

# LED LINEAR HIGHBAY

## DESCRIPTION

- Noonlight Linear Highbay Led Fixture Is The Perfect Solution For A Wide Variety Of Applications And Mounting Heights. Its Multiple Lumen Packages Make It An Ideal Choice As A One For One Replacement Of Conventional Fluorescent And Metal Halide High Bay Systems.
- Lumen Package: 5000-53000lm
- Ideal For High Ceiling Applications, especially for warehouse.



1\*4FT

2\*4FT



## FEATURES

- 120-347VAC or 347-480VAC Class P Programmable LED Driver, 0-10V Dimming, Dim to Off.
- One and Only Cutting Edge Class 2 Driver Technology, 1 Driver only for All of Power Up to 320W with Class 2 Certificated(100-347VAC only)
- 4 Step Power Adujustable, and 3 CCT Tunable(Optional), minimize stock, 1 SKU can cover max. of 12 models.
- Front Access Door for Easy Maintainance
- Various Lens Option: Clear, Frosted,
- Up to 165LM/W, Range From 5000lm-53000lm
- Plugable PIR Sensor and Motion Sensor, Zhaga PIR & Motion Sensor
- Built-in Emergency Driver Option.

## HOUSING

- 22 Gauge White Powder Painted Steel 88%
- Transmission Rate Frosted Pc Diffuser

## MOUNTING

- V Hook Suspended Mouting, Pipe Suspended
- Mouting, Surface Mouting

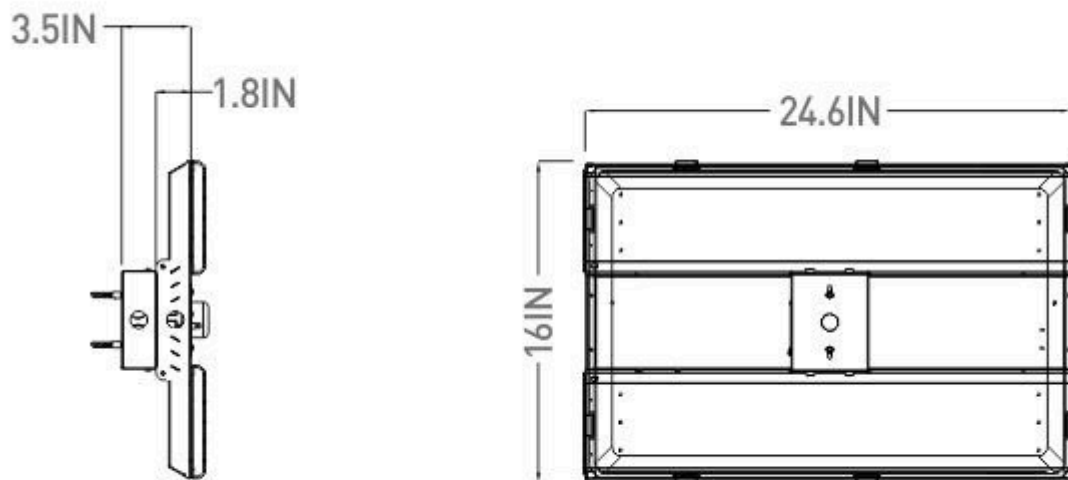
## CERTIFICATE

- ETL Listed: UL 1598 Suitable For Damp Locations, IESNA
- LM79 & LM-80 Testing: Paclights LED Luminaires Have Been Tested By An Independent Laboratory In Accordance With IESNA LM-79 and LM-80. DLC5.1
- Premium Listed: Linear LED High Bay

# DIMENSION

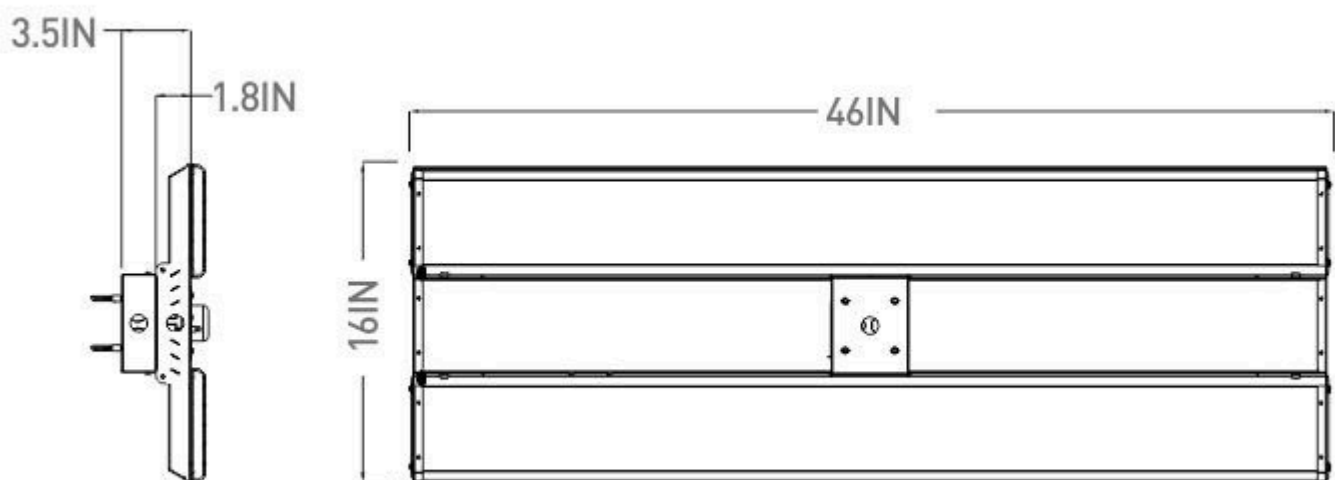
**2FT: L24.6IN x W16IN x H1.8IN**

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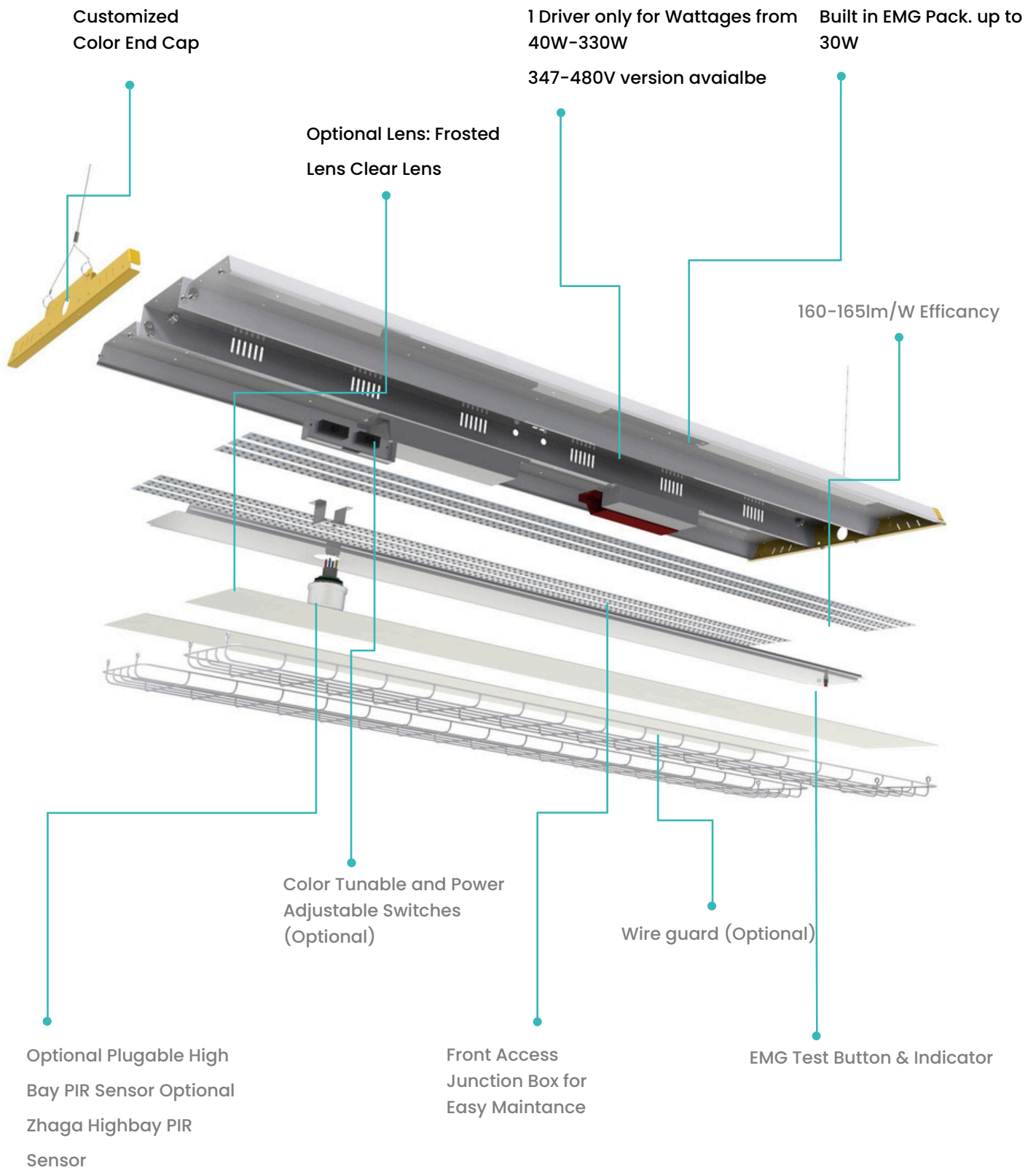


**4FT: L46IN x W16IN x H1.8IN**

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# EXPLOSIVE VIEW



# SPECIFICATION

DLC	Input Voltage	Wattage	Lens	CCT	Rated Lume @50K	Rated Efficacy @ 50K	Viewing Angle	QPL NO
5.1 Premium	100-277VAC or 100-347VAC	30	Frosted / Clear	40/45/50K Tunable or 4000K, 5000K	4950	165	120°	
5.1 Premium		35			5775	165	120°	
5.1 Premium		40			6600	165	120°	
5.1 Premium		48			7950	165	120°	
5.1 Premium	100-277VAC or 100-347VAC	50	Frosted / Clear	40/45/50K Tunable or 4000K, 5000K	8250	165	120°	
5.1 Premium		55			9075	165	120°	
5.1 Premium		60			9900	165	120°	
5.1 Premium		65			10725	165	120°	
5.1 Premium	100-277VAC or 100-347VAC	63	Frosted / Clear	40/45/50K Tunable or 4000K, 5000K	10400	165	120°	
5.1 Premium		70			11550	165	120°	
5.1 Premium		75			12375	165	120°	
5.1 Premium		85			14025	165	120°	
5.1 Premium	100-277VAC or 100-347VAC or 347-480VAC	95	Frosted / Clear	40/45/50K Tunable or 4000K, 5000K	15675	165	120°	
5.1 Premium		105			17325	165	120°	
5.1 Premium		115			18975	165	120°	
5.1 Premium		125			20625	165	120°	

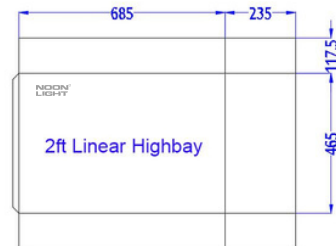
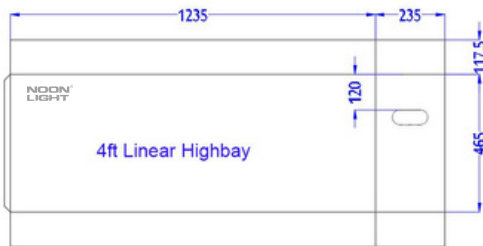
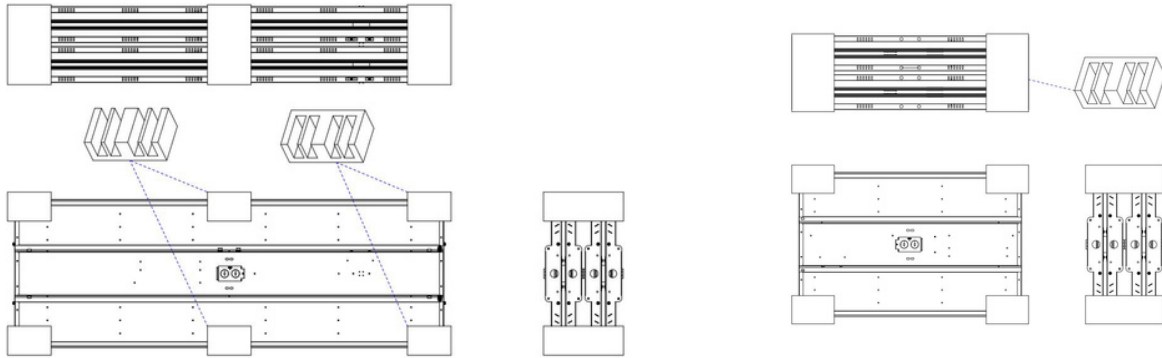
# SPECIFICATION

DLC	Input Voltage	Watt age	Lens	CCT	Rated Lumen @ 50K	Rated Efficacy @ 50K	Viewin g Angle	QPL NO
5.1 Premiu		130	Frosted / Clear	40/45/50K Tunabl e or 4000K, 5000K	21450	165	120°	
5.1 Premiu	100-277VA C or 100-347VA C	140			23100	165	120°	
5.1 Premiu	or 347-480VA C	155			25575	165	120°	
5.1 Premiu		170			28050	165	120°	
5.1 Premiu		150	Frosted / Clear	40/45/50K Tunabl e or 4000K, 5000K	24750	165	120°	
5.1 Premiu	100-277VA C or 100-347VA C	170			28050	165	120°	
5.1 Premiu	or 347-480VA C	190			31350	165	120°	
5.1 Premiu		210			34650	165	120°	
5.1 Premiu		190	Frosted / Clear	40/45/50K Tunabl e or 4000K, 5000K	31350	165	120°	
5.1 Premiu	100-277VA C or 100-347VA C	210			34650	165	120°	
5.1 Premiu	or 347-480VA C	230			37950	165	120°	
5.1 Premiu		250			41250	165	120°	
5.1 Premiu		260	Frosted / Clear	40/45/50K Tunabl e or 4000K, 5000K	42900	165	120°	
5.1 Premiu	100-277VA C or 100-347VA C	280			46200	165	120°	
5.1 Premiu	or 347-480VA C	300			49500	165	120°	
5.1 Premiu		320			52800	165	120°	

# PACKAGE

## THE PACKAGE KIT INCLUDE

1 x fixture, 2 x suspension mounting kit

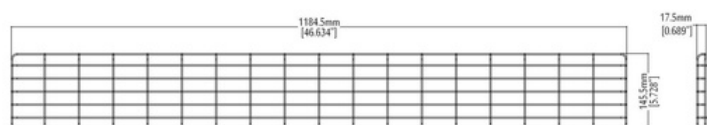
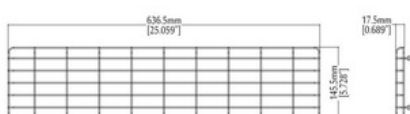
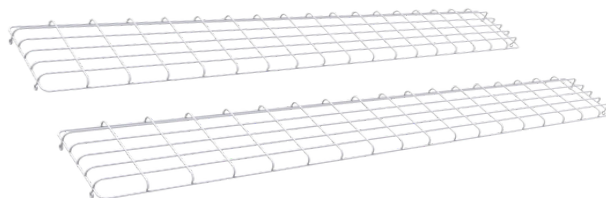
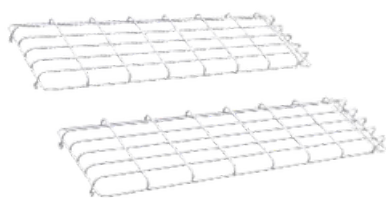


Size	L	W	H	CBM	QTY	TOTAL	Net Weight/Ctn		Gross Weight/Ctn	
					/CTN	CARTON	lbs	kg	lbs	kg
1x2	684	235	465	0.07	4	930	31.152	14.16	32.78	14.9
1x4	1235	235	465	0.13	4	468	48.0304	21.832	50.27	22.85

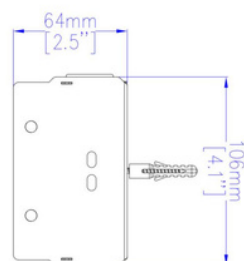
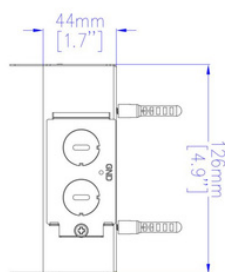
Size	20GP		40GP		40HQ	
	With Pallet	Without Pallet	With Pallet	Without Pallet	With Pallet	Without Pallet
1x2	1024	1440	2048	3060	2560	3332
1x4	512	720	1344	1620	1380	1764

# ACCESSORIES

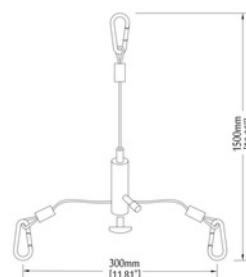
## WIRE GUARD, 2PCS/FIXTURE



## SURFACE MOUNTED KIT



## SUSPENSION MOUNTED KIT, 2PCS/FIXTURE



# OCCUPANCY SENSOR



Plug & Play Highbay  
PIR Sensor



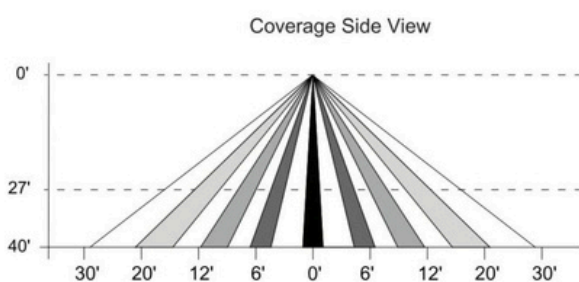
Connecting Base



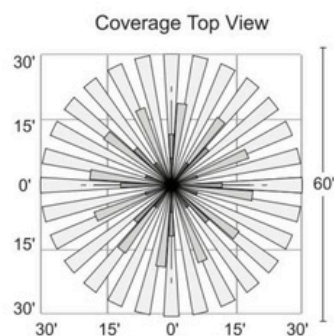
Remote Controller

## DETECTION PATTERN

### L3



L3: 360° Coverage



## SPECIFICATION

- Dual PD Technology: can identify daylight and artificial light.
- Input Voltage: 12VDC Output: 0-10V, 25mA sinking current
- Mounting Height: Max. 40ft. Detection Range: 30ft @ 40ft height in diameter
- IR remote commissioning: easy setting via remote
- controller Photocell available

## DEFAULT SETTING/SETTING

- Default Setting/Setting Sensitivity: 100%/25%, 50%, 75%, 100%
- Daylight Sensor: Disable/Ambient Learn, 10lux, 30lux, 50lux, 100lux, 300lux, 500lux, Disable
- Hold Time: 5min/10s, 1min, 5min, 5min, 10min, 15min, 20min, 30min, 60min
- Twilight Time: never turn off/1min, 30min, 1h, never
- Turn off Twilight Level: 20%/off, 10%, 20%, 50%

# SMART PHOTOCELL FUNCTION

## SMART PHOTOCELL FUNCTION

Open The Smart Photocell Sensor By Push



When Remote Control Is In Setting Condition.

### Settings on this

**demonstration:** Hold-time: Setpoint off:300lux

Stand-by period: +so

10min Setpoint on:50lux Stand-by Dim: 10%

(when The Smart Photocell Sensor Open, The Stand-by Time Is Only +s)



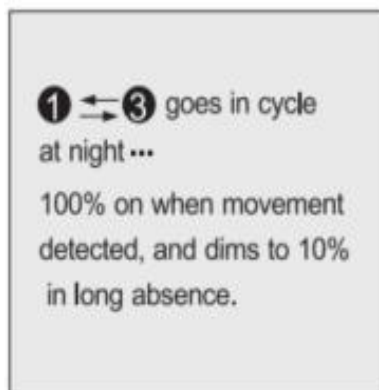
The Light Switches On At100% When There Is Movement Detected.



The Light Dims To Stand-by level After The Hold-time.



The Light Remains In Dimming Level At Night.



When The Natural Light Level Exceeds Setpoint Off To Light,The Light Will Turn Off Even If When Thespace Is Occupied.



The Light Automatically Turnson At 10% When Natural Lightis Insufficient (no Motion).

# OCCUPANCY SENSOR



Zhaga Highbay PIR Sensor

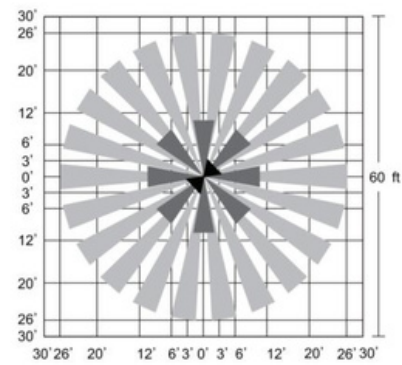
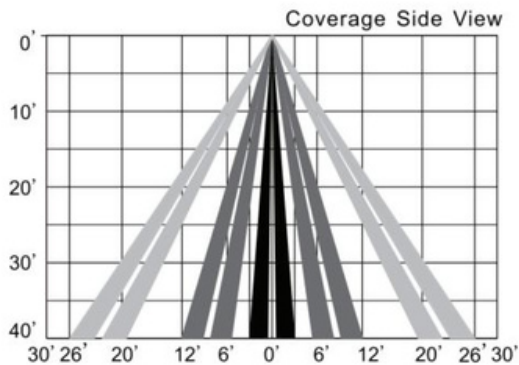


Zhaga Socket



Remote Controller

## DETECTION PATTERN



## SPECIFICATION

- Dual PD Technology: can identify daylight and artificial light.
- Input Voltage: 12VDC Output: 0-10V, 25mA sinking current
- Mounting Height: Max. 40ft.
- Detection Range: 30ft @ 40ft height in diameter
- IR remote commissioning: easy setting via remote controller Photocell available

## DEFAULT SETTING/SETTING

- Sensitivity: 100%/25%, 50%, 75%, 100%
- Daylight Sensor: Disable/Ambient Learn, 10lux, 30lux, 50lux, 100lux, 300lux, 500lux, Disable
- Hold Time: 5min/10s, 1min, 5min, 5min, 10min, 15min, 20 min, 30min, 60 min
- Twilight Time: never turn off/1min, 30min, 1h, never turn off
- Twilight Level: 20%/off, 10%, 20%, 50%

# OCCUPANCY SENSOR

## SMART PHOTOCELL FUNCTION

Open The Smart Photocell Sensor By Push 

When Remote Control Is In Setting Condition.

Settings on this demonstration: Hold-time: 10min Setpoint on:50lux (when The Smart Photocell Sensor Open, The Stand-by Time Is Only +s)

Stand-by Dim: 10%

Stand-by Dim: 10%

Stand-by period:

Stand-by period:

+so

+so



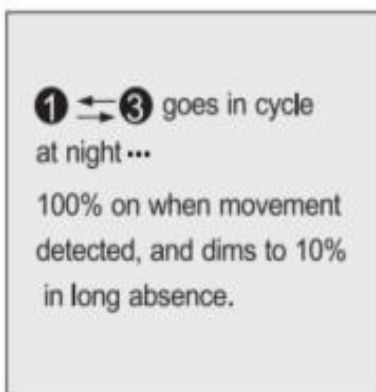
1 The Light Switches On At100% When There Is Movement Detected.



2 The Light Dims To Stand-by level After The Hold-time.



3 The Light Remains In Dimming Level At Night.



4 When The Natural Light Level Exceeds Setpoint Off To Light,The Light Will Turn Off Even If When Thespace Is Occupied.



5 The Light Automatically Turnson At 10% When Natural Lightis Insufficient (no Motion).

# EMERGENCY PACK

## SPECIFICATION

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Listed for field Installation—UL924 & CSA C22.2 NO.

141 Input: 120-277VAC/347VAC 50/60Hz

Output: 25-50VDC, 15 or 30W

Illumination Time: 90min

Battery Type:Li-ion Battery

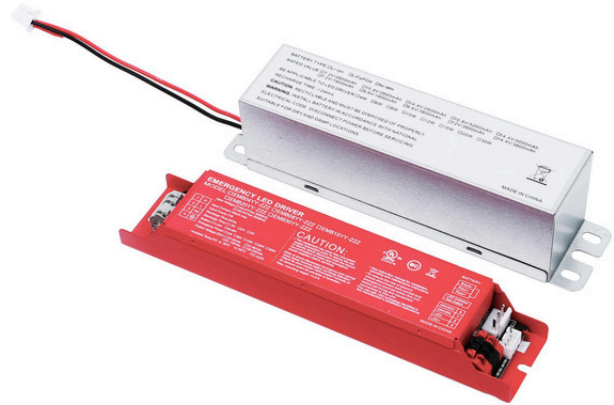
Recharge Time: 24Hrs

Surge Protection: 3KV Protection

: • Input over-current Protection (Fuse)

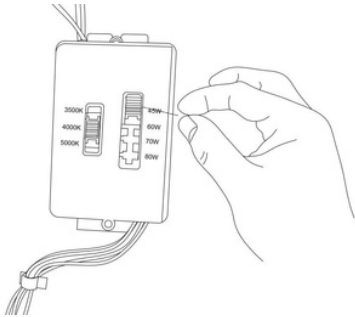
- Output over-voltage Protection
- Output Low Voltage Protection
- Output Short Circuit Protection

Working Temp.: 10°C to 50°C

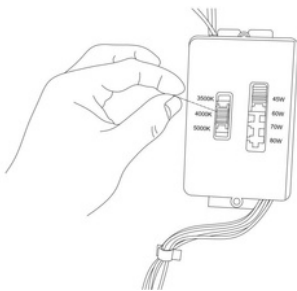


# FIELD ADJUSTABLE

## HOW TO CHANGE THE WATTAGE & CCT IN THIS FIXTURE



Power Adjustable Slide Switch Position				
Positon	0	1	2	3
1x2	30W	35W	40W	48W
1x2	50W	55W	60W	65W
1x2	63W	70W	75W	85W
1x2	95W	105W	115W	125W
1x2	130W	140W	155W	170W
1x4	150W	170W	190W	210W
1x4	195W	215W	230W	250W
1x4	260W	280W	300W	320W



CCT Tunable Slide Switch Position	
Position	CCT
Low	4000K
Middle	4500K
High	5000K

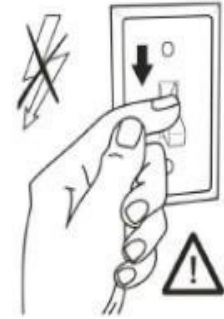
# LINEAR HIGHBAY SERIES—PENDANT MOUNTING

## INSTALLATION AND USERS' GUIDE

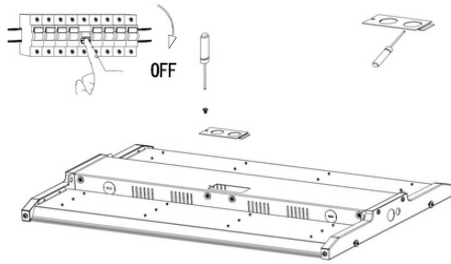
### WARNING

Risk of fire. Turn off power before installation. Risk of electronic shock. Install only by certified electrician with gloves. To be used indoor dry location only. If the luminaire exhibits undesirable operation (buzzing, flickering, not working etc.) ,immediately turn off power, remove luminaire and contact manufacturer.

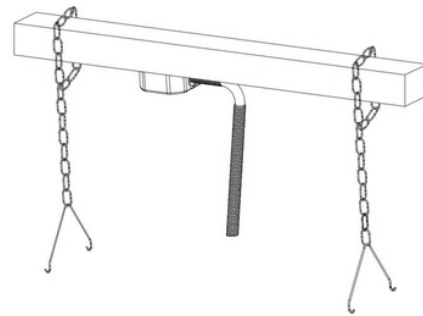
Do not make mass installation before testing.



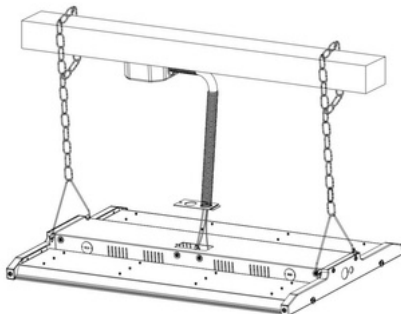
### INSTALLATION GUIDE



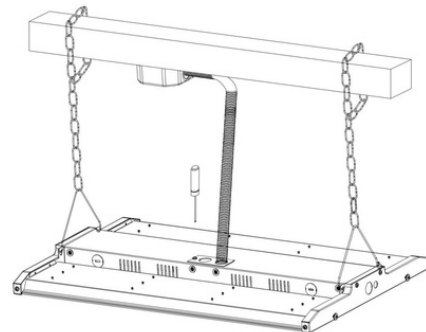
1. Always turn off power before installation.
2. Open the junction slide door, and open a knock-out hole for wiring.



3. Adjust the height of hanging cables.



4. Hang the fixture with V hook, put the pipe or metal tube through the slide door, connect the wiring according to local code.



5. Put the pipe or tube into the driver junction box, screw the slide door.
6. Turn on the power, the light will be lit.

# LINEAR HIGHBAY SERIES—SURFACE MOUNTING

## INSTALLATION AND USERS' GUIDE

### WARNING

Risk of fire. Turn off power before installation. Risk of electronic shock.

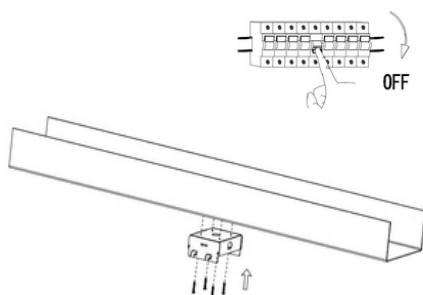
Install only by certified electrician with gloves. To be used indoor dry location only. If the luminaire exhibits undesirable operation (buzzing, flickering, not working etc.)

immediately turn off power, remove luminaire and contact manufacturer.

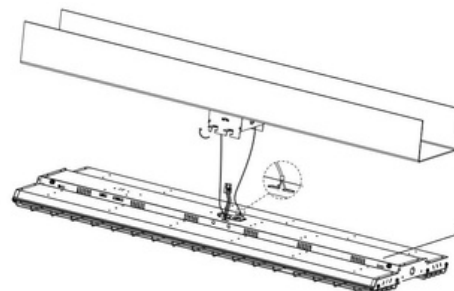
Do not make mass installation before testing.



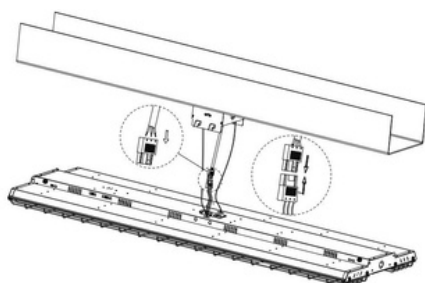
### INSTALLATION GUIDE



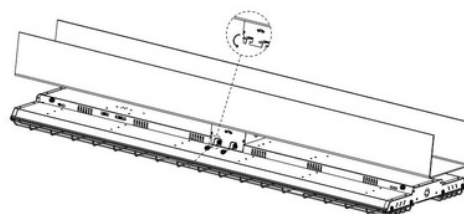
1. Always turn off power before installation.
2. Install the surface mounting bracket to the mounting surface.



3. Hang the fixture to the surface mounting bracket with safety cables.



4. Connect the wiring according to local code.



5. Slide the fixture into the slots from the surface mounting bracket.
6. Turn on power, the light will be lit.

# REVISION

2021-5-20: Update with Instructions

2020-6-2: Update with Plugable PIR

Sensor

2020-6-2: Update with Accessories

2020-6-2: Update with packing

informatoin