui's robust manufacturing capacity and game-changing innovations in manufacturing will support Alpalite's efforts to deliver high-performance lighting solutions. Innovation in manufacturing will yield improved thermal management of LED systems and greater efficacies while reducing luminaire size and profile.

Alpalite has invested in new lighting technology for high lumen applications with Advanced Plasma Lighting and continues to grow its R&D and engineering group.

A green-tinted photograph of an office interior. The ceiling is a grid of square panels, some of which are recessed, creating a pattern of light and shadow. Below the ceiling, there are rows of cubicles with glass partitions. The overall scene is dimly lit, with the primary light source being the recessed ceiling lights. The image has a strong green color cast.

# Troffers and Panels

High performance LED solutions for indoor spaces. Fits standard grid ceiling. This series offers the advantages of long life, low energy consumption, dimmability, and controls compatible. Alphalite's line of Panels and Troffers delivers demand reduction, improves lighting quality and user comfort, and enables advanced controls.





ILT-CB Series

08



BFPL Series

10



TSRF Series

12



STL Series

14



LTS Series

16



# ILT-CB

## Infinity Volumetric LED Troffer (Center Diffuser)

The Alphalite Volumetric LED Troffer series combines the benefits of long life, controllability, and energy savings with elegant design and superior light quality.

### Features

- High efficacy
- Continuous dimming
- Long life
- Smooth and comfortable light without glare
- Modular LED array & driver with room-side access

### Benefits

- Ideal use with sensors and advanced controls
- Reduced maintenance costs
- Lowers energy cost
- Volumetric lighting ensures occupant comfort
- Provides a more productive space
- Convenient access to standard components
- Reduces life cycle cost

### Application

Indoor general/ambient illumination. Ideal for offices, retail, and other architectural spaces that demand energy demand reduction and high quality light.



2' x 2'



2' x 4'



1' x 4'





## PRODUCT NUMBER BUILDER

Example: ILT-CB-24L(34S2)/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>ILT-CB</b>							
<b>ILT-CB</b> - Infinity Volumetric LED Troffer (Center Diffuser)	<b>22</b> - 2'x2' <b>24</b> - 2'x4' <b>14</b> - 1'x4'	<b>VL</b> - Very Low Wattage <b>L</b> - Low Wattage <b>H</b> - High Lumen <b>VH</b> - Very high Lumen *See energy data for details	<b>8</b> - 82+ CRI	<b>35</b> - 3500K <b>40</b> - 4000K <b>50</b> - 5000K	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V Dimming	<b>Accessories</b> <b>FLK</b> - Flange Kit <b>SMK</b> - Surface Mount Kit <b>Controls</b> <b>MMS</b> - Step dimming microwave motion sensor <b>DMMSDL</b> - Step dimming microwave motion sensor and daylight harvesting <b>DL</b> - Integrated Daylight harvesting <b>SMC</b> - Smart Control System <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm)</b> , <b>EM1400 (1400lm)</b> , <b>EM2000 (2000lm)</b> <b>Assembly in USA</b> <b>BAA</b> - Assembly in USA

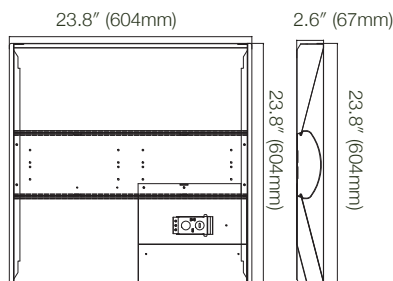
## LUMEN PACKAGES

ILT-CB-22	ILT-CB-24	ILT-CB-14
ILT-CB-22VL(18S2): 18W, 2250 lm ILT-CB-22L(25S2): 25W, 3125 lm ILT-CB-22H(35S2): 35W, 4410 lm	ILT-CB-24VL(25S2): 25W, 3175 lm ILT-CB-24L(34S2): 34W, 4284 lm ILT-CB-24L(45S2): 45W, 5625 lm ILT-CB-24H(55S2): 55W, 6875 lm ILT-CB-24VH(65S2): 65W, 8125 lm ILT-CB-24VH(64/56/46S2)/840: 64/56/46W, 8256/7224/5934 lm	ILT-CB-14H(35/25/18S2): 35/25/18W, 4375/3125/2250 lm

## DIMENSIONS

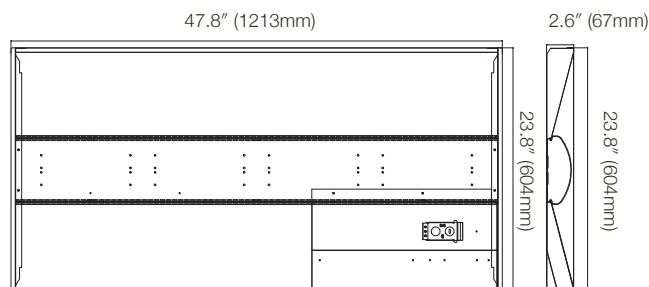
### ILT-CB-22

7.72 lbs.



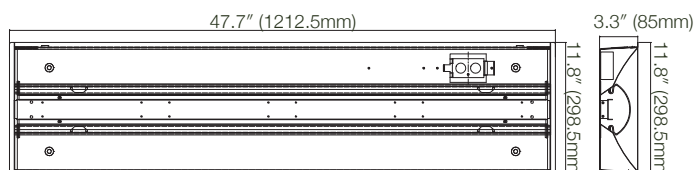
### ILT-CB-24

12.76 lbs.



### ILT-CB-14

9.92 lbs.



## SIMILAR PRODUCTS



**TSRF**  
Panels and Troffers

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**STL**  
Panels and Troffers

p.14



# BFPL

## Backlit LED Flat Panel

The Alphalite Backlit LED Flat Panel combines the benefits of long life, controllability, and energy savings with elegant design and superior quality of light. The BFPL luminaires optimize LED optics and electronics to deliver energy savings and high performance.

### Features

- High efficacy
- Continuous flicker free dimming
- Long life
- Smooth and comfortable light without glare

### Benefits

- Reduced maintenance costs
- Lower energy costs
- Provides a more productive space

### Application

Indoor general/ambient illumination. Idea for offices, schools, retail, and other architectural spaces that demand energy demand reduction and high quality light.



2' x 2'



2' x 4'



1' x 4'





## PRODUCT NUMBER BUILDER

Example: BFPL-24A/8A

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>BFPL</b>							
<b>BFPL</b> - Backlit LED Flat Panel	<b>22</b> - 2'x2' <b>24</b> - 2'x4' <b>14</b> - 1'x4'	<b>LA</b> - Low Lumen Adjustable Wattage <b>A</b> - Adjustable Wattage <b>HA</b> - High Lumen Adjustable Wattage *See energy data for details	<b>8</b> - 82+ CRI	<b>A</b> - Adjustable CCT	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V Continuous Dimming	<b>Accessories</b> <b>FLK</b> - Flange Kit for Drywall <b>SMK</b> - Surface Mount Kit <b>BFPL-SACC - Suspension Kit</b> <b>Controls</b> <b>12V-MMS</b> - Integrated 12V step dimming microwave motion sensor <b>SMC</b> - Smart Control System <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b> <b>Assembly in USA</b> <b>BAA</b> - Assembly in USA

## LUMEN PACKAGES

### BFPL-22

BFPL-22A/8A: 29/24/19/15W, 3625/3000/2375/1875 lm

### BFPL-24

BFPL-24LA: 29/24/19/15W, 3625/3000/2375/1875 lm  
 BFPL-24A/8A: 49/39/34/29W, 6125/4875/4250/3625 lm  
 BFPL-24HA/8A: 60/50/40/30W, 7500/6250/5000/3750 lm

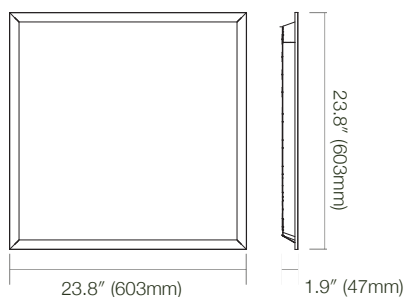
### BFPL-14

BFPL-14A/8A: 29/24/19/15W, 3625/3000/2375/1875 lm

## DIMENSIONS

### BFPL-22

5.51 lbs.



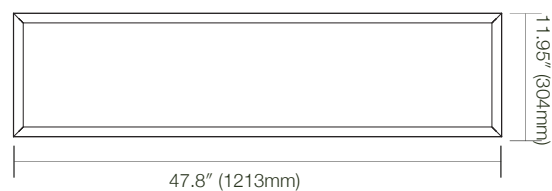
### BFPL-24

10.21 lbs.



### BFPL-14

5.51 lbs.



## SIMILAR PRODUCTS



**LTS**  
Panels and Troffers

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**STL**  
Panels and Troffers

p.14



**ILT-CB**  
Panels and Troffers

p.08



2' x 2'



2' x 4'



1' x 4'

# TSRF

## Transparent Vertical Fin Lens LED Troffer

The TSRF architectural LED Troffer series combines the benefits of long life, controllability, and energy savings with elegant design and superior quality of light. The TSRF luminaires optimize LED optics and electronics to deliver energy savings and high performance.

### Features

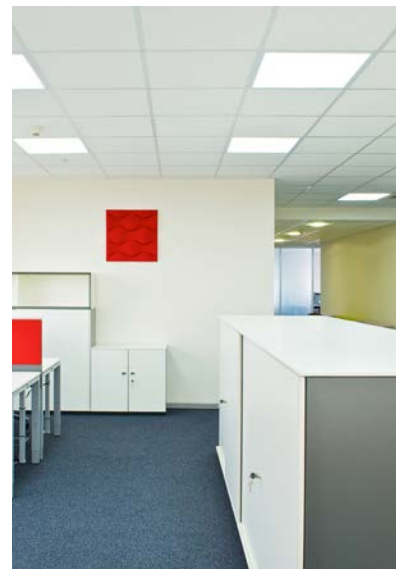
- High efficacy
- Continuous dimming
- Long life
- Smooth and comfortable light without glare
- Modular LED array & driver with room-side access

### Benefits

- Ideal use with sensors and advanced controls
- Reduced maintenance costs
- Lowers energy cost
- Volumetric lighting ensures occupant comfort
- Provides a more productive space
- Convenient access to standard components
- Reduces life cycle cost

### Application

Indoor general/ambient illumination. Ideal for offices, retail, and other spaces that demand energy reduction and high quality light.





## PRODUCT NUMBER BUILDER

Example: TSRF-24A/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>TSRF</b>							
<b>TSRF -</b> Transparent Vertical Fin Lens LED Troffer	<b>22</b> - 2'x2' <b>24</b> - 2'x4' <b>14</b> - 1'x4'	<b>A</b> - Adjustable Wattage *See energy data for details	<b>8</b> - 82+ CRI	<b>35</b> - 3500K <b>40</b> - 4000K <b>50</b> - 5000K	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V Continuous Dimming	<b>Accessories</b> <b>FLK</b> - Flange Kit for Drywall <b>CGA</b> - Color Guide Accent <b>Controls</b> <b>SMC</b> - Smart Control System <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b>

## LUMEN PACKAGES

### TSRF-22

TSRF-22A, 32/28/21W, 3520/3080/2310 lm

### TSRF-24

TSRF-24A, 64/50/35W, 7040/5500/3850 lm

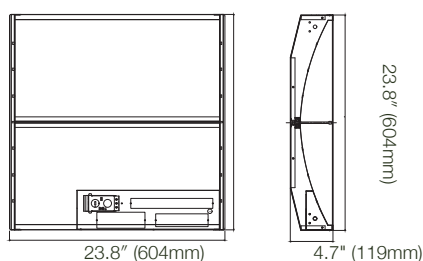
### TSRF-14

TSRF-14A, 32/28/21W, 3520/308/2310 lm

## DIMENSIONS

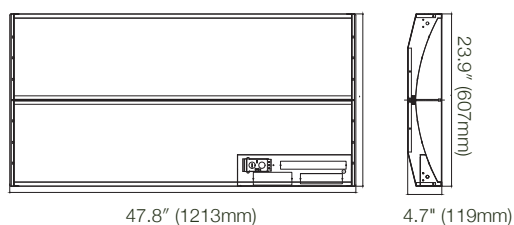
### TSRF-22

11.29 lbs.



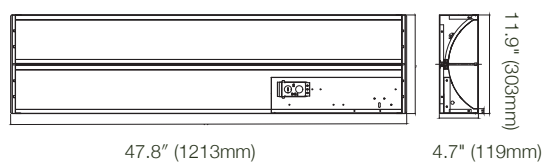
### TSRF-24

18.01 lbs.



### TSRF-14

14.33 lbs.



## SIMILAR PRODUCTS



**ILT-CB**  
Panels and Troffers

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**STL**  
Panels and Troffers

p.14



# STL

## Volumetric LED Troffer

The STL architectural LED Troffer series combines the benefits of long life, controllability, and energy savings with elegant design and superior quality of light. The STL luminaires optimize LED optics and electronics to deliver energy savings and high performance.

### Features

- High efficacy
- High performance
- Long life
- Consistent lighting
- Optimized LED optics

### Benefits

- Ideal use with sensors and advanced controls
- Reduced maintenance costs
- Lowers energy cost
- Volumetric lighting ensures occupant comfort
- Provides a more productive space
- Convenient access to standard components
- Reduces life cycle cost

### Application

Indoor general/ambient illumination. Ideal for offices, retail, and other spaces that demand energy reduction and high quality light.



2' x 2'



2' x 4'



## PRODUCT NUMBER BUILDER

Example: STL-24A/8A

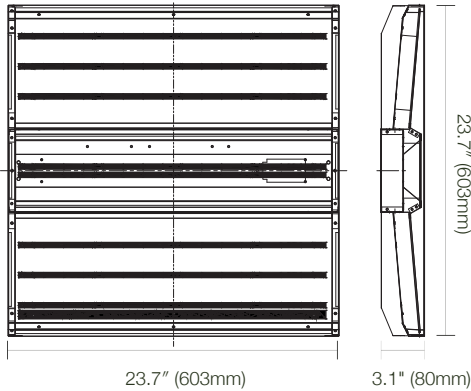
Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>STL</b>							
<b>STL -</b> Volumetric LED Troffer	<b>22</b> - 2'x2' <b>24</b> - 2'x4'	<b>A</b> - Adjustable Wattage  *See energy data for details	<b>8</b> - 82+ CRI	<b>A</b> - Adjustable Default 3500/4000/500K	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V Continuous Dimming	<b>Controls</b> <b>SMC</b> - Smart Control System <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm),EM2000 (2000lm)</b>

## LUMEN PACKAGES

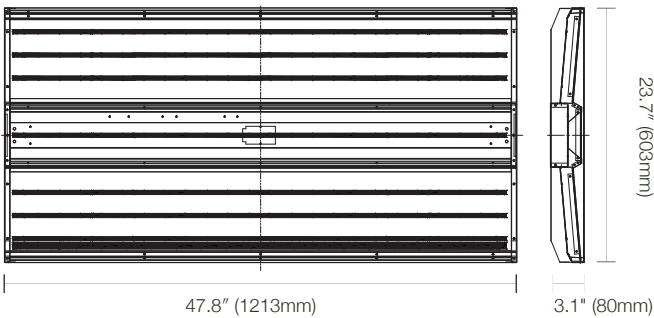
STL-22	STL-24
STL-22A/8A: 35/25/20W, 4375/3125/2500 +/- 5% lm	STL-24A/8A: 46/36/28W, 5750/4500/3500 +/- 5% lm

## DIMENSIONS

### STL-22



### STL-24



### SIMILAR PRODUCTS



**ILT-CB**  
Panels and Troffers **p. 08**



**BFPL**  
Panels and Troffers **p.10**



**TSRF**  
Panels and Troffers **p.12**





# LTS

## LED Prismatic Troffer

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The Prismatic LED Troffer series combines the benefits of long life, controllability, and energy savings with economic design and superior quality of light. The LTS luminaires optimize LED optics and electronics to deliver energy savings and high performance.

### Features

- High efficacy
- Continuous dimming
- Long life
- Smooth and comfortable lighting

### Benefits

- Reduced maintenance costs
- Lower energy costs
- Provides a more productive space

### Application

Indoor general/ambient illumination. Ideal for offices, retail, and other spaces that demand energy reduction and high quality light.



2' x 2'



2' x 4'



PRODUCT NUMBER BUILDER

Example: LTS-22H/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
LTS							
LTS - LED	22 - 2'x2'	L - Low Wattage	8 - 83+ CRI	35 - 3500K	(Blank) -	(Blank) -	<b>Controls</b> <b>MMS</b> - Step dimming microwave motion sensor <b>DMMSDL</b> - Step dimming microwave motion sensor and daylight harvesting <b>SMC</b> - Smart Control System <b>Emergency Backup</b> Require field installation <b>EM700 (700lm)</b> , <b>EM1400 (1400lm)</b> , <b>EM2000 (2000lm)</b>
Prismatic	24 - 2'x4'	H - High Lumen		40 - 4000K	120V-277V	0-10V	
Troffer		HB - High Bay		50 - 5000K	120V-347V	Dimming	
		*See energy data for details					

LUMEN PACKAGES

LTS-22

LTS-22H: 41W, 4818 lm \* DLC Standard

LTS-22L(34/24/18S2)8A: 34/24/18W, 4250/3000/2250 lm and CCT(50,40,35K) adjustable

LTS-22HB(90): 90W, 12060 lm

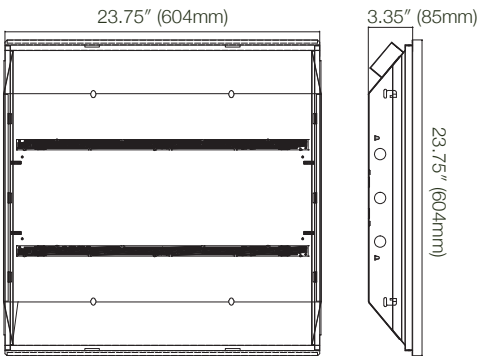
LTS-22HB(130): 130W, 16250 lm

LTS-24

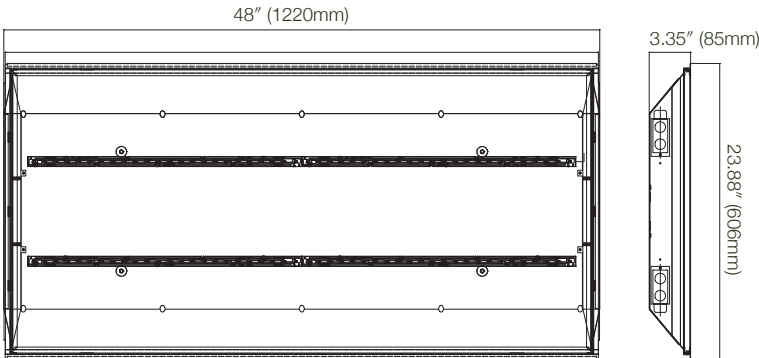
LTS-24L(48/34/26S2)/8A: 48/34/26W, 6000/4250/3250 lm and CCT(50,40,35K) adjustable

DIMENSIONS

LTS-22



LTS-24



SIMILAR PRODUCTS



**BFPL**  
Panels and Troffers

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**STL**  
Panels and Troffers

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**ILT-CB**  
Panels and Troffers

p.08



# Downlights

The Downlights series is an economical all-in-one solution for recessed down lighting for general lighting applications. Easy to install in new construction and retrofit projects. SJDL downlight has slim body that fits into shallow ceilings.





SJDL Series

20



LCDL Series

22





# SJDAL

## LED IC Rated J-Box Downlight

The Alphalite LED Downlight Series is an economical all-in-one solution for recessed down lighting in general lighting applications.

### Features

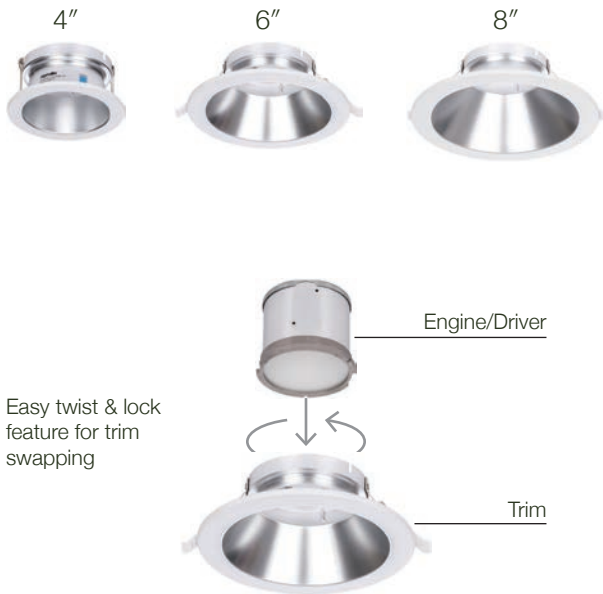
- Slim body design
- High efficacy
- Long life
- Smooth and comfortable lighting
- Easy access to standard components

### Benefits

- Easy to install in new and retrofit projects
- Fits into shallow ceilings
- Reduces maintenance cost
- Lowers energy cost
- Provides a more productive space

### Application

Indoor general/ambient illumination. Ideal for offices, retail, and other spaces that demand energy reduction and high quality light.



## PRODUCT NUMBER BUILDER

Example: SJDL-615-10V/835

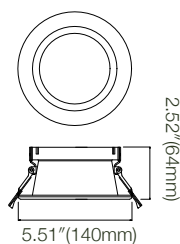
Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>SJDL</b>							
<b>SJDL - LED IC</b>	4 - 4" round trim	10 - 10W	8 - 80+ CRI	30 - 3000K	<b>(Blank)</b> - 100V-347V	<b>10V</b> - 0-10V	<b>Controls</b> <b>SMC</b> - Smart Control System <b>Emergency Backup</b> Require field installation <b>EM700(FHSCP)</b>
Rated J-Box	6 - 6" round trim	15 - 15W		35 - 3500K			
Downlight	8 - 8" round trim	20 - 20W		40 - 4000K			
	10 - 10" round trim	<b>(40/43/27)</b>		50 - 5000K			
	4-S - 4" square trim	- Adjustable		A - 3000K/4000K/5000K			
	6-S - 6" square trim	Wattage					
	4-RW - 4" wall wash round trim	40/34/27W					
	6-RW - 6" wall wash round trim	*see energy					
	4-SW - 4" wall wash square trim	data for					
	6-SW - 6" wall wash square trim	details					

## LUMEN PACKAGES

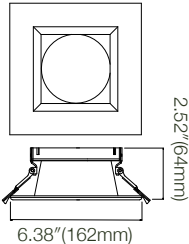
SJDL-4	SJDL-6	SJDL-8	SJDL-10
SJDL-415-10V/835&40: 15W, 1275 lm SJDL-415-10V/8A: 15W, 1275 lm and CCT (50,40,30K) adjustable SJDL-420-10V/840: 20W, 1760 lm SJDL-420-10V/8A: 20W, 1760 lm and CCT (50,40,30K) adjustable SJDL-4(40/43/27): 40/34/27W, 3600/3230/2700 lm	SJDL-615-10V/835&40: 15W, 1275 lm SJDL-615-10V/8A: 15W, 1275 lm and CCT (50,40,30K) adjustable SJDL-620-10V/840: 20W, 1760 lm SJDL-620-10V/8A: 20W, 1760 lm and CCT (50,40,30K) adjustable SJDL-6(40/43/27): 40/34/27W, 3600/3230/2700 lm	SJDL-815-10V/835&40: 15W, 1275 lm SJDL-815-10V/8A: 15W, 1275 lm and CCT (50,40,30K) adjustable SJDL-820-10V/840: 20W, 1760 lm SJDL-820-10V/8A: 20W, 1760 lm and CCT (50,40,30K) adjustable SJDL-8(40/43/27): 40/34/27W, 3600/3230/2700 lm	SJDL-1015-10V/835&40: 15W, 1275 lm SJDL-1015-10V/8A: 15W, 1275 lm and CCT (50,40,30K) adjustable SJDL-1020-10V/840: 20W, 1760 lm SJDL-1020-10V/8A: 20W, 1760 lm and CCT (50,40,30K) adjustable SJDL-10(40/43/27): 40/34/27W, 3600/3230/2700 lm

## DIMENSIONS

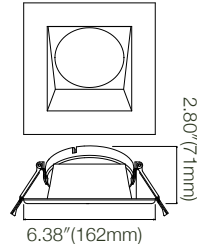
**SJDL-4**



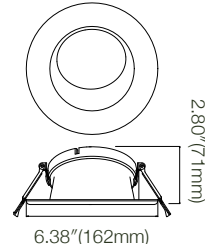
**SJDL-4-S**



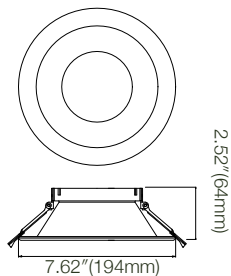
**SJDL-4-SW**



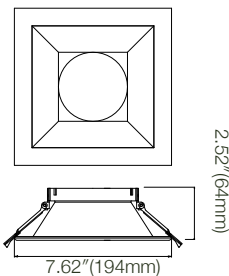
**SJDL-4-RW**



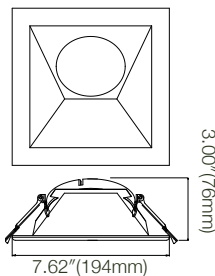
**SJDL-6**



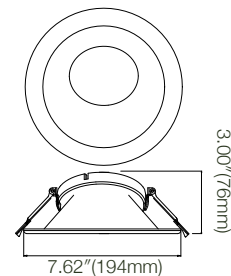
**SJDL-6-S**



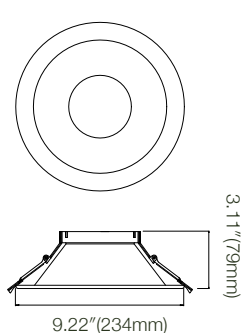
**SJDL-6-SW**



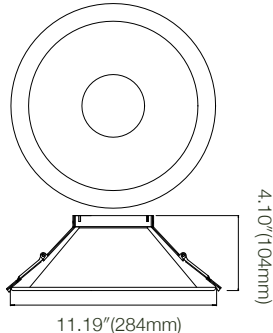
**SJDL-6-RW**



**SJDL-8**



**SJDL-10**



### SIMILAR PRODUCTS



**LCDL**  
Downlights

p.22





# LCDL

## LED Commercial Downlight Series

The LCDL Series LED Commercial Downlight is an economical all-in-one solution for recessed down lighting for commercial lighting applications. Easy to install in new construction and replaces most manufacturers incandescent CFL or HID fixtures.

### Features

- Slim body design
- High efficacy lighting
- Dimming capable
- Smooth and comfortable lighting
- Easy access to standard components

### Benefits

- Easy to install in new and retrofit projects
- Fits into shallow ceilings
- Reduces maintenance cost
- Lowers energy cost
- Provides a more productive space

### Application

Ideal for offices, hotels, retails, and other architectural spaces that demand energy demand reduction and high quality light.



# PRODUCT NUMBER BUILDER

Example: LCDL-627-10V/840

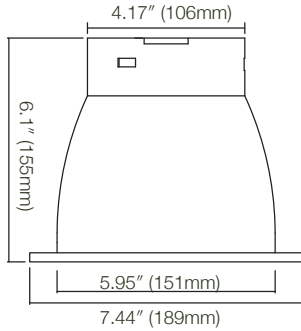
Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>LCDL</b>							
<b>LCDL - LED</b>	<b>6</b> - 6" Trim	<b>27</b> - 27W	<b>8</b> - 80+ CRI	<b>30</b> - 3500K	<b>(Blank)</b> -	<b>10V</b> -	<b>Accessories</b>
<b>Commercial</b>	<b>8</b> - 8" Trim	<b>40</b> - 40W		<b>40</b> - 4000K	<b>100V-277V</b>	<b>0-10V</b>	<b>H6</b> - 6" Bracket
<b>Downlight</b>	<b>10</b> - 10" Trim	<b>(40/27/18)</b> - Adjustable Wattage 40/27/18W <b>(80/65/50)</b> - Adjustable Wattage 80/65/50W *See energy data for details		<b>A</b> - 3000K/4000K/5000K			<b>H8</b> - 8" Bracket <b>H10</b> - 10" Bracket <b>Controls</b> <b>SMC</b> - Smart Control System <b>Emergency Backup</b> Require field installation <b>EM700(FHSCP)</b>

## LUMEN PACKAGES

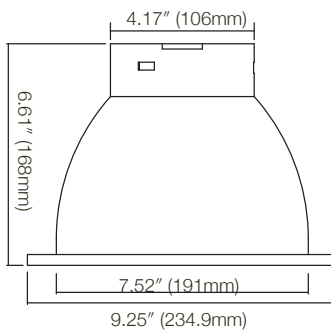
LCDL-6	LCDL-8	LCDL-10
LCDL-627-10V: 27W, 2349 lm	LCDL-827-10V: 27W, 2349 lm	LCDL-1027-10V: 27W, 2349 lm
LCDL-640-10V: 40W, 3360 lm	LCDL-840-10V: 40W, 3360 lm	LCDL-1040-10V: 40W, 3360 lm
LCDL-654-10V: 54W, 4266 lm	LCDL-840-10V: 54W, 4266 lm	LCDL-1040-10V: 54W, 4266 lm
LCDL-6(40/27/18): 40/27/18W, 3800/2565/1710 lm	LCDL-8(40/27/18): 40/27/18W, 3800/2565/1710 lm	LCDL-10(40/27/18): 40/27/18W, 3800/2565/1710 lm
LCDL-6(80/65/50): 80/65/50W, 6400/5200/4000 lm	LCDL-8(80/65/50): 80/65/50W, 6400/5200/4000 lm	LCDL-10(80/65/50): 80/65/50W, 6400/5200/4000 lm

## DIMENSIONS

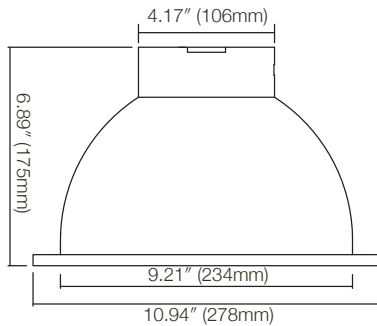
LCDL-6



LCDL-8



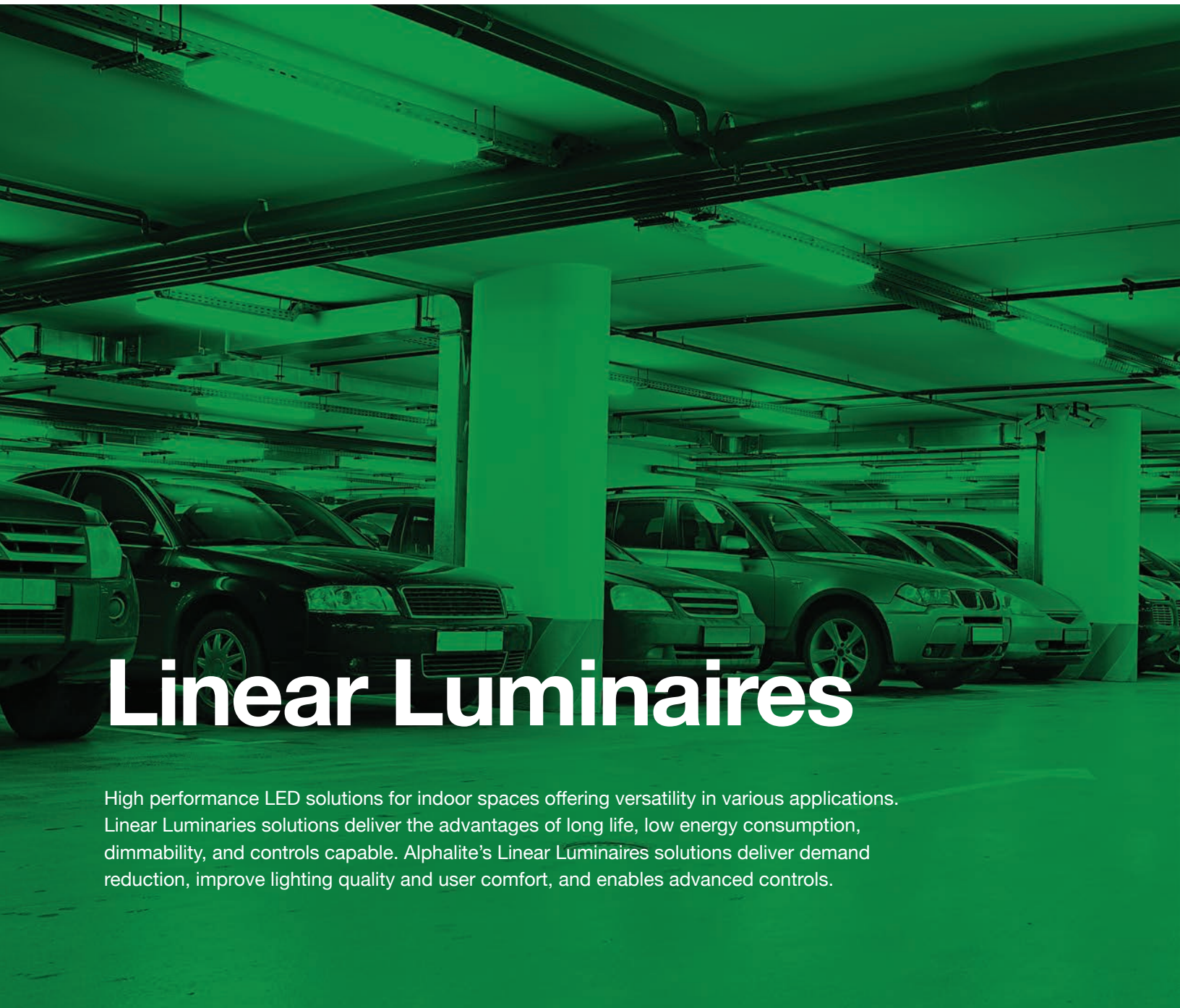
LCDL-10



SIMILAR PRODUCTS

**SJDL**  
Downlights

**p.20**



# Linear Luminaires

High performance LED solutions for indoor spaces offering versatility in various applications. Linear Luminaires solutions deliver the advantages of long life, low energy consumption, dimmability, and controls capable. Alphalite's Linear Luminaires solutions deliver demand reduction, improve lighting quality and user comfort, and enables advanced controls.





CBW Series

26



LBW Series

28



ILA Series

30



ILL Series

32



LVT

34



# CBW

## LED Curved-Basket Linear Wrap Luminaire

The Alphalite CBW Series provides high performance light levels for commercial, industrial, retail and residential applications.

### Features

- Low profile design
- High efficacy
- Long life
- Smooth and comfortable light without glare

### Benefits

- Easy handling and storage
- Reduces maintenance cost
- Lowers energy cost
- High quality light for a more productive space
- Easy access to standard components

### Application

Ideal for corridors, hallways, stairwells, storage rooms and spaces that demand high quality lighting.



4'



## PRODUCT NUMBER BUILDER

Example: CBW-4L(40S2)/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>CBW</b>							
<b>CBW</b> - LED Curved Basket Linear Wrap Luminaire	<b>4</b> - 4'	<b>VL</b> - Very Low Wattage <b>L</b> - Low Wattage <b>H</b> - High Lumen <b>VH</b> - Very High Lumen *See energy data for details	<b>8</b> - 82+ CRI	<b>35</b> - 3500K <b>40</b> - 4000K <b>50</b> - 5000K	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V Continuous Dimming	<b>Controls</b> <b>PIR</b> - On/off PIR High Bay motion sensor <b>PIRD</b> - On/off PIR High Bay motion and daylight sensor <b>MMS</b> - Step dimming microwave motion sensor <b>DMMSDL</b> - Step dimming microwave motion sensor and daylight harvesting <b>DL</b> - Integrated Daylight harvesting <b>SMC</b> - Smart Control System <b>OS</b> - Step dimming PIR motion sensor and daylight sensor(Requires OS-618-RC101 Sensor Configuration Tool. Not included.). <b>FCJS0</b> - Lutron Vive Attached fixture control <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b> <b>Assembly in USA</b> <b>BAA</b> - Assembly in USA

## LUMEN PACKAGES

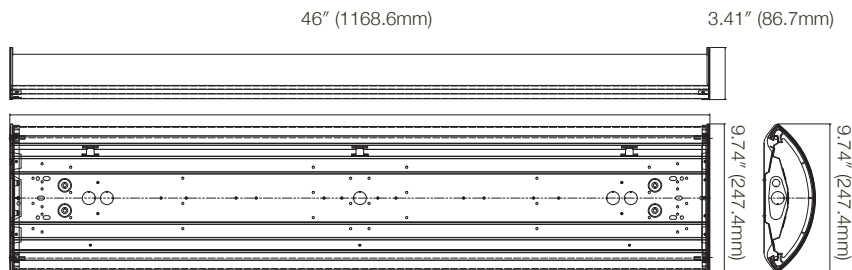
### CBW-4

CBW-4VL(22S2): 22W, 2970 lm  
 CBW-4L(40S2): 40W, 5200 lm  
 CBW-4L(40/34/28S2): 40/34/28W, 5200/4420/3640 lm \* Factory setting at highest lumen package  
 CBW-4H(46S2): 46W, 5980 lm  
 CBW-4VH(54S2): 54W, 7020 lm

## DIMENSIONS

### CBW-4

9.48 lbs.



## SIMILAR PRODUCTS



**LBW**  
Linear Luminaire

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**ILL**  
Linear Luminaire

p.34



**ILA**  
Linear Luminaire

p.30



# LBW

## LED Utility Wrap Luminaire

The Alphalite LBW series provides high performance light levels for commercial, industrial, retail and residential applications.

### Features

- Low profile design
- Utilizes existing luminaire body
- High efficacy
- Dimming capable
- Long life
- Smooth and comfortable light without glare
- Easy access to standard components

### Benefits

- Quick and convenient installation
- Easy handling and storage
- Lowers installation cost
- Reduces maintenance cost
- Lowers energy cost
- No disposal costs of previous luminaire
- Ideal for use with sensors and advanced controls
- Provides a more productive space

### Application

Ideal for corridors, hallways, stairwells, storage rooms and spaces that demand high quality lighting.





## PRODUCT NUMBER BUILDER

Example: LBW-4L(40S)/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>LBW</b>							
<b>LBW</b> - LED Utility Wrap Luminaire	<b>2</b> - 2' <b>4</b> - 4'	<b>VL</b> - Very Low Wattage <b>L</b> - Low Wattage *See energy data for details	<b>8</b> - 80+ CRI	<b>35</b> - 3500K <b>40</b> - 4000K <b>50</b> - 5000K	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V Continuous Dimming	<b>Accessories</b> <b>ACC</b> - 1/16 Air Craft Cable 120" toggle kit(set of 2) <b>Controls</b> <b>PIR</b> - On/off PIR High Bay motion sensor <b>PIRD</b> - On/off PIR High Bay motion and daylight sensor <b>MMS</b> - Step dimming microwave motion sensor <b>DMMSDL</b> - Step dimming microwave motion sensor and daylight harvesting <b>DL</b> - Integrated Daylight harvesting <b>SMC</b> - Smart Control System <b>OS</b> - Step dimming PIR motion sensor and daylight sensor(Requires OS-618-RC101 Sensor Configuration Tool. Not included.). <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b> <b>Assembly in USA</b> <b>BAA</b> - Assembly in USA

## LUMEN PACKAGES

### LBW-2

LBW-2L(25S2): 25W, 3250lm

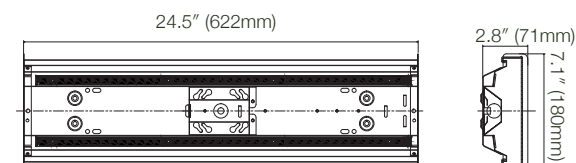
### LBW-4

LBW-4VL(22S2): 22W, 2970 lm

LBW-4L(40S2): 40W, 5200 lm

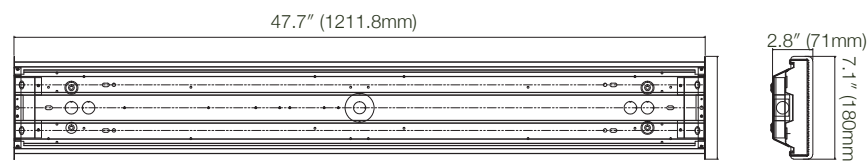
## DIMENSIONS

### LBW-2



### LBW-4

10.80 lbs.



## SIMILAR PRODUCTS



**CBW**  
Linear Luminaire

p.26



**ILL**  
Linear Luminaire

p.34



**ILA**  
Retrofit Kits

p.30



# ILA

## Architecture LED Linear - Direct and Direct & Indirect

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The ILA Series can be the illumination solution in commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility areas, coves, display cases, shops, task and general area lighting.

### Features

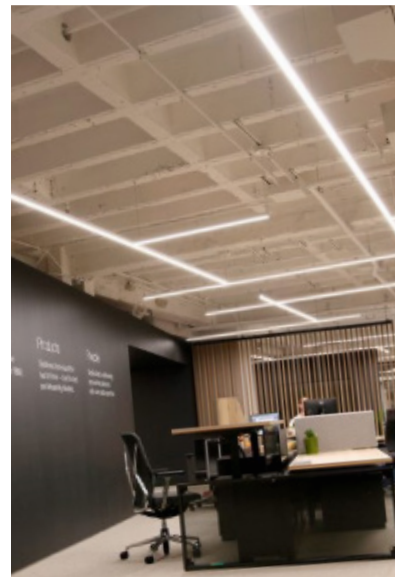
- High efficacy
- Dimming capable
- Long life
- Smooth and comfortable light without glare
- Easy access to standard components

### Benefits

- Lower installation costs and maintenance costs
- Lower energy costs
- High quality light for a more productive space
- Multiple mounting options
- Convenient access to replaceable, standard components reduces life cycle costs

### Application

Ideal for parking garages, corridors, hallways, stairwells, of offices, closets, storage rooms, and spaces that demand energy demand reduction and high quality light.



## PRODUCT NUMBER BUILDER

Example: ILA-2DB(20)-8AK-WH

Series	Size	Light Distribution	CRI	CCT	Input Voltage	Optics	Options
<b>ILA</b>							
<b>ILA -</b>	<b>2 - 2'</b>	<b>DB(*)</b> - Direct	<b>8</b> - 80+ CRI	<b>AK</b> - Adjustable	<b>(Blank)</b> -	<b>(Blank)</b>	<b>House Finish</b>
Architecture	<b>4 - 4'</b>	<b>*20</b> - 2ft in 20 W	<b>9</b> - 90+ CRI	CCT	120V-347V	-Diffuser	<b>WH</b> - White(130LPW)
LED Linear	<b>6 - 6'</b>	<b>40</b> - 4ft in 40 W		(4000/3500/3000k)		<b>D</b> -	<b>BK</b> - Black(117LPW)
	<b>8 - 8'</b>	<b>50</b> - 6ft in 50 W				Diffuser	<b>SA</b> - Silver(123.5LPW)
		<b>70</b> - 8ft in 70 W				<b>P</b> -	<b>Accessories/Controls</b>
						Parabolic	<b>ZCN-ILA-xFT</b> - Fixture End Connector Kit, x=ft
						(UGE<16)	<b>CRD7-(WH/BK)</b> - 7ft 18AWG 600V 5 wires AC cable in
							(white or black) color
							<b>MMS-12V</b> - Step dimming microwave motion sensor
							<b>Mounting</b>
							<b>ILA-ACC</b> - Suspension 6.5ft Air Craft Kit
							<b>PSCA-(WH/BK)</b> - Surface Canopy with AC cable K/O,
							(white or black) color + 6.5ft Aircraft cable
							<b>SCA-(WH/BK)</b> - Surface Canopy, (white or black) color +
							6.5ft Aircraft cable
							<b>WM-xFT</b> - Wall Mount Kit
							<b>SM-xFT</b> - Surface Mount Kit
							<b>CR</b> - Spring Clip Recessed Mount Kit
							<b>TR</b> - T-Grid Recessed Mount Kit
							<b>Connector Options</b>
							<b>ILA-LDB(20)</b> - L-Connector
							<b>ILA-TDB(30)</b> - T-Connector
							<b>ILA-XDB(40)</b> - X-Connector
							<b>Emergency Backup</b>
							Lumen will maintain over the 90-minute duration
							<b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b>

Example: ILA-2DIDB(30)-8AK-WH

Series	Size	Light Distribution	CRI	CCT	Input Voltage	Optics	Options
<b>ILA</b>							
<b>ILA -</b>	<b>2 - 2'</b>	<b>DIDB(*)</b> - Direct	<b>8</b> - 80+ CRI	<b>AK</b> - Adjustable	<b>(Blank)</b> -	<b>(Blank)</b>	<b>House Finish</b>
Architecture	<b>4 - 4'</b>	& Indirect	<b>9</b> - 90+ CRI	CCT	120V-347V	-Diffuser	<b>WH</b> - White(130LPW)
LED Linear	<b>6 - 6'</b>	<b>*30</b> - 2ft in 20		(4000/3500/3000k)		<b>D</b> -	<b>BK</b> - Black(117LPW)
	<b>8 - 8'</b>	W Direct & 10W				Diffuser	<b>SA</b> - Silver(123.5LPW)
		Indirect				<b>P</b> -	<b>Accessories/Controls</b>
		<b>50</b> - 4ft in 35 W				Parabolic	<b>ZCN-ILA-xFT</b> - Fixture End Connector Kit, x=ft
		Direct & 15W				(UGE<16)	<b>CRD7-(WH/BK)</b> - 7ft 18AWG 600V 5 wires AC cable in
		Indirect					(white or black) color
		<b>80</b> - 6ft in 50 W					<b>MMS-12V</b> - Step dimming microwave motion sensor
		Direct & 30W					<b>Mounting</b>
		Indirect					<b>ILA-ACC</b> - Suspension 6.5ft Air Craft Kit
		<b>100</b> - 8ft in 70					<b>PSCA-(WH/BK)</b> - Surface Canopy with AC cable K/O,
		W Direct & 30W					(white or black) color + 6.5ft Aircraft cable
		Indirect					<b>SCA-(WH/BK)</b> - Surface Canopy, (white or black) color +
							6.5ft Aircraft cable
							<b>WM-xFT</b> - Wall Mount Kit
							<b>Connector Options</b>
							<b>ILA-LDIDC(30)</b> - L-Connector
							<b>ILA-TDIDC(40)</b> - T-Connector
							<b>ILA-XDIDC(50)</b> - X-Connector
							<b>Emergency Backup</b>
							Lumen will maintain over the 90-minute duration
							<b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b>

## LUMEN PACKAGES

### ILA-2

ILA-2DB(20)-8AK: 20W, 2470-2600 lm and CCT(40,35,30K) adjustable

ILA-2DIDB(20)-8AK: 20W direct & 10W indirect, 115LPW and CCT(40,35,30K) adjustable

### ILA-4

ILA-4DB(40)-8AK: 40W, 4940-5200 lm and CCT(40,35,30K) adjustable

ILA-4DIDB(50)-8AK: 35W direct & 15W indirect, 115LPW and CCT(40,35,30K) adjustable

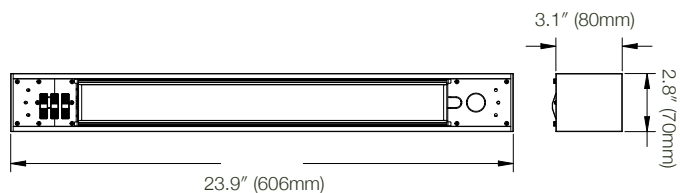
### ILA-8

ILA-8DB(70)-8AK: 70W, 8645-9100 lm and CCT(40,35,30K) adjustable

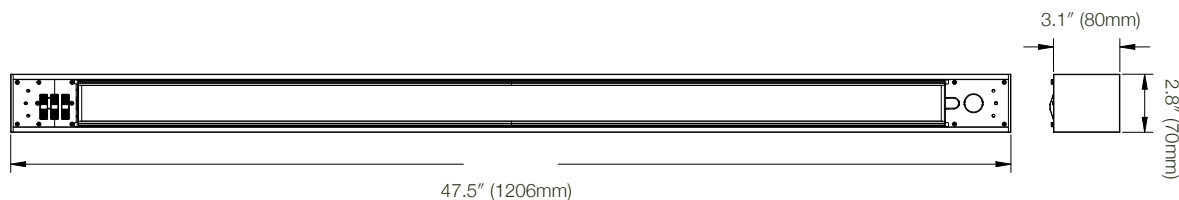
ILA-8DIDB(100)-8AK: 70W direct & 30W indirect, 115LPW and CCT(40,35,30K) adjustable

## DIMENSIONS

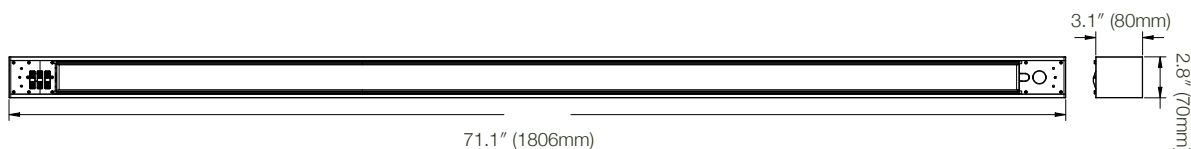
### ILA-2



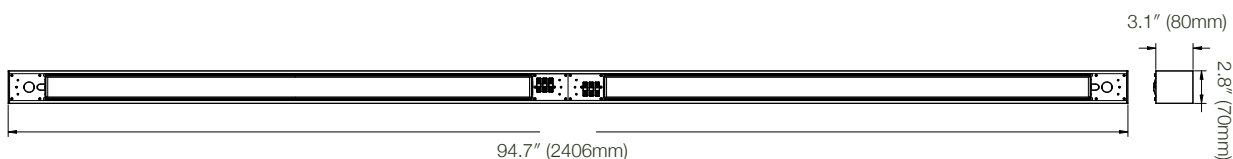
### ILA-4



### ILA-6



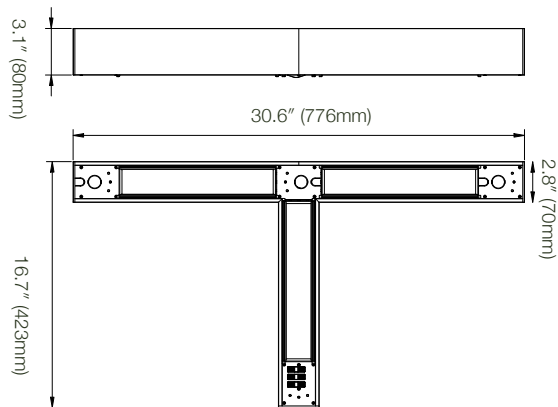
### ILA-8



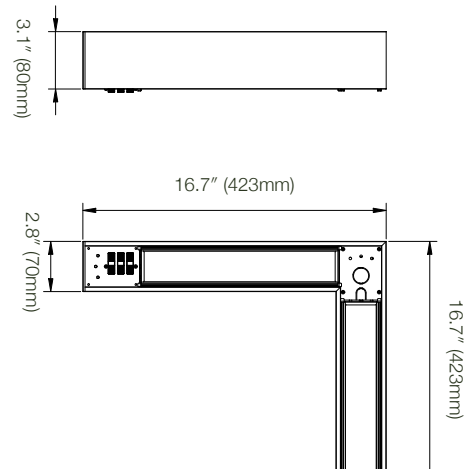


## DIMENSIONS

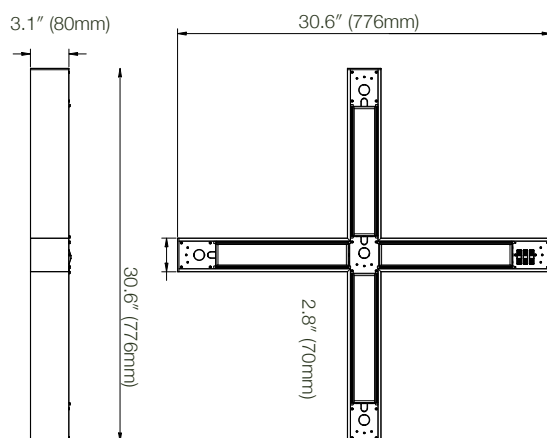
### ILA-T



### ILA-L



### ILA-X



## SIMILAR PRODUCTS



**LVT**  
Linear Luminaire

**p.36**



**ILL**  
Linear Luminaire

**p.34**



**CBW**  
Linear Luminaire

**p.26**



## Linear LED Strip

The Alphalite ILL series combines the benefits of long life, controllability, and energy savings with elegant design and superior quality of light.

### Features

- Utilizes existing luminaire body
- Quick and convenient installation
- High efficacy
- Dimming capable
- Long life
- Smooth and comfortable light without glare

### Benefits

- Lower installation costs
- No disposal costs of previous luminaire
- Ideal for use with sensors and advanced controls
- Reduces maintenance cost
- Lowers energy cost
- Provides a more productive space
- Easy access to standard components

### Application

Ideal for parking garages, corridors, hallways, stairwells, offices, closets, storage rooms, warehouse, manufacturing facilities, and spaces that demand high quality lighting and energy reduction.



2'



4'



8'



## PRODUCT NUMBER BUILDER

Example: ILL-8H(65S)/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>ILL</b>							
<b>ILL</b> - Linear LED Strip	<b>2</b> - 2' <b>4</b> - 4' <b>8</b> - 8'	<b>VL</b> - Very Low Wattage <b>L</b> - Low Wattage <b>H</b> - High Wattage <b>VH</b> - Very High Lumen *See energy data for details	<b>8</b> - 82+ CRI	<b>35</b> - 3500K <b>40</b> - 4000K <b>50</b> - 5000K <b>A</b> - Adjustable CCT (5000/4000/3500K)	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V Continuous Dimming	<b>Controls</b> <b>PIR</b> - On/off PIR High Bay motion sensor <b>PIRD</b> - On/off PIR High Bay motion sensor and daylight sensor <b>MMS</b> - Step dimming microwave motion sensor <b>DL</b> - Integrated Daylight harvesting <b>SMC</b> - Smart Control System <b>OS</b> - Step dimming PIR motion sensor and daylight sensor(Requires OS-618-RC101 Sensor Configuration Tool. Not included.). <b>ACC</b> - Aircraft Cable Suspension Kit

### Emergency Backup

Lumen will maintain over the 90-minute duration

**EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)**

## LUMEN PACKAGES

### ILL-2

ILL-2L(20S): 20W, 2600 lm

### ILL-4

ILL-4H(35/25/18S2): 35/25/18W, 4585/3250/2358 lm

\*Factory setting at highest lumen package

ILL-4VH(64/56/46S2): 64/56/46W, 8000/7000/5750 lm

\*Factory setting at highest lumen package

### ILL-8

ILL-8L(54/46/38S2): 54/46/38W, 7236/5980/4940 lm

\*Factory setting at highest lumen package

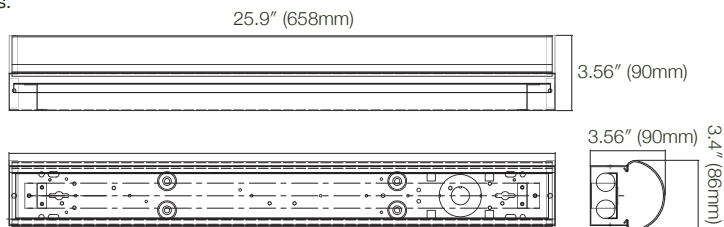
ILL-8H(90/75/65S2): 90/75/65W, 11790/9750/8580 lm

\*Factory setting at highest lumen package

## DIMENSIONS

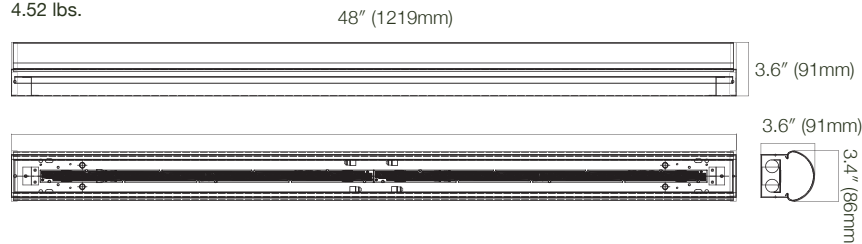
### ILL-2

2.91 lbs.



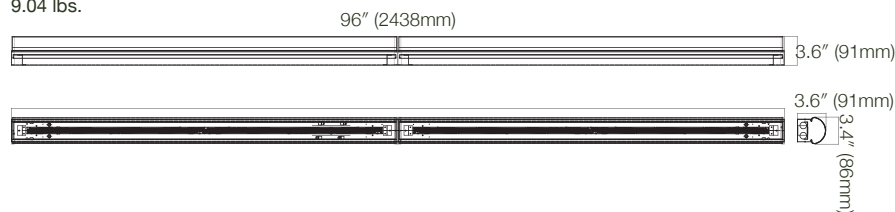
### ILL-4

4.52 lbs.



### ILL-8

9.04 lbs.



## SIMILAR PRODUCTS



**ILA**  
Linear Luminaire

p.30



**CBW**  
Linear Luminaire

p.26



**RXL**  
Retrofit Kits

p.42



# LVT

## LED Vapor Tight

The Alphalite LVT series is a modern and versatile integrated LED solution that delivers long life and energy savings within a low profile design. The rugged housing and dedicated LED design offers advanced thermal management and protection against outdoor and semi-outdoor environments.

### Features

- Solid state LED system
- Vandal-resistant construction
- No start-up delay
- Wet location rated
- Slim-profile design
- Dedicated LED for advanced heat management

### Benefits

- Reduced maintenance and energy costs
- Highly controllable and dimmable
- Supports demand reduction goals
- Light-weight and easy to transport
- Long life reduces service needs

### Application

Ideal for parking garage, canopy, car wash, cold storage, transportation, exterior retail and other environments where moisture or dust is present.





## PRODUCT NUMBER BUILDER

Example: LVT-4L(45S)/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>LVT</b>							
<b>LVT</b> - LED Vapor Tight	<b>2</b> - 2' <b>4</b> - 4' <b>8</b> - 8'	<b>VL</b> - Very Low Wattage <b>L</b> - Low Wattage <b>H</b> - High Wattage <b>VH</b> - Very High Lumen *See energy data for details	<b>8</b> - 82+ CRI	<b>35</b> - 3500K <b>40</b> - 4000K <b>50</b> - 5000K <b>A</b> - Adjustable CCT	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V	<b>Accessories</b> <b>TP</b> - Tamper Proof <b>ACC</b> - Aircraft Cable Suspension Kit <b>PMK</b> - Pendant Mounting Kit  <b>WG</b> - Wire guard( Required field installation <b>Controls</b> <b>MMS</b> - Step dimming microwave motion sensor <b>LP(H/M/L)-INT</b> - Limelight by Lutron Radio Module PCB and PIR Sensor Assembly(High/Medium/Low mounting height) <b>LRF-INT</b> - Limelight by Lutron Radio Module PCB Assembly <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b>

## LUMEN PACKAGES

### LVT-2

LVT-2L(25/20/15S2)/8A: 25/20/15W, 3250/2600/1950 lm  
\*Factory setting at highest lumen and CCT package

### LVT-4

LVT-4VL(25S2): 25W, 3250 lm  
LVT-4VH(64/56/46S2): 64/56/46W, 8320/7280/5980 lm  
\*Factory setting at highest lumen and CCT package

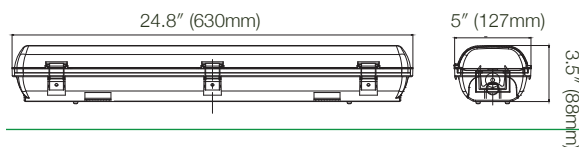
### LVT-8

LVT-8L(54/46/38S2): 54/46/38W, 7074/6026/4978 lm  
LVT-8H(90/75/65S): 90/75/65W, 11790/9825/8515 lm  
\*Factory setting at highest lumen and CCT package

## DIMENSIONS

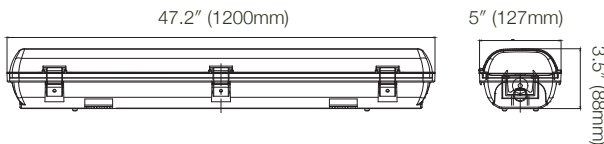
### LVT-2

3.09 lbs.



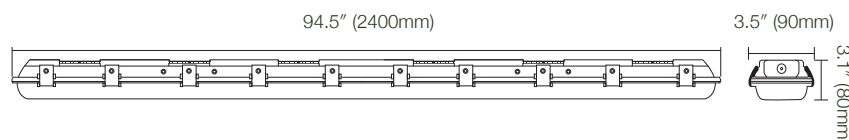
### LVT-4

5.95 lbs.



### LVT-8

7.72 lbs.



## SIMILAR PRODUCTS



**ILA**  
Linear Luminaire

p.30



**ILL**  
Linear Luminaire

p.34



**LBW**  
Linear Luminaire

p.26



# Retrofit Kits

Making the upgrade to LED quick and convenient, the Alphasite Retrofit Kits utilize existing fixture housing while changing the light source to highly efficacious and long life integral LED systems. Fully dimmable and controllable, these upgrade solutions can be integrated into intelligent lighting control systems. Facilities can adopt LED, optimize ROI, and achieve energy savings goals.



IRT Series

40



RXL Series

42



TRM Series

44



# IRT

## Infinity Volumetric LED Troffer Retrofit Kit

The Alphalite IRT series combines the benefits of long life, controllability, and energy savings with elegant design and superior quality of light.

### Features

- Utilizes existing luminaire body
- High efficacy
- Continuous dimming
- Long life
- Smooth and comfortable light without glare

### Benefits

- Quick and easy to install
- Lowers installation cost
- Lowers energy cost
- Reduces maintenance cost
- No disposal costs of previous luminaire
- Ideal for use with sensors and advanced controls
- Volumetric lighting ensures occupant comfort
- Provides a more productive space
- Easy access to standard components

### Application

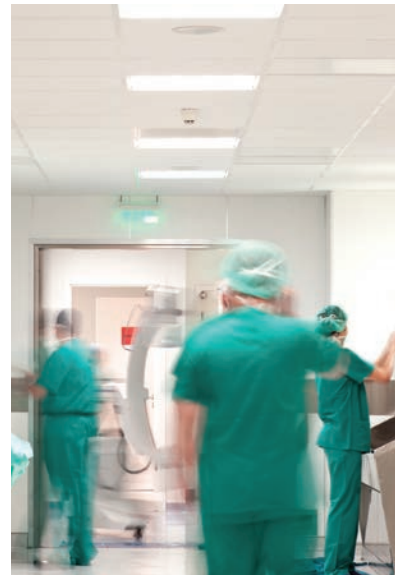
Ideal for offices, retail, and other architectural spaces that demand energy reduction and high quality lighting.



2' x 2'



2' x 4'





## PRODUCT NUMBER BUILDER

Example: IRT-24L(30S2)/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>IRT</b>							
<b>IRT -</b>	<b>22</b> - 2'x2'	<b>VL</b> - Very Low	<b>8</b> - 82+ CRI	<b>35</b> - 3500K	<b>(Blank)</b> -	<b>(Blank)</b> -	<b>Controls</b>
Infinity	<b>24</b> - 2'x4'	Wattage		<b>40</b> - 4000K	120V-277V	0-10V	<b>MMS</b> - Step dimming microwave motion sensor
Volumetric LED	<b>14</b> - 1'x4'	<b>L</b> - Low		<b>50</b> - 5000K			<b>DMMSDL</b> - Step dimming microwave motion sensor and daylight harvesting
Troffer Retrofit Kit		Wattage					<b>DL</b> - Integrated Daylight harvesting
		<b>H</b> - High					<b>SMC</b> - Smart Control System
		Wattage					<b>Emergency Backup</b>
		*See energy data for details					Lumen will maintain over the 90-minute duration
							<b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b>
							<b>Assembly in USA</b>
							<b>BAA</b> - Assembly in USA

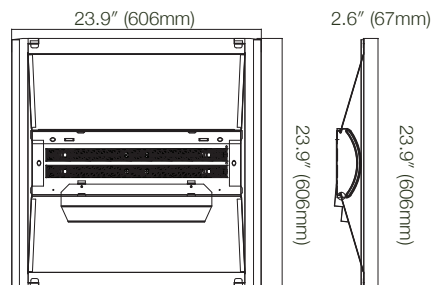
## LUMEN PACKAGES

IRT-22	IRT-24	IRT-14
IRT-22L(23S): 23W, 3000 lm	IRT-24VL(23S): 23W, 3036 lm	IRT-14L(23S): 23W, 3000 lm
IRT-22H(33S): 33W, 4323 lm	IRT-24L(30S2): 30W, 4560 lm, *151+LPW	IRT-14H(33S): 33W, 4323 lm
	IRT-24L(36S): 36W, 4680 lm	
	IRT-24H(44): 44W, 5330 lm	
	IRT-24VH(62S): 62W, 8060 lm	

## DIMENSIONS

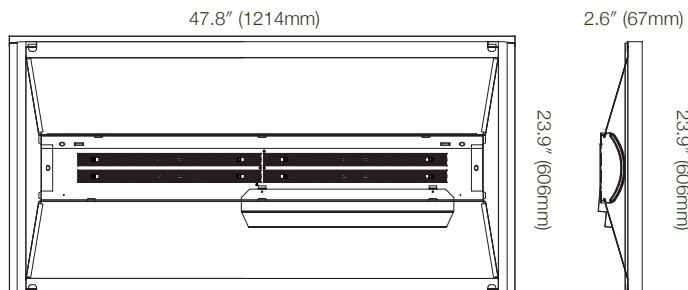
### IRT-22

7.72 lbs.



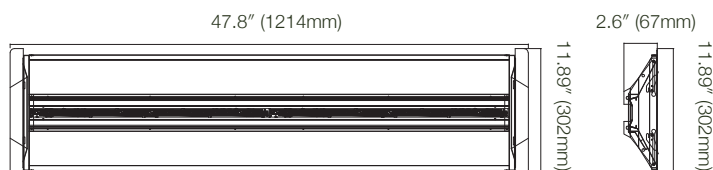
### IRT-24

13.14 lbs.



### IRT-14

9.04 lbs.



## SIMILAR PRODUCTS



**ILT-CB**  
Panels and Troffers

p.98



**BFPL**  
Panels and Troffers

p.10



# RXL

## LED Linear Retrofit Kit

The Alphalite RXL series combines the benefits of long life, controllability, and energy savings with elegant design and superior quality of light.

### Features

- Utilizes existing luminaire body
- High efficacy LED
- Dimming capable
- Long life
- Smooth and comfortable light without glare

### Benefits

- Quick and easy to install
- Lowers installation cost
- Lowers energy cost
- Reduces maintenance cost
- No disposal costs of previous luminaire
- Ideal for use with sensors and advanced controls
- Volumetric lighting ensures occupant comfort
- Provides a more productive space
- Easy access to standard components

### Application

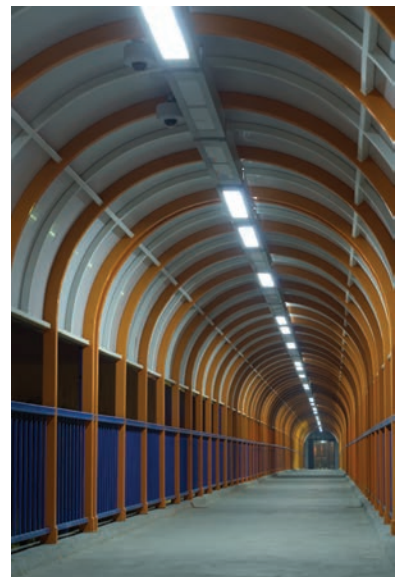
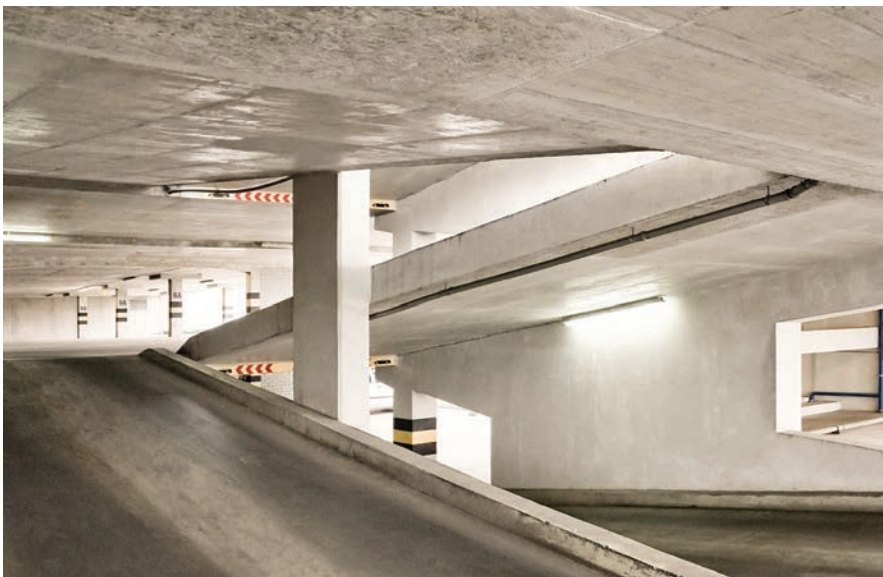
Ideal for parking garages, corridors, hallways, stairwells, offices, closets, storage rooms, warehouse, manufacturing facilities, and spaces that demand high quality lighting and energy reduction.



4'



8'  
(Two 4')



## PRODUCT NUMBER BUILDER

Example: RXL-8H(54S)/840

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>RXL</b>							
<b>RXL</b> - LED Linear Retrofit Kit	<b>4</b> - 4' <b>8</b> - 8'	<b>VL</b> - Very Low Wattage <b>L</b> - Low Wattage <b>H</b> - High Wattage <b>VH</b> - Very High Lumen *See energy data for details	<b>8</b> - 82+ CRI	<b>35</b> - 3500K <b>40</b> - 4000K <b>50</b> - 5000K <b>A</b> - Adjustable CCT (5000/4000/3500k)	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 0-10V Continuous dimming	<b>Controls</b> <b>MMS</b> - Step dimming microwave motion sensor <b>DMMSDL</b> - Step dimming microwave motion sensor and daylight harvesting <b>DL</b> - Integrated Daylight harvesting <b>SMC</b> - Smart Control System <b>OS</b> - Step dimming PIR motion sensor and daylight sensor(Requires OS-618-RC101 Sensor Configura- tion Tool. Not included.). <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b> <b>Assembly in USA</b> <b>BAA</b> - Assembly in USA

## LUMEN PACKAGES

### RXL-4

RXL-4VL(18S): 18W, 2358 lm  
RXL-4L(23S): 23W, 2990 lm  
RXL-4H(32S): 32W, 4224 lm  
RXL-4H(46S): 46W, 5980 lm

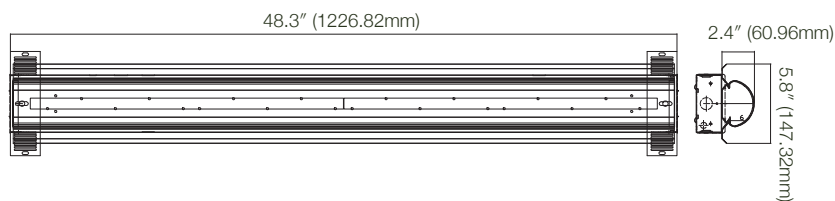
### RXL-8

RXL-8H(54S): 54W, 7236 lm  
RXL-8L(54/46/38S2): 54/46/38W, 7236/6164/5092 lm  
RXL-8H(90/75/65S2): 90/75/65W, 11790/9750/8580 lm  
\*Factory setting at highest lumen and CCT package

## DIMENSIONS

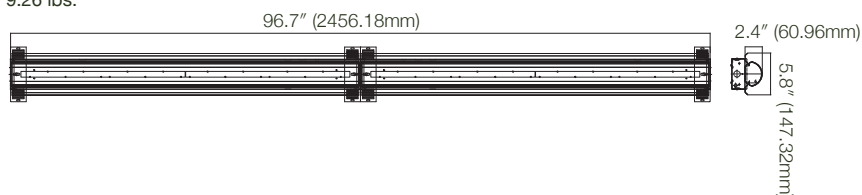
### RXL-4

5.38 lbs.



### RXL-8

9.26 lbs.



## SIMILAR PRODUCTS



**ILL**  
Linear Luminaires

p.34



**ILA**  
Linear Luminaires

p.30



**CBW**  
Linear Luminaires

p.26



# TRM

## LED Linear Magnetic Module Retrofit Kit

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The TRM Series LED Linear Magnetic Module Retrofit Kit is easy to install into most of linear and troffer fluorescent fixture via magnets. It is a perfect upgrade option for energy savings and long life with low maintenance.

### Features

- Utilizes existing luminaire body
- High efficacy LED
- Long life and durable
- Smooth and comfortable light without glare

### Benefits

- Quick and easy to install
- Lowers installation cost
- Lowers energy cost
- Reduces maintenance cost
- No disposal costs of the previous luminaire
- Ideal for use with sensors and advanced controls
- Volumetric lighting ensures occupant comfort
- Provides a more productive space
- Easy access to standard components

### Application

Indoor general/ambient illumination. Ideal for offices, retail, and other architectural spaces that demand energy demand reduction and high-quality light.





# PRODUCT NUMBER BUILDER

Example: TRM-44-HF/840

Series	Size	LED Strip	Lumens	Lens	Input Voltage	CRI	CCT	Dimming	Options
<b>TRM</b>									
TRM - LED	2 - 2'	2 - 2 LED Strips	L - Low	(Blank) -	(Blank) -	8 - 80+	35 - 3500K	(Blank) -	<b>Emergency Backup</b>
Linear	4 - 4'	4 - 4 LED Strips	Wattage	No lens	100V-277V	CRI	40 - 4000K	0-10V	Lumen will maintain over the 90-minute duration
Magnetic			H - High	F - Frosted			50 - 5000K		<b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b>
Module			Lumen	lens					
Retrofit Kit			A - Adjust-able Wattage						
			*See energy data for details						

## LUMEN PACKAGES

### TRM-2

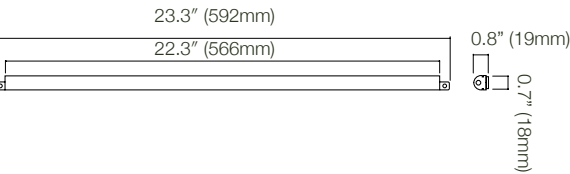
TRM-22LF: 20W, 2500-2700lm

### TRM-4

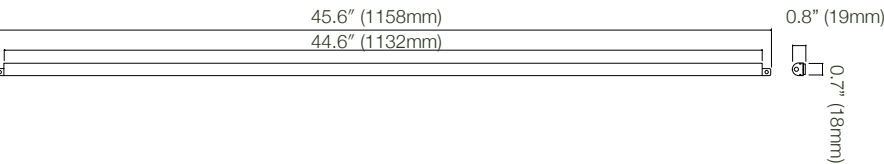
TRM-42LF: 30W, 3750-4050lm  
TRM-44HF: 60W, 7500-8100lm  
TRM-42AF: 60/80W, 7500-10800lm

## DIMENSIONS

### TRM-2



### TRM-4



## SIMILAR PRODUCTS



**LTS**  
Panels and Troffers

p.16



**ILL**  
Linear Luminaire

p.34



**LBW**  
Linear Luminaire

p.28



# High and Low Bays

Alphalite LED High and Low Bays rise to the challenges of high ceiling environments with high performance LED components, advanced heat management, and high lumen output. Energy-efficient LED replace legacy light sources with energy reduction, low maintenance costs, and controllability. Upgrading to LED High and Low Bays offer opportunities to improve safety, security, and productivity.



HEB Series

48



HEBS Series

50



EHB Series

52



RHXS Series

54



# HEB

## High Efficacy LED High Bay

---

The Alphalite HEB Series delivers high lumen output, long life, dimming capabilities, economic solution, and no restrike time.

### Features

- Linear form factor
- High efficacy lighting
- High lumen output
- Precision-formed reflectors
- Dimming capable

### Benefits

- Reduces maintenance and energy costs
- Optimized for fast payback and ROI
- Provides a more productive space
- Replaceable modules and power supply
- Adequate lighting in high mounting applications
- Easy sensor integration

### Application

Ideal for commercial and industrial applications with high ceilings such as warehouse, manufacturing facilities, retail, gymnasiums, and grocery stores.



2'

4'





## PRODUCT NUMBER BUILDER

Example: HEB2-155/850

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Optic	Options
<b>HEB</b>								
<b>HEB</b> - High Efficacy LED High Bay	<b>2 - 2'</b>	<b>2' length:</b>	<b>8 - 82+ CRI</b>	<b>35 - 3500K</b>	<b>(Blank)</b> - 120V-277V <b>40 - 4000K</b> <b>50 - 5000K</b> <b>480 - 480V</b>	<b>(Blank)</b> - 0-10V Continuous Dimming	<b>(Blank)</b> - clear 90° optic <b>FRST-</b> Frosted cover	<b>Accessories</b> <b>WG</b> - Wire Guard <b>PMK</b> - Single-point pendant mount kit <b>ACC</b> - Aircraft cable suspension kit <b>CRD-x</b> - SJTOW black cord, 18/3, x=length <b>TLP</b> - Nema locking plug <b>SMK</b> - Surface mount kit <b>FRST</b> - Frosted Lens/Cover <b>Controls</b> <b>PIR</b> - On/off PIR High Bay motion sensor <b>PIRD</b> - On/off PIR High Bay motion and daylight sensor <b>DL</b> - Integrated daylight harvesting <b>SMC</b> - Smart Control System <b>OS</b> - Step dimming PIR motion sensor and daylight sensor. (Requires OS-618-RC101 Sensor Configuration Tool. Not included) <b>SG10</b> - 10KA Surge Protection <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b> <b>Assembly in USA</b> <b>BAA</b> - Assembly in USA
	<b>4 - 4'</b>	<b>81 - 81W</b>						
		<b>101 - 101W</b>						
		<b>141 - 141W</b>						
		<b>161 - 161W</b>						
		<b>4' length:</b>						
		<b>201 - 201W</b>						
		<b>281 - 281W</b>						
		<b>321 - 321W</b>						
		<b>481 - 481W</b>						

## LUMEN PACKAGES

### HEB2

HEB2-81: 81W, 12287 lm  
 HEB2-101: 101W, 15291 lm  
 HEB2-141: 141W, 21643 lm  
 HEB2-161/8xx-12V: 161W, 24488 lm with 12V AUX output

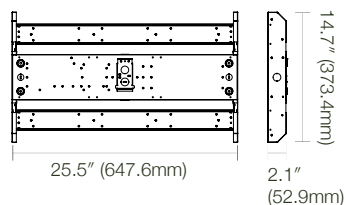
### HEB4

HEB4-201: 201W, 29989 lm  
 HEB4-281: 281W, 43077 lm  
 HEB4-321: 321W, 48567 lm  
 HEB4-481: 481W, 72000 lm

## DIMENSIONS

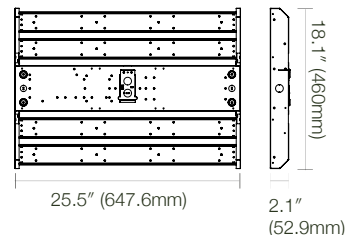
### HEB2-81 & 101

9.15 lbs



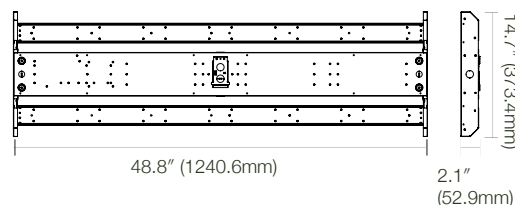
### HEB2-141 & 161

13.23 lbs.



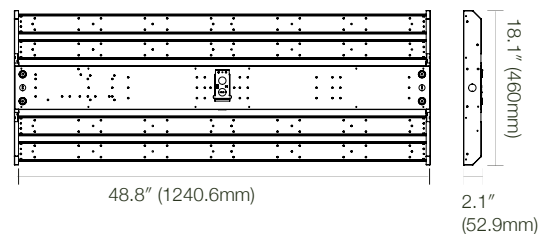
### HEB2-141 & 161

13.23 lbs.

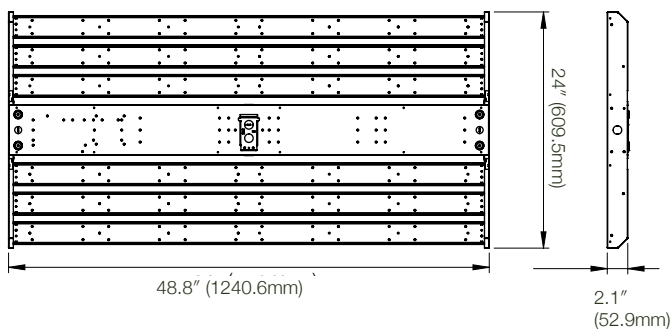


### HBB4-281 & 321

20.72 lbs.



### HBB4-481



## SIMILAR PRODUCTS



**EHB**  
High / Low Bays

p.52



**HEBS**  
High / Low Bays

p.50

# HEBS

## High Efficacy LED High Bay

The Alphalite HEBS Series High Efficacy LED High Bay delivers high lumen output, long life, economic solution, and no restrike time.

### Features

- High efficacy lighting
- High lumen output
- Precision-formed reflectors
- Dimming capable

### Benefits

- Reduces maintenance and energy costs
- Optimized for fast payback and ROI
- Provides a more productive space
- Replaceable modules and power supply
- Adequate lighting in high mounting applications
- Easy sensor integration

### Application

Various commercial-industrial applications with high ceilings: warehouse, manufacturing facilities, retail, gymnasiums, grocery.



2'



4'



## PRODUCT NUMBER BUILDER

Example: HEBS-2(160/140/120)/850

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>HEBS</b>							
<b>HEBS</b> -High Efficacy LED High Bay	<b>2</b> - 2' <b>4</b> - 4'	<b>(160/140/120)</b> - 2ft 160/140/120W adjustable <b>(230/195/160)</b> - 4ft 230/195/160W adjustable <b>(400/360/280)</b> - 4ft 400/360/280W adjustable	<b>8</b> - 80+ CR4	<b>40</b> - 4000K <b>50</b> - 5000K	<b>(Blank)</b> - 120V-277V <b>480</b> - 480V	<b>(Blank)</b> - 0-10V Continuous Dimming	<b>Accessories</b> <b>WG</b> - Wire Guard (see pg. 3 for details) <b>PMK</b> - Single-point pendant mount kit <b>ACC</b> - Aircraft cable suspension kit <b>CRD-x</b> - SJTOW black cord, 18/3, x=length <b>TLP</b> - Nema locking plug <b>SMK</b> - Surface Mount Kit <b>Controls</b> <b>MPS06</b> - Bi-level dimming microwave motion sensor, field install in 5 seconds.(Required RC-MPS06 Sensor Configuration Tool) <b>PIR</b> - On/off PIR High Bay motion sensor <b>PIRD</b> - On/off PIR High Bay motion and daylight sensor <b>DL</b> - Integrated daylight harvesting <b>SMC</b> - Smart Control System <b>OS</b> - Step dimming PIR motion sensor and daylight sensor. (Requires OS-618-RC101 Sensor Configuration Tool. Not included) <b>SG10</b> - 10KA Surge Protection <b>12V</b> - 12V Aux Output <b>SC</b> - MPS06 Sensor Base <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b> <b>Assembly in USA</b> <b>BAA</b> - Assembly in USA

## LUMEN PACKAGES

### HEBS-2

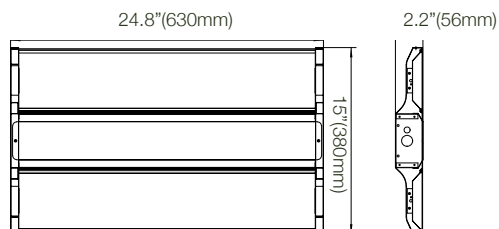
HEBS-2(160/140/120): 160/140/120W, 24000/21000/18000 lm

### HEBS-4

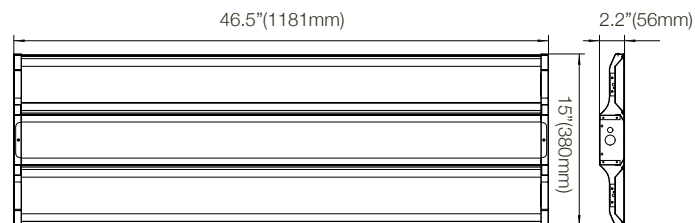
HEBS-4(230/195/160) - 230/195/160W, 34500/29250/24000 lm  
HEBS-4(400/360/280): 400/360/280W, 60000/54000/42000 lm

## DIMENSIONS

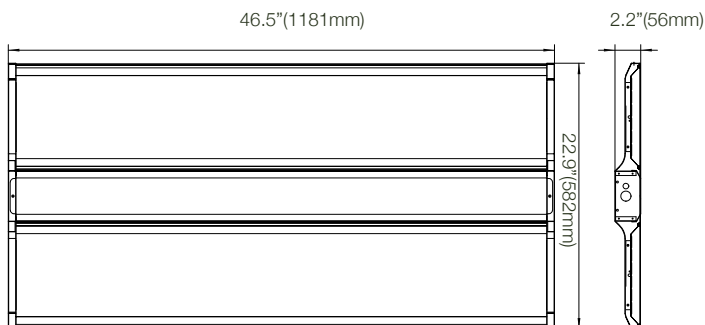
### HEBS-2(160/140/120)



### HEBS-4(230/195/160)



### HEBS-4(400/360/280)



## SIMILAR PRODUCTS



**EHB**  
High / Low Bays

**p.52**



**HEB**  
High / Low Bays

**p.48**



# EHB

## Slim Linear LED High Bay

---

The Alphalite EHB Series delivers high lumen output, long life, dimming capabilities, economic solution, and no restrike time.

### Features

- Linear form factor
- High efficacy lighting
- High lumen output
- Precision-formed reflectors
- Dimming capable

### Benefits

- Reduces maintenance and energy costs
- Optimized for fast payback and ROI
- Provides a more productive space
- Replaceable modules and power supply
- Adequate lighting in high mounting applications
- Easy sensor integration

### Application

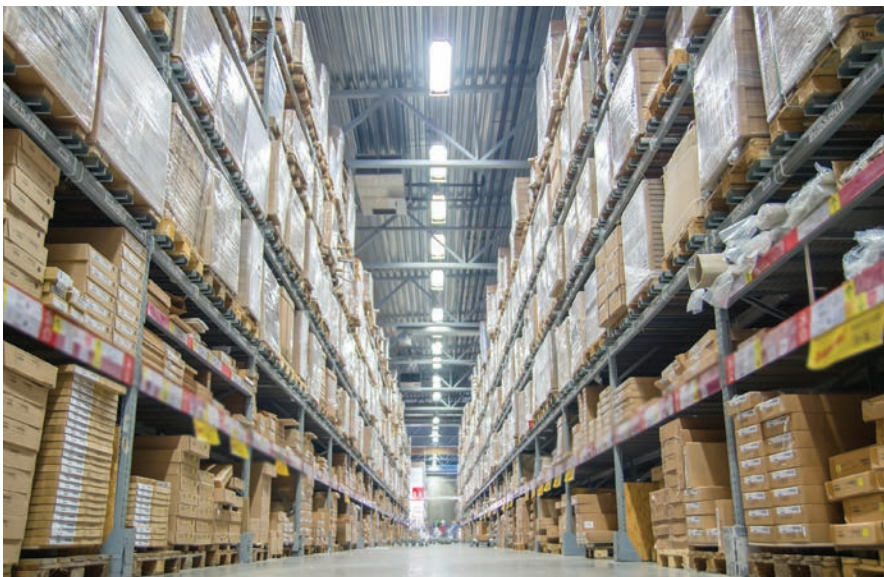
Ideal for commercial and industrial applications with high ceilings such as warehouse, manufacturing facilities, retail, gymnasiums, and grocery stores.



2'



4'





## PRODUCT NUMBER BUILDER

Example: EHB2-155/850

Series	Size	Lumens	CRI	CCT	Input Voltage	Dimming	Options
<b>EHB</b>							
<b>EHB</b> - Slim Linear LED High Bay	2 - 2' 4 - 4'	<b>2' length:</b> 105 - 105W 155 - 155W  <b>4' length:</b> 210 - 210W 300 - 300W 400 - 400W	8 - 83+ CRI	40 - 4000K 50 - 5000K	(Blank) - 120V-277V 480 - 480V	(Blank) - 0-10V Continuous Dimming 12V - 12V Aux	<b>Accessories</b> <b>WG</b> - Wire Guard <b>PMK</b> - Single-point pendant mount kit <b>SMK</b> - Surface mount kit <b>ACC</b> - Aircraft cable suspension kit <b>CHS</b> - S-chain set (4 1/4") <b>CRD-x</b> - SJTOW black cord, 18/3, x=length <b>TLP</b> - Nema locking plug <b>Controls</b> <b>PIR</b> - On/off PIR High Bay motion sensor <b>DL</b> - Integrated Daylight harvesting <b>SMC</b> - Smart Control System <b>OS</b> - Step dimming PIR motion sensor and daylight sensor(Requires OS-618-RC101 Sensor Configuration Tool. Not included.). <b>SG10</b> - 10KA Surge Protection <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b> <b>Assembly in USA</b> <b>BAA</b> - Assembly in USA

## LUMEN PACKAGES

### EHB2-105 & 155

EHB2-90: 90W, 11520 lm  
EHB2-105: 105W, 14700 lm, DLC 5.1  
EHB2-155: 155W, 20925 lm, DLC 5.1

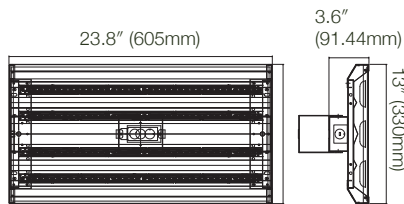
### EHB4-210 & 300 & 400

EHB4-210: 210W, 28350 lm, DLC 5.1  
EHB4-300: 300W, 40500 lm, DLC 5.1  
EHB4-400: 400W, 54000 lm, DLC 5.1

## DIMENSIONS

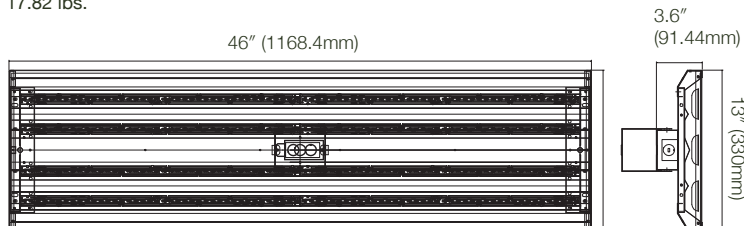
### EHB2-105 & 155

10.12 lbs.



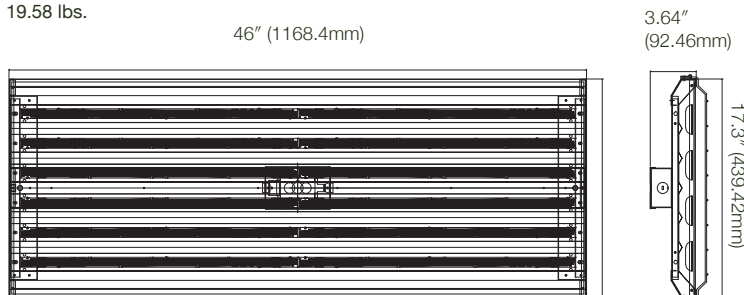
### EHB4-210 & 300

17.82 lbs.



### EHB4-400

19.58 lbs.



## SIMILAR PRODUCTS



**HEB**

High / Low Bays

p.48



**HEBS**

High / Low Bays

p.50



# RHXS

## LED IP Rated High Bay

---

The Alphalite RHXS Series delivers high lumen output, long life, economic solution, and no restrike time.

### Features

- IP65 rated
- Food grade rated
- Lower energy cost
- High efficacy lighting
- Smooth and comfortable light without glare

### Benefits

- Adequate lighting for high mounting applications
- Solid state components offer long life
- Reduces maintenance and energy costs
- Life not affected by on/off switching
- Improves safety, security and productivity
- Sustainable replacement to HID and Fluorescent
- Serviceable standard components

### Application

Various commercial industrial applications with high ceilings: warehouse, manufacturing facilities, retail, gymnasiums, grocery.



## PRODUCT NUMBER BUILDER

Example: RHXS-150/850

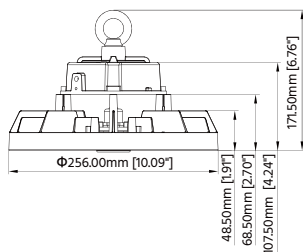
Series	Size	CRI	CCT	Input Voltage	Dimming	Beam Angle	Lens	Options
<b>RHXS</b>								
<b>RHXS -</b>	<b>100</b> - 100W	<b>8</b> -	<b>40</b> - 4000K	<b>(Blank)</b> -	<b>((Blank)</b>	<b>(Blank)</b> 90°	<b>(Blank)</b> -	<b>Accessories</b>
LED IP Rated	<b>150</b> - 150W	80+	<b>50</b> - 5000K	120V-277V	- 0-10V	<b>B120-</b>	Transparent	<b>RHXS-RAC</b> - Aluminium Sliver
High Bay	<b>200</b> - 200W	CRI	<b>A</b> - 5000K	<b>C-</b> 120-347V	Continuous	120° (only	<b>F-</b> Frosted	Reflector Cone
	<b>240</b> - 240W		5000/4000/3000K		Dimming	available for	lens	<b>RHXS-RPC</b> - PC Reflector Cone
	<b>(150/100/75)</b> -					150 & 200		<b>RHXS-PMK</b> - Pendant mount kit for
	150/100/75W					&240W)		3/4" pole
	Tunable							<b>Controls</b>
	<b>(240/200/150)</b> -							<b>MMS</b> - Integrated step dimming
	240/200/150W							microwave motion sensor
	Tunable'							<b>Emergency Backup</b>
								<b>EM30W</b> - 30W EM Driver

## LUMEN PACKAGES

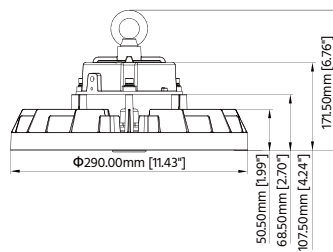
RHXS-75	RHXS-100	RHXS-150	RHXS-200	RHXS-240
RHXS-75: 75W, 11250 lm	RHXS-100: 100W, 15000 lm	RHXS-150: 150W, 22500 lm RHXS-(150/100/75)/8A: 150W, 22500 lm	RHXS-200: 200W, 30000 lm	RHXS-240: 240W, 36000 lm RHXS-(240/200/150)/8A: 240W, 36000 lm

## DIMENSIONS

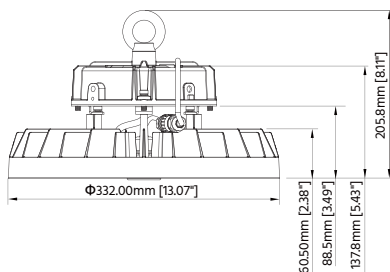
### RHXS-100



### RHXS-150



### RHXS-200 & 240



## SIMILAR PRODUCTS



**HEBS**  
High / Low Bays

p.50



**EHB**  
High / Low Bays

p.52

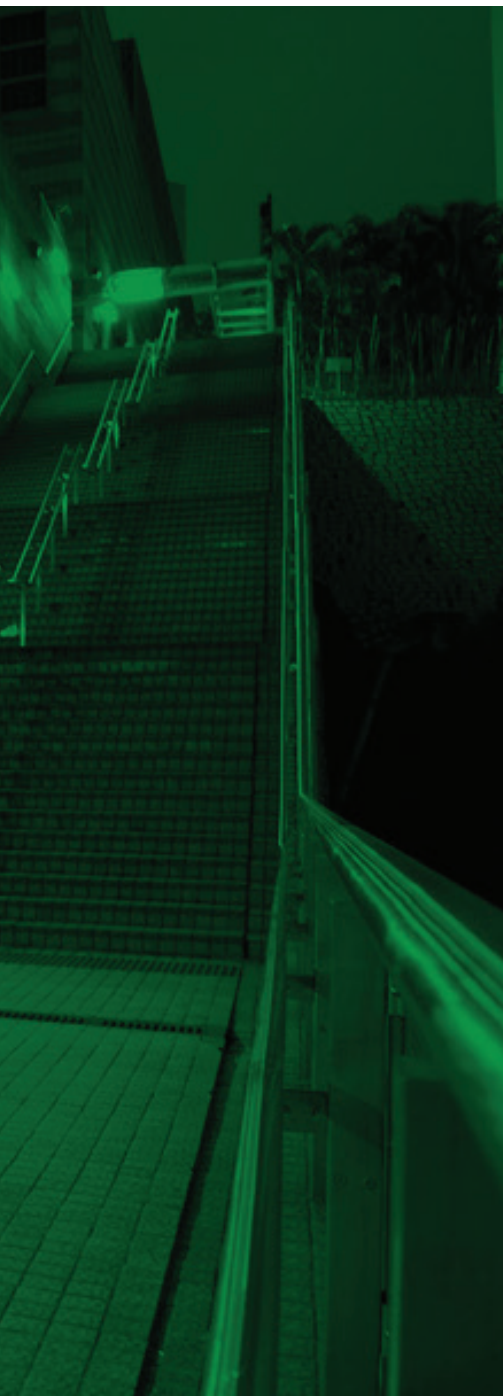




# Wall Luminaires

Slim, sleek profile LED luminaires enhance building facades with energy efficient LED. Replacing HID fixtures with LED allow energy-savings, reduced maintenance, and improved safety and security. Designed and manufactured to withstand outdoor environments and uphold LED longevity.





WPA Series

58



WPTA Series

60



WPS Series

62



# WPA

## LED Full Cutoff Wall Pack

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The Alphalite WPA Series is a modern and versatile integrated LED solution that delivers long life and energy savings within a slim, low profile design. The rugged housing design offers advanced thermal management and protection against outdoor environments without compromising aesthetics.

### Features

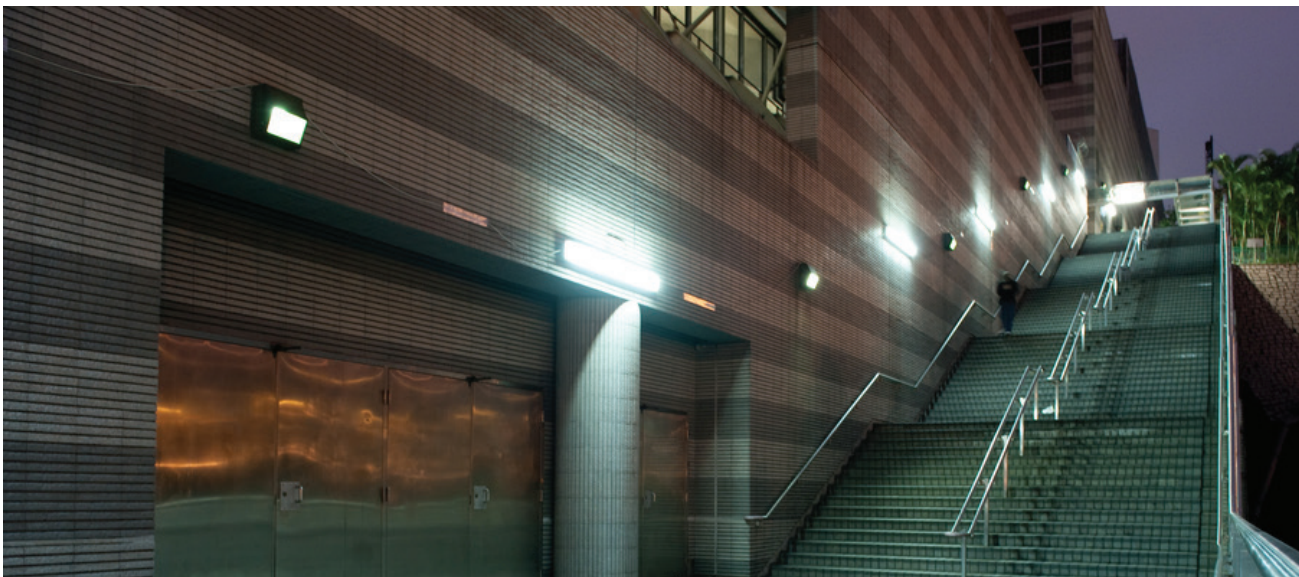
- Durable die-cast housing
- High efficacy lighting
- High lumen output
- Integrated heat management
- Slim and sleek luminaire design

### Benefits

- Delivers illumination in high mounting applications
- Solid state components offer long life
- Energy-saving
- Improve safety, security and productivity
- Sustainable replacement to HID and Fluorescent
- Enhances building appearance

### Application

Ideal for outdoor applications such as commercial, industrial, retail, and hospitality building facades that demand long service life and low maintenance.



## PRODUCT NUMBER BUILDER

Example: WPA-24B/50K

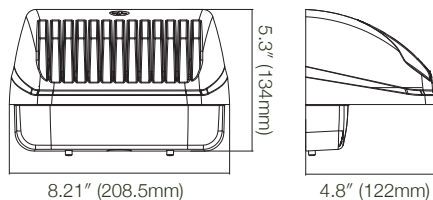
Series	Lumens	CCT	Input Voltage	Distribution	Finish	Options
<b>WPA</b>						
<b>WPA -</b> LED Full Cutoff Wall Pack	<b>15B</b> - 15W <b>24B</b> - 24W <b>42B</b> - 42W <b>60B</b> - 60W <b>80B</b> - 80W *see energy data for details	<b>50K</b> - 5000K (Standard) <b>30K</b> - 3000K <b>40K</b> - 4000K	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - Type III	<b>Finish color:</b> custom finish colour available. Contact your Alphalite repre- sentative for added cost, quantities and lead times	<b>Accessories</b> <b>WPA.JB</b> -Junction Box <b>WPA-SBP</b> -Back Panel(15-24w) <b>WPA-MBP</b> -Back Panel(30-42w) <b>Controls</b> <b>PS</b> - Photoelectric switch (For 42W and above only) <b>OS</b> - Step dimming PIR motion and daylight sensor. (Requires OS-618-RC101 Sensor Configuration Tool. Not included.) *Dimming function required to add 10V dimming driver* <b>10v</b> - 0-10V Dimming Driver <b>Emergency Backup</b> Lumen will maintain over the 90-minute duration <b>EM700 (700lm), EM1400 (1400lm), EM2000 (2000lm)</b> *Testing button placed inside of fixture *EM can only be used in 42 watts and above

## LUMEN PACKAGES

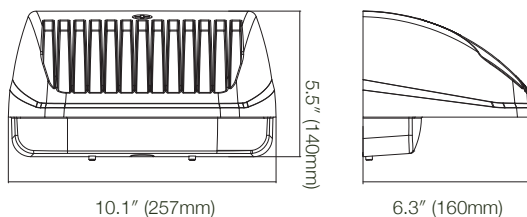
WPA-15B and 24B	WPA-42B	WPA-60B and 80B
WPA-15B/xxK: 15W, 1442 lm WPA-24B/xxK-10V: 24W, 2724 lm, 4058 lm, 0-10V dimming 0-10V dimming * DLC premium	WPA-42B/xxK: 10V, 42W, 0-10V dimming	WPA-60B/xxK: 60W, 6900 lm WPA-80B/xxK: 80W, 9200 lm

## DIMENSIONS

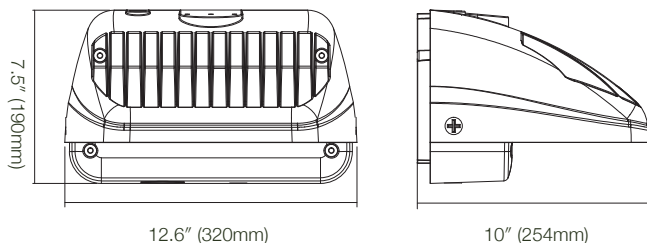
### WPA-15B and 24B



### WPA-42B



### WPA-60B and 80B



## SIMILAR PRODUCTS



**WPTA**  
Wall Luminaire

p.60



**WPS**  
Wall Luminaire

p.62



**SCL**  
Canopy and Parking  
Garage Luminaire

p.74





# WPTA

## LED Traditional Wall Pack

The Alphalite WPTA Series is an integrated LED solution that delivers long life and energy savings. The rugged housing offers advanced thermal management and protection against outdoor environments without compromising aesthetics.

### Features

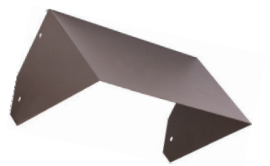
- Durable die-cast housing
- High efficacy lighting
- High lumen output
- Integrated heat management
- Slim and sleek luminaire design

### Benefits

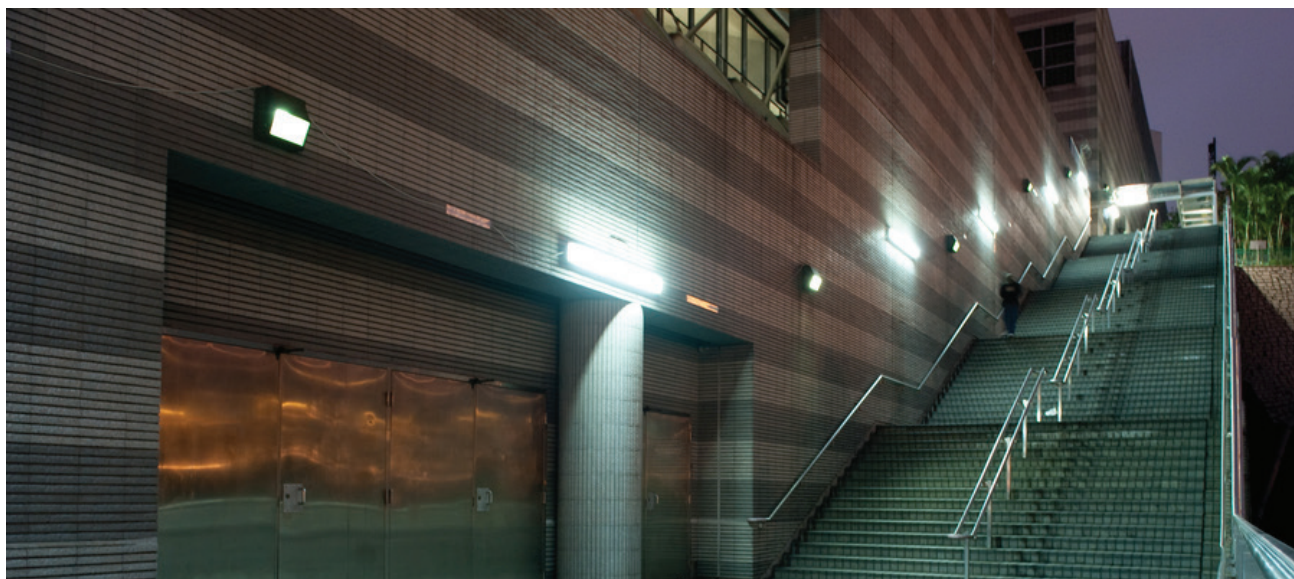
- High performance LED engine delivers illumination in high mounting applications
- Solid state components offer long life to reduce maintenance costs
- Energy-saving
- Improve safety, security and productivity
- Sustainable replacement to HID and Fluorescent
- Enhances building appearance

### Application

Ideal for outdoor applications such as commercial, industrial, retail, and hospitality building facades that demand long service life and low maintenance.



Optional Dark Sky Shield





## PRODUCT NUMBER BUILDER

Example: WPTA-P375/850

Series	Lumens	CCT	Input Voltage	Beam Angle	Dimming	Finish	Options
<b>WPTA</b>							
<b>WPTA -</b>	<b>35</b> - 35W,	<b>830</b> - 3000K	<b>(Blank)</b> -	<b>(Blank)</b> -	<b>(Blank)</b>	<b>(Blank)</b> - Dark	<b>Accessories</b>
LED	<b>50</b> - 50W,	<b>840</b> - 4000K	120V-277V	Type III	- Non-	Bronze	<b>DSS</b> - Dark Sky Shield
Traditional	<b>75</b> - 75W,	<b>850</b> - 5000K			dimming		<b>Controls</b>
Wall Pack	<b>100</b> - 100W,				<b>10V-</b>		<b>MMS</b> - Step dimming microwave motion sensor
	<b>120</b> - 120W,				0-10V		<b>PS</b> - Photoelectric switch
	*see energy						<b>Emergency Backup</b>
	data for						Lumen will maintain over the 90-minute duration
	details						<b>EM700 (700lm), EM1400 (1400lm)</b>
							*Testing button placed inside of fixture

## LUMEN PACKAGES

### WPTA-P3 (35, 50 & 75)

WPTA-P335, 35W, 4725 lm, Non-dimmable \*DLC Premium  
WPTA-P240/850: 40W, 5740 lm, 0-10V dimming \*DLC Premium  
WPTA-P350, 50W, 6750 lm, Non-dimmable \*DLC Premium  
WPTA-P260/850: 60W, 8537 lm, 0-10V dimming \*DLC Premium  
WPTA-P375, 75W, 10125 lm, Non-dimmable \*DLC Premium  
WPTA-P280/850: 80W, 11652 lm, 0-10V dimming \*DLC Premium

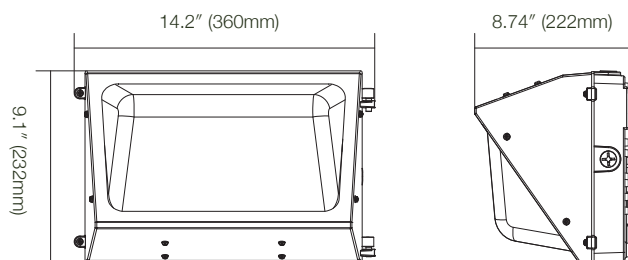
### WPTA-P3 (100 & 120)

WPTA-P3100/8xx-10V: 100W, 14664 lm, 0-10V dimming \*DLC Premium  
WPTA-P3120/8xx-10V: 120W, 17673 lm, 0-10V dimming \*DLC Premium

## DIMENSIONS

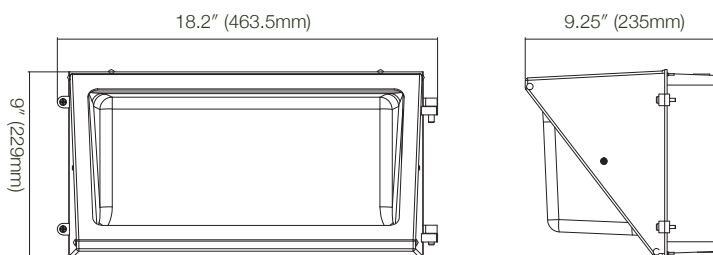
### WPTA-P3 (35, 50 & 75)

WPTA-P335: 8.09 lbs.  
WPTA-P350: 8.49 lbs.  
WPTA-P375: 8.93 lbs.



### WPTA-P3 (100 & 120)

14.44 lbs.



## SIMILAR PRODUCTS



**WPA**  
Wall Luminaires

p.58



**WPS**  
Wall Luminaires

p.62



**SCL**  
Canopy and Parking  
Garage Luminaires

p.74



# WPS

## LED Slim Full Cutoff Wall Pack

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The Alphalite LED Wall Pack Series is a modern and versatile integrated LED solution that delivers long life and energy savings within a slim, low profile design. The rugged housing design offers advanced thermal management and protection against outdoor environments without compromising aesthetics.

### Features

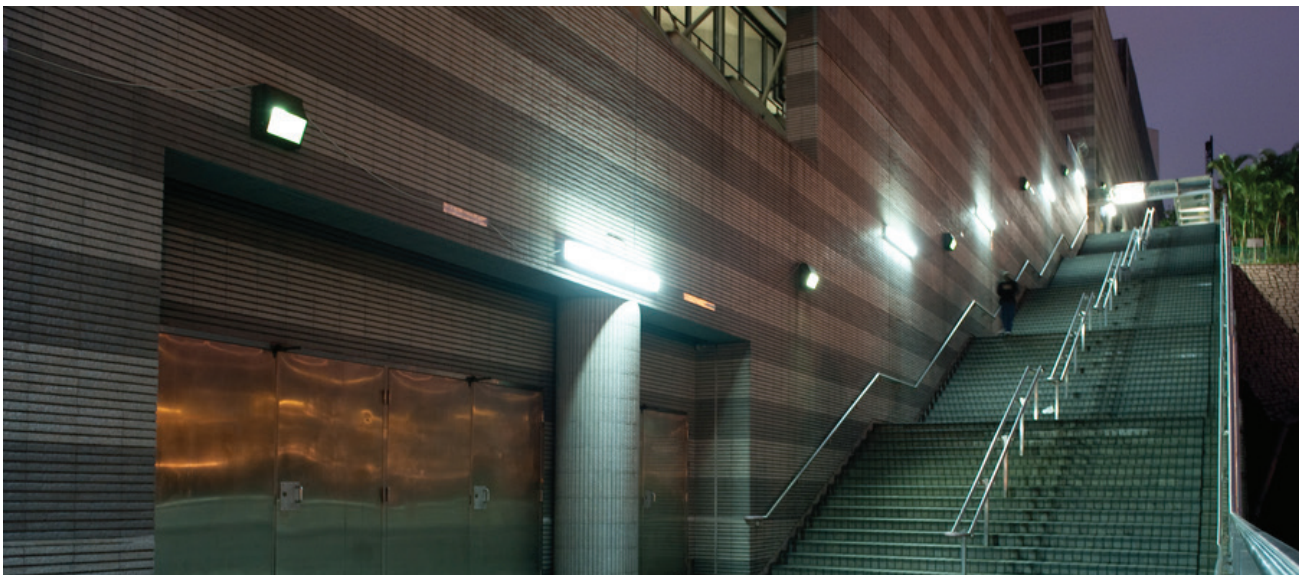
- Long life LED system
- Daylight color
- Rugged die cast housing
- Silicon gasket protects against moisture and dust
- Universal input voltage (120V-277)
- Diffuser lens for even light distribution

### Benefits

- Delivers illumination in high mounting applications
- Solid state components offer long life
- Energy-saving
- Improve safety, security and productivity
- Sustainable replacement to HID and Fluorescent
- Enhances building appearance

### Application

Ideal for outdoor applications such as commercial, industrial, retail, and hospitality building facades that demand long service life and low maintenance.



## PRODUCT NUMBER BUILDER

Example: WPS-12/50K

Series	Lumens	CCT	Input Voltage	Dimming	Finish	Options
<b>WPS</b>						
<b>WPS -</b> LED Slim Full Cutoff Wall Pack	<b>12</b> - 12W <b>35</b> - 35W <b>50</b> - 50W <b>75</b> - 75W <b>100</b> - 100W <b>120</b> - 120W *see energy data for details	<b>50K</b> - 5000K (Standard)	<b>(Blank)</b> - 220V-277V	<b>(Blank)</b> - Non-dimmable	<b>(Blank)</b> - Dark Bronze	<b>Controls</b> <b>PS</b> - Photoelectric switch

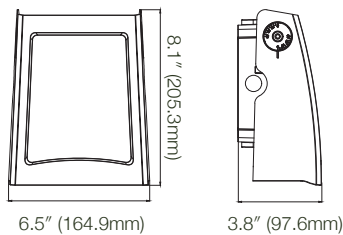
## LUMEN PACKAGES

WPS-12 and 35	WPS-50 and 75	WPS-100 and 120
WPS-12/50K: 12W, 1560 lm WPS-15/50K: 15W, 4550 lm	WPS-50/50K: 50W, 6500 lm WPS-75/50K: 75W, 9750 lm	WPS-120/50K: 120W, 15600 lm

## DIMENSIONS

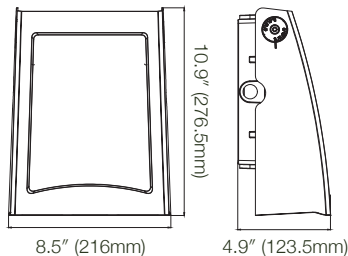
### WPS-12 and 35

3.3 lbs.



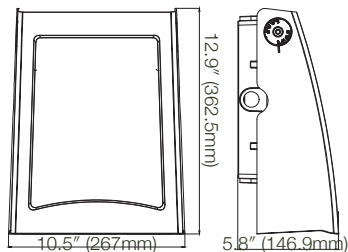
### WPS-50 and 75

WPS-50: 4.63 lbs.  
WPS-75: 5.51 lbs.



### WPS-100 and 120

WPS-100: 11.47 lbs.  
WPS-120: 12.35 lbs.



## SIMILAR PRODUCTS



**WPA**  
Wall Luminaire

p.58



**WPTA**  
Wall Luminaire

p.60



**ALBE**  
Area Luminaire

p.66



# Area Luminaires

Replacing HID fixtures with LED enables energy-savings, reduced maintenance, and improved safety and security. Designed and manufactured to withstand outdoor environments and uphold LED longevity.





ALBE Series

66



# ALBE

## LED Slim Area Luminaire

The Alphalite ALBE Series delivers extreme intensity and high lumen output for area light application. Superior color, long life and high efficiency allows this luminaire to outperform traditional HID luminaires.

### Features

- Surface treated with durable powder coating to provide resistance to corrosion, rust, weathering and UV degradation
- IP65 Rated
- High efficacy lighting
- Operating temperature is -22°F ~ 130°F (-30°C ~ +54°C)

### Benefits

- Components offer long life
- Reduces maintenance and energy costs
- Life not affected by on/off switching
- Improves safety and security
- Replacement solution to HID and Fluorescent

### Application

Ideal for parking structures, auto dealerships, recreational spaces, roadways, and outdoor aisles.



## PRODUCT NUMBER BUILDER

Example: ALBE-150/50K

Series	Lumens	Input Voltage	CCT	Beam Angle	Dimming	Finish	Options
<b>ALBE</b>							
<b>ALBE</b> - LED	<b>75</b> - 75W	<b>(Blank)</b> -	<b>40K</b> - 4000K	<b>(Blank)</b> - Type III	<b>(Blank)</b>	<b>(Blank)</b> - Dark	<b>Mounting</b>
Slim High	<b>150</b> - 150W	100V-277V	<b>50K</b> - 5000K	<b>T2</b> - Type II	- 0-10V	Bronze	<b>MASF</b> - Adjustable Slip-fitter
Performance	<b>220</b> - 220W	<b>HV</b> - 277V-480V		<b>T4</b> - Type IV	Continuous	<b>WH</b> - White	<b>MRPM</b> - Round Pole Mount for
Area / Flood	<b>300</b> - 300W	480V - 480V		<b>T5</b> - Type V	Dimming	<b>BLK</b> - Black	4" to 6"
Luminaire	<b>400</b> - 400W	(300w& 400w only)		<b>7H6V</b> - 90°X120° Flood		<b>SLV</b> - Silver	<b>MSPM</b> - Square Pole Mount for
	<b>480</b> - 480W	Custom input		lens (400-480w only)		Custom finish	3"x3" or longer
	*see energy	voltage available.		Require lens changed		color available.	<b>MAUB</b> - Adjustable Trunion
	data for details	Contact your		for different beam		Contact your	U-bracket (75w-300w only)
		Alphalite		angle. (100W package		Alphalite	<b>MUB</b> - U-bracket(400w -480w only
		representative		require 1 lens, 150W		representative	<b>Controls</b>
		for added cost,		and 200W package		for added cost,	<b>PC</b> - Photocell
		quantities and lead		require 2 lens, and		quantities and	<b>SC</b> - Shorting Cap
		times.		300W package require		lead times.	<b>OS</b> - Step dimming PIR motion
				4 lens).			sensor and daylight sensor(Requires
							OS-618-RC101 Sensor
							Configuration Tool. Not included.).

## LUMEN PACKAGES

### ALBE(75W, 150W, and 220W

ALBE-75: 75W, 9750 lm  
ALBE-150: 150W, 19500 lm  
ALBE-220: 220W, 28600 lm

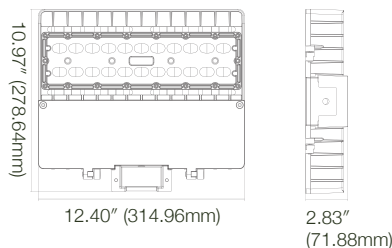
### ALBE (85W and 120W)

ALBE-300: 300W, 39000 lm  
ALBE-400: 400W, 50000 lm  
ALBE-480: 480W, 60000 lm

## DIMENSIONS

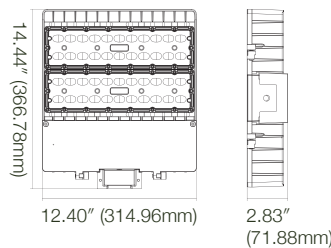
### ALBE-75

12.35 lbs.



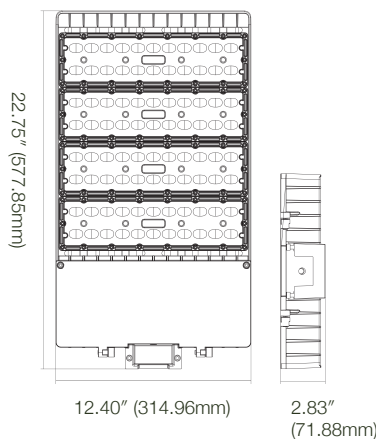
### ALBE-150 & 220

ALBE-150: 15.43 lbs.  
ALBE-200: 18.08 lbs.



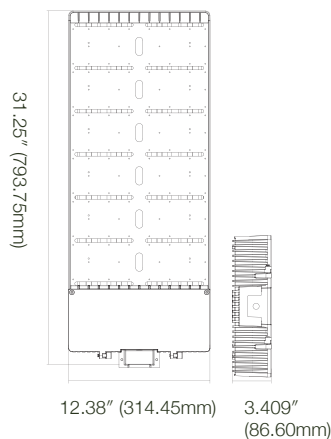
### ALBE-300

22.27 lbs.



### ALBE-400 & 480

28.11 lbs.



## SIMILAR PRODUCTS



**WPA**  
Wall Luminaire

p.58



**WPTA**  
Wall Luminaire

p.60



**FLW**  
Flood Luminaire

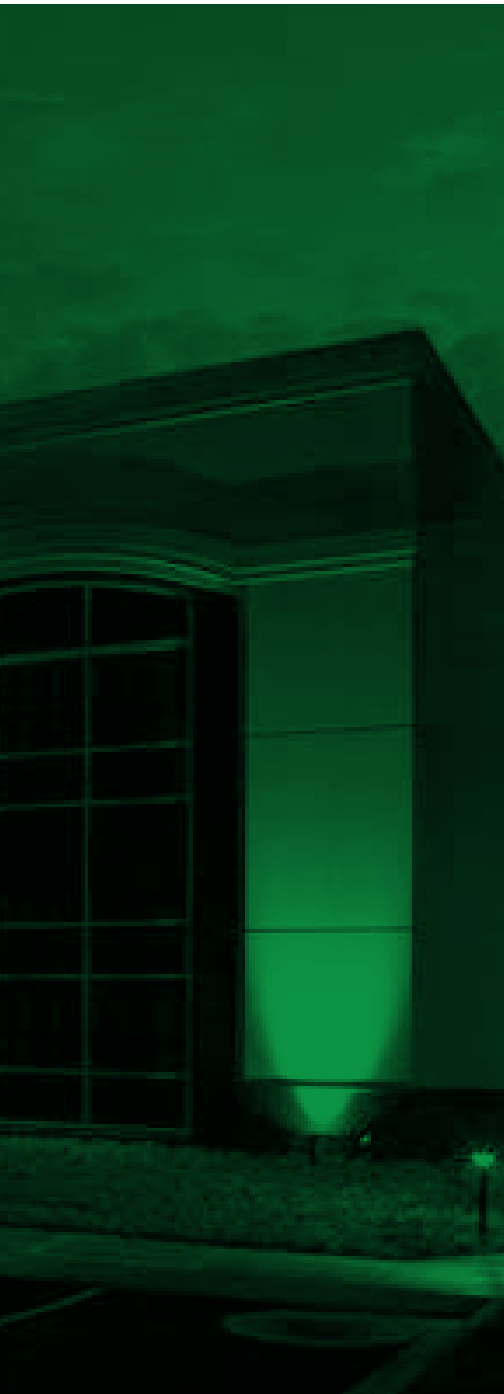
p.70



# Flood Luminaires

Replacing HID fixtures with LED enables energy-savings, reduced maintenance, and improved safety and security. Designed and manufactured to withstand outdoor environments and uphold LED longevity.





FLW Series

70

# FLW

## Outdoor LED Flood Light

The FLW Series LED Slim Flood Light is a high-performance, IP65-rated luminaire that produces a minimum of 130 lumen per watts, providing significant energy savings while remaining durable in the field.

### Features

- Surface treated with durable powder coating to provide resistance to corrosion, rust, weathering and UV degradation
- IP65 Rated
- High efficacy lighting
- Operating temperature is -40°F ~ 104°F

### Benefits

- Components offer long life
- Lightweight
- Reduces maintenance and energy costs
- Replacement solution to existing HID Flood lights/ wall packs.

### Application

Ideal for parking areas, doorways, pathways, building facades, loading docks, and a wide variety of other large, general site lighting applications. Replace existing HID Flood lights/ wall packs.



K- Knuckle mount



Y- Yoke mount



## PRODUCT NUMBER BUILDER

Example: FLW-12/50K-K

Series	Lumen	CCT	Input Voltage	Beam Angle	Mounting Option
<b>FLW</b>					
<b>FLW</b> - Outdoor LED Flood Light	<b>12</b> - 12W, 150W Quartz/ 35W Metal Halide equivalent	<b>40K</b> - 4000K	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - 60°X 120°	<b>Mounting</b> <b>K</b> - Knuckle <b>Y</b> - Yoke
	<b>20</b> - 20W, 250W Quartz/ 50W Metal Halide equivalent	<b>50K</b> - 5000K			
	<b>30</b> - 30W, 300W Quartz/ 150W Metal Halide equivalent				
	<b>50</b> - 50W, 600W Quartz/ 175W Metal Halide equivalent				
	<b>75</b> - 75W, 800W+ Quartz/ 200W Metal Halide equivalent				
	<i>*See energy data for details</i>				

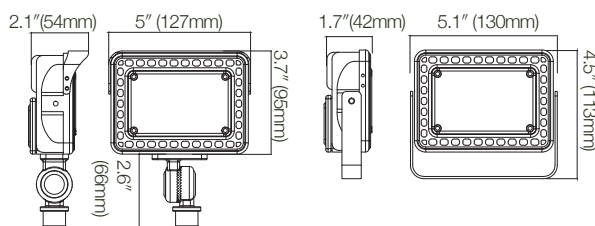
## LUMEN PACKAGES

FLW-12	FLW-20	FLW-30	FLW-50	FLW-75
FLW-12/xxK-K: 12W, 1560 lm with knuckle mount *DLC Premium	FLW-20/xxK-K: 20W, 2600 lm with knuckle mount *DLC Premium	FLW-30/xxK-K: 30W, 3900 lm with knuckle mount *DLC Premium	FLW-50/xxK-K: 50W, 6500 lm with knuckle mount *DLC Premium	FLW-75/xxK-K: 75W, 9750 lm with knuckle mount *DLC Premium
FLW-12/xxK-Y: 12W, 1560 lm with yoke mount *DLC Premium	FLW-20/xxK-Y: 20W, 2600 lm with yoke mount *DLC Premium	FLW-30/xxK-Y: 30W, 3900 lm with yoke mount *DLC Premium		

## DIMENSIONS

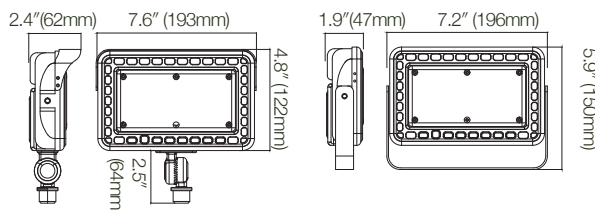
### FLW-12 & 20-K , FLW-12 & 20-Y

1.10 lbs.



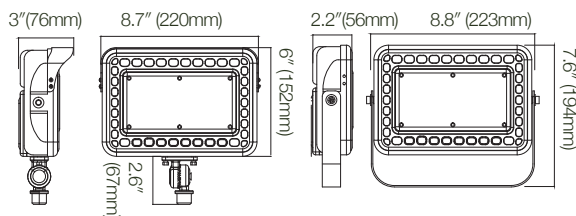
### FLW-30-K , FLW-30-Y

2.09 lbs.



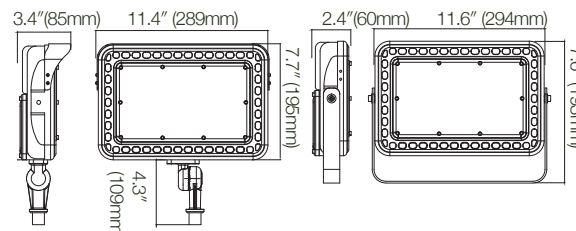
### FLW-50-K , FLW-50-Y

2.93 lbs.



### FLW-75-K , FLW-75-Y

5.16 lbs.



## SIMILAR PRODUCTS



**WPA**  
Wall Luminaires

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**WPTA**  
Wall Luminaires

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**ALBE**  
Area Luminaires

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# Canopy and Parking Garage Luminaires

Replacing HID fixtures with LED enables energy-savings, reduced maintenance, and improved safety and security. Designed and manufactured to withstand outdoor environments and uphold LED longevity.





SCL Series

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# SCL

## LED Outdoor Surface Canopy

---

The Alphalite SCL Series is a modern and versatile integrated LED solution that delivers long life and energy savings within a low profile form factor. The rugged housing and dedicated LED design offers advanced thermal management and protection against outdoor and semi-outdoor environments.

### Features

- Durable die-cast housing
- High efficacy lighting
- High lumen output
- Convenient J-Box Mounting
- Integrated heat management

### Benefits

- Solid state components offer long life to reduce maintenance costs
- Energy-saving
- Life not affected by on/off switching
- Improve safety, security and productivity
- Replacement solution to HID and Fluorescent

### Application

Ideal for walkways, drive-thrust, cold storage, garages, outdoor aisles, and walk in coolers.



# PRODUCT NUMBER BUILDER

Example: SCL-L(40)/50K

Series	Lumen	CCT	Input Voltage	Finish	Options
<b>SCL</b>					
<b>SCL</b> - LED Outdoor Surface Canopy	<b>L(40)</b> - 40W <b>60</b> - 60W <b>H(85)</b> - 85W <b>120</b> - 120W	<b>50K</b> - 5000K	<b>(Blank)</b> - 120V-277V	<b>(Blank)</b> - Dark Bronze <b>WT</b> - White	<b>Mounting</b> <b>PMK</b> - Pendant Mount Kit <b>Controls</b> <b>10V</b> - 0-10V dimming driver <b>MMS</b> - Step dimming microwave motion sensor <b>DMMSDL</b> - Step dimming microwave motion sensor and daylight harvesting <b>OS</b> - Step dimming PIR motion sensor and daylight sensor(Requires OS-618-RC101 Sensor Configuration Tool. Not included.).

## LUMEN PACKAGES

### SCL (40W and 60W)

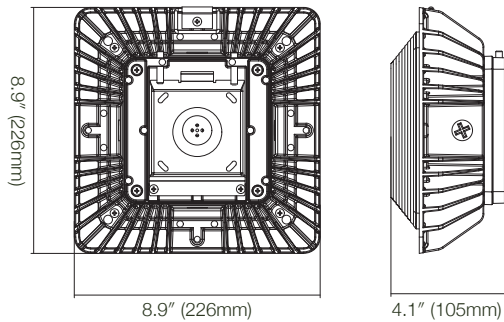
SCL-L(40)/xxK: 40W, 5047 lm ±5%  
SCL-60/xxK-10V: 60W, 6600 lm

### SCL (85W and 120W)

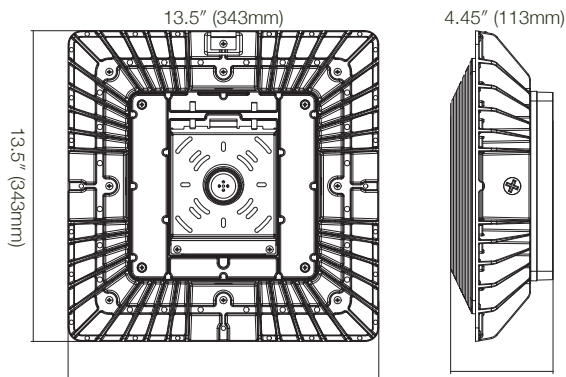
SCL-85/xxK-10V: 85W, 9860 lm ±5%  
SCL-120/xxK-10V: 120W, 13200 lm

## DIMENSIONS

### SCL (40W and 60W)



### SCL (85W and 120W)



## SIMILAR PRODUCTS



**WPA**  
Wall Luminaires

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**WPTA**  
Wall Luminaires

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**ALS**  
Area Luminaires

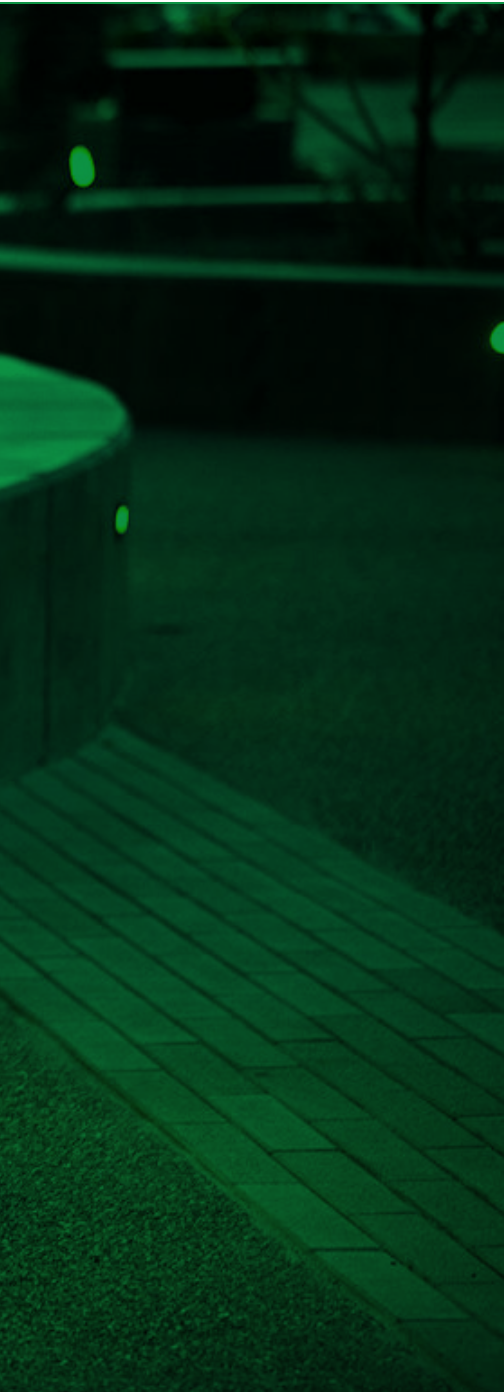
p.66



# Bollards

Replacing HID fixtures with LED enables energy-savings, reduced maintenance, and improved safety and security. Designed and manufactured to withstand outdoor environments and uphold LED longevity.





BLA Series

78



# BLA

## LED Bollard With Adjustable Wattage And CCT

The BLA Series LED Bollard is a high-performance, IP65-rated luminaire that produces a minimum of 130 lumen per watts, providing significant energy savings while remaining durable in the field. The adjustable wattage and CCT option provide a wide range of lumen packages to replace traditional metal halide lighting from 50W to 100W.

### Features

- Adjustable wattage and CCT
- Die-casting aluminum
- Rated IP65
- Suitable for wet location
- High performance, low maintenance

### Benefits

- Superior resistance to corrosion and weathering
- Energy-saving
- Removable power tray
- Heat dissipation and promote long life

### Application

Ideal for illuminating building entryways, walking paths, and pedestrian plazas, as well as any other location requiring a low mounting height light source with fully cutoff illumination.



## PRODUCT NUMBER BUILDER

Example: BLA-R-22A/8A

Series	Form	Lumen	Input Voltage	CRI	CCT	Beam Angle
<b>BLA</b>						
<b>BLA</b> - LED Bollard With Adjustable Wattage And CCT	<b>R</b> - Round <b>S</b> - Square	<b>22A</b> - Adjustable wattage (22/16/12W) *See energy data for details	<b>(Blank)</b> - 120V-277V	<b>8</b> - CRI>80	<b>A</b> - Adjustable CCT(5000/4000/3000K)	<b>(Blank)</b> - Symmetrical

## LUMEN PACKAGES

### BLA-R-22A/8A

BLA-R-22A/8A: Round, 22/16/12W, 2860/2080/1560 lm and CCT(50,40,30K) adjustable

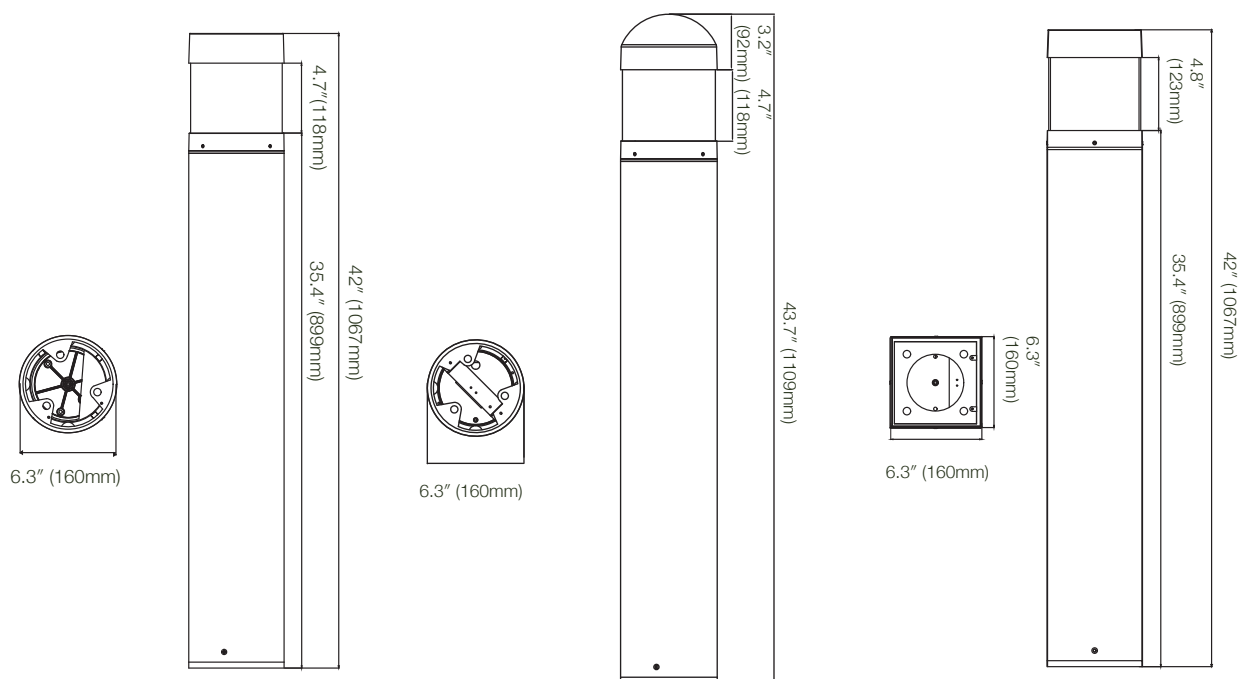
BLA-R-22A/8A-DMLV: Round Dome Louver, 22/16/12W, 2860/2080/1560 lm and CCT(50,40,30K) adjustable

### BLA-S-22A/8A

BLA-S-22A/8A: Square, 22/16/12W, 2860/2080/1560 lm and CCT(50,40,30K) adjustable

## DIMENSIONS

### BLA-R-22A/8A, BLA-R-22A/8A-DMLV, BLA-S-22A/8A







# LIGHTING APPLICATIONS GUIDE

Driven by a mission to help businesses solve the challenge of achieving greater energy-efficiency and improved lighting, Alphasite has multiple options for the unique lighting needs of a space. Explore sustainable solutions with lighting products that are “application optimized” and push the possibilities of lighting. Going beyond energy-efficiency, Alphasite’s lighting technology strives to improve the interaction of humans and light.





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# OFFICE

Lighting is paramount in office spaces. Occupants spend large amounts of time within office spaces, and lighting can have a tremendous impact on occupant's safety, productivity, comfort, and health. These spaces also offer a particular challenge to facility managers in gaining further energy efficiency. Alphalite's fluorescent and LED lighting solutions meet the needs of the office environment by delivering even greater energy savings, demand reduction through smart controls, dimming capabilities, and high quality of light for user comfort and productivity.





**STL**  
Panels and Troffers

**p.14**



**TSRF**  
Panels and Troffers

**p.12**



**ILT-CB**  
Panels and Troffers

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**BFPL**  
Linear Luminaires

**p.10**



**ILA**  
Linear Luminaires

**p.30**



**ILL**  
Linear Luminaires

**p.34**



# RETAIL

Alphalite luminaries can assist retailers in enhancing merchandise appearance, customer foot traffic, and attractiveness of products in retail spaces. Reduced operating costs can also be achieved through energy savings and demand reduction, resulting in better store performance.





**ILA**  
Linear Luminaires

**p.30**



**SJDL**  
Downlight

**p.20**



**LCDL**  
Downlight

**p.22**



**STL**  
Panels and Troffers

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**ILT-CB**  
Panels and Troffers

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**ILL**  
Linear Luminaires

**p.34**



# WAREHOUSE

Warehouse facilities offer particular challenges due to the high ceiling and mounting heights, dynamic environment, and potential high ambient temperatures. Material handling and logistics require adequate light levels to maintain safety, productivity, and proper facility function. Alphalite offers several solutions to deliver high lumen output, tremendous energy savings, reduced maintenance, and demand reduction through sensors. Despite the challenges, warehouse spaces pose a great opportunity for energy savings through sustainable lighting solutions.





**EHB**  
High / Low Bays

**p.52**



**HEB**  
High / Low Bays

**p.48**



**ILL**  
Linear Luminaires

**p.34**



**RXL**  
Retrofit Kits

**p.42**



**RHXS**  
High / Low Bays

**p.54**





# MANUFACTURING

Production spaces have various requirements for lighting, creating the challenge of specifying the correct lighting to optimize production. Dependent on the product being manufactured, the environmental needs, and facility setup, lighting needs will differ. Alpalite offers a wide range of solutions to fit the needs of manufacturers, including: high CRI and full color spectrum plasma, low glare and continuous row fluorescent, and high-efficacy LED.





**HEB**  
High / Low Bays

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**EHB**  
High / Low Bays

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**RHXS**  
High / Low Bays

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**LVT**  
Linear Luminaires

**p.36**



**ILL**  
Linear LED

**p.34**



# PARKING

Parking structures and areas can benefit from Alphalite's high-efficiency and sensor-integrated lighting solutions. With occupancy levels constantly changing, the dynamic environment of parking structures demand luminaires with advanced controls and minimum light levels for safety and security. Alphalite offers several options to create multi-level lighting scenarios, based on occupancy or ambient light levels. High performance fluorescent and LED offer energy-savings with lower wattage, while sensors reduce demand.





**ILL** p.34  
Linear Luminaires



**RXL** p.42  
Retrofit Kits



**LVT** p.36  
Linear Luminaires



**SCL** p.74  
Canopy and Parking  
Garage Luminaires



# AUTO DEALERSHIP

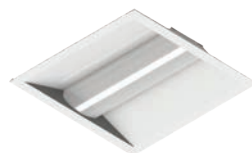
With both outdoor and indoor spaces being the showroom, car dealerships demand both areas to have superb lighting. Alphalite's proprietary Plasma technology delivers high intensity, high lumen output to the car surface, enhancing the appeal and visibility of the high value merchandise. With higher efficacy and more than 40% energy savings compared to HID, plasma lighting reduces operating costs. The electrodeless lamp lasts longer than HID, reducing costly maintenance. Indoor offices and showroom can benefit from energy-saving, long life LED solutions.





**SJDL**  
Downlight

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**IRT**  
Retrofit Kits

**p.40**



**RHXS**  
High / Low Bays

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**WPTA**  
Wall Luminaires

**p.60**



**SCL**  
Canopy and Parking Garage  
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**ALBE**  
Area Luminaires

**p.66**



# HALLWAY STAIRWELL CORRIDOR

With long durations of vacancy, these spaces provide tremendous opportunities for energy savings and demand reduction. By changing to more efficient light sources and integrating occupancy control solutions, lighting for hallways and stairwells can become more intelligent. LED inherently delivers great performance in frequently switched or dimmed situations, especially when combined with occupancy sensors. Find a solution that saves energy and adapts to occupant movements.



**ILA**  
Linear Luminaires

**p.30**



**CBW**  
Curved Basket Linear Wrap

**p.26**



**ILL**  
Linear LED

**p.34**



**LVT**  
LED Vapor Tight

**p.36**



**TSRF**  
Panels and Troffers

**p.12**





# EDUCATION

Facilities for education and learning require a high level of user control. Alphalite has an array of solutions that provide manual dimming and occupancy sensor integration to improve the function and quality of lighting while reducing energy consumption. Facility managers and operators can count on solutions that reduce maintenance, increase efficiency, and lower energy costs. The quality and performance of Alphalite's LED lighting can improve occupant, both student and educator, comfort and productivity.





**ILT-CB**  
Panels and Troffers

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**BFPL**  
Panels and Troffers

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**STL**  
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**ILL**  
Linear Luminaires

**p.34**



**TSRF**  
Panels and Troffers

**p.12**



# HEALTH CARE

Healthcare facilities pose unique challenges for lighting as health and well-being are of paramount importance in these spaces. For these dynamic environments, Alphalite has a variety of lighting solutions to deliver energy savings, lowered maintenance costs, and most importantly increased patient comfort and healthcare provider productivity.



**ILT-CB**  
Panels and Troffers

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**BFPL**  
Panels and Troffers

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**CBW**  
Linear Luminaires

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**IRT**  
Retrofit Kits

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