



LED LINEAR LAMPS
INTERIOR RETROFITS & LUMINAIRES
EXTERIOR LUMINAIRES
HAZARDOUS LOCATION LUMINAIRES
HORTICULTURAL LUMINAIRES
SOLAR STREET & AREA LUMINAIRES

JaMES[®]
Bring High Efficiency to Lighting

2019 Catalogue

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James Industry Group is a global leader in commercial and industrial LED lighting.

Founded in 2006 in GuanDong city of China, James was an LED industry pioneer in the design and manufacturing of linear LED T8 lamps. Since that time, James has grown to be one of the highest volume manufacturers of all types of T8 and T5 lighting as well as a wide array of LED retrofit kits and luminaires for interior and exterior applications. James manufacturing facilities now exceed 400,000 sq. ft. with over 1000 employees.

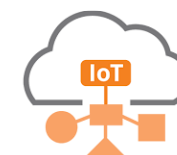
James has built a global reputation for innovative design and product reliability. James has literally millions of lamps and luminaires dependably operating around the world, providing an enhanced quality of light, safety and energy efficiency. To accomplish the very high volume production while maintaining quality product, James has high level of integrated testing and quality control as a part of all manufacturing processes. Additionally, James maintains a complete and comprehensive portfolio of compliance and performance certifications in all markets and industry segments.

James has built both a robust production infrastructure and a global management team to support product design, supply chain logistics, finance and marketing. Moreover, James has become very successful by building a global value chain where the team work of dedicated individuals build products that save energy, contribute to a cleaner environment and create business opportunities for economic prosperity around the world.

Both the LED Lighting Industry and the dynamics of global business are changing rapidly. As with many obstacles in the past and in the face of more to come, James remains true to one simple motivating idea: *Bring High Efficiency to Lighting.*



Marks



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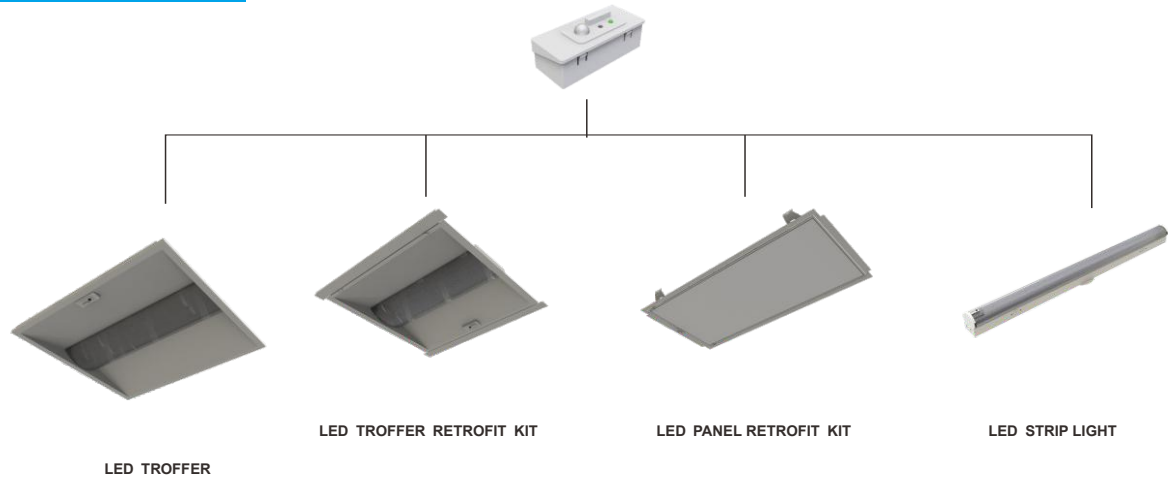
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Integrated Sensor- Combination of Daylight Sensor and Motion Sensor

FEATURES

- ◆ Bluetooth 2.4G wireless, lamps grouping setting control available.
- ◆ More than 20 meters control distance.
- ◆ Integrated of daylight sensor and motion sensor (PIR), Dimming function available.
- ◆ PIR motion sensor, working distance from 3 to 6 meters, working angle > 90 degrees
- ◆ APP control setting function,photocell LUX adjustable; dimming mode adjustable;dimming time adjustable.
- ◆ APP groups setting function, one lamp can be control by multiple phones.
- ◆ APP with energy saving analysis function,max wattage,dimming window, power saving and so on.

APPLICATIONS

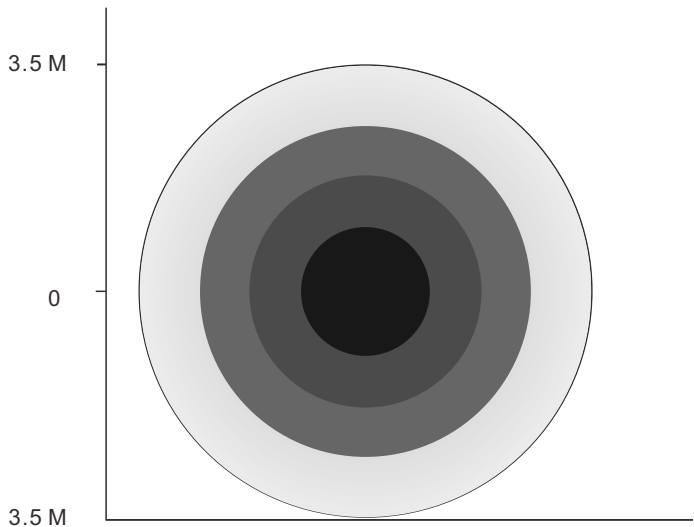


INSTALLATION

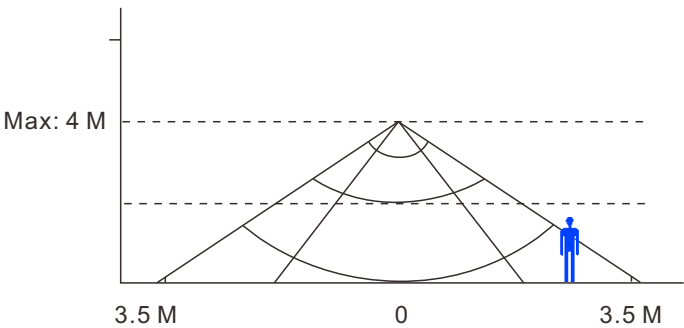
Items	Pictures	Suitable Luminaires	Function options
Bevel mounted		LED Troffer, Troffer retrofit kit	Photocell, APP+Bluetooth, Motion sensor
Recessed mounted		LED strip light	Photocell, APP+Bluetooth, Motion sensor
Surface mounted		LED panel retrofit kit	Photocell, APP+Bluetooth, Motion sensor

SENSOR SPECIFICATION

Parameter	Min.	Avg.	Max.	Units
Input Voltage	90		277	VAC
Frequency	50/60			Hz
Control distance	20			Meter
Sensor distance	3-6			Meter
Sensor angle	90			Degree
Max load wattage	36			W
Dimming adjust	0%-10%-20%-30%-40%-50%-60%-70%-80%-90%			
Time options	30S, 1min, 5min, 30min, 60min, 2H, on			
LUX options	0lux-10lux-25lux-50lux-100lux-200lux-500lux-on			
Dimming time	0-5S-10S-15S-20S-25S			

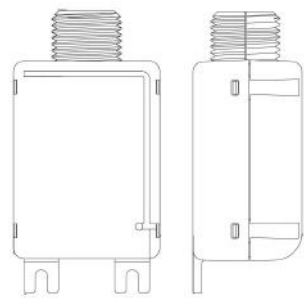


Sensor working area



Sensor working Height

Smart 0-10V Wireless Control System



0-10V Controller



Remote Switch

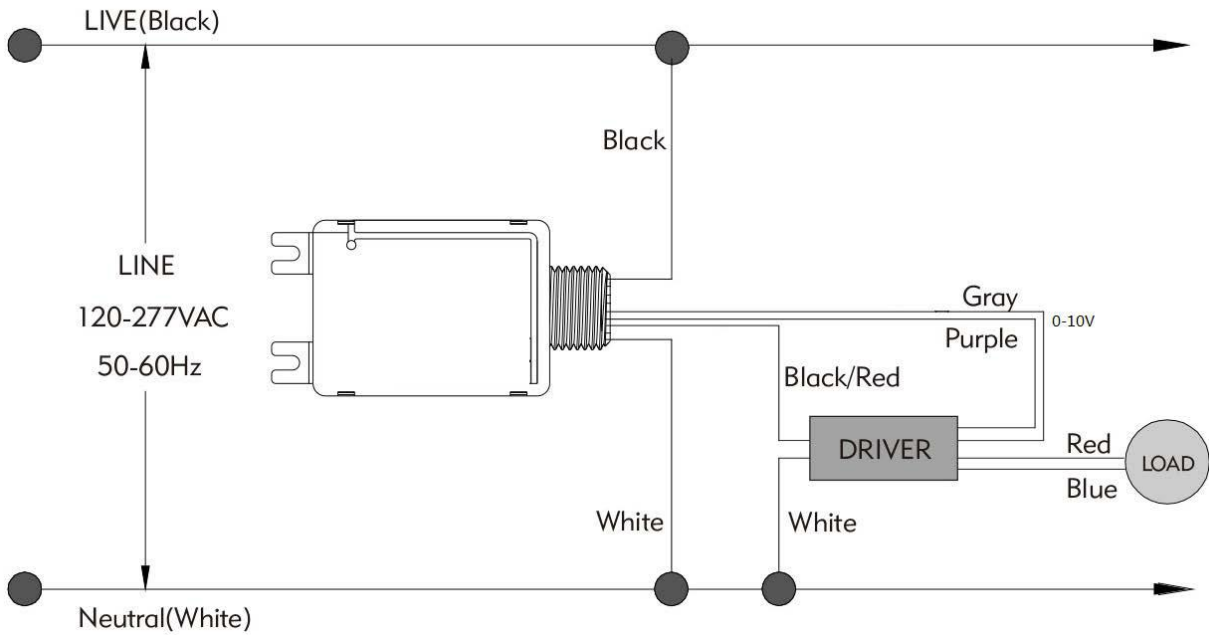
FEATURES

- ◆ Wireless connection between controller and light.
- ◆ Wireless dimming.
- ◆ Comply with California Title 24 which occupancy control and manual dimming with input from self-powered wireless switches and sensors
- ◆ Software for set-up.
- ◆ Remote controller combines dimming and switch functions .
- ◆ Options for switch with battery or self-power available.
- ◆ Compatible with any sensors including but not limited to daylight sensor and motion sensor.
- ◆ Software programming for dimming speed and brightness for different period of 24 hours or lamp lifespan.
- ◆ Lamps management by physical area and controlling by group network.
- ◆ 0-10V dimming.

APPLICATIONS

- ◆ Building automation and smart system.
- ◆ Smart home.
- ◆ Outdoor monitoring.
- ◆ Other locations which require Wireless controlling .

WIRING





HAZARDOUS LOCATION LUMINAIRES

► The JAMES Hazardous Location series provides a complete range of certified explosion proof lighting including fixed and portable work lights, flood light, area light, emergency lights, warning lights, surface, pole and wall mounts, linear lighting and accessories.

James Hazardous Location series draws from years of research and design, a technical knowledge base, advanced in-house testing facility, high capacity manufacturing and quality assurance systems to service the largest industrial customers around the globe.

- Suitable for all kinds of Hazardous Locations including but not limited to petrochemical industry, chemical industry, painting industry, wine industry, food industry, mining locations, and marine locations.
- Top safety, high quality and long lifespan.
- Full line certification to requirements of UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB
- Made in USA
- Suitable for petrochemical, marine, oil and gas, airspace, food, metal industry and other harsh environments.

HAZARDOUS LOCATION LUMINAIRES



► A Series

The Hazardous Location A series is rated and certified for use in all types of hazardous applications. It is designed for pole, suspended, bracket or arm mounting with optic options for task or general area illumination.

MODELS:	EX-20W A2YZDA	EX-40W A2YZDA	EX-60W A2YZDA	EX-80W AYZDA	EX-100W AYZDA	EX-120W A3YZDA	EX-150W A3YZDA	EX-200W A3YZDA
Rated Wattage:	20	40	60	80	100	120	150	200
Rated Lumens:	2800	5600	8400	11,200	14,000	16,800	21,000	28,000
Dimensions (Inch):	10.4 x 6.3 x 8.1			12.6 x 9.4 x 6.5		15 x 9.1 x 10.6		
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V							
CCT Options:	4000K / 5000K							
Beam Angle Options (Deg):	40 / 60 / 90 / 120							
CRI:	>70							
Control Options:	0-10VDC							
Protection Class:	IP66							
Mounting:	Arm Mounting and Bracket Mounting							
Compliance:	ETL /UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1							
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22.							



► B Series

The Hazardous Location B series is rated and certified for use in all types of hazardous applications. It is designed for pole, ceiling mounting, stanchion mounting, suspended, bracket or arm mounting with optic options for task or general area illumination.

MODELS:	EX-20W B2YZDA	EX-40W B2YZDA	EX-60W B2YZDA	EX-80W BYZDA	EX-100W B3YZDA	EX-120W B3YZDA	EX-150W B3YZDA	EX-200W B3YZDA
Rated Wattage:	20	40	60	80	100	120	150	200
Rated Lumens:	2800	5600	8400	11,200	14,000	16,800	21,000	28,000
Dimensions (Inch):	9.2 x 9 x 14			10.6 x 6.5 x 15.5	14.6 x 11.4 x 18.8			
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V							
CCT Options:	4000K / 5000K							
Beam Angle Options (Deg):	40 / 60 / 90 / 120							
CRI:	>70							
Control Options:	0-10VDC							
Protection Class:	IP66							
Mounting:	Arm Mounting, Ceiling Mounting, Bracket Mounting, Stanchion Mounting and Pendant							
Compliance:	ETL /UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1							
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1 & 2, Zone 20 & 21 & 22.							

HAZARDOUS LOCATION LUMINAIRES

► C Series

The Hazardous Location C series is rated and certified for use in all types of hazardous applications. It is designed for pole, ceiling mounting, stanchion mounting, suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-20W C2YZDA	EX-40W C2YZDA	EX-60W C2YZDA	EX-80W C2YZDA	EX-100W C3YZDA	EX-120W C3YZDA	EX-150W C3YZDA	EX-200W C3YZDA	EX-250W C3YZDA	EX-300W C3YZDA
Rated Wattage:	20	40	60	80	100	120	150	200	250	300
Rated Lumens:	2800	5,600	8,400	11,200	14,000	16,800	21,000	28,000	35,000	42,000
Dimensions (Inch):	D14x H10				D16 x H10				D17.4 x H10	
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V									
CCT Options:	4000K / 5000K									
Beam Angle Options (Deg):	40 / 60 / 90 / 120									
CRI:	≥70									
Control Options:	0-10VDC									
Protection Class:	IP66									
Mounting:	Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant									
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1									
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22.									

► D Series

The Hazardous Location D series is rated and certified for use in all types of hazardous applications. It is designed for pole,suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-20W D2YZDA	EX-40W D2YZDA	EX-60W D2YZDA	EX-80W D2YZDA	EX-100W DYZDA	EX-150W DYZDA	EX-180W DYZDA			
Rated Wattage:	20	40	60	80	100	150	180			
Rated Lumens:	2800	5600	8400	11,200	14,000	21,000	25,200			
Dimensions (Inch):	11.6 x 11.6 x 9.56				15.7 x 11.3 x 10					
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V									
CCT Options:	4000K / 5000K									
Bean Angle Options (Deg):	40 / 60 / 90 / 120									
CRI:	>70									
Control Options:	0-10VDC									
Protection Class:	IP66									
Mounting:	Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant									
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB									
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22.									

HAZARDOUS LOCATION LUMINAIRES

► E Series

The Hazardous Location E series is rated and certified for use in all types of hazardous applications. It is designed for pole, suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-40W EYZDA	EX-60W EYZDA	EX-80W EYZDA	EX-100W EYZDA	EX-120W EYZDA
Rated Wattage:	40	60	80	100	120
Rated Lumens:	5600	8400	11,200	14,000	16,800
Dimensions (Inch):	14 x 12 x 23				
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V				
CCT Options:	4000K / 5000K				
Bean Angle Options (Deg):	40 / 60 / 90 / 120				
CRI:	≥70				
Control Options:	0-10VDC				
Protection Class:	IP66				
Mounting:	Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant				
Compliance:	ETL /UL1598/UL1598A/UL844 /FCC/IECEX/ATEX/ABS/DNV/API Spec Q1				
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22.				

► F Series

The Hazardous Location F series is rated and certified for use in all types of hazardous applications. It is designed for pole, suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-40W EYZDA	EX-60W EYZDA	EX-80W EYZDA
Rated Wattage:	40	60	80
Rated Lumens:	5600	8400	11,200
Dimensions (Inch):	11.5 x 11.5 x 16.1		
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V		
CCT Options:	4000K / 5000K		
Bean Angle Options (Deg):	40 / 60 / 90 / 120		
CRI:	≥70		
Control Options:	0-10VDC		
Protection Class:	IP66		
Mounting:	Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant		
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1		
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22.		

HAZARDOUS LOCATION LUMINAIRES

► G Series

The Hazardous Location G series is rated and certified for use in all types of hazardous applications. It is designed for pole, ceiling mounting, stanchion mounting, suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-10W GYZDA	EX-20W GYZDA	EX-30W GYZDA	EX-40W GYZDA
Rated Wattage:	10	20	30	40
Rated Lumens:	1000	2000	3000	4000
Dimensions (Inch):	6.8 x 6.8 x 16.1			
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V			
CCT Options:	4000K / 5000K			
Bean Angle Options (Deg):	40 / 60 / 90 / 120			
CRI:	≥70			
Control Options:	0-10VDC			
Protection Class:	IP66			
Mounting:	Arm Mounting, Ceiling Mounting, Bracket Mounting, Stanchion Mounting and Pendant			
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB			
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22.			

► H Series

The Hazardous Location H series is rated and certified for use in all types of hazardous applications. It is designed as a linear luminaire with an adjustable yoke mount for use as general area illumination.



MODELS:	EX-10W H2YZDA	EX-20W H2YZDA	EX-40W H4YZDA	EX-50W H4YZDA	EX-30W I2YZDA	EX-40W I2YZDA	EX-60W I4YZDA	EX-80W I4YZDA
Rated Wattage:	10	20	40	50	30	40	60	80
Rated Lumens:	1400	2800	5600	7000	4200	5600	8400	11,200
Dimensions (Inch):	24 x 4.7 x 9.5		47 x 4.7 x 9.5		24 x 5.5 x 8.1		47 x 5.5 x 8.1	
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V				100-277V/200-480V/DC12V/DC24V			
CCT Options:	4000K / 5000K				4000K / 5000K			
Bean Angle (Deg):	120				120			
CRI:	≥70				≥70			
Control Options:	0-10VDC				0-10VDC			
Protection Class:	IP66				0-10VDC			
Mounting:	Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant				Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant			
Compliance:	ETL/UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1				ETL/UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1			
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III				Class I, Division 1 & 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1 & 2			

Zone 1& 2, Zone 20 & 21& 22.

I Series

The Hazardous Location I series is rated and certified for use in all types of hazardous applications. It is designed as a linear luminaire with an adjustable yoke mount for use as general area illumination.



EX-30W I2YZDA	EX-40W I2YZDA	EX-60W I4YZDA	EX-80W I4YZDA
30	40	60	80
4200	5600	8400	11,200
24 x 5.5 x 8.1	47 x 5.5 x 8.1		
100-277V/200-480V/DC12V/DC24V			
4000K / 5000K			
120			
≥70			
0-10VDC			
0-10VDC			
Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant			
ETL/UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1			
Class I, Division 1& 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2;			

Zone 20 & 21& 22.

HAZARDOUS LOCATION LUMINAIRES

► J Series

The Hazardous Location J series is rated and certified for use in all types of hazardous applications. It is designed for pole, suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-3W JC1D1	EX-7W JC1D1	EX-11W JC1D1
Rated Wattage:	3	7	11
Dimensions (Inch):	24 x 5.4 x 3.5		
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V		
CCT Options:	Red Illumination		
Protection Class:	IP66		
Mounting:	Wall Plate & Conduit Suspension Mount Standard		
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1		
Rating:	Class I, Division 1& 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22.		

► K Series

The Hazardous Location K series is rated and certified for use in all types of harzardous applications. The K series is an emergency marker and alarm sounding device with 3 hours of battery powered illumination in power outage conditions.



MODELS:	EX-11dB EWD
Dimensions (Inch):	6.78 x 8.35
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V
Flash Indicator:	150/min.
CCT Options:	Red Illumination
Protection Class:	IP66
Mounting:	Wall Plate & Conduit Suspension Mount Standard
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22.

► L Series

The Hazardous Location L series is rated and certified for use in all types of hazardous applications. The L series is a hand held work site luminaire for task or general illumination in small and confined spaces.



MODELS:	EX-5W LYZD	EX-7W LYZD	EX-9W LYZD
Wattage:	5	7	9
Rated Lumens:	650	910	1170
Dimensions (Inch):	5.2 x 20.7		
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V		
CCT Options:	3000K / 4000K / 5000K / 7000K		
Protection Class:	IP66		
Mounting:	Hand Grip / Integrated Hanger Hook		
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1		
Rating:	Class I, Division 1& 2; Class II, Division 1; Class II, Division 2; Class III		

HAZARDOUS LOCATION LUMINAIRES

► M Series

The Hazardous Location M series is rated and certified for use in all types of hazardous applications. This luminaire can be used as an area light, parking light and street light.



MODELS:	EX-60W MYZDA	EX-100W MYZDA	EX-150W MYZDA	EX-200W MYZDA
Rated Wattage:	60	100	150	200
Rated Lumens:	8400	14,000	21,000	28,000
Dimensions (Inch):	11.6 x 23.8 x 3.3		14.2 x 24.8 x 3.6	
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V			
CCT Options:	4000K / 5000K			
Beam Angle (Deg):	120			
CRI:	≥70			
Control Options:	0-10VDC			
Protection Class:	IP66			
Mounting:	Arm Mounting and Slip Fitter Mounting			
Compliance:	ETL/UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1/PTB			
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1 & 2, Zone 20 & 21 & 22.			

► N Series

The Hazardous Location N series is rated and certified for use in all types of hazardous applications. This luminaire can be used as an area light, parking light and street light.



MODELS:	EX-25W NYZDA	EX-35W NYZDA	EX-50W NYZDA
Rated Wattage:	25	35	50
Rated Lumens:	3500	4900	7000
Dimensions (Inch):	19.2 x 6.9 x 2.2		
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V		
CCT Options:	4000K / 5000K		
Bean Angle (Deg):	120		
CRI:	≥70		
Control Options:	0-10VDC		
Protection Class:	IP66		
Mounting:	Arm Mounting and Slip Fitter Mounting		
Compliance:	ETL/UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB		
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22		

HAZARDOUS LOCATION LUMINAIRES

► O Series

The Hazardous Location O series is rated and certified for use in all types of hazardous applications. It is designed for pole, ceiling mounting, stanchion mounting, suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-10W OYZDA	EX-20W OYZDA	EX-30W OYZDA	EX-40W OYZDA
Rated Wattage:	10	20	30	40
Rated Lumens:	1400	2800	4200	5600
Dimensions (Inch):	D5.37 x H8.66			
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V			
CCT Options:	4000K / 5000K			
Bean Angle (Deg):	120			
CRI:	≥70			
Control Options:	0-10VDC			
Protection Class:	IP66			
Mounting:	Arm Mounting, Ceiling Mounting, Stanchion Mounting and Pendant			
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB			
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22			

► P Series

The Hazardous Location P series is rated and certified for use in all types of hazardous applications. It is designed for bracket or arm mounting with optic options for task or general area illumination. Modular design makes repairing much more easier.



MODELS:	EX-20W/40W/60W/80W/100W P1YZDA	EX-100W/120W/150W/200W P2YZDA	EX-250W/300W/350W/400W P4YZDA
Rated Wattage:	20W-100W	100W-200W	250W-400W
Rated Lumens:	2800-14000	14000-28000	35000-56000
Dimensions (Inch):	14.2 x 10.2 x 8.46	20.4 x 11.2 x 8.46	22.0 x 20.5 x 8.46
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V		
CCT Options:	4000K / 5000K		
Bean Angle (Deg):	120		
CRI:	≥70		
Control Options:	0-10VDC		
Protection Class:	IP66		
Mounting:	Bracket Mounting		
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB		
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22 22.		

HAZARDOUS LOCATION LUMINAIRES

► Q Series

The Hazardous Location Q series is rated and certified for use in all types of hazardous applications. It is designed for pole, ceiling mounting, stanchion mounting, suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-40W QYZDA	EX-60W QYZDA	EX-80W QYZDA	EX-100W Q2YZDA	EX-150W Q2YZDA	EX-200W Q2YZDA
Rated Wattage:	40	60	80	100	150	200
Rated Lumens:	5600	8400	11200	14,000	21,000	28,000
Dimensions (Inch):	15.3 x 11.0 x 7.6			17.2 x 13.7x 8.9		
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V					
CCT Options:	4000K / 5000K					
Beam Angle (Deg):	120					
CRI:	≥70					
Control Options:	0-10VDC					
Protection Class:	IP66					
Mounting:	Arm Mounting, Ceiling Mounting, Bracket Mounting, Stanchion Mounting and Pendant					
Compliance:	ETL /UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1/PTB					
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1 & 2, Zone 20 & 21 & 22					

► S Series

The Hazardous Location S series is rated and certified for use in all types of hazardous applications. It is designed for pole, stanchion mounting, suspended, bracket or arm mounting with optic options for task or general area illumination.



MODELS:	EX-40W SYZDA	EX-60W SYZDA	EX-80W SYZDA	EX-100W S2YZDA	EX-150W S2YZDA	EX-200W S2YZDA
Rated Wattage:	40	60	80	100	150	200
Rated Lumens:	5,600	8,400	11,200	14,000	21,000	28,000
Dimensions (Inch):	D10.6xH7.8			D13.2xH10.2		
Voltage Options (VAC):	100-277V /200-480V/DC12V/DC24V					
CCT Options:	4000K / 5000K					
Beam Angle (Deg):	120					
CRI:	≥70					
Control Options:	0-10VDC					
Protection Class:	IP66					
Mounting:	Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant					
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB					
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1 & 2, Zone 20 & 21 & 22					

HAZARDOUS LOCATION LUMINAIRES

► R Series

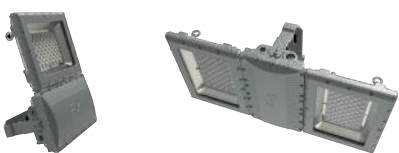
The Hazardous Location R series is rated and certified for use in all types of hazardous applications. This luminaire is ideal for surface mounting applications where high levels of task or general area illumination are required.



MODELS:	EX-20W/30W/40W/50W R2YZDA	EX-20W/30W/40W/50W/60W R3YZDA	EX-20W/30W/40W/50W/60W/72W R4YZDA
Rated Wattage:	20W-50W	20W-60W	20W-72W
Rated Lumens:	2800-7000	2800-8400	2800-10800
Dimensions (Inch):	29.5 x 7.9 x 4.8	41.3x 7.9 x 4.8	53.1x 7.9 x 4.8
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V		
CCT Options:	4000K / 5000K		
Bean Angle (Deg):	120		
CRI:	≥70		
Control Options:	0-10VDC		
Protection Class:	IP66		
Mounting:	Surface Mounting and Pendant		
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB		
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22		

► T Series

The Hazardous Location T series is rated and certified for use in all types of harzardous applications. This luminaire is ideal for bracket mounting application for task or general area illumination. Modular design makes repairing much more easier.



MODELS:	EX-20W/40W/60W/80W/100W T1YZDA	EX-100W/120W/150W/200W T2YZDA	EX-250W/300W/350W/400W T4YZDA
Rated Wattage:	20W-100W	100W-200W	250W-400W
Rated Lumens:	2800-14000	14000-28000	35000-56000
Dimensions (Inch):	22.8 x 16.5x 5.3	35.7 x 16.5 x 5.3	35.7 x 33.8x 5.3
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V		
CCT Options:	4000K / 5000K		
Bean Angle (Deg):	120		
CRI:	≥70		
Control Options:	0-10VDC		
Protection Class:	IP66		
Mounting:	Bracket Mounting		
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB		
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22		

HAZARDOUS LOCATION LUMINAIRES

► U Series

The Hazardous Location U series is rated and certified for use in all types of hazardous applications. Three hours back up battery is an option for emergency application.



MODELS:	EX-100W UYZDA
Rated Wattage:	100
Rated Lumens:	14000
Dimensions (Inch):	11.0x 5.2x 3.5
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V
CCT Options:	4000K / 5000K
Bean Angle (Deg):	120
CRI:	≥70
Control Options:	0-10V dimming
Protection Class:	IP66
Mounting:	Portable installation with hook or magnet
Compliance:	ETL /UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1/PTB
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22

► W Series

The Hazardous Location W series is rated and certified for use in all types of hazardous applications.



MODELS:	EX-AlarmW1
Rated Voltage:	24DC/ 100-277VAC 50/60Hz
Max Output:	135dB(A) at 1 meter,120 dB(A) at 3 meter
Dimensions (Inch):	8.6x 18.5
Voltage (VAC):	100-277V/200-480V/DC12V/DC24V
Effective Intensity:	500 cd
Peaking Intensity:	1,000,000 cd
Alarm Rang:	64 alarm tones with 4 stages/ channels
Control Options:	N/A
Protection Class:	IP66
Mounting:	Arm Mounting, Bracket Mounting, Stanchion Mounting and Pendant
Compliance:	ETL /UL1598/UL1598A/UL844/IECEX/ATEX/ABS/DNV/API Spec Q1/PTB
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22

HAZARDOUS LOCATION LUMINAIRES

► V Series

The Hazardous Location V series is rated and certified for use in all types of harzardous applications.



MODELS:	EX-3W VYZDA
Rated Wattage:	3W
Rated Lumens:	420
Dimensions (Inch):	14.7 x 8.0 x 1.5
Voltage Options (VAC):	100-277V/200-480V/DC12V/DC24V
CCT Options:	N/A
Bean Angle (Deg):	360
CRI:	≥70
Control Options:	N/A
Protection Class:	IP66
Mounting:	N/A
Compliance:	ETL /UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1/PTB
Rating:	Class I, Division 2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22

► Outlet Conduit Box



MODELS:	Ex-Junction01
Rated Wattage:	N/A
Rated Lumens:	N/A
Dimensions (Inch):	19.2 x 6.9 x 2.2
Voltage (VAC):	N/A
CCT Options:	N/A
Bean Angle (Deg):	N/A
CRI:	N/A
Control Options:	N/A
Protection Class:	N/A
Mounting:	N/A
Compliance:	ETL /UL1598/UL1598A/UL844 /IECEX/ATEX/ABS/DNV/API Spec Q1/PTB
Rating:	Class I, Division 1&2; Class II, Division 1; Class II, Division 2; Class III/Zone 1& 2, Zone 20 & 21& 22



LED Full Angles Portable Working Light

General Introduction

This full angles portable working light can be used as a spot light, flood light, wall light and so on. This fixture can be extended to almost 4 meters and can generate 21000 lumens. With the super quality battery, this fixture can keep to work more than 24 hours after full recharging.

Features

- 360 degree adjustable light for every application requirement
- Easy to deploy and install takes less than 50 seconds only
- Modularized designing make repair easy
- Rechargeable battery back up for portable application
- IP 67 waterproof rating
- High quality aircraft aluminum for outstanding impact resistance Fire
- protection which can be used in explosion proof locations



A Series

The A series audio working combines speaker with lighting source for working applications. People can listen music at the working site.



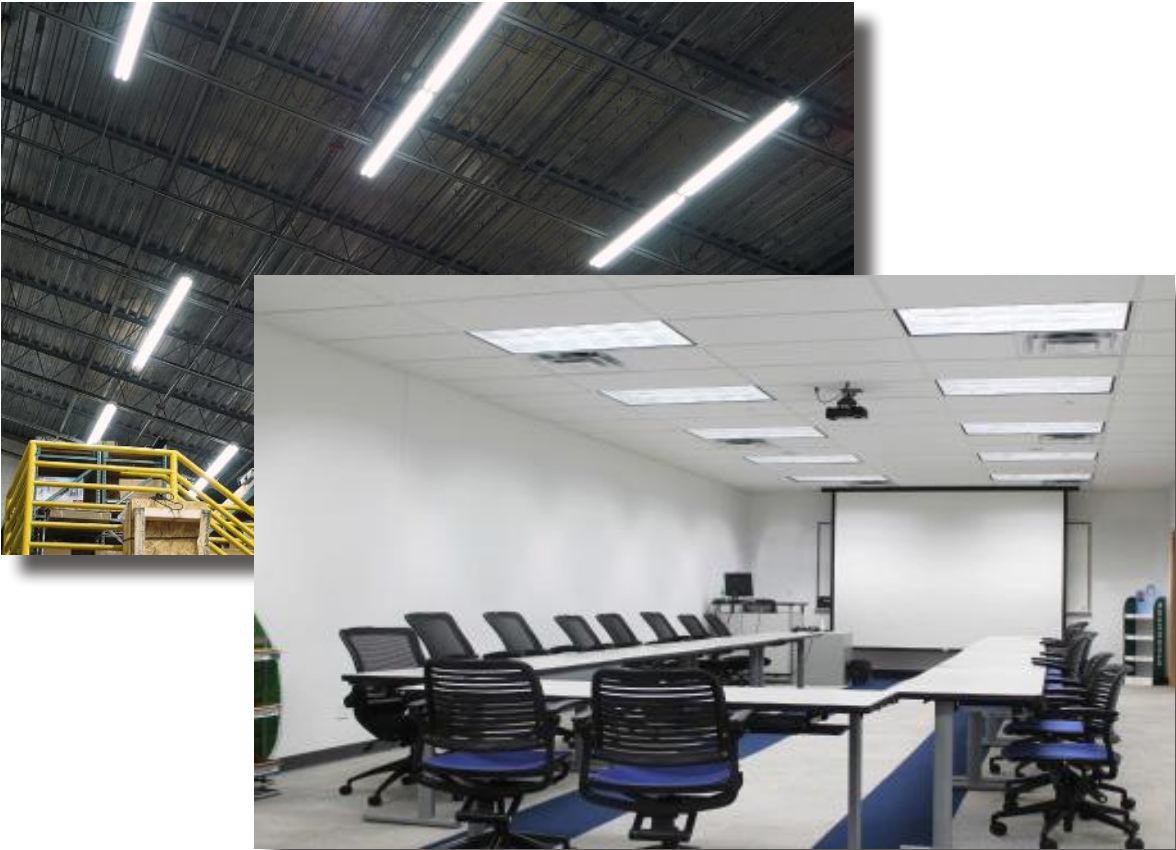
MODELS:	MBL-20W ADZ	MBL-50W ADZ
Rated Wattage:	20W	50W
Rated Lumens:	3000	7500
Dimensions (Inch):	8.6 x 6.8 x 3.0	8.6 x 6.8 x 3.0
Voltage Options (VAC):	100-277	
CCT Options:	4000K / 5000K	
Bean Angle (Deg):	100	
CRI:	≥70	
Control Options:	0-10VDC	
Protection Class:	IP66	
Mounting:	Bracket mouting, portable, surface mounting with magnet	
Compliance:	UL	
Rating:	N/A	

B Series

The B series heaving duty portable working light provide with battery back up can provide hight brightness up to 14000 lumens for various working applications .



MODELS:	MBL-A15 BDZ	MBL-A20 BDZ	MBL-A60 BDZ	MBL-A15 BDZ
Rated Wattage:	15W	20W	60W	15W
Rated Lumens:	2250	3000	9000	2250
Dimensions (Inch):	7.0 x 5.4 x 2.2	7.0 x 5.4 x 2.2	9.4 x 7.3 x 2.9	10.5 x 8.2 x 3.3
Voltage (VAC):	100-277			
CCT Options:	4000K / 5000K			
Bean Angle (Deg):	100			
CRI:	≥70			
Control Options:	0-10VDC			
Protection Class:	IP66			
Mounting:	Bracket mouting, portable, surface mounting with magnet			
Compliance:	UL			
Rating:	N/A			



LED LINEAR LAMPS

Beginning in 2006, JAMES has been an global industry leader in the innovation, design and high volume manufacturing of T8 and T5 LED tubes. James continues that leadership with constant updates to application design, product safety and LED efficacy.

The JAMES LED tubes series covers the entire range of UL Type A / Type A+B / Type C linear lamps with multiple wattages, tube material types, with all types of connector, size and shape configurations.

- ▶ UL Type A-B Dual Mode Ballast Compatible / Line Voltage. The most versatile and time saving retrofit available.
- ▶ UL Type A Ballast Compatible. Direct retrofit without ballast removal. Compilable with all electronic ballast types.
- ▶ UL Type C Exterior Power Supply. Low voltage DC power tubes for enhanced safety in any retrofit troffer or luminaire.
- ▶ Material options including aluminum/polycarbonate, nano plastic, glass, frosted or clear lens, dry and damp location ratings.
- ▶ Connector options including T8-G13, T5-G5, 2G11, R17D, PL, PLL and single or dual end power connection.

LED TUBE SERIES

DUAL MODE T8 Type A+B SERIES

Aluminum / PC Tube

Time saving retrofit using existing ballasts or ballast bypass line voltage. Enhanced safety design and long life, reliable components.



MODEL:	2FT - 10W	2FT - 15W	2FT - 15W UBend	3FT - 15W
Part Number:	ZY-T8-10W600 BIXX	ZY-T8-15W600 BIXX	ZY-T8-15W600U	ZY-T8-15W900 BIXX
Length (inch):	24	24	24	36
Rated Wattage:	10	15	15	15
Rated Lumens:	1600	2400	2400	2400
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL			
System Watts per Ballast Factor (Low / Med / High):	11.5 / 12.5 / 13.5	16.5 / 17.5 / 20.5	16.5 / 17.5 / 20.5	16.5 / 17.5 / 20.5

MODEL:	4FT - 10W	4FT - 12W	4FT - 15W	4FT - 18W
Part Number:	ZY-T8-10W1200 BIXX	ZY-T8-12W1200 BIXX	ZY-T8-15W1200 BIXX	ZY-T8-18W1200 BIXX
Length (inch):	48	48	48	48
Rated Wattage:	10	12	15	18
Rated Lumens:	1600	1920	2400	2880
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL			
System Watts per Ballast Factor (Low / Med / High):	11.5 / 12.5 / 13.5	13.5 / 16.5 / 17.5	16.5 / 17.5 / 20.5	19.5 / 21.5 / 22.5
System Lumens per Ballast Factor (Low / Med / High):	1437 / 1550 / 1680	1680 / 2069 / 2180	2069 / 2180 / 2560	2430 / 2680 / 2810

MODEL:	4FT - 20W	5FT - 18W
Part Number:	ZY-T8-20W1200 BIXX	ZY-T8-18W1500 BIXX
Length (inch):	48	60
Rated Wattage:	20	18
Rated Lumens:	3200	2880
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
System Watts per Ballast Factor (Low / Med / High):	21.5 / 23.5 / 24.5	19.5 / 21.5 / 22.5
System Lumens per Ballast Factor (Low / Med / High):	2680 / 2930 / 3060	2430 / 2680 / 2810

LED TUBE SERIES

DUAL MODE T8 Type A+B SERIES

Nano Plastic Tube

Time saving retrofit using existing ballasts or ballast bypass line voltage. Enhanced safety design and long life, reliable components in an unbreakable, thermally conductive plastic tube.



MODEL:	2FT - 10W	3FT - 10W
Part Number:	ZY-T8P-10W600 BIXX	ZY-T8P-10W900 BIXX
Length (inch):	24	36
Rated Wattage:	10	10
Rated Lumens:	1400	1400
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
System Watts per Ballast Factor (Low / Med / High):	11.5 / 12.5 / 13.5	11.5 / 12.5 / 13.5

MODEL:	4FT - 10W	4FT - 12W	4FT - 15W
Part Number:	ZY-T8P-10W1200 BIXX	ZY-T8P-12W1200 BIXX	ZY-T8P-15W1200 BIXX
Length (inch):	48	48	48
Rated Wattage:	10	12	15
Rated Lumens:	1400	1680	2100
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL		
System Watts per Ballast Factor (Low / Med / High):	11.5 / 12.5 / 13.5	13.5 / 16.5 / 17.5	16.5 / 17.5 / 20.5
System Lumens per Ballast Factor (Low / Med / High):	1437 / 1550 / 1680	1680 / 2069 / 2180	2069 / 2180 / 2560

DUAL MODE PL

Type A/B SERIES

Retrofit for PL lamps in typical downlight fixtures.



MODEL:	PLH - 9W	PLV-9W	PLL-17W	PLV-23W
Part Number:	PLH-09W-BP	PLV-09W-BP	PLL-17W-BP	PLV-23W-BP
Rated Wattage:	9	9	17	23
Rated Lumens:	1000	1000	2200	2800
Connector/Base:	G24d	G24d	2G11	2G11
Input Voltage (VAC):	100-277	100-277	100-277	100-277
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL			

LED TUBE SERIES

BALLAST COMPATIBLE T8 Type A SERIES

Aluminum / PC Tube

Time saving retrofit using existing ballast. Compatible with all electronic ballast types. Enhanced safety design and long life, reliable components.



MODEL:	2FT - 12W	3FT - 10W
Part Number:	BT812W2FT	BT812W3FT
Length (inch):	24	36
Rated Wattage:	12	12
Rated Lumens:	1620	1620
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
System Watts per Ballast Factor (Low / Med / High):	13.5 / 14.5 / 16.5	13.5 / 14.5 / 16.5
System Lumens per Ballast Factor (Low / Med / High):	1765 / 1885 / 2145	1765 / 1885 / 2145

MODEL:	4FT - 12W	4FT - 14W
Part Number:	BT812W4FT	BT814W4FT
Length (inch):	48	48
Rated Wattage:	12	14
Rated Lumens:	1620	1890
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
System Watts per Ballast Factor (Low / Med / High):	13.5 / 14.5 / 16.5	15.5 / 16.5 / 18.5
System Lumens per Ballast Factor (Low / Med / High):	1765 / 1885 / 2145	2015 / 2145 / 2405

LED TUBE SERIES

▶ BALLAST COMPATIBLE T8 Type A SERIES

Nano Plastic Tube

Time saving retrofit using existing ballasts. Enhanced safety design and long life, reliable components in an unbreakable, thermally conductive plastic tube.



MODEL:	2FT - 10W	3FT - 10W
Part Number:	BT8P10W2FT	BT8P10W3FT
Length (inch):	24	36
Rated Wattage:	10	10
Rated Lumens:	1620	1620
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
System Watts per Ballast Factor (Low / Med / High):	13.5 / 14.5 / 16.5	13.5 / 14.5 / 16.5
System Lumens per Ballast Factor (Low / Med / High):	1765 / 1885 / 2145	1765 / 1885 / 2145

MODEL:	4FT - 12W	4FT - 14W
Part Number:	BT8P12W4FT	BT8P14W4FT
Length (inch):	48	48
Rated Wattage:	12	14
Rated Lumens:	1620	1890
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
System Watts per Ballast Factor (Low / Med / High):	13.5 / 14.5 / 16.5	15.5 / 16.5 / 18.5
System Lumens per Ballast Factor (Low / Med / High):	1765 / 1885 / 2145	2015 / 2145 / 2405

LED TUBE SERIES

▶ LINE VOLTAGE T8 Type B SERIES

Aluminum / PC Tube

Time saving retrofit using existing ballast bypass line voltage. Enhanced safety design and long life, reliable components.



MODEL:	2FT - 10W	3FT - 10W	2FT - 13W UBend	2FT - 15W UBend
Part Number:	ZY-T8-10W600 BINS/BINT	ZY-T8-10W900 BINS/BINT	ZY-T8-13W600U BINS/BINT	ZY-T8-15W600U BINS/BINT
Length (inch):	24	36	24	24
Rated Wattage:	10	10	13	15
Rated Lumens:	1400	1400	1820	2100
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL			
Connector options:	Single End / Double End			

MODEL:	4FT - 10W	4FT - 12W	4FT - 15W	4FT - 18W
Part Number:	ZY-T8-10W1200 BINS/BINT	ZY-T8-12W1200 BINS/BINT	ZY-T8-15W1200 BINS/BINT	ZY-T8-18W1200 BINS/BINT
Length (inch):	48	48	48	48
Rated Wattage:	10	12	15	18
Rated Lumens:	1400	1680	2100	2520
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL			
Connector options:	Single End / Double End			

MODEL:	4FT - 22W	5FT - 22W	6FT - 30W
Part Number:	ZY-T8-22W1200 BINS/BINT	ZY-T8-22W1500 BINS/BINT	ZY-T8-30W1800 BINS/BINT
Length (inch):	48	60	72
Rated Wattage:	22	22	30
Rated Lumens:	3080	3080	4200
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL		
Connector options:	Single End / Double End		

MODEL:	8FT - 30W	8FT - 40W Fa8
Part Number:	ZY-T8-30W2400 BINT	ZY-T8-40W2400 BINT
Length (inch):	96	96
Rated Wattage:	30	40
Rated Lumens:	4200	5600
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
Connector:	Single End	

MODEL:	2FT - 13W 2G11	2FT - 15W 2G11
Part Number:	ZY-T8-13W600 2G11 BINS	ZY-T8-15W600 BINT
Length (inch):	24	24
Rated Wattage:	13	15
Rated Lumens:	1820	2100
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
Connector:	Single End	

LED TUBE SERIES

▶ LINE VOLTAGE T8 Type B SERIES

Nano Plastic Tube

Time saving retrofit using existing ballast bypass line voltage.
Enhanced safety design and long life, reliable components in an unbreakable, thermally conductive plastic tube..



MODEL:	2FT - 10W	3FT - 10W	4FT - 10W	4FT - 12W
Part Number:	ZY-T8P-10W600 BINT	ZY-T8P-10W900 BINT	ZY-T8P-10W1200 BINT	ZY-T8P-12W1200 BINT
Length (inch):	24	36	48	48
Rated Wattage:	10	10	10	12
Rated Lumens:	1700	1700	1700	2040
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL			
Connector options:	Single End / Double End			

MODEL:	4FT - 15W
Part Number:	ZY-T8P-15W1200 BINT
Length (inch):	48
Rated Wattage:	15
Rated Lumens:	2550
CCT options:	3000 - 5000
Compliance:	UL / cUL
Connector options:	Single End / Double End

LED TUBE SERIES

▶ EXTERNAL DRIVER T8 Type C SERIES

Aluminum / PC Tube

Time saving retrofit using existing
using an external class 2 power supply for
enhanced safety, dimmability and extended
LED lifetime.



MODEL:	2FT - 10W	3FT - 10W	2FT - 15W UBend	2FT - 15W 2G11
Part Number:	ZY-T8-10W600 BONT/BODT	ZY-T8-10W900 BONT/BODT	ZY-T8-15W600U BONT/BODT	ZY-T8-15W600 2G11 BONT/BODT
Length (inch):	24	36	24	24
Rated Wattage:	10	10	15	15
Rated Lumens:	1400	1400	2100	2100
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL			
Driver options:	See James Class 2 Power Supply Series. 1 / 2 / 3 / 4 tube capacity drivers available.			

MODEL:	4FT - 10W	4FT - 12W	4FT - 15W	4FT - 18W
Part Number:	ZY-T8-10W1200 BONT/BODT	ZY-T8-12W1200 BONT/BODT	ZY-T8-15W1200 BONT/BODT	ZY-T8-18W1200 BONT/BODT
Length (inch):	48	48	48	48
Rated Wattage:	10	12	15	18
Rated Lumens:	1400	1680	2100	2520
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL			
Driver options:	See James Class 2 Power Supply Series. 1 / 2 / 3 / 4 tube capacity drivers available.			

MODEL:	4FT - 22W	5FT - 22W	6FT - 30W
Part Number:	ZY-T8-22W1200 BONT/BODT	ZY-T8-22W1500 BONT/BODT	ZY-T8-30W1800 BONT/BODT
Length (inch):	48	60	72
Rated Wattage:	22	22	30
Rated Lumens:	3080	3080	4200
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL		
Driver options:	See James Class 2 Power Supply Series. 1 / 2 / 3 / 4 tube capacity drivers available.		

MODEL:	8FT - 40W
Part Number:	ZY-T8-40W2400 BONT/BODT
Length (inch):	96
Rated Wattage:	40
Rated Lumens:	5600
CCT options:	3000 - 5000
Compliance:	UL / cUL
Driver options:	See James Class 2 Power Supply Series.

LED TUBE SERIES

▶ EXTERNAL DRIVER T8 Type C SERIES

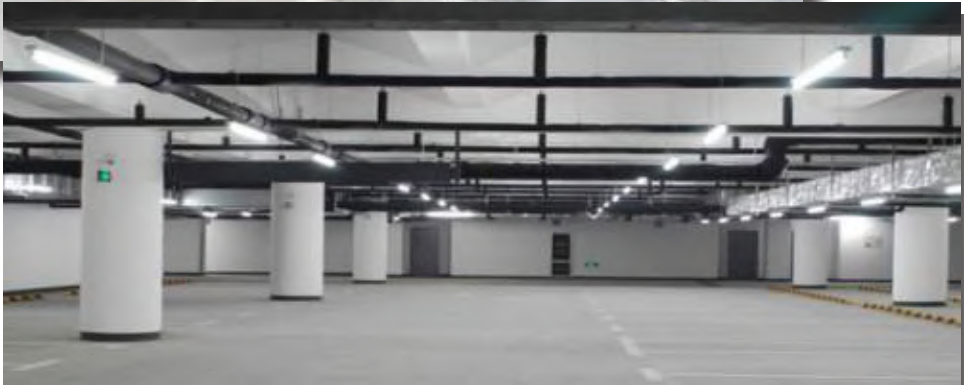
Nano Plastic Tube

Time saving retrofit using existing using an external class 2 power supply for enhanced safety, dimmability and extended LED lifetime in an unbreakable, thermally conductive plastic tube..



MODEL:	2FT - 10W	3FT - 10W	4FT - 10W
Part Number:	ZY-T8P-10W600 BONT	ZY-T8P-10W900 BONT	ZY-T8P-10W1200 BONT
Length (inch):	24	36	48
Rated Wattage:	10	10	10
Rated Lumens:	1400	1400	1400
CCT options:	3000 - 5000	3000 - 5000	3000 - 5000
Compliance:	UL / cUL		
Driver options:	See James Class 2 Power Supply Series. 1 / 2 / 3 / 4 tube capacity drivers available.		

MODEL:	4FT - 12W	4FT - 15W
Part Number:	ZY-T8P-12W1200 BONT	ZY-T8P-15W1200 BONT
Length (inch):	48	48
Rated Wattage:	12	15
Rated Lumens:	1680	2100
CCT options:	3000 - 5000	3000 - 5000
Compliance:	UL / cUL	
Driver options:	See James Class 2 Power Supply Series. 1 / 2 / 3 / 4 tube capacity drivers available.	



INTERIOR RETROFITS & LUMINAIRES

- JAMES interior luminaires are all designed to provide both the efficiency and maintenance free operation of LED with the form factors and features that designers, engineers and architects require for a full range of applications. These luminaires are ideal for commercial and industrial environments and add to both the aesthetics and general quality of illumination. James products are used around the world in retail, education, factories and warehouses and many more applications.
- Global, national and regional compliance to all the most recent standards for safety, performance and application efficacy.
 - Global production capacities with regional warehousing to fulfill project requirements of any scale large or small.
 - Constant design and performance updates responding to real world demands for the newest features in all market segments.
 - With millions of units manufactured and installed, James products demonstrate a product reliability rate second to none in the lighting industry.

HIGH BAY LUMINAIRES

► UFO Series

Designed with both rugged IP 65 rated housing and aesthetically pleasing cast aluminum finish for a range of applications including low bay, retail, industrial operations and general high bay illumination.



MODELS:	UFO- yyyW A1YZD120	UFO-yyyW A2YZD120	UFO-yyyW A3YZD120
Available Wattages:	80 /100	150/200	240 / 300
Lumens:	12,000 / 15,000	22,500 / 30,000	36,000 / 45,000
Dimensions W/H (inch):	12.6 x 7.7	15.1 x 8.7	17.7 x 8.7
Voltage Options (VAC):	100-277 / 200-480		
Controls System:	0-10VDC Dimming Standard		
CCT Options:	3000 K / 4000K / 5000K / 5700K		
Compliance:	UL / cUL		
Beam Angle (Deg):	120		
Power Factor	>0.99		
CRI:	>80		
Protection class:	IP65		

► Linear High Bay Series

Designed for economical retrofit cost, low operating cost and a 100% maintenance free lifespan. The Linear High Bay Series replace all types of fluorescent high bay troffers in warehouse, supermarket, retail, education and all other general area interior illumination applications.



MODELS:	H2-	H5	H3	H6
Available Wattages:	80	100/160	160	220/320
Lumens:	10,800 /	13,500/21,600	21,600	29,700/43,200
Dimensions W/H (inch):	23.8 x 12.6	23.8 x 17.3	45.9 x 12.6	45.9 x 17.3
Voltage Options (VAC):	100-277 / 200-480			
Controls System:	0-10VDC Dimming Optional			
CCT Options:	3000 K / 4000K / 5000K / 5700K			
Compliance:	UL / cUL			
Beam Angle (Deg):	120			
Power Factor	>0.99			
CRI:	>80			
Protection class:	IP40			

HIGH BAY LUMINAIRES

► HO6 Series

A traditional High bay design with the efficacy, control features and maintenance free operation of LED. The HO6 series is ideal for any commercial and architectural low and medium height general illumination applications.



MODELS:	HO6
Available Wattages:	115 / 160 / 215
Lumens:	15,000 / 21,000 / 28,000
Dimensions W/H (inch):	13.8 x 12.4
Voltage Options (VAC):	100-277 / 227-480
Controls System:	0-10VDC Dimming Standard
CCT Options:	3000K / 4000K / 5000K / 6500K
Compliance:	UL / cUL
Beam Angle (Deg):	120
Power Factor	>.99
CRI:	>80
Protection class:	IP54 Damp Location

► ZY-S Series

Designed for both architectural and commercial applications where both aesthetics and high efficiency are specified. The ZY-S replaces all types of surface mount or suspended fluorescent high bay troffers in warehouse, supermarket, retail, education and all other general area interior illumination applications.



MODELS:	ZY-S4 / ZY-S5
Available Wattages:	80 / 100 / 150 / 200
Lumens:	11,200 / 14,000 / 21,000 / 28,000
Dimensions W/H (inch):	48 x 6 x 4 / 60 x 6 x 4
Voltage Options (VAC):	100-277 / 200-480
Controls System:	0-10VDC Dimming Optional
CCT Options:	3000 K / 4000K / 4500K / 5000K / 5700K
Compliance:	UL / cUL
Beam Angle (Deg):	120
Power Factor	>0.95
CRI:	>80
Protection class:	IP40

LINEAR LUMINAIRES

► Integrated Fixture Series

Available in 2ft and 4ft. linkable lengths for installation lengths up to 8ft. of seamless illumination. Surface or suspended mounting.



MODELS:	2FT - 10W	4FT - 12W	4FT - 15W	4FT - 18W	4FT - 22W	8FT - 30W	8FT - 40W
Part Number:	ZY-T8-10W	ZY-T8-12W	ZY-T8-15W	ZY-T8-18W	ZY-T8-22W	ZY-T8-30W	ZY-T8-40W
	600 BINS	1200 BINS	1200 BINS	1200 BINS	1200 BINS	2400 BINS	2400 BINS
Length (inch):	24	48	48	48	48	96	96
Wattage:	10	12	15	18	22	30	40
Lumens:	1400	1680	2100	2520	3080	4200	5600
Voltage Options (VAC):	100-277 / 100-347						
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K						
Compliance:	UL / cUL						
Beam Angle (Deg):	120						
CRI:	>80						
Protection class:	IP54						

► Vapor Tight Series

The ZY-STP Vapor Tight series is IP65 rated for use in any commercial or industrial environment where dust, debry and water is present. This luminaire is compatible for integration with motion sensors and emergency battery backup. It can be surface mounted or suspended.



MODELS:	26in - 48W	48in - 24W	48in - 50W	50in - 24W	50in - 35W	50in - 48W	50in - 90W
Part Number:	ZY-STP	ZY-STPA	ZY-STPA	ZY-STP	ZY-STP	ZY-STP	ZY-STP
	8417-48W	124-24W	224-50W	8132-24W	8232-24W	8232-48W	8432-90W
Length (inch):	26.3	48.5	48.5	50	50	50	50
Wattage:	48	24	50	24	35	48	90
Lumens:	6720	3360	7000	3360	4900	6720	12,600
Voltage Options (VAC):	100-277 / 100-347						
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K						
Compliance:	UL / cUL						
Beam Angle (Deg):	120						
CRI:	>80						
Protection class:	IP65						

LINEAR LUMINAIRES

► Refrigeration Luminaire Series

Designed for humid and wet refrigeration applications, these linear luminaires are ideal for retail display and NSF rated food processing applications. Available in 2ft / 4ft / 5ft /6ft lengths as either Type B (line voltage direct) or Type C (external driver types).



MODELS:	2FT - 8W	3FT - 12W	4FT - 12W	4FT - 18W	5FT - 20W	5FT - 22W	6FT - 22W	6FT - 30W
Part Number:	ZY-8W600	ZY-12W900	ZY-12W1200	ZY-18W1200	ZY-20W1500	ZY-22W1500	ZY-22W1800	ZY-30W1800
Length (inch):	24	36	48	48	60	60	72	72
Wattage:	8	12	12	18	20	22	22	30
Lumens:	1120	1680	1680	2520	2800	3080	3080	4200
Voltage Options (VAC):	100-277 / 100-382							
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K							
CRI:	>80							
Compliance:	UL / cUL							

► Tri Proof Luminaire Series

The ZY-S Tri Proof series is IP65 rated for use in any commercial or industrial environ-ment where dust, vapor and water is present. This luminaire is compatible for integra-tion with motion sensors and emergency battery backup. The ZY-S series is designed to be architecturally decorative in either surface mounted or suspended applications.



MODELS:	ZY-S4 / ZY-S5
Available Wattages:	80 / 100 / 150 / 200
Lumens:	11,200 / 14,000 / 21,000 / 28,000
Length (inch):	48.8 x 4 x 3.6 / 60 x 4 x 3.6
Voltage Options (VAC):	100-277 / 100-347
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K
Dimming Option:	0-10VDC Standard
Beam Angle (Deg):	120
CRI:	>80
Protection class:	IP65
Compliance:	UL / cUL

LINEAR LUMINAIRES

► Strip Light Luminaire Series

The ZY-ST Strip Light series is ideal for retail, education, medical, offices and other areas where glare free and consistent general illumination is required. This luminaire is compatible for integration with motion sensors and emergency battery backup. The ZY-ST series is designed to be architecturally decorative in either surface mounted or suspended applications.



MODELS:	ZY-ST4FT24	ZY-ST4FT40	ZY-ST8FT48	ZY-ST8FT56	ZY-ST8FT60	ZY-ST8FT68	ZY-ST8FT80
Part Number:	ZY-ST4FT24	ZY-ST4FT40	ZY-ST8FT48	ZY-ST8FT56	ZY-ST8FT60	ZY-ST8FT68	ZY-ST8FT80
Length (inch):	48	48	96	96	96	96	96
Wattage:	24	40	48	56	60	68	80
Lumens:	3360	5600	6720	7840	8400	9520	11,200
Voltage Options (VAC):	100-277						
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K						
Dimming:	0-10VDC Standard						
Beam Angle (Deg):	120						
CRI:	>80						
Protection class:	UL Damp Location						
Compliance:	UL / cUL						

► Mini Strip Luminaire Series

The ZY-SP and ZY-DP Strip Light series is ideal for retail, education, medical, offices and other areas where glare free and consistent general illumination is required. This luminaire is compatible for integration with motion sensors and emergency battery backup.



MODELS:	ZY-SP4FT15	ZY-SP4FT18	ZY-SP4FT22	ZY-DP4FT30	ZY-DP4FT36	ZY-DP4FT44
Part Number:	ZY-SP4FT15	ZY-SP4FT18	ZY-SP4FT22	ZY-DP4FT30	ZY-DP4FT36	ZY-DP4FT44
Length (inch):	48	48	48	48	48	48
Wattage:	15	18	22	30	36	44
Lumens:	2100	2520	3080	4200	5040	6160
Voltage Options (VAC):	100-277 / 100-347					
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K					
Dimming Options:	0-10VDC					
Beam Angle (Deg):	120					
CRI:	>80					
Compliance:	UL / cUL					

LINEAR LUMINAIRES



► LED Wrap Luminaire Series

The ZY-STP4 Wrap Light series is ideal for retail, education, medical, offices and other areas where glare free and consistent general illumination is required. This luminaire is compatible for integration with motion and daylight sensors, network control and emergency battery backup. The ZY-STP4 series is designed to appear identical to traditional fluorescent wrap lights in either surface mounted or suspended applications.

MODELS:	ZY-STP4FT30	ZY-STP4FT36	ZY-STP4FT42
Part Number:	ZY-STP4FT30	ZY-STP4FT36	ZY-STP4FT42
Length (inch):	48	48	48
Wattage:	30	36	42
Lumens:	3900	4680	5460
Voltage Options (VAC):	100-277 / 100-347		
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K		
Dimming:	0-10VDC Standard		
Beam Angle (Deg):	120		
CRI:	>80		
Protection class:	IP65 Wet Location		
Compliance:	UL / cUL		



► LED Shop Light Series

The EV-003 Shop Light series is designed as a economical and efficient replacement for traditional fluorescent utility shop lights in either surface mounted or suspended applications. The EV-003 series is 120VAC for use in both residential and commercial applications.

MODELS:	EV-003MFL-30W	EV-003MFL-36W	EV-003MFL-40W
Part Number:	EV-003MFL-30W	EV-003MFL-36W	EV-003MFL-40W
Length (inch):	48	48	48
Wattage:	30	36	40
Lumens:	3600	4320	4800
Voltage (VAC):	120		
CCT Options:	4000K / 5000K		
Dimming:	0-10VDC Standard		
Beam Angle (Deg):	120		
CRI:	>80		
Compliance:	UL / cUL		

FLAT PANEL LUMINAIRES



► Flat Panel Recessed Luminaires Series

The ZY-P Flat Panel series is ideal for recessed ceiling applications for retail, education, medical, offices and other areas where glare free and consistent general illumination is required. This luminaire is available with 0-10VDC dimming for integration with motion and daylight sensors, networked control and emergency battery backup.

MODELS:	ZY-P1-30W	ZY-P1-40W	ZY-P4-20W	ZY-P4-30W	ZY-P4-40W	ZY-P4-60W
Part Number:	ZY-P1-30W-LDS	ZY-P1-40W-LDS	ZY-P4-20W-MDS	ZY-P4-30W-MDS	ZY-P4-40W-MDS	ZY-P4-60W-MDS
	ZY-P1-30W-LNS	ZY-P1-40W-LNS	ZY-P4-20W-MNS	ZY-P4-30W-MNS	ZY-P4-40W-MNS	ZY-P4-60W-MNS
Width x Length (FT):	1 x 4	1 x 4	2 x 2	2 x 2	2 x 2	2 x 2
Rated Wattage:	30	40	20	30	40	60
Rated Lumens:	3900	5200	2600	3900	5200	7800
Voltage Options (VAC):	100-277 / 100-382					
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K					
Dimming:	0-10VDC Standard					
Beam Angle (Deg):	120					
CRI:	>80					
Protection class:	UL Damp Location					
Compliance:	UL / cUL					

MODELS:	ZY-P7-40W	ZY-P7-50W	ZY-P7-75W
Part Number:	ZY-P7-40W-LDS	ZY-P7-50W-LDS	ZY-P7-75W-LDS
	ZY-P7-40W-LNS	ZY-P7-50W-LNS	ZY-P7-75W-LNS
Width x Length (FT):	2 x 4	2 x 4	2 x 4
Rated Wattage:	40	50	75
Rated Lumens:	5200	6500	9750
Voltage Options (VAC):	100-277 / 100-382		
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K		
Dimming Options:	0-10VDC		
Beam Angle (Deg):	120		
CRI:	>80		
Protection class:	UL Damp Location		
Compliance:	UL / cUL		

FLAT PANEL LUMINAIRES

► Flat Panel Surface Mount Luminaires Series

The RP Surface Mount Panel series is ideal for surface flush mount (.63 inch) ceiling applications for retail, education, medical, offices and other areas where glare free and consistent general illumination is required. This luminaire is available with 0-10VDC dimming for integration with motion and daylight sensors, networked control and emergency battery backup.



MODELS:	RP1-30W-NDS	RP1-40W-NDS	RP4-20W-NDS	RP4-30W-NDS	RP4-40W-NDS	RP4-60W-NDS
Width x Length (FT):	1 x 4	1 x 4	2 x 2	2 x 2	2 x 2	2 x 2
Rated Wattage:	30	40	20	30	40	60
Rated Lumens:	3900	5200	2600	3900	5200	7800
Voltage Options (VAC):	100-277 / 100-382					
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K					
Dimming:	0-10VDC Standard					
Beam Angle (Deg):	120					
CRI:	>80					
Protection class:	UL Damp Location					
Compliance:	UL / cUL					

MODELS:	RP7-40W	RP7-50W	RP7-75W
Part Number:	RP7-40W-NDS	RP7-50W-NDS	RP7-75W-NDS
Width x Length (FT):	2 x 4	2 x 4	2 x 4
Rated Wattage:	40	50	75
Rated Lumens:	5200	6500	9750
Voltage Options (VAC):	100-277 / 100-382		
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K		
Dimming Options:	0-10VDC Standard		
Beam Angle (Deg):	120		
CRI:	>80		
Protection class:	UL Damp Location		
Compliance:	UL / cUL		

FLAT PANEL LUMINAIRES

► Flat Panel Wattage and CCT Tunable Luminaires Series

The ZY-P CCT Selectable Panel series is ideal for recessed ceiling applications for retail, education, medical, offices and other areas where glare free and consistent general illumination is required. Selectable on-board dip switch settings at 3500K / 4000K / 5000K allow for on-site CCT color change.



MODELS:	ZY-P1-30W	ZY-P1-40W	ZY-P4-20W	ZY-P4-30W	ZY-P4-40W	ZY-P4-60W
Part Number:	ZY-P1-30W-NNS	ZY-P1-40W-NNS	ZY-P4-20W-NNS	ZY-P4-30W-NNS	ZY-P4-40W-NNS	ZY-P4-60W-NNS
Width x Length (FT):	1 x 4	1 x 4	2 x 2	2 x 2	2 x 2	2 x 2
Rated Wattage:	30	40	20	30	40	60
Rated Lumens:	3900	5200	2600	3900	5200	7800
Voltage (VAC):	100-277 / 100-382					
CCT:	User Selectable 3500K - 4000K - 5000K					
Beam Angle (Deg):	120					
CRI:	>80					
Protection class:	UL Damp Location					
Compliance:	UL / cUL					

MODELS:	ZY-P7-40W	ZY-P7-50W	ZY-P7-75W
Part Number:	ZY-P7-40W-NNS	ZY-P7-50W-NNS	ZY-P7-75W-NNS
Width x Length (FT):	2 x 4	2 x 4	2 x 4
Rated Wattage:	40	50	75
Rated Lumens:	5200	6500	9750
Voltage Options (VAC):	100-277 / 100-382		100-277
CCT Options:	User Selectable 3500K - 4000K - 5000K		
Beam Angle (Deg):	120		
CRI:	>80		
Protection class:	UL Damp Location		
Compliance:	UL / cUL		

RECESSED LED TROFFERS

► Volumetric Style Troffer Series

The ZY-T Volumetric Style Troffer series is ideal for new construction or retrofit applications in retail, education, medical, offices and other areas where glare free and consistent general illumination is required. This luminaire is available with 0-10VDC dimming for integration with motion and daylight sensors, networked control and emergency battery backup.



MODELS:	ZY-T1	ZY-T1	ZY-T4	ZY-T4	ZY-T4	ZY-T7	ZY-T7	ZY-T7
Part Number:	ZY-T1-25W-XDZ	ZY-T1-36W-XDZ	ZY-T4-15W-XDZ	ZY-T4-25W-XDZ	ZY-T4-36W-XDZ	ZY-T7-25W-XDZ	ZY-T7-36W-XDZ	ZY-T7-50W-XDZ
Width x Length (FT):	1 x 4	1 x 4	2 x 2	2 x 2	2 x 2	2 x 4	2 x 4	2 x 4
Rated Wattage:	25	36	15	25	36	25	36	50
Rated Lumens:	3375	4860	2025	3375	4860	3375	4860	6750
Voltage Options (VAC):	100-277 / 100-382							
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K							
Dimming:	0-10VDC Standard							
Beam Angle (Deg):	120							
CRI:	>80							
Protection class:	UL Damp Location							
Compliance:	UL / cUL							

► Volumetric Style Retrofit Kit Series

The ZY-R Volumetric Style Retrofit Kit series is ideal for retrofit into existing troffers for retail, education, medical, offices and other areas where glare free and consistent general illumination is required. This luminaire is available with 0-10VDC dimming for integration with motion and daylight sensors, networked control and emergency battery backup.



MODELS:	ZY-R1	ZY-R1	ZY-R4	ZY-R4	ZY-R4	ZY-R7	ZY-R7	ZY-R7
Part Number:	ZY-R1-25W-XDZ	ZY-R1-36W-XDZ	ZY-R4-15W-XDZ	ZY-R4-25W-XDZ	ZY-R4-36W-XDZ	ZY-R7-25W-XDZ	ZY-R7-36W-XDZ	ZY-R7-50W-XDZ
Width x Length (FT):	1 x 4	1 x 4	2 x 2	2 x 2	2 x 2	2 x 4	2 x 4	2 x 4
Rated Wattage:	25	36	15	25	36	25	36	50
Rated Lumens:	3375	4860	2025	3375	4860	3375	4860	6750
Voltage Options (VAC):	100-277 / 100-382							
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K							
Dimming:	0-10VDC Standard							
Beam Angle (Deg):	120							
CRI:	>80							
Protection class:	UL Damp Location							
Compliance:	UL / cUL							

LINEAR RETROFIT KITS

► Linear Magnetic Mount Retrofit Kit Series

The Linear Magnetic Mount series provides for the fastest installation time of any LED retrofit solution. This UL Type C system installs into any type of fluorescent troffer system in minutes. Kits include the James class 2 power supply and wiring harness for 1 - 4 strips.



MODELS:	2 FT 10W	4 FT 10W	4 FT 12W	4 FT 15W	4 FT 20W
Part Number:	ZY-10W600 BONS	ZY-10W1200 BONS	ZY-12W1200 BONS	ZY-15W1200 BONS	ZY-20W1200 BONS
Strip Length (inch):	24	48	48	48	48
Wattage - Each Strip:	10W	10W	12W	15W	20W
Lumens - Each Strip:	1400	1400	1680	2100	2800
Available Kits (Strip Qty):	1 / 2 / 3 / 4	1 / 2 / 3 / 4	1 / 2 / 3 / 4	1 / 2 / 3 / 4	1 / 2 / 3 / 4
Driver Voltage (VAC):	100-277				
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K				
Beam Angle (Deg):	120				
CRI:	>80				
Protection class:	UL Damp Location				
Compliance:	UL / cUL				

► Linear Batten Type Retrofit Kit Series

This linear batten style retrofit strip provides a fast retrofit solution mechanically attached to existing troffer fixture body. Line voltage direct installation eliminates ballasts or external power supplies. The 8 ft. length option provides a convenient retrofit solution to existing 8 ft. troffers.



MODELS:	4 FT 24W	4 FT 40W	8 FT 40W	8 FT 60W
Part Number:	ZY-SR4FT24	ZY-SR4FT40	ZY-SR8FT40	ZY-SR8FT60
Strip Length (inch):	48	48	96	96
Rated Wattage:	24	40	40	60
Rated Lumens:	3360	5600	5600	8400
Voltage (VAC):	100-277			
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K			
Beam Angle (Deg):	120			
CRI:	>80			
Protection class:	UL Damp Location			
Compliance:	UL / cUL			

COMMERCIAL GRADE INTERIOR LUMINAIRES



► Decorative Suspended Food Series

The Decorative Suspended Food series is an Energy Star® qualified commercial grade solution where decorative general illumination is required.

MODELS:	ZY-P	FX-HBPH
Rated Wattage:	20 / 25 / 30	50 / 80 / 100 / 120 / 150
Rated Lumens:	2600 / 3250 / 3900	7000 / 11,200 / 14,000 / 16,800 / 21,000
Voltage Options (VAC):	100-277	100-277
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K	3000K / 3500K / 4000K / 4500K / 5000K
Dimming:	0-10VDC Standard	0-10VDC Standard
Beam Angle (Deg):	80	45 / 90
CRI:	>80	>80
Compliance:	UL / cUL	UL / cUL



► Decorative Suspended Food Series

The Decorative Suspended Food series is a commercial grade solution where decorative general illumination is required.



► DL Downlight Series

The DL Downlight series is designed for retrofit into existing recessed cans or installation into existing nonstructural suspended ceilings.

MODELS:	ZY-DL4DWP	ZY-DL6DWP	CDL - 6	CDL - 8	CDL - 10
Rated Wattage:	10 / 13	10 / 13 / 15	18	27	27 / 40
Rated Lumens:	650 / 850	650 / 900 / 1050	1650	2390	2880 / 3350
Retrofit Diameter (inch)	4	6	6	8	10
Voltage Options (VAC):	120		100-277		
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K		3000K / 3500K / 4000K / 4500K / 5000K		
Dimming:	AC Triac Dimming Standard		0-10VDC Optional		
Beam Angle (Deg):	90		90		
CRI:	>80		>80		
Compliance:	UL / cUL		UL / cUL		



► CDL Downlight Series

The CDL Downlight series is designed for retrofit into existing recessed cans or installation into structural suspended ceilings.

COMMERCIAL GRADE INTERIOR LUMINAIRES



► Up / Down Suspended Series

This unique and contemporary styled luminaire features an edge lit optical system that is nearly transparent when off and illuminates 45% up and 55% down when operating.

MODELS:	UP4	UP8	AP-60W-XXX
Rated Wattage:	40	80	60
Rated Lumens:	4100	8400	6000
Voltage Options (VAC):	100-277		100-277
Dimensions (inch):	12 x 48	12 x 96	5.9 x 70.8
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K		3000K / 3500K / 4000K / 4500K / 5000K
Dimming:	0-10VDC Standard		0-10VDC Standard
Beam Angle (Deg):	120		120
CRI:	>80		>80
Compliance:	UL / cUL		UL / cUL



► Multi Module Suspended Luminaire

This contemporary styled luminaire utilizes 6 LED modules including flat panels, gimbal downlights and up/down panels.

► LED Troffer Series

The T4D / T7D LED Troffer series is ideal for new construction or retrofit applications in retail, education, medical, offices and other areas where glare free and consistent general illumination is required. This luminaire is available with 0-10VDC dimming for integration with motion and daylight sensors, networked control and emergency battery backup.

MODELS:	T4D	T7D
Rated Wattage:	27 / 40	40 / 62
Rated Lumens:	3300 / 5200	5200 / 8000
Voltage Options (VAC):	100-277	
Width x Length (FT):	2 x 2	2 x 4
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K	
Dimming:	0-10VDC Standard	
Beam Angle (Deg):	120	
CRI:	>80	
Compliance:	UL / cUL	



LUMINAIRE RETROFITS

► Corn Lamp Series

The EV-SLW series lamps provides a complete LED retrofit for any E39 base luminaires including highbays and street lighting posttops with only minutes of installation time. This UL Type B lamp installs into any E39 Edison screw base socket without the need for an external power supply.



MODELS:	EV-SLW-30	EV-SLW-40	EV-SLW-60	EV-SLW-80	EV-SLW-100	EV-SLW-120	EV-SLW-150
Part Number:	EV-SLW-30WB1	EV-SLW-40WB1	EV-SLW-60WB1	EV-SLW-80WB1	EV-SLW-100WB1	EV-SLW-120WB1	EV-SLW-150WB1
Width x Height (inch):	2.28 x 7.48	2.9 x 9.2	2.9 x 9.7	3.6 x 8.3	3.6 x 8.3	5.2 x 11.6	5.2 x 11.6
Wattage:	30W	40W	60W	80W	100W	120W	150W
Lumens:	3600	4800	7200	9600	12,000	14,400	18,000
Lamp Base:	E39						
Voltage (VAC):	100-277						
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K						
Beam Angle (Deg):	360						
CRI:	>80						
Protection class:	UL Damp Location						
Compliance:	UL / cUL						

► LED Module Retrofit Kit Series

The ZY-SRT series LED modules are designed to provide an LED retrofit solution without the need to change existing fixture housings or lenses. The range of wattages and lumens provides for retrofits from lowbay to highbay and all types of street and area lighting.



MODELS:	ZY - SRT	ZY - SRT	ZY - SRT	ZY - SRT	ZY - SRT	ZY - SRT	ZY - SRT	ZY - SRT	ZY - SRT
Part Number:	ZY-SRT-60W	ZY-SRT-80W	ZY-SRT-100W	ZY-SRT-120W	ZY-SRT-150W	ZY-SRT-185W	ZY-SRT-240W	ZY-SRT-320W	ZY-SRT-400W
Rated Wattage:	60	80	100	120	150	185	240	320	400
Rated Lumens:	7200	9600	12,000	14,400	18,000	22,200	28,800	38,400	48,000
Voltage (VAC):	100-277/200-480								
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K								
Beam Angle (Deg):	120								
CRI:	>80								
Protection class:	UL Damp Location								
Compliance:	UL / cUL								

TRADITIONAL Highbay

► ZY-H Series

A traditional Highbay design with the efficacy, control features and maintenance free operation of LED. The ZY-H series is ideal for any commercial and architectural low and medium height general illumination applications.



MODELS:	ZY-H
Available Wattages:	80 / 100 / 150 / 200 / 240 / 300 / 320
Lumens:	11,200 / 14,000 / 21,000 / 28,000 / 33,600 / 42,000 / 44,800
Dimensions W/H (inch):	16.8 x 13.8
Voltage Options (VAC):	100-277 / 200-480
Controls System:	0-10VDC Dimming Standard
CCT Options:	3000K / 4000K / 5000K / 6500K
Compliance:	UL / cUL
Beam Angle (Deg):	90
Power Factor	>0.99
CRI:	>80
Protection class:	IP54 Damp Location



EXTERIOR LUMINAIRES

- JAMES exterior luminaires are designed to provide both the efficiency and maintenance free operation of LED with the form factors and features that designers, engineers and architects require for a full range of applications. These luminaires are ideal for commercial, industrial, government, institutional and municipal applications.
- Global, national and regional compliance to all the most recent standards for safety, performance and application efficacy.
 - Global production capacities with regionalized warehousing to fulfill project requirements of any scale large or small.
 - Constant design and performance updates responding to real world demands for the newest features in all market segments.
 - With millions of units manufactured and installed, James products demonstrate a product reliability rate second to none in the lighting industry.

EXTERIOR WALL MOUNT LUMINAIRES

► Small Non Cutoff Series

The WP is an economical, all weather solution typically used in entry way and other wall mount general illumination applications.



► Full Cutoff Series

The ZY-FW is an economical, all weather wall mount for full cutoff compliant general illumination. The 45-70 watt models are DLC listed.



MODELS:	WP	ZY-FW
Rated Wattage:	13 / 20	45 / 70
Rated Lumens:	1690 / 2600	5400 / 8400
Voltage Options (VAC):	100-277	100-277 / 200-480
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K	5000K
Controls:	Photo Cell Sensor	No Control
Beam Angle (Deg):	120	60 x 90
CRI:	>80	>80
Protection Class:	IP65	IP65
Compliance:	UL / cUL	UL / cUL

► Non Cutoff Series

The WP is an economical, all weather wall mount for a wide range of general illumination. The 60-120 watt models are DLC listed.



MODELS:	WP	WP	WP	WP	WP	WP	WP
Rated Wattage:	30	50	60	80	100	120	150
Rated Lumens:	3900	6500	7800	10,400	13,000	15,600	19,500
Voltage Options (VAC):	100-277	100-277	100-277	100-277 / 200-480	100-277	100-277 / 200-480	100-277
CCT Options:	3000K / 3500K / 4000K / 5000K						
Beam Angle (Deg):	120						
CRI:	>80						
Protection Class:	IP65						
Compliance:	UL / cUL						

► Full Cutoff Adjustable Series

The EV-WP05 series is designed to be an architectural decorative wall mount and an adjustable flood fixture.



MODELS:	EV-WP05	EV-WP05
Rated Wattage:	35	55
Rated Lumens:	4200	6600
Voltage Options (VAC):	100-277	
CCT Options:	3000K / 3500K / 4000K / 5000K	
Beam Angle (Deg):	120	
CRI:	>80	
Protection Class:	IP65	
Compliance:	UL / cUL	

► Corn Cob Series

The EV-CH series is an all weather rugged construction grade “jelly jar” style luminaire for general illumination applications.



MODELS:	EV-CH01	EV-30CC2
Rated Wattage:	60 / 80 / 100 / 125	30
Rated Lumens:	7200 / 9600 / 12,000 / 15,000	3600
Voltage Options (VAC):	100-277	100-277
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K	3000K / 3500K / 4000K / 4500K / 5000K
Beam Angle (Deg):	270	15 / 25 / 40 / 60
CRI:	>80	>80
Protection Class:	IP65	IP65
Compliance:	UL / cUL	UL / cUL

► LED Bullet Flood

The EV-30CC2 is an economical, all weather wall mount for full cutoff compliant general illumination. The 45-70 watt models are DLC listed.



► Flush Mount Canopy Series

The ZY-SCP series is designed for typical use in gas station and other retail canopies and architectural overhang applications for high level illumination.



MODELS:	ZY-SCP	EV-CP
Rated Wattage:	100 / 130 / 150	45 / 55 / 75
Rated Lumens:	12,000 / 15,600 / 18,000	6300 / 7150 / 9750
Voltage Options (VAC):	100-277	100-277
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K	3000K / 3500K / 4000K / 4500K / 5000K
Beam Angle (Deg):	120	120
CRI:	>80	>80
Protection Class:	IP65	IP65
Compliance:	UL / cUL	UL / cUL

The ZY-CP is an economical, all weather surface mount luminaire for general flood illumination in commercial and industrial applications.



► SB Shoebox A Series

The SB Shoebox A series is a high lumen - high efficacy luminaire that is ideal for all weather pole mount street and parking lot applications.



MODELS:	SB-80W A1NZ	SB-100W A1NZ	SB-150W A2NZ	SB-200W A2NZ	B-300W A3NZ
Rated Wattage:	80	100	150	200	300
Rated Lumens:	10,400	13,000	19,500	26,000	39,000
Voltage Options (VAC):	100-277 / 200-480				
CCT Options:	4000K / 5000K				
Optics (IES Type):	Type 3 / 4 / 5				
CRI:	>80				
Control:	Photo Cell Sensor and Motion Sensor				
Protection Class:	IP65				
Mounting:	Arm Mounting and Slip Fitter Mounting				
Compliance:	UL / cUL				

► SB Shoebox Q Series

The SB Shoebox Q series is a high lumen - high efficacy luminaire that is ideal for all weather pole mount street and parking lot applications.



MODELS:	SB-80W /100W Q1NZ	SB-150W/200W Q2NZ	SB-240W/300W Q3NZ	SB-300W/400W Q4NZ
Rated Wattage:	80W/100W	150W/200W	240W/300W	300/400W
Rated Lumens:	11,200/14,000	21,000/28,000	33,600/42,000	42,000/56,000
Voltage Options (VAC):	100-277 / 200-480			
CCT Options:	4000K / 5000K			
Optics (IES Type):	Type 3 / 4 / 5			
CRI:	>80			
Control:	Photo Cell Sensor and Motion Sensor			
Protection Class:	IP65			
Mounting:	Arm Mounting and Slip Fitter Mounting			
Compliance:	UL / cUL			

► Street Light E Series

The Street Light E series is designed for intelligent control using both PIR and photo sensor technology. It is ideal for all weather pole mount street and parking lot applications.



MODELS:	EX-25W NYZD	EX-35W NYZD	EX-40W NYZD	EX-50W NYZD
Rated Wattage:	25	35	40	50
Rated Lumens:	3750	5250	6000	7500
Voltage Options (VAC):	100-277 / 200-480			
CCT Options:	4000K / 4500K / 5000K			
Optics (IES Type):	Type 3 / 4 / 5			
CRI:	>80			
Control:	PIR / Photo Sensor			
Protection Class:	IP65			
Mounting:	Arm Mounting and Slip Fitter Mounting			
US Compliance:	UL / cUL			

► Standard Street Series

The ZY-SST series is designed to be an economical and efficient solution for all weather pole mount street and parking lot applications.



MODELS:	ZY-SST-120	ZY-SST-180	ZY-SST-240	ZY-SST-300	ZY-SSTH-240	ZY-SSTH-300
Rated Wattage:	120	180	240	300	240	300
Rated Lumens:	15,600	23,400	31,200	39,000	31,200	39,000
Voltage Options (VAC):	100-277					100-277
CCT Options:	4000K / 4500K / 5000K					
Optics (IES Type):	Type 3 / 4 / 5					
CRI:	>80					
Control:	Photo Cell Sensor and Motion Sensor					
Protection Class:	IP65					
Mounting:	Arm Mounting and Slip Fitter Mounting					
US Compliance:	UL / cUL					

EXTERIOR STREET & AREA LUMINAIRES

▶ Mini LED Shoe Box Series

The Mini LED Shoe Box series is designed to be an economical and efficient solution for all weather pole mount street and parking lot applications.



MODELS:	SB-25W MXYT3	SB-35W MXYT3	SB-50W MXYT3	SB-80W MXYT3	SB-100W MXYT3	SB-120W MXYT3
Rated Wattage:	25	35	50	80	100	120
Rated Lumens:	3,500	4,900	7,000	11,200	14,000	16,800
Voltage Options (VAC):	100-277					
CCT Options:	4000K / 4500K / 5000K					
Optics (IES Type):	Type 3 / 4 / 5					
CRI:	>80					
Control:	Photo Cell Sensor and Motion Sensor					
Protection Class:	IP65					
Mounting:	Slip Fitter Mounting					
US Compliance:	CE / RoHs					

▶ Street Light F Series

The Street Light F series is designed to be an economical and efficient solution for all weather pole mount street and parking lot applications.



MODELS:	SB-60W F1XYT3	SB-100W F2XYT3	SB-150W F3XYT3	SB-200W F3XYT3
Rated Wattage:	60	100	150	200
Rated Lumens:	8,400	14,000	21,000	28,000
Voltage Options (VAC):	100-277 / 200-480			
CCT Options:	4000K / 4500K / 5000K			
Optics (IES Type):	Type 3 / 4 / 5			
CRI:	>80			
Control:	Photo Cell Sensor and Motion Sensor			
Protection Class:	IP65			
Mounting:	Arm Mounting and Slip Fitter Mounting			
US Compliance:	CE / RoHS			

EXTERIOR SOLAR PANEL STREET & FLOOD LUMINAIRES

▶ Solar Street Light Series

The SE Solar Street Light series is designed for intelligent control using both PIR and photo sensor technology. It is ideal for all weather pole mount street and parking lot applications.



MODELS:	SE-20W	SE-40W	SE-60W
Rated Wattage:	20	40	60
Rated Lumens:	2800	5600	8400
Voltage Options (VAC):	100-277 / 200-480		
CCT Options:	4000K / 4500K / 5000K		
Optics (IES Type):	Type 3 / 4 / 5		
CRI:	>80		
Control:	PIR / Photo Sensor		
Protection Class:	IP65		
Mounting:	Arm Mounting and Slip Fitter Mounting		
US Compliance:	CE / RoHs		

▶ Flood Lighting Series

The Flood Lighting Series is an econom-ical solution for interior or exterior-all weather general illumination applications.



MODELS:	EV-010AC2	EV-020AC2	EV-030AC2	EV-050AC2	EV-100BC2	EV-150BC2	EV-200BC2
Rated Wattage:	10	20	30	50	100	150	200
Rated Lumens:	1200	2400	3600	6000	12,000	18,000	24,000
Voltage Options (VAC):	100-277 / 200-480						
CCT Options:	3000K / 3500K / 4000K / 5000K						
Beam Angle (Deg):	120						
CRI:	>80						
Protection Class:	IP65						
Compliance:	UL / cUL						

STADIUM LIGHT & SPOT LIGHT

▶ Stadium Light A Series

The Spot Light A series is ideal for safety, task and general illumination in all weather exterior applications.



MODELS:	SP-400W AYZD	SP-500W AYZD	SP-600W AYZD
Rated Wattage:	400	500	600
Rated Lumens:	54,000	67,500	81,000
Voltage Options (VAC):	100-277 / 200-480		
CCT Options:	3000K / 3500K / 4000K / 5000K		
Beam Angle (Deg):	20 / 30 / 45 / 60 / 90 / 120		
CRI:	>70		
Protection Class:	IP65		
Compliance:	UL / cUL		

▶ Stadium Light B Series

The Spot Light B series is an high lumen solution for interior or exterior all weather general illumination applications such as stadiums, airports, freight terminals and docks. Modular design to make repairing much more easier.



MODELS:	SP-400W BYZD	SP-600W BYZD	SP-800W BYZD	SP-1000W BYZD
Rated Wattage:	400	600	800	1000
Rated Lumens:	54,000	81,000	108,000	135,000
Voltage Options (VAC):	100-277 / 200-480			
CCT Options:	3000K / 3500K / 4000K / 5000K			
Beam Angle (Deg):	120			
CRI:	>70			
Protection Class:	IP65			
Compliance:	UL / cUL			

STADIUM LIGHT & SPOT LIGHT

▶ Stadium Light C Series

The Spot Light C Series is a high lumen solution for large area - all weather applications such as stadiums, airports, freight terminals and docks.



MODELS:	SP-400W CYZD	SP-500W CYZD
Rated Wattage:	400	500
Rated Lumens:	52,000	65,000
Voltage Options (VAC):	100-277 / 200-480	
CCT Options:	3000K / 3500K / 4000K / 5000K	
Beam Angle (Deg):	90 / 120	
CRI:	>70	
Protection Class:	IP65	
Compliance:	UL / cUL	

▶ Stadium Light D Series

The Spot Light D series is a high lumen solution for spot lighting large area - all weather applications such as stadiums, airports, freight terminals and docks.



MODELS:	SP-100W DYZD	SP-400W DYZD	SP-500W DYZD	SP-600W DYZD	SP-800W DYZD	SP-1000W DYZD	SP-1200W DYZD
Rated Wattage:	100	400	500	600	800	1000	1200
Rated Lumens:	13,000	52,000	65,000	78,000	104,000	130,000	156,000
Voltage Options (VAC):	100-277 / 200-480						
CCT Options:	3000K / 3500K / 4000K / 5000K						
Beam Angle (Deg):	5/ 10 / 20 / 30 / 60						
CRI:	>70						
Protection Class:	IP65						
Compliance:	UL / cUL						

▶ Stadium Light E Series

The Spot Light E series is a high lumen solution for large area - all weather applications such as stadiums, airports, freight terminals and docks. Modular design to make repairing much more easier



MODELS:	SP-400W EYZD	SP-500W EYZD
Rated Wattage:	400	500
Rated Lumens:	54,000	67,500
Voltage Options (VAC):	100-277 / 200-480	
CCT Options:	3000K / 3500K / 4000K / 5000K	
Beam Angle (Deg):	120	
CRI:	>70	
Protection Class:	IP65	
Compliance:	UL / cUL	

STADIUM LIGHT & SPOT LIGHT

► Stadium Light F Series

The Spot Light F Series is Series is a high lumen spot light solution for large area - all weather applications such as stadiums, airports, freight terminals and docks.



MODELS:	SP-300W FYZD	SP-400W FYZD	SP-600W FYZD	SP-800W FYZD	SP-1000W FYZD
Rated Wattage:	300	400	600	800	1000
Rated Lumens:	42,000	56,000	84,000	112,000	140,000
Voltage Options (VAC):	100-277 / 200-480				
CCT Options:	3000K / 3500K / 4000K / 5000K				
Beam Angle (Deg):	25 / 30 / 45 / 60 / 90 / 120				
CRI:	>70				
Protection Class:	IP65				
Compliance:	UL / cUL				

► High Mast Stadium Light G Series

The Spot Light is a module fixture design by 200W of each module to make different brightness for various applications.



MODELS:	SP-200W G1YZD	SP-400W G2ZD	SP-600W G3YZD	SP-800W G4YZD
Rated Wattage:	Max 200	Max 400	Max 600	Max 800
Rated Lumens:	Up to 28,000	Up to 56,000	Up to 84,000	112,000
Voltage Options (VAC):	100-277 / 200-480			
CCT Options:	3000K / 3500K / 4000K / 5000K			
Beam Angle (Deg):	25 / 30 / 45 / 60 / 90 / 120			
CRI:	>70			
Protection Class:	IP65			
Compliance:	UL / cUL			

► High Bay Retrofit Hydra Series

The Hydra features a simple field adjustable LED array for 120 to 360 deg. illumination. It is available in 5 wattage models from 4200 to 12,600 lumens. The Hydra series has an optional PIR sensor for control in low bay, high bay or other general area lighting application.



MODELS:	CLH30EX	CLH45EX	CLH60EX	CLH75EX	CLH90EX
Rated Wattage:	30	45	60	75	90
Rated Lumens:	4200	6300	8400	10500	12600
Base	E26 / E39 / EX39	E26 / E39 / EX39	E26 / E39 / EX39	E39 / EX39	E39 / EX39
Voltage Options (VAC):	100-277				
Controls:	PIR / Photo Sensor				
CCT Options:	2700K / 3000K / 4000K / 5000K				
Beam Angle (Deg):	120-360				
CRI:	>80				
Protection Class:	IP65				
Compliance:	UL / cUL				

► Corn Lamp Retrofit Flora Series

The Flora features a simple field adjustable LED array for 120 to 360 deg. illumination. It is available in 4 wattage models from 5040 to 8400 lumens. The Flora series is damp location rated for enclosed street and area post top applications using a E26, E39 or Ex39 screw base.



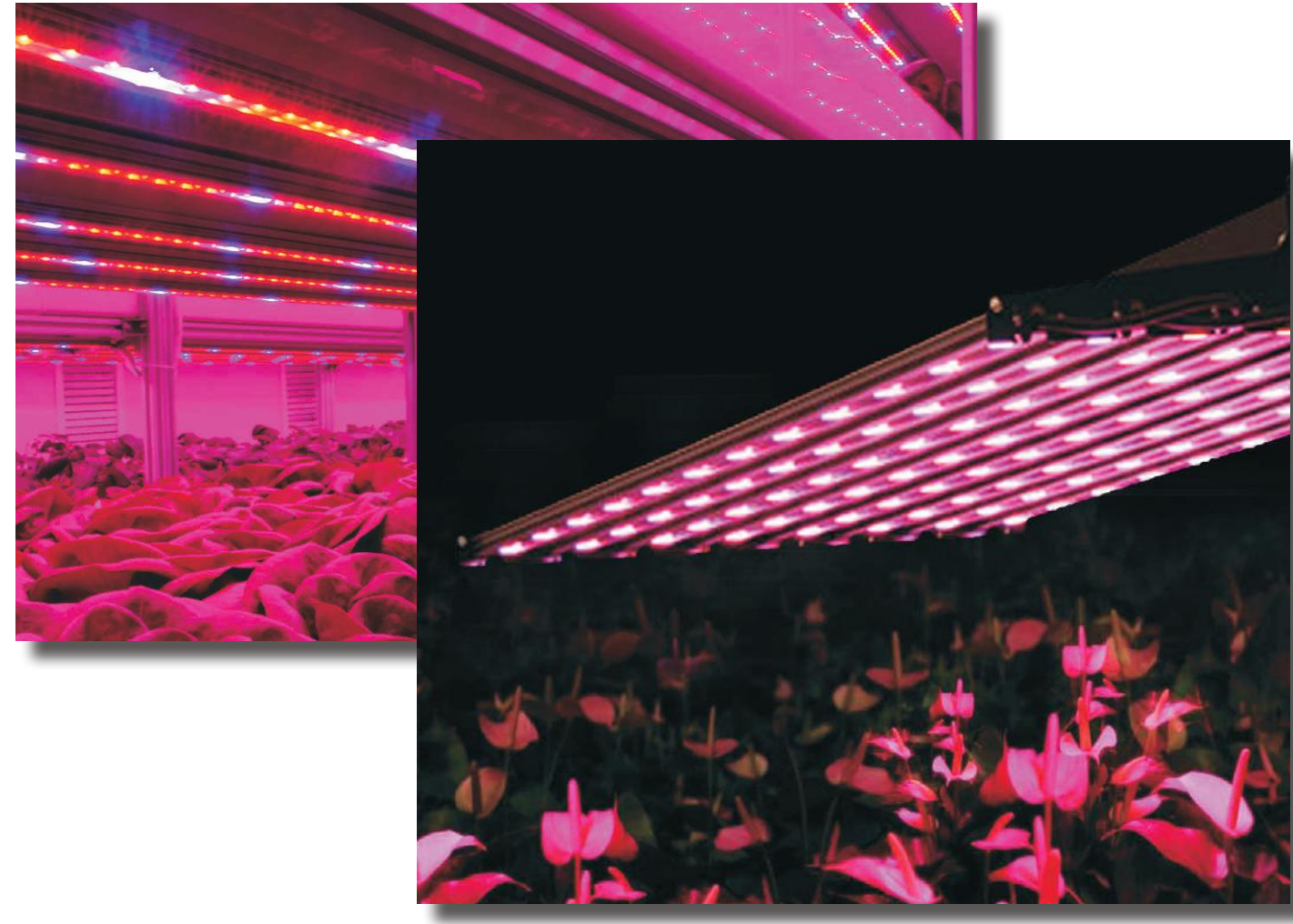
MODELS:	CLH36EX	CLH45EX	CLH54EX	CLH60EX
Rated Wattage:	36	45	54	60
Rated Lumens:	5040	6300	7560	8400
Base	E26 / E39 / EX39	E26 / E39 / EX39	E26 / E39 / EX39	E39 / EX39
Voltage Options (VAC):	100-277			
CCT Options:	2700K / 3000K / 4000K / 5000K			
Beam Angle (Deg):	adjustable			
CRI:	>80			
Protection Class:	IP65			
Compliance:	UL / cUL			

► Garden Bollard Light Series

The Garden Bollard Light Series is designed for residential, institutional and municipal exterior applications. The range of lumen output is ideal for decorative to high lumen general area lighting applications.



MODELS:	GRL
Rated Wattage:	30 / 50 / 75 / 100
Rated Lumens:	3900 / 6500 / 9750 / 13000
Voltage Options (VAC):	100-277
CCT Options:	3000K / 3500K / 4000K / 5000K
Beam Angle (Deg):	120
CRI:	>70
Protection Class:	IP67
Compliance:	UL / cUL



▼
HORTICULTURAL LUMINAIRES

- The JAMES Horticultural Grow Light series provides a wide range of specialized spectral luminaires designed for a variety of plant growth and location conditions. The Horticultural series draws from years of research and technical expertise of professional horticulturists and plant specialists.
- As with all James products, the in-house testing facilities, high capacity manufacturing and quality assurance systems meet the demands of both small and large plant growers in the whole world.
- Smart Control and Step Dimming are available.
 - All types of hydroponics, horticulture and agriculture purpose including Cannabis growing option
 - Application Locations including but not limited to farm, exhibition, garden, home, urban, bonsai, green house and university lab
 - Excellent heat dissipation and high quality LED

HORTICULTURAL LUMINAIRES

► Linear Grow Light Series

The Linear Grow Light series is an economical solution for general types of plant growth. It is linkable for up to 24ft / 200W continuous length. Optimal mounting height is 0.4 - 2.5m above plants. Photonic efficacy is 1.6-2.05 umol/s/W.



MODELS:	ZY-T8-10W600	ZY-T8-15W900	ZY-T8-20W1200	ZY-T8-25W1200	ZY-T8-30W1500	ZY-T8-35W1500	ZY-T8-40W1800
Rated Wattage:	10	15	20	25	30	35	40
PAR@0.3m:	85	89	98	104	116	124	156
Dimensions (Inch):	24	36	48	48	60	60	72
Max. Connection Qty:	6	6	6	4	4	4	4
Spectral Ratios (Red:Blue):	5:1/3:1						
Voltage (VAC):	100-277						
Beam Angle (Deg):	120						
Protection Class:	IP40						
Compliance:	UL /cUL /CE/RoHS						

► High Bay Grow Light Series

The High Bay Grow Light series is designed for both growth and blooming periods of plant growth. It is a full spectrum source with UV. Optimal mounting height is 0.5 - 1.0m above plants. Photonic efficacy is 2.0 - 2.3 umol/s/W



MODELS:	GL-B120W BYZ	GL-C240W BYZ	GL-I400W BYZ
Rated Wattage:	120	240	400
PAR@0.3m:	1981	2565	3886
Spectral Values:	Full Spectrum		
Voltage (VAC):	100-277		
Heat Management:	Dual Fan - Vertical Air Flow		
Beam Angle (Deg):	120		
Protection Class:	IP54		
Compliance:	UL /cUL /CE/RoHS		

► Multilinear Grow Light Series

The Multilinear Grow Light series is an economical choice for high levels of full spectrum light in general plant growth applications. It is a full spectrum source with UV. Optimal mounting height is 0.4 - 2.5m above plants. Photonic efficacy is 1.8 - 2.0 umol/s/W



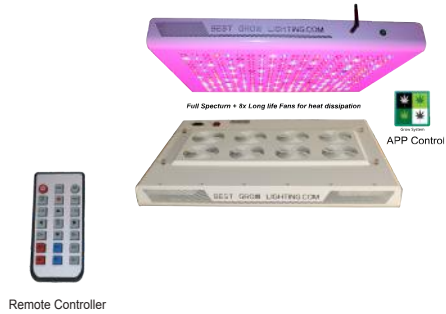
MODELS:	GL-K250W CYZ	GL-K300W CYZ	GL-K350W CYZ	GL-K400W CYZ
Rated Wattage:	250	300	350	400
PAR@0.3m:	1030	1180	1320	1360
Spectral Values:	Full Spectrum			
Voltage (VAC):	100-277 / 200-480			
Heat Management:	Open Frame / Aluminum Construction			
Beam Angle (Deg):	Adjustable			
Protection Class:	IP54			
Compliance:	UL /cUL /CE/RoHS			

HORTICULTURAL LUMINAIRES

► Smart Control Grow Light Series

The Smart Control Grow Light series is designed for both growth and blooming periods of plant growth. It features field selectable red / blue / full spectrum options. Optimal mounting height is 0.5 - 2.5m above plants. Photonic efficacy is 2.0 - 2.2 umol/s/W. It is operated by App controlling, remote controlling and manually controlling.

MODELS:	GL-J300W BYZ	GL-J500W BYZ	GL-J650W BYZ
Rated Wattage:	300	500	650
PAR@0.3m:	2225	2530	2650
Spectral Values:	Pure Blue / Pure Red / Full Spectrum		
Voltage (VAC):	100-277		
Heat Management:	Dual Fan - Vertical Air Flow		
Beam Angle (Deg):	120		
Protection Class:	IP40		
Compliance:	UL /cUL /CE/RoHS		



► Aluminum Bar Light Series

The COB Grow Light series is a IP65 wet location COB system designed for both growth and blooming periods of plant growth. It is a full spectrum source with UV. Optimal mounting height is 0.4- 2.5m above plants. Photonic efficacy is 1.8 - 2.1 umol/s/W

MODELS:	ZY-A30W600 EYZ	ZY-A40W900 EYZ	ZY-A70W1200 EYZ
Rated Wattage:	30	40	70
PAR@0.3m:	136	148	195
Spectral Values:	Full Spectrum		
Voltage (VAC):	100-264		
Heat Management:	Aluminum Heat Sink		
Beam Angle (Deg):	120		
Protection Class:	IP65		
Compliance:	UL /cUL /CE/RoHS		



► Apollo Grow Light Series

The Apollo Grow Light series features advanced thermal management design for high level lighting in general plant growth applications. It is a full spectrum source with UV. Optimal mounting height is 0.4 - 2.5m above plants. Photonic efficacy is 2.0 - 2.3 umol/s/W.

MODELS:	GL-A120W CYZ	GL-B180W CYZ	GL-C240W CYZ	GL-D300W CYZ	GL-E360W CYZ	GL-F480W CYZ	GL-G540W CYZ	GL-H600W CYZ
Rated Wattage:	120	180	240	300	360	480	540	600
PAR@0.3m:	1570	1590	1800	1828	1850	2000	2030	2050
Spectral Values:	Full Spectrum							
Voltage (VAC):	100-264							
Heat Management:	Aluminum Heat Sink / Integrated Fan Vertical Air Flow							
Beam Angle (Deg):	120							
Protection Class:	IP40							
Compliance:	UL /cUL /CE/RoHS							



HORTICULTURAL LUMINAIRES

► Smart Squares Grow Light Series

The Smart Squares Grow Light series features field selectable dimming, timing, temperature control and spectral settings. Enhanced heat sink design and low noise fans reduce thermal impact on LED components and plants. Optimal mount-ing height is 0.4 - 2.5m above plants. Photonic efficacy is 2.0 - 2.3 umol/s/W.

MODELS:	GL-M600W DYZ
Rated Wattage:	600
PAR@0.3m:	2250
Spectral Values:	Field Adjustable to Full Spectrum
Voltage (VAC):	100-264
Heat Management:	Dual Fan - Vertical Air Flow
Beam Angle (Deg):	120
Protection Class:	IP40
Compliance:	UL /cUL /CE/RoHS



► UFO Grow Light Series

The UFO Grow Light series is a IP65 wet location with thermally isolated modules for maximum performance and lifespan. It is a full spectrum source. Optimal mounting height is 0.4 - 2.5m above plants. Photonic efficacy is 1.8 - 2.1 umol/s/W

MODELS:	GL - N90W DYZ	GL - N140W DYZ
Rated Wattage:	90	140
PAR@0.3m:	126	143
Spectral Values:	Full Spectrum	
Voltage (VAC):	100-264	
Heat Management:	Aluminum Heat Sink	
Beam Angle (Deg):	120	
Protection Class:	IP40	
Compliance:	UL /cUL /CE/RoHS	



► Phantom Grow Light Series

The Phantom Grow Light series features full spectrum with UV and IR. Unique 3 color LED design allows for greater field selectable color combinations for both general plant growth and blooming. Optimal mounting height is 0.4 - 2.5m above plants. Photonic efficacy is 2.1 - 2.3 umol/s/W.

MODELS:	GL-M100W EYZ	GL-M200W EYZ	GL-M300W EYZ
Rated Wattage:	100	200	300
PAR@0.3m:	740	850	972
Spectral Values:	Full Spectrum with UV / IR		
Voltage (VAC):	100-277		
Heat Management:	Aluminum Heat Sink / Integrated Fan Vertical Air Flow		
Beam Angle (Deg):	120		
Protection Class:	IP40		
Compliance:	UL /cUL /CE/RoHS		



HORTICULTURAL LUMINAIRES

► KD Permutation Grow Light Series

The KD Permutation series is a unique modular bar design for enhanced thermal management and output level selection. Optimal mounting height is 0.4 - 2.5m above plants. Photonic efficacy is 1.8 - 2.0 umol/s/W.



MODELS:	GL-L250W DYZ	GL-L300W DYZ	GL-L350W DYZ	GL-L400W DYZ
Rated Wattage:	250	300	350	400
PAR@0.3m:	1030	1180	1320	1360
Spectral Values:	Full Spectrum with UV / IR			
Voltage (VAC):	100-277 / 200-480			
Dimming Control:	Selectable Step Dim			
Beam Angle (Deg):	120			
Protection Class:	IP44			
Compliance:	UL /cUL /CE/RoHS			

► Double Sided Grow Light Series

The Double Sided Grow Light series is a IP65 wet location system designed for wide angle maximum coverage in both growth and blooming periods of plant growth. It is a full spectrum source. Optimal mounting height is 0.4 - 2.5m above plants. Photonic efficacy is 1.9 - 2.1 umol/s/W



MODELS:	GL-S30W600	GL-S45W900	GL-S60W1200	GL-S70W1500	GL-S90W1800	GL-S120W2400
Rated Wattage:	30	45	60	70	90	120
PAR@0.3m:	220	229	250	251	260	267
Spectral Values:	Full Spectrum					
Voltage (VAC):	100-277					
Heat Management:	Aluminum Heat Sink					
Beam Angle (Deg):	120					
Protection Class:	IP65					
Compliance:	UL /cUL /CE/RoHS					

► Square Waterproof Light Series

The Square Waterproof Light series The KD Permutation series is a unique modular bar design available in 2 / 3 / 4 ft. lengths. It is a full spectrum source with UV and IR. Optimal mounting height is 0.4 - 2.5m above plants. Photonic efficacy is 1.8 - 2.0 umol/s/W.



MODELS:	GL-T100W600	GL-T200W600	GL-T300W900	GL-T400W900	GL-T500W1200	GL-T600W1200
Rated Wattage:	100	200	300	400	500	600
PAR@0.3m:	1420	1540	1666	1806	2260	2550
Length (inch):	24	24	36	36	48	48
Spectral Values:	Full Spectrum with UV / IR					
Voltage (VAC):	100-277					
Beam Angle (Deg):	120					
Protection Class:	IP65					
Compliance:	UL /cUL /CE/RoHS					

HORTICULTURAL LUMINAIRES

► COB Series

The COB series is a high output level system with a wide 380-850nm spectrum designed for large areas and large scale plant production. Optimal mounting height is 1.0 - 1.5m above plants.



MODELS:	GL-A50W AYZ	GL-B100W AYZ	GL-C200W AYZ	GL-D300W AYZ	GL-E450W AYZ	GL-F800W AYZ
Rated Wattage:	50	100	200	300	450	800
PAR@0.3m:	1234	1480	1600	1890	2550	2865
Spectral Values (nm):	380 - 850					
Voltage (VAC):	100-277					
Beam Angle (Deg):	120					
Protection Class:	IP40					
Compliance:	UL /cUL /CE/RoHS					

► HID / HPS Grow Light Series

The HID / HPS Grow Light series is a IP65 wet location system featuring an isolated power supply for thermal protection of lamp and ballast. Lamp options range from 2000K to 10,000K.



MODELS:	GLD-C315W-MH01	GLD-C630W-MH01	GLD-C1000W-DEHP01
Rated Wattage:	315	630	1000
PAR@0.3m:	1420	1780	1850
Spectral Lamp Options:	2000K / 3000K / 4000K / 6000K / 10000K		
Voltage Options (VAC):	100-265 / 277-300		
Beam Angle (Deg):	120		
Protection Class:	IP65		
Compliance:	ETL / cETL		



SOLAR STREET & AREA LUMINAIRES

- ▶ The JAMES SOLAR STREET & AREA series features cutting edge battery, solar collector and LED luminaire technology to achieve both optimum battery capacity and effective, efficient illumination. The entire series is IP66 rated for use in the most demanding conditions.
- As with all James products, the in-house testing facilities, high capacity manufacturing and quality assurance systems meet the demands of both small and large commercial, industrial and municipal projects around the globe.
- ▶ Highest quality components and advanced technology for years of sustainable off grid and maintenance free operation.
- ▶ Global production capacities with regionalized warehousing to fulfill project requirements of any time frame and scale.
- ▶ Constant design and performance updates responding to real world demands for the newest features in all market segments.
- ▶ Full line certification to requirements for every region around the globe.

SOLAR STREET & AREA LUMINAIRES

▶ BB Series

The BB Solar series features replaceable lithium battery technology for up to 10 days of continuous operation in cloudy conditions. The German made silicon solar panel provides up to 21% conversion rate. The BB series is designed for operation in high ambient 60°C temperatures. It is IP66 rated and 16 grade wind rated for use in temperate, tropical and desert environments.



MODELS:	SPSB - 15	SPSB - 25	SPSB - 35	SPSB - 45	SPSB - 60
Rated Wattage:	15	25	35	45	60
Solar Panel Wattage:	20	35	55	60	80
Rated Lumens:	1800	3600	5400	7200	9400
Max. Length x Height x Width (mm):	946 x 246 x 357	1214 x 246 x 357	1942 x 333 x 357	2145 x 333 x 357	2405 x 333 x 357
Battery Backup Capacity (WHrs):	111	222	388.5	444	583
Beam Angle (Deg):	120				
Protection Class:	IP66				
Compliance:	SAA / CE / RoHS / IEC / SASO / UN38.3 / IP66				

▶ EB Series

The EB Solar series is a compact collector / luminaire package. It features a replaceable lithium battery technology for up to 10 days of continuous operation in cloudy conditions. The German made silicon solar panel provides up to 21% conversion rate. The BB series is designed for operation in high ambient 60°C temperatures. It is IP66 rated and 16 grade wind rated for use in temperate, tropical and desert environments.



MODELS:	SPSEB - 25	SPSEB - 35	SPSEB - 45	SPSEB - 60
Rated Wattage:	25	35	45	60
Solar Panel Wattage:	35	55	60	80
Rated Lumens:	3600	5400	7200	9400
Max. Length x Height x Width (mm):	752 x 256 x 351	1064 x 256 x 351	1276 x 256 x 351	1528 x 256 x 351
Battery Backup Capacity (WHrs):	222	388.5	444	583
Beam Angle (Deg):	120			
Protection Class:	IP66			
Compliance:	SAA / CE / RoHS / IEC / SASO / UN38.3 / IP66			

▶ SPSBS-16 Series

The SPSBS-16 Solar series is a compact post top collector / luminaire package. It features a replaceable lithium battery technology. It features a 360 deg. downlight - full cutoff design.

MODELS:	SPSBS-16
Rated Wattage:	16
Solar Panel Wattage:	25
Rated Lumens:	2500
Max. Length x Height x Width (mm):	500 x 250
Battery Backup Capacity (WHrs):	138.8
Beam Angle (Deg):	120
Protection Class:	IP66
Compliance:	SAA / CE / RoHS / IEC / SASO / UN38.3 / IP66



SOLAR STREET & AREA LUMINAIRES

▶ SE Series

The SE Solar series features a replaceable lithium battery technology for up to 10 days of continuous operation in cloudy conditions. The German made silicon solar panel provides up to 21% conversion rate. The SB series are IP65 rated and designed for intelligent control using both PIR and photo sensor technology.



MODELS:	SE-40W AD50T3
Rated Wattage:	40
Solar Panel Wattage:	22
Rated Lumens:	5700
Controls:	PIR / Photo Sensor
Battery Backup Capacity (WHrs):	288
Beam Angle (Deg):	120
Protection Class:	IP65
Compliance:	SAA / CE / RoHS / IEC / SASO / UN38.3

SOLAR WALL PACK

▶ Solar Sensor Wall STW-B Series

The Solar Sensor Wall STW-B Series features integrated solar cell and rechargeable bateries with a range of from factor and mounting types for various exterior wall or ceiling mount applications.



MODELS:	STW-028B1	STW-028B3	STW-028B4	STW-028B5
Rated Wattage:	3 - 7	3 -7	3 -7	3 -7
Solar Panel Wattage:	2	2	2	2
Solar Panel Dimensions (inch):	6.3 x 3.1	6.3 x 3.1	6.3 x 3.1	6.3 x 3.1
Controls:	PIR / Photo Sensor			
Voltage Options (VDC):	6	6	6	6
Battery Backup Capacity (WHrs):	48	48	48	48
Beam Angle (Deg):	120			
Protection Class:	IP65			
Compliance:	UL / cUL			

MODELS:	STW-020B6	STW-022B2
Rated Wattage:	3 - 7	3 -7
Solar Panel Wattage:	2	2
Solar Panel Dimensions (inch):	6.3 x 3.1	6.3 x 3.1
Controls:	PIR / Photo Sensor	
Voltage Options (VDC):	6	6
Battery Backup Capacity (WHrs):	48	48
Beam Angle (Deg):	120	
Protection Class:	IP65	
Compliance:	UL / cUL	

WARRANTY

- ▶ Only offer 3 year's or 5 year's warranty or any other warranty period specified in the contract for the product from the date of purchase.
- ▶ Proof of purchase must be required.
- ▶ The warranty requires return of defective part or product directly to James warehouse in USA by instruction of James.
- ▶ The warranty policy only requires manufacturer to repair the defective product or send substitute for replacement.
- ▶ Installation labor, electricity cost, transportation cost and other related costs will not be covered by the manufacturer warranty policy.
- ▶ Warranty doesn't cover the defect caused by fair wear and tear, unused, inappropriate use, unauthorised modification,in-transit damage,especially if directions of the instructions for use are not observed, normal abrasion as well as failures which affect the value or use of the product insignificantly.