Compact GEN5 Linear Highbay

1.3ft/1.6ft/1.9ft/2ft/2.3ft/3ft/4ft

WISDOM LIGHT



The Gen5 Linear Highbay is a lumen and CCT Select LED lensed high bay luminaire designed for multiple industrial applications. The compact diecast form makes the LHBS both durable and an easy, one-person installation. G5 is offered in seven lengths with both CCT select and wattage select can delivered performance from 10,000 up to 60,000 lumens. The optical lens delivers high efficacy and reduces high angle glare.
It is an ideal energy-efficient one-for-one replacement for linear fluorescent and HID fixtures in warehouse, manufacturing, gymnasium, and big box/retail applications.

Wattage Select | CCT Select | 5 YEAR WARRANTY | Intertek | DLC LISTED

G5 Linear Highbay	Size	Wattage	Output Lumen	Beam angle	Nominal efficacy	CCT	Input Voltage	UGR	Dimming	CRI
WL-5LH11.3FT 110/135/165DUV(XXK)-L8-A	1.3FT L396mm(15.60")*W252.6mm(9.94")*H48.6mm(1.91")	110W/135W/ 165W Select	23100lm	100° Matt diffuser	140-155lm/W	4000K 5000K SingleCCT	AC120-277V	<28	0-10V	>80
WL-5LH11.6FT 155/185/210DUV (XXK)-L8-A	1.6FT L490mm(19.3")*W252.6mm(9.94")*H48.6mm(1.91")	155W/185W/ 210W Select	29400lm							
WL-5LH11.9FT 155/185/210DUV(XXK)-L8-A	1.9FT L580mm(22.83")*W252.6mm(9.94")*H48.6mm(1.91")	155W/185W/ 210W Select	29400lm							
WL-5LH12.3FT 200/250/305DUV(XXK)-L8-A	2.3FT L700mm(27.6")*W252.6mm(9.94")*H48.6mm(1.91")	200W/250W/ 305W Select	42700lm							
WL-5LH13.0FT 400DUV(XXK)-L8-A	3.0FT L915mm(36.02")*W252.6mm(9.94")*H48.6mm(1.91")	400W	56000lm							
WL-5LH11.3FT 60/85/110DUV(40K-50K)-L8-A	1.3FT L396mm(15.60")*W252.6mm(9.94")*H48.6mm(1.91")	60W/85W/ 110W Select	15400lm	100° Matt diffuser	140-155lm/W	4000K 5000K SelectCCT				
WL-5LH11.6FT 110/135/165DUV(40K-50K)-L8-A	1.6FT L490mm(19.3")*W252.6mm(9.94")*H48.6mm(1.91")	110W/135W/ 165W Select	23000lm							
WL-5LH11.9FT 155/185/210DUV (40K-50K)-L8-A	1.9FT L580mm(22.83")*W252.6mm(9.94")*H48.6mm(1.91")	155W/185W/ 210W Select	29400lm							
WL-5LH13.0FT 200/250/305DUV(40K-50K)-L8-A	3.0FT L915mm(36.02")*W252.6mm(9.94")*H48.6mm(1.91")	200W/250W/ 305W Select	42000lm							
WL-5LH11.6FT100DUV(XXK)-H7-A	1.6FT L490mm(19.3")*W252.6mm(9.94")*H48.6mm(1.91")	100W	19000lm	100° Prismatic PC	170-190lm/W	4000K 5000K SingleCCT				>70
WL-5LH11.3FT 100/125/150DUV(XXK)-H7-A	1.3FT L396mm(15.60")*W252.6mm(9.94")*H48.6mm(1.91")	100W/125W/ 150W Select	25500lm							
WL-5LH11.6FT 125/165/210DUV(XXK)-H7-A	1.6FT L490mm(19.3")*W252.6mm(9.94")*H48.6mm(1.91")	125W/165W/ 210W Select	35700lm							
WL-5LH12.3FT 200/250/305DUV(XXK)-H7-A	2.3FT L700mm(27.6")*W252.6mm(9.94")*H48.6mm(1.91")	200W/250W/ 305W Select	51000lm							
WL-5LH12.0FT 100/125/150DUV (XXK)-H7-B	2.0FT L614(24.7") *W306.6(12.07")*H48mm（1.89"）	100W/125W/ 150W Select	25500lm	100°*40°	170-190lm/W	4000K 5000K SingleCCT				
WL-5LH14.0FT 200/250/305DUV(XXK)-H7-B	4.0FT L1203(47.36")*W306.6(12.07")*H48mm（1.89"）	200W/250W/ 305W Select	51000lm							
WL-5LH14.0FT400DUV (XXK)-H7-B	4.0FT L1203(47.36")*W306.6(12.07")*H48mm（1.89"）	400W	60000lm		150lm/W					

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Compact GEN5 Linear Highbay

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WISDOM LIGHT

Order Guide

Sample Model#: Campct G5- WL-5LH12.0FT100/125/150DUV (40K)-H7-B

Compact G5	WL-5LH1										
Luminaire ID	**Series**	**Length**	**Wattage**	**Dimming**	**Voltage**	**CCT**	**Light Efficiency**	**CRI**	**Beam Angle**	**Lens**	**Accessories**
Compact G5= Gen5 Highbay	WL-5LH1= Gen5 Highbay	1.3FT	60/85/110= 60/85/110W Wattage Select 100/125/150= 100/125/150W Wattage Select 110/135/165= 110/135/165W Wattage Select	D=0-10V 10%	UV=120-277V	30K= 3000K 35K= 3500K 40K= 4000K 40K-50K= 4000K 5000K Select	L=140-155lm/w H=170-190lm/w	7= Ra 70 8= Ra 80	A=100° B=100x40° (only 2FT, 4FT)	PCD=PC Diffuser (Standard) PPC=Prismatic PC OLS=Optic lens 100x40°	NPT = NPT Pendant/ Surface Mount Kits DPIR = DC PIR Sensor ZMS =Zhaga Microwave Sensor RC = Remote Control BLPIR = Bluetooth PIR Zhaga Sensor ACEM24 =AC EM Backup 24W
		1.6FT	110/135/165= 110/135/165W Wattage Select 125/165/210= 125/165/210W Wattage Select 155/185/210= 155/185/210W Wattage Select								
		1.9FT	155/185/210= 155/185/210W Wattage Select								
		2.0FT	100/125/150= 100/125/150W Wattage Select								
		2.3FT	200/250/305= 200/250/305W Wattage Select								
		3FT	200/250/305= 200/250/305W Wattage Select 400=400W								
		4FT	200/250/305= 200/250/305W Wattage Select 400=400W								

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1.3ft/1.6ft/1.9ft/2ft/2.3ft/3ft/4ft

WISDOM LIGHT

Applied in warehouses and logistics centers, gymnasiums and fitness centers, factories....






Available Trim Finishe

RAL9016
Frosted White

| Linear Highbay:multiple mounting options



| Chain Suspension (Standard)



| Rod Suspension

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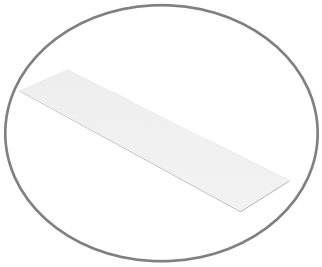
Compact GEN5 Linear Highbay

1.3ft/1.6ft/1.9ft/2ft/2.3ft/3ft/4ft

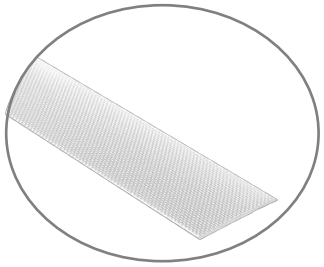
WISDOM LIGHT

Features

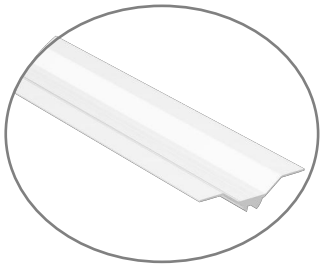
Quality diffuser for better light distribution
Matt diffuser, Prismatic PC,PMMA lens



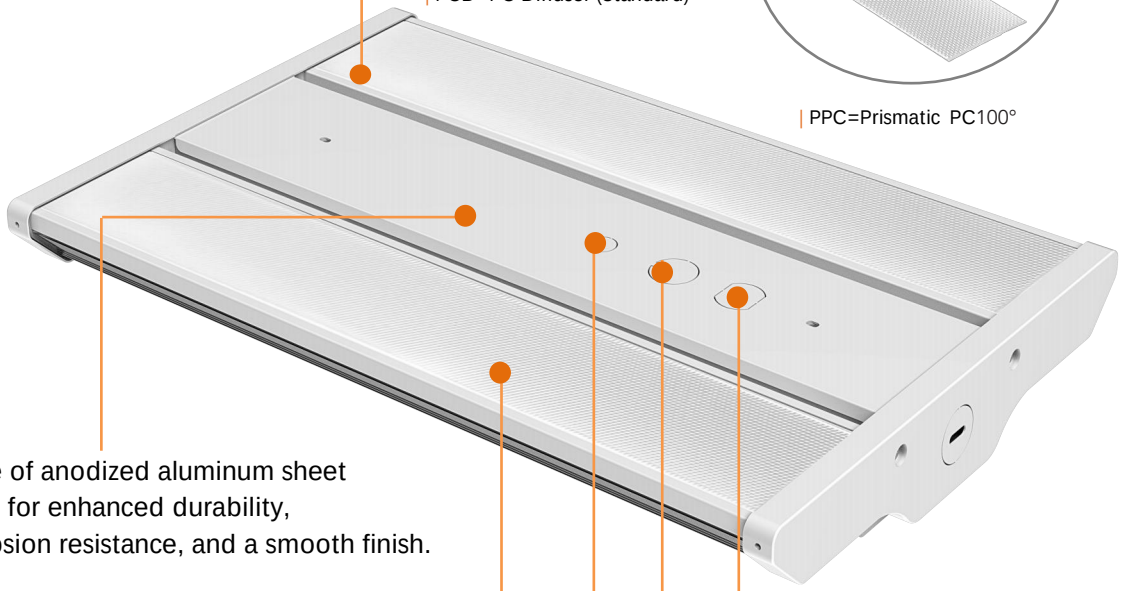
| PCD=PC Diffuser (Standard)



| PPC=Prismatic PC100°



| OLS=Optic lens 100x40°



Made of anodized aluminum sheet metal for enhanced durability, corrosion resistance, and a smooth finish.

High Efficiency: The Linear Highbay provides exceptional light efficacy ranging from 140 to 190 lm/W, delivering superior performance and significant energy savings, reducing operational costs and environmental impact



PIR sensor
saves energy, detects occupancy , supports wireless setup, and works with 0-10V LED drivers.



Optional pre-installed Zhaga base for easy installation



Indicate light & test switch

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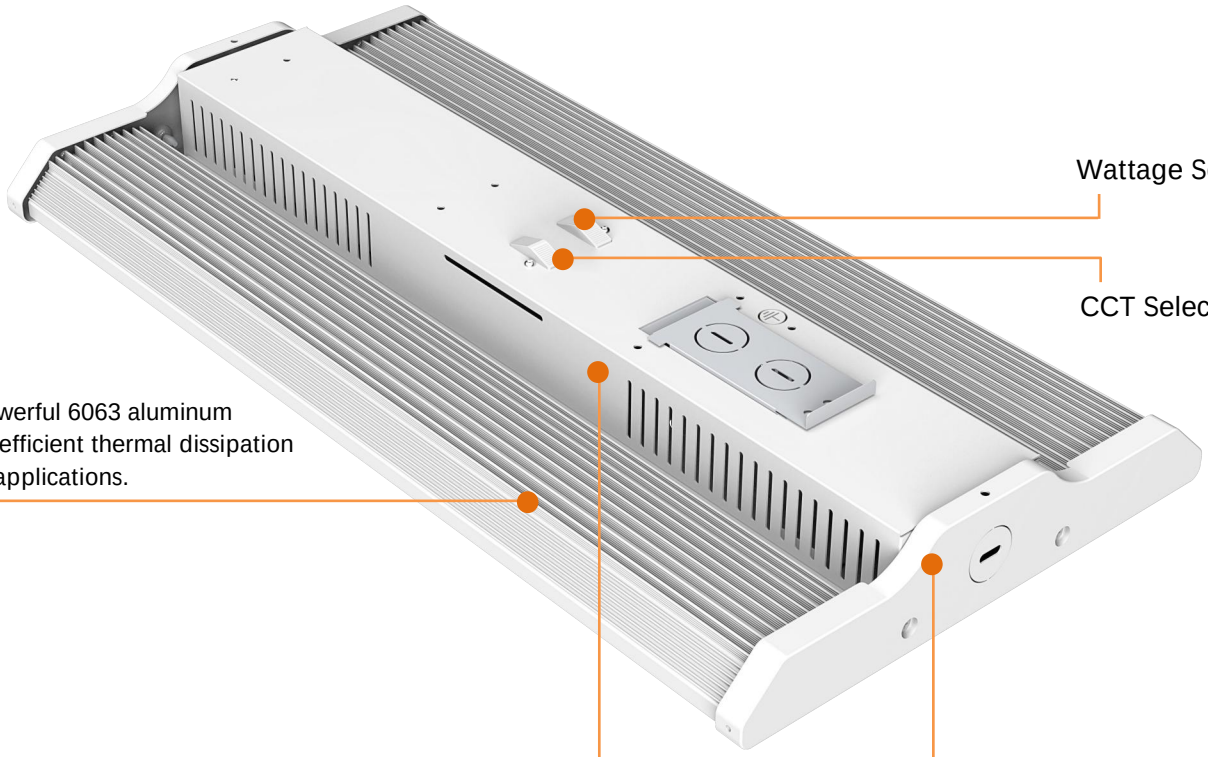
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1.3ft/1.6ft/1.9ft/2ft/2.3ft/3ft/4ft

WISDOM LIGHT

Features



Wattage Select

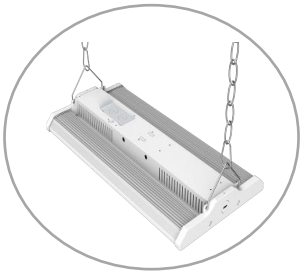
CCT Select

Slim and powerful 6063 aluminum heatsink for efficient thermal dissipation in compact applications.

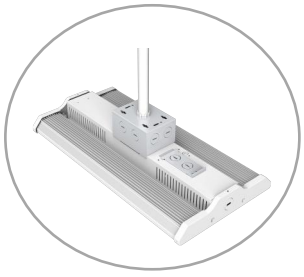
6KV /6KV SURGE
Non-isolated driver



multiple mounting options



Chain Suspension (Standard)



Rod Suspension

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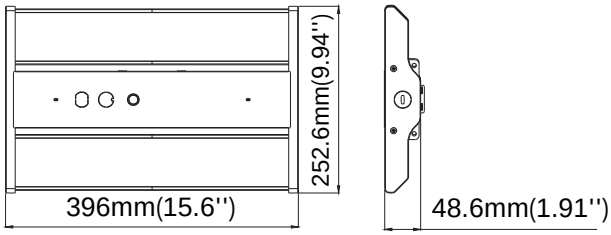
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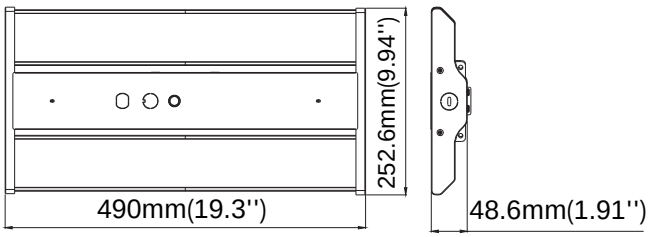
1.3ft/1.6ft/1.9ft/2ft/2.3ft/3ft/4ft

WISDOM LIGHT

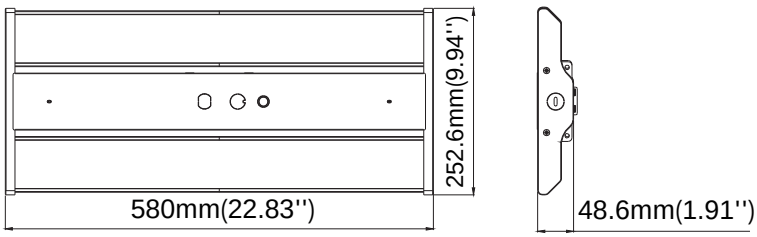
1.3FT - 110W/135W/165W Select ; 60W/85W/110W Select



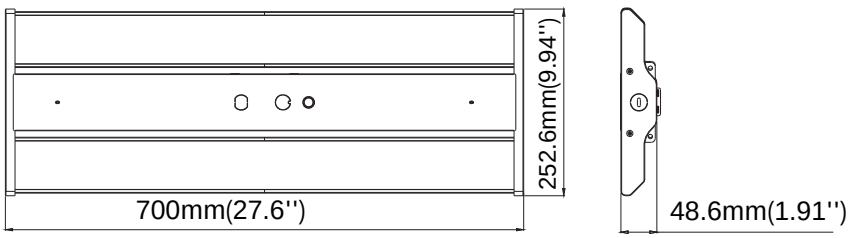
1.6FT - 155W/185W/210W Select ; 110W/135W/165 Select ; 100W Single



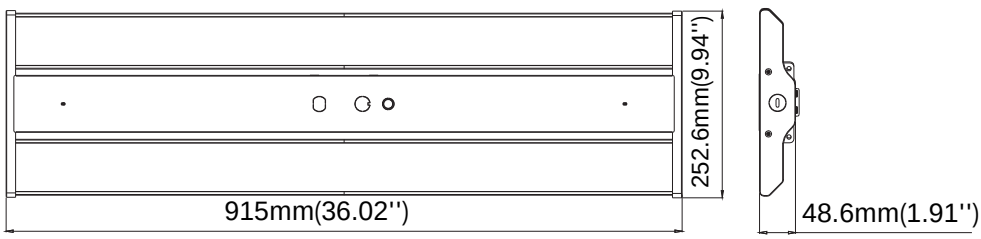
1.9FT - 155W/185W/210W Select



2.3FT - 200W/250W/305W Select



3FT - 200W/250W/300W Select ; 400W single



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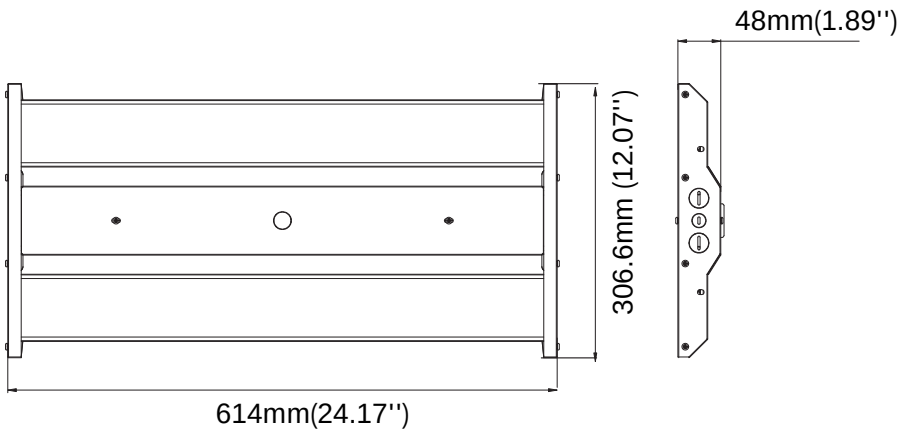
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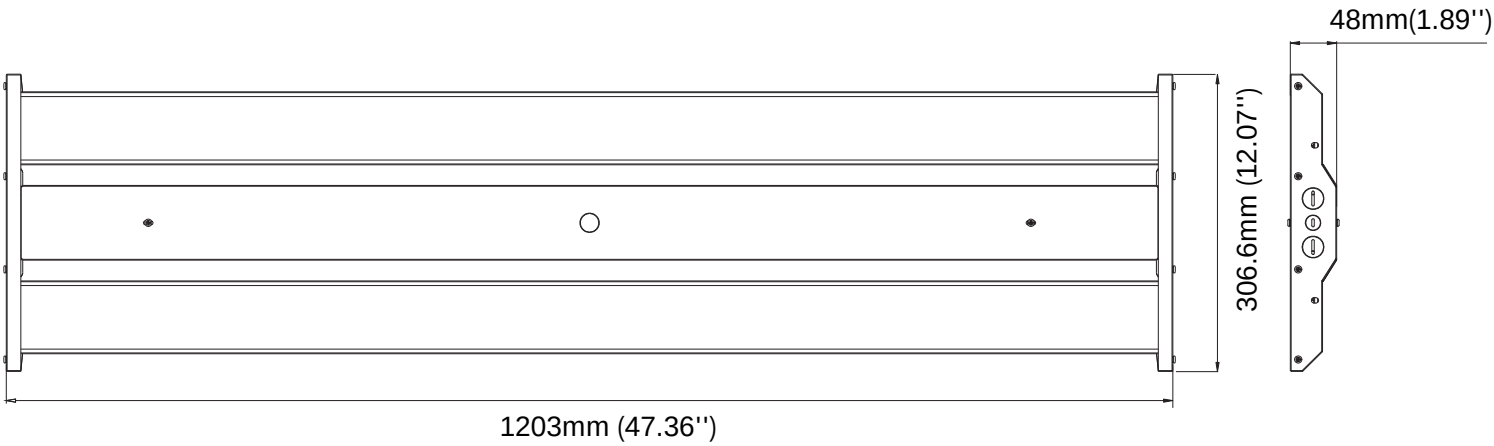
1.3ft/1.6ft/1.9ft/2ft/2.3ft/3ft/4ft

WISDOM LIGHT

2FT - 100W/125W/150W Select



4FT - 200W/250W/305W Select; 400W single



MODEL	LENGTH	WIDTH	HEIGHT
1.3FT	396mm(15.6'')	252.6mm(9.94'')	48.6mm(1.91'')
1.6FT	490mm(19.3'')	252.6mm(9.94'')	48.6mm(1.91'')
1.9FT	580mm(22.83'')	252.6mm(9.94'')	48.6mm(1.91'')
2FT	614mm(24.17'')	306.6mm (12.07'')	48mm(1.89'')
2.3FT	700mm(27.6'')	252.6mm(9.94'')	48.6mm(1.91'')
4FT	1203mm (47.36'')	306.6mm (12.07'')	48mm(1.89'')

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Accessories (Ordered separately)

No.	ITEM	DESCRIPTION & PICTURE	
1	NPT =NPT Pendant 1/2''NPT Pendant Kits (Hanger/Surface mount)	Size：148*75*50mm, φ20mm	
2	DPIR = DC PIR SensorPIR sensor	Power supply：10V_14V DC， >30mA Dim control output：0-10V, max.25mA sinking current Remote range：50ft.(15m)indoor, no backlight Detection radius：20%/50%175%/100%(1-8m) Mounting height：Max 40ft.(12meters) Time setting：10s/1min/5min/10min/15min/20min/30min/60min Light-control：24H/10LUX/30LUX/50LUX Temperature：-4°F~+140°F(-20°C~+60°C) IP rating：IP20 Saves energy, detects occupancy , supports wireless setup, and works with 0-10V LED drivers.Need to use with Remote Control	
3	Remote control RC-100 (For W1551)	Remove Controler for W1551	
4	ZHAGA BOOK 18 Base (JL-700)	*5.8GHz C-band microwave + Daylight*Connection:Zhaga Book 18 *Input voltage:12-24V DC.*Control Method:0~10V&Remote control*Memory function * Sensitive /Hold time/Daylight threshold/Standby setting by remote control*Detection range up to max.16~18m in diameter.*Mounting height:max.12m. *IP rating:IP65. *Pre-install Zhaga Base Add USD1.50/PC	
	Microwave Sensor (ANT-5-ZT)		
	PIR sensor (W1552)	PIR Sensor +Daylight *Connection:Zhaga Book 18*Input voltage:10.5-15V DC*0~10V / PWM output signal,RF remote control*Memory function with one bution commissioning, easy operation and user friendly.**Sensitive /Hold time/ Daylight threshold/Standby setting by remote control*Detection range up to max.16~18m in diameter.*Mounting height:max.12m.*IP rating: IP65. *Pre-install Zhaga Base Add USD1.50/PC	
5	Bluetooth Sensor	Model:TL-ZG-BPRN-MF-12-02 *Bluetooth PIR Sensor +Daylight *Connection:Zhaga Book 18*Detection range up to max.16~18m in diameter.*Mounting height:max.12m.*IP rating:IP65. *Pre-install Zhaga Base Add USD1.50/PC	
6	AC EM YH29A-24WL-50	AC Emergency Backup 24W *Input Voltage:AC100-277V *Output Voltage:90-260VDC *Emergency Time:90 Mins *Battery:LiFePO4*Dimension:330*67*55mm	
7	Wire Guard	1.6FT,1.9F,2.3FT,4FT/One Pair	

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Product Specifications

Construction

- Aluminum extrution construction with center driver housing for added durability and thermal control
- Compact sizes available for easy, one-person installation

Electrical

- Long-life LED system with electrical driver for optimal perfor mance
- Single CCT or two CCT select option available at ≥ 80CRI in 4000K or 5000K
- Wattage select option available in full, med, or low brightness
- Default CCT/Lumen setting is 4000K and high power
- Flicker-Free, 6KV/6KV Surge Protection, Non-Isolated 0-10V Dimming

Optics

- Prismatic & Diffused lens provides added protection and glare control
- 100x40° optic lens is best opiton for shelves

Mounting

- V-hook and chain set included for making LHBS ideally suited for suspension mount
- Accessories available for different mounting options: stem and surface mount

Finish

- Anodized finish is standard; white polyester powder coating is optional, offering increased durability and rust resistance.

Environment

- Suited for damp location installations.
- Operating temperature range: -25° C to 50° C

Compliance

- ETL Listed for damp locations
- Complies with IESNA LM-79 and LM-80 standards
- Qualifies as a State of California Title 24 non-residential high-efficiency luminaire.
- DesignLights Consortium® Qualified and classified for DLC Premium, refer to www.designlights.org for details and listed configurations.

Warranty

- Five year warranty standard

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NOTES