

# HiFly A

High performance design with SMD2835

System Efficacy : 150LM/W(5000K Ra80)

Luminous Flux : 27000LM(180W)

CCT : 3000K, 4000K, 5000K

CRI > Ra80

System Efficiency : >91%

Power Factor : >0.93

Beam Angle : L00C01

Input Voltage : 100-277VAC (Sosen LED Driver);

277-480VAC (Inventronics LED Driver).

Power Frequency : 50/60Hz

Total Harmonic Distortion : <20%

Life Span : >50000Hrs(Ta=30°C@L70)

Operating Temperature : -30~+45°C

Storage Temperature : -40~+70°C

Junction Temperature(Tj) : <70°C(Ta=30°C)

5 Years warranty

Fixture Material: Aluminum Alloy

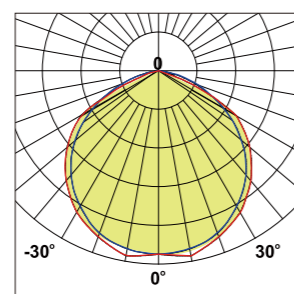
## HiFly A Product Range

Part Number	LHB07-80/T	LHB07-120/T	LHB07-180/T
Lumen Output	11,600lm	17,400lm	26,100lm
Wattage	80W	120W	180W
Luminous Efficacy	150lm/W	150lm/W	150lm/W
CCT	3000K, 4000K, 5000K		
CRI	>Ra80		
Beam Angle	L00C01		
Input Voltage	100-240VAC/100-277VAC/277-480VAC(Inventronics), 50-60Hz, PF ≥ 0.93		
IP Rating	IP20		
LED Driver	Sosen, Inventronics		
Certification	UL, DLC Pending		

## Control Options

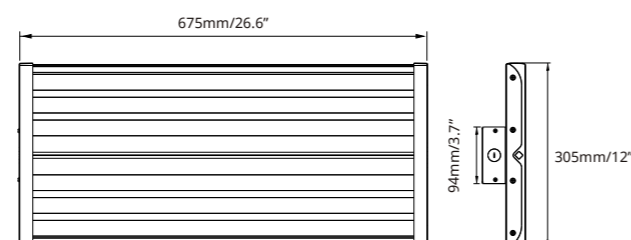
PIR Sensor	Montion Sensor
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## Photometric Diagrams



L00C01

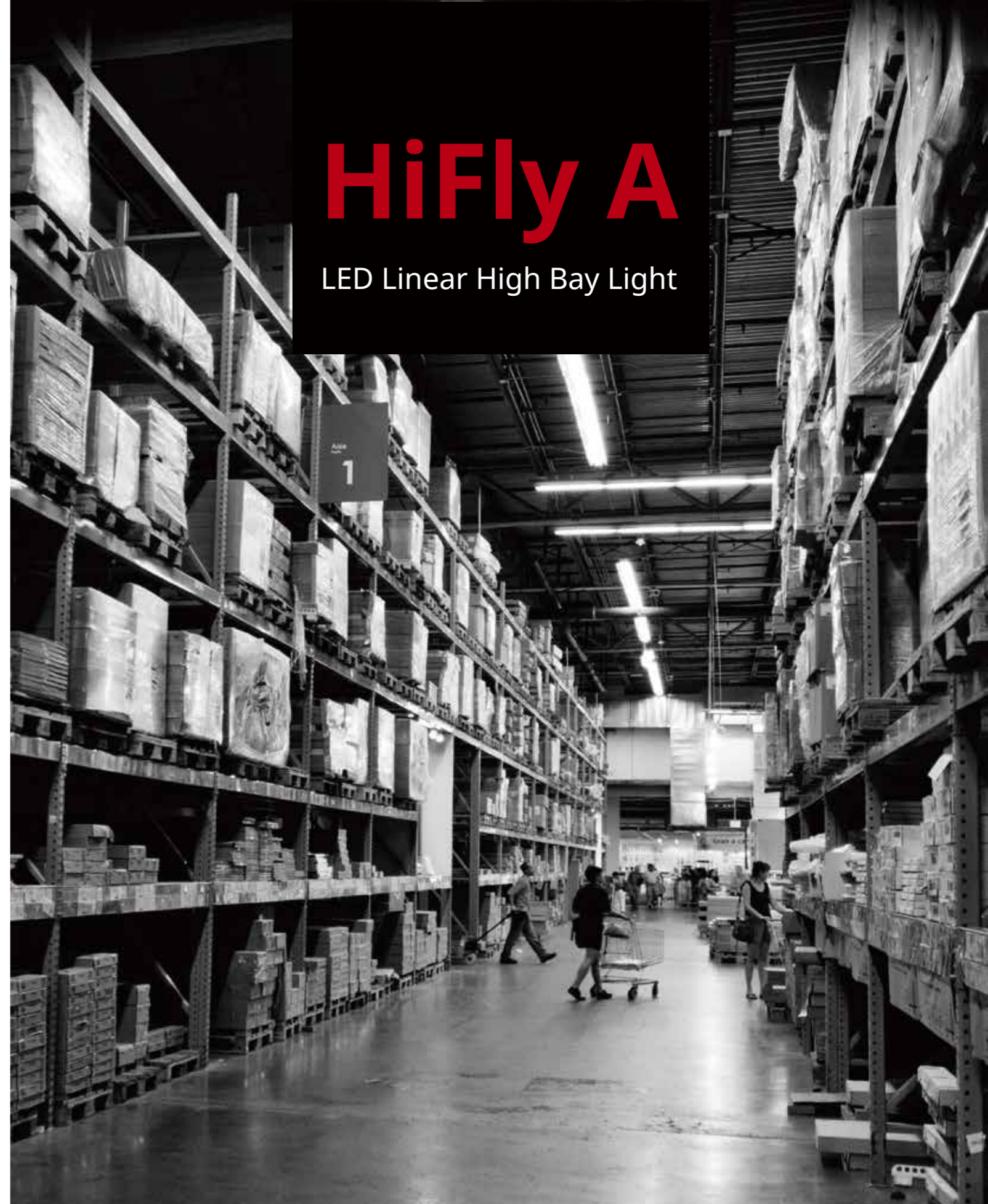
## Physical Dimensions



V2.1

# HiFly A

LED Linear High Bay Light



ISO9001: 2008



# HiFly HA-07

LED Linear High Bay Light

## Lumen & Energy Efficiency

HiFly A has higher luminous efficacy which is up to 150lm/W (5000K Ra80). Comparing to normal COB and HID, Hifly saves more than 91% energy.



HiFly A  
150lm/W  
Energy efficiency > 91%

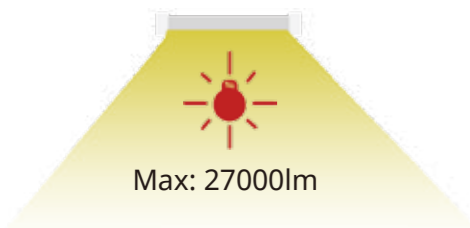


COB High Bay Light  
85lm/W  
Energy efficiency > 80%



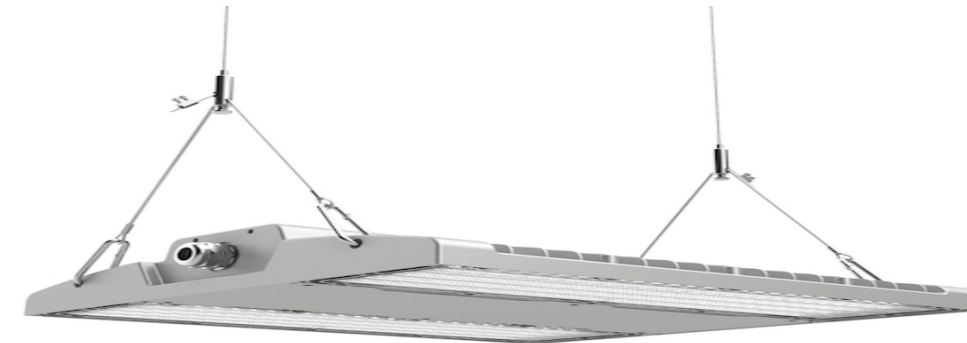
## High Luminous Flux

It's luminous flux up to 27000lm.



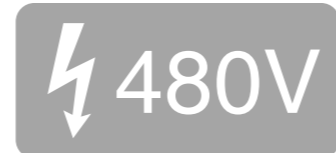
## UL&DLC Certification

HiFly would not only apply UL and DLC, but also include PIR sensor and motion sensor into its application portfolio.



## High Voltage

HiFly A also provides high voltage version. (277-480VAC)



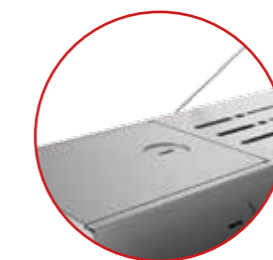
## Surface Treatment

Sandblasting oxidation treatment on heat sink makes fixture body insulated with better abrasion performance and corrosion resistance.



## Wiring

There is a junction box alongside the fixture for preventing wiring exposed outside. Cables could be wired inside the box for situations when intelligent options are added. It is safer practice and complied with wiring code.

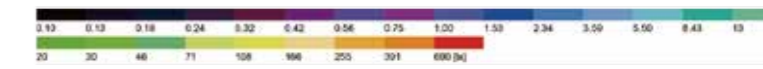
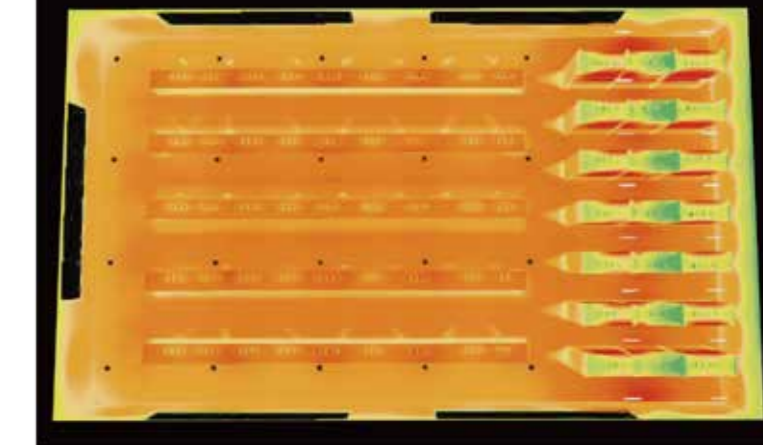


## Applicaiotns



# HiFly HA-07

Dialux Simulation



HiFly-HB07-180 L00C01 5000K Ra80

## Optional Intelligent Controls

Intelligent controls include PIR Sensor, and Microwave Motion Sensor.

## LED Driver

HiFly B provides Sosen and Inventronics LED Driver. Sosen is adopted at 100-277V, while Inventronics is used at 277-480V.



Sosen LED Driver



Inventronics LED Driver