www.venas.com

Flat/Rm 1101D, 11/F Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, HongKong.

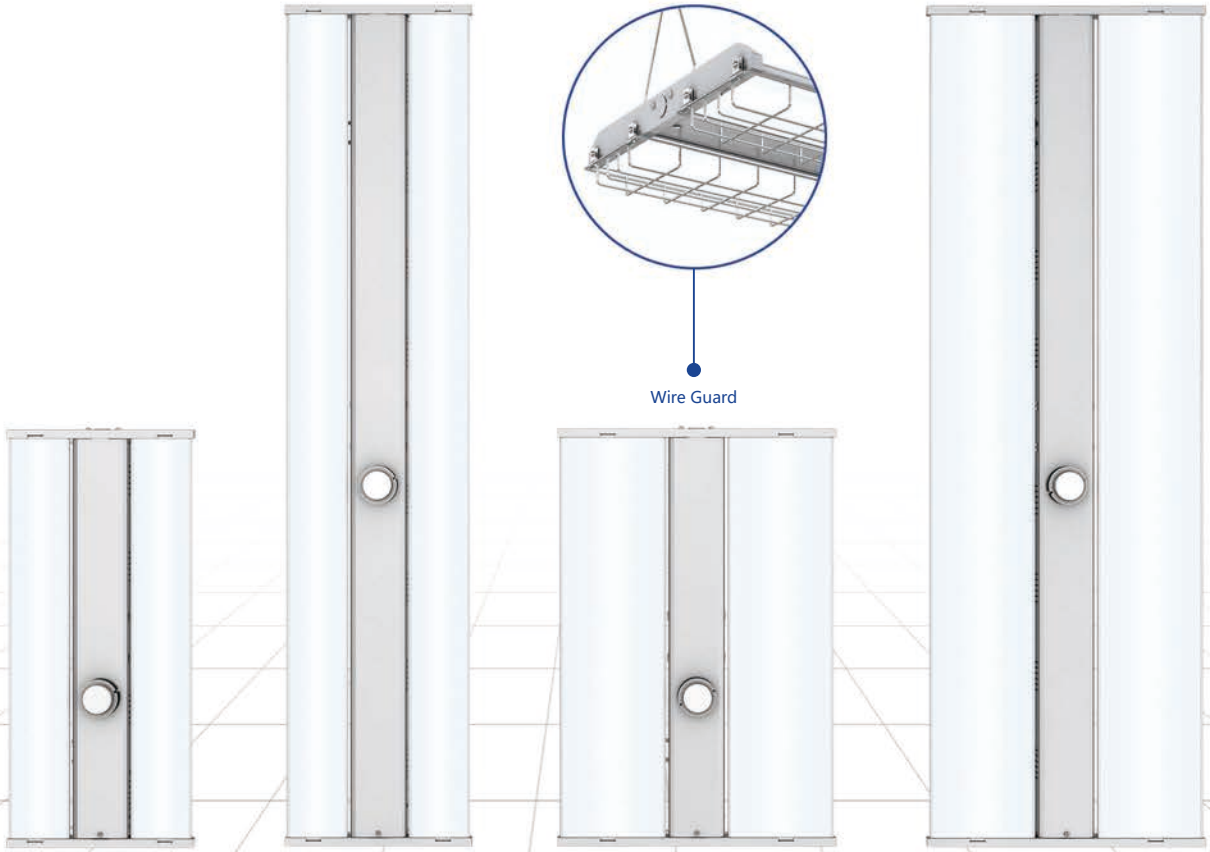
Specification

Page 1/8



SD-LINEAR HIGH BAY

80W/100W/160W/220W/320W

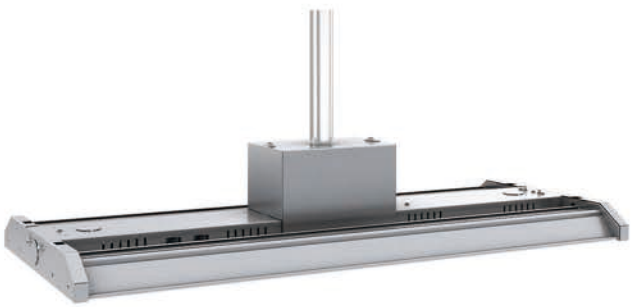


Venas Linear High Bay Series is suitable for residential and commercial lighting. Dimming and power regulation functions are available so it can adapt to changes in different situations, saving energy and offering convenience to users. Its unique design allows it to shine partially upward (about 14% of its light), avoiding the formation of shadows on the ceiling. It also shows excellent performance in uniform light distribution.

○ Chain Mounting



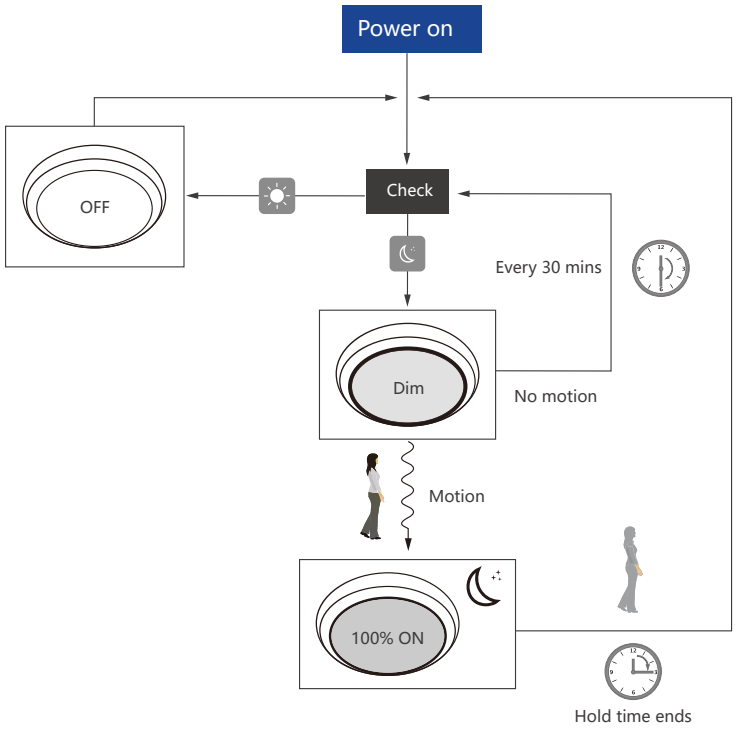
○ Pendant Mounting

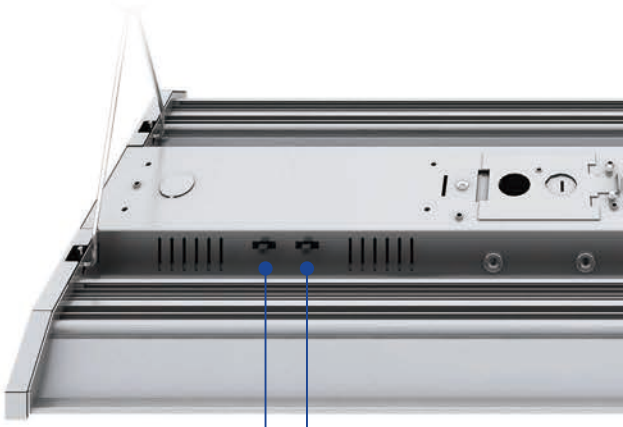


FEATURES



Microwave Sensor



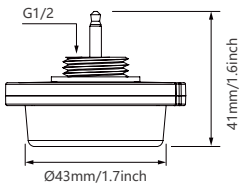


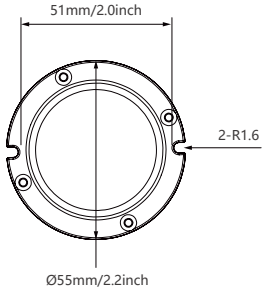
Power Switch

Power Adjustable
H2: 80W/100W/160W
H3: 80W/100W/160W
H5: 100W/160W/220W;
160W/220W/320W
H6: 160W/220W/320W

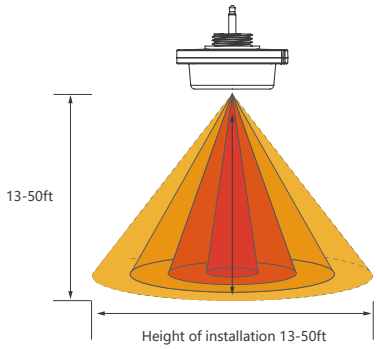
CCT Switch

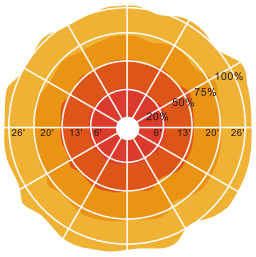
CCT Tunable
4000K/4500K/5000K





Sensor Coverage





• Corridor Function

This function inside the motion sensor provides three-level control for specific areas that require an indication of light change before turning off. The sensor provides 3 light levels: 100%- > dimmed light (natural light is insufficient)- > off; and 2 periods of selectable waiting time: motion hold time and stand-by time: selectable daylight threshold and selectable detection area.



With sufficient natural light, the light does not switch on when presence is detected.



With insufficient natural light, the sensor switches on the light automatically when presence is detected.



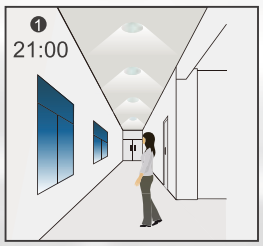
After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.



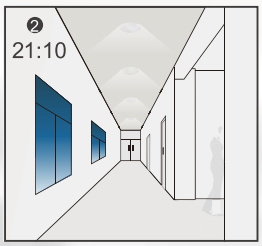
Light switches off automatically after the stand-by period elapses.

• Daylight Sensor Function

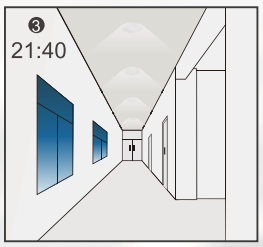
Open the daylight sensor by pushing ⏃ when the remote control is in setting condition.



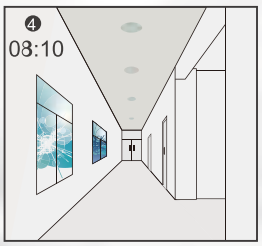
The light switches on at 100% when there is movement detected.



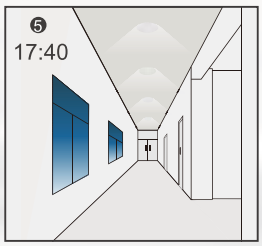
The light dims to stand-by level after the hold-time.



The light remains at a dimming level at night.



The light turns off when the natural light level exceeds the set point.



The light automatically turns on at 10% when natural light is insufficient (no motion).

① ⟷ ③

Go in a cycle at night ... 100% on when movement is detected and dim to 10% brightness in long absence.

Settings on this demonstration:
Hold-time: 30 min
Setpoint on: 50 lux
Setpoint off: 300 lux
Stand-by Dim: 10%
Stand-by period: +∞

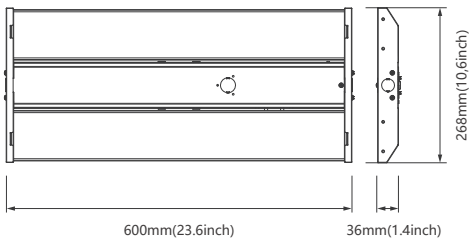
◇ When the smart photocell sensor opens, the standby time is only +∞

SPECIFICATION

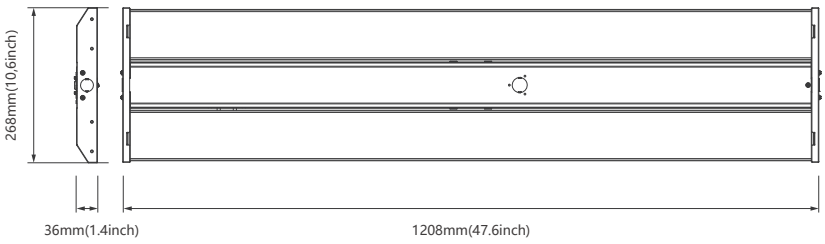
Model NO.	H2-80W/100W/160W-SD H2-80W-XDZ H2-100W-XDZ	H3-80W/100W/160W-SD H3-160W-XDZ	H5-100W/160W/220W SD H5-160W/220W/320W BD-40 H5-160W/220W/320W BD-50 H5-100W-XDZ H5-160W-XDZ	H6-160W/220W/320W SD H6-220W-XDZ H6-320W-XDZ
Input Voltage	AC120-277V; AC120-347V	AC120-277V; AC120-347V	AC120-277V; AC120-347V; 480V	AC120-277V; AC120-347V
Wattage (Adjustable)	80W/100W/160W	80W/100W/160W	100/160/220W or 160/220/320W	160W/220W/320W
Wattage (Fixed)	80W; 100W	160W	100W; 160W	220W; 320W
Power Factor	≥0.9	≥0.9	≥0.9	≥0.9
Power Efficiency	88%	88%	88%	88%
Power Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Total Harmonic Distortion	<20%	<20%	<20%	<20%
LED Chip	LED2835	LED2835	LED2835	LED2835
Lumen Output	24,000lm 10,800lm/13,500lm	24,000lm 21,600lm	33,000lm/48,000lm 13,500lm/21,600lm	48,000lm 29,700lm/43,200lm
Efficiency (±10%)	150lm/W (adjustable watt model) 135lm/W (fixed watt model)	150lm/W (adjustable watt model) 135lm/W (fixed watt model)	150lm/W (adjustable watt model) 135lm/W (fixed watt model)	150lm/W (adjustable watt model) 135lm/W (fixed watt model)
Beam Angle	105°	105°	105°	105°
CCT (Tunable)	4000K/4500K/5000K	4000K/4,500K/5,000K	4000K/4500K/5000K	4000K/4500K/5000K
CCT (Fixed)	4000K; 5000K; 5700K	4000K; 5,000K; 5,700K	4000K; 5000K; 5700K	4000K; 5000K; 5700K
CRI	> 80	> 80	> 80	> 80
Operating Temperature	-25°C to +50°C (-13°F to +122°F)	-25°C to +50°C (-13°F to +122°F)	-25°C to +50°C (-13°F to +122°F)	-25°C to +50°C (-13°F to +122°F)
IP Rating	IP20	IP20	IP20	IP20
Ambient Temperature	-25°C~45°C	-25°C~45°C	-25°C~45°C	-25°C~45°C
Lifespan	50,000 Hours	50,000 Hours	50,000 Hours	50,000 Hours
Warranty	5 Years	5 Years	5 Years	5 Years
Housing Material	Aluminum	Aluminum	Aluminum	Aluminum
Lens Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material
Gross Weight	6.4kg(14.1lbs)	9.8kg(21.6lbs)	10.0kg(22.0lbs)	13.0kg(28.7lbs)
Product Dimension (mm/inch)	600x268x36(23.6x10.6x1.4)	1208x268x36(47.6x10.6x1,4)	600x400x36(23.6x15.7x1.4)	1208x400x36(47.6x15.7x1.4)
Packing Size (mm/inch) (2 Pcs. per Carton)	680x340x120(26.8x13.4x4.7)	1290x340x120(50.8x13.4x4.7)	680x470x120(26.8x18.5x4.7)	1290x470x120(50.8x18.5x4.7)

DIMENSIONS

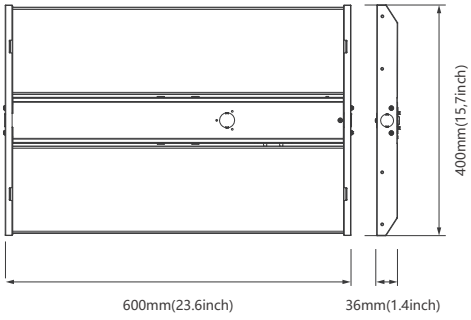
H2



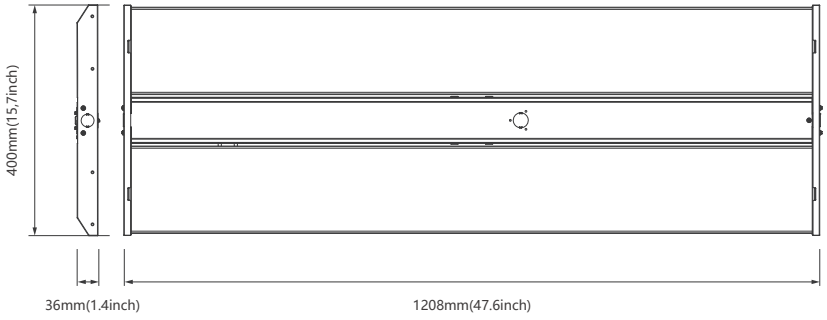
H3



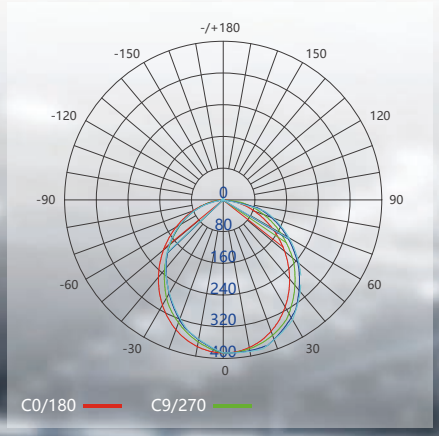
H5



H6



LIGHT DISTRIBUTION



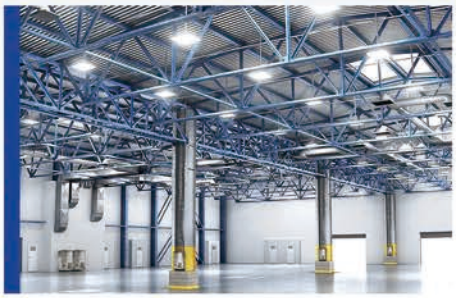
Optional(105⁰)

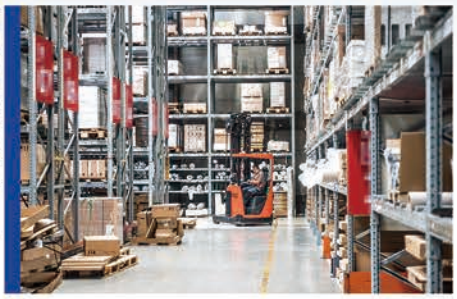


APPLICATION AREAS

Supermarkets/Lobbies/Offices/Retail Stores/Schools/Restaurants/Hospitals/Kitchens







<END>

