



Catalog 2017 of LED Linear High Bays IP65

These LHB will lower electric bill up to 70%



an industry leader in providing the market with innovative, energy efficient, money saving LED lights

**All our LED Light Bulbs are Environmentally friendly
Have No Infrared or UV radiation**

Average lifetime of Linear High Bays is 10-20x longer than Metal Halide, HPS light bulbs and T5HO bulbs

Less pulsation/flicker, that makes light environment more safe for workers

High Ceiling type of Linear High Bays is available

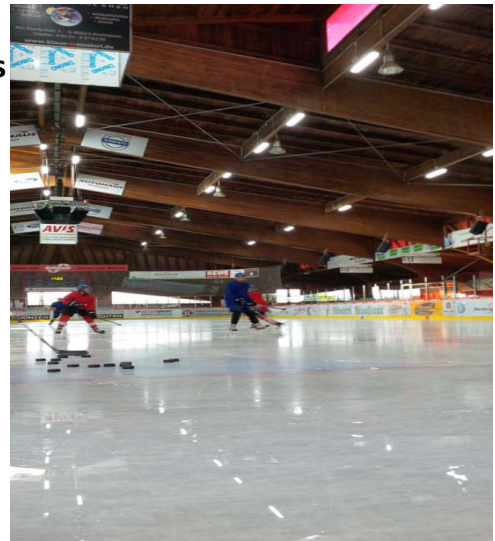


Linear High Bays IP65 50.0 – 600.0 Watt Replaces MH, HPS, FL 125.0 – 1500.0 Watt Replaces High Bays with T5HO tubes

- **Highest efficiency on market – up to 125 Lm/w**
 - Save up to **70%** compared to Metal Halide, High Pressure Sodium bulbs
 - Save up to **50%** compare to **T5HO tubes High Bays**

- **Longer life span than regular LED High Bay and others**
 - Lower operating temperature
 - Better heat dissipation
 - Bigger heat sink

- **Intended for use in harsh environments:**
 - High temperature environment
 - Low Temperature environment
 - High moisture environment
 - High Dust environment
 - Has all silicone gaskets – longer life
 - **Dustproof – IP 65**
 - Can be spray washed – **IP 65 Waterproof**



- **Suitable for agriculture use:**

- Green houses
- Chicken, turkey farms
- Pig farms
- Cow farms

- **Provides wider light spread of light**
 - Eliminates glare
 - Reduces shadows



- **Increase energysavings by using occupancy sensors and electronic switches**
 - Unlimited number of On/Off cycles
 - Has dimmable options: 0 – 10V, DMX, DALI

- **Fast installation with provided hanging kits**
- All sizes **2, 3, 4, 5 Feet** available

- **High Ceiling type – HCLHB is available – up to 120 foot high**



Linear High Bay IP65(LHB) 60 Watt

Replaces Metal Halide or HPS – up to 125 Watt, HB with T5HO



Ordering Code:

AZFY-LHB-60-120-5,0-US



LHB dimensions:

Overall Length (L): 25.23"/641 mm
Width (W): 5.5"/140 mm
Height (H): 3.00"/75 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces High Bay shop lights with **T5 HO tubes**
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less** load on electrical grid, **NO** maintains

General Characteristics:

Type:	Linear High Bay
Body:	Anodized Aluminum
Diffusor:	Polycarbonate
Protection rate:	IP65
Rated avg. lifespan:	> 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) :	6500-7500
Lumen per Watt - Efficacy (Lm/W):	up to 125
Color T available:	2200K - 5000K
Beam Angle:	120 degree

Electrical Characteristics:

Wattage:	60.0 Watt
Voltage:	120 /277 VAC
Frequency:	50-60 Hz
Power Factor:	> 0.95
Lamp Current:	0.5A
Dimmable:	Available as an Option
Starting Time:	0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.

Linear High Bay IP65(LHB) 80 Watt

Replaces Metal Halide or HPS – up to 175 Watt, HB with T5HO



Ordering Code:

AZFY-LHB-80-120-5,0-US



LHB dimensions:

Overall Length (L): 25.23"/641 mm
Width (W): 5.5"/140 mm
Height (H): 3.00"/75 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces High Bay shop lights with **T5 HO tubes**
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less** load on electrical grid, **NO** maintains

General Characteristics:

Type:	Linear High Bay
Body:	Anodized Aluminum
Diffusor:	Polycarbonate
Protection rate:	IP65
Rated avg. lifespan:	> 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) :	9000-10000
Lumen per Watt - Efficacy (Lm/W):	up to 125
Color T available:	2200K - 6500K
Beam Angle:	120 degree

Electrical Characteristics:

Wattage:	80.0 Watt
Voltage:	120 /277 VAC
Frequency:	50-60 Hz
Power Factor:	> 0.95
Lamp Current:	0.65A
Dimmable:	Available as an Option
Starting Time:	0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.

Linear High Bay IP65(LHB) 100 Watt

Replaces Metal Halide or HPS – up to 225 Watt, HB with T5HO



Ordering Code:

AZFY-LHB-100-120-5,0-US



LHB dimensions:

Overall Length (L): 36.0"/915 mm
Width (W): 5.5"/140 mm
Height (H): 3.00"/75 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces High Bay shop lights with **T5 HO tubes**
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less load** on electrical grid, **NO** maintains

General Characteristics:

Type:	Linear High Bay
Body:	Anodized Aluminum
Diffusor:	Polycarbonate
Protection rate:	IP65
Rated avg. lifespan:	> 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) :	11000-12000
Lumen per Watt - Efficacy (Lm/W):	up to 125
Color T available:	2200K - 6500K
Beam Angle:	120 degree

Electrical Characteristics:

Wattage:	100.0 Watt
Voltage:	120 /277 VAC
Frequency:	50-60 Hz
Power Factor:	> 0.95
Lamp Current:	0.85A
Dimmable:	Available as an Option
Starting Time:	0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.

Linear High Bay IP65(LHB) 120 Watt

Replaces Metal Halide or HPS – up to 300 Watt, HB with T5HO



Ordering Code:

AZFY-LHB-120-120-5,0-US



LHB dimensions:

Overall Length (L): 36.0"/915 mm
Width (W): 5.5"/140 mm
Height (H): 3.00"/75 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces High Bay shop lights with **T5 HO tubes**
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less load** on electrical grid, **NO** maintains

General Characteristics:

Type:	Linear High Bay
Body:	Anodized Aluminum
Diffusor:	Polycarbonate
Protection rate:	IP65
Rated avg. lifespan:	> 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) :	13000-14000
Lumen per Watt - Efficacy (Lm/W):	up to 125
Color T available:	2200K - 6500K
Beam Angle:	120 degree

Electrical Characteristics:

Wattage:	120.0 Watt
Voltage:	120 /277 VAC
Frequency:	50-60 Hz
Power Factor:	> 0.95
Lamp Current:	1.0 A
Dimmable:	Available as an Option
Starting Time:	0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.

Linear High Bay IP65(LHB) 150 Watt

Replaces Metal Halide or HPS – up to 400 Watt, HB with T5HO



Ordering Code:

AZFY-LHB-150-120-5,0-US



LHB dimensions:

Overall Length (L): 48.0"/1205 mm
Width (W): 5.5"/140 mm
Height (H): 3.00"/75 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces High Bay shop lights with **T5 HO tubes**
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less** load on electrical grid, **NO** maintains

General Characteristics:

Type:	Linear High Bay
Body:	Anodized Aluminum
Diffusor:	Polycarbonate
Protection rate:	IP65
Rated avg. lifespan:	> 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) :	15500-17000
Lumen per Watt - Efficacy (Lm/W):	up to 125
Color T available:	2200K - 6500K
Beam Angle:	120 degree

Electrical Characteristics:

Wattage:	150.0 Watt
Voltage:	120 /277 VAC
Frequency:	50-60 Hz
Power Factor:	> 0.95
Lamp Current:	1.25A
Dimmable:	Available as an Option
Starting Time:	0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.

Linear High Bay IP65(LHB) 180 Watt

Replaces Metal Halide or HPS – up to 450 Watt, HB with T5HO



Ordering Code:

AZFY-LHB-180-120-5,0-US



LHB dimensions:

Overall Length (L): 48.0"/1205 mm
Width (W): 5.5"/140 mm
Height (H): 3.00"/75 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces High Bay shop lights with **T5 HO tubes**
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less** load on electrical grid, **NO** maintains

General Characteristics:

Type:	Linear High Bay
Body:	Anodized Aluminum
Diffusor:	Polycarbonate
Protection rate:	IP65
Rated avg. lifespan:	> 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) :	18500-21000
Lumen per Watt - Efficacy (Lm/W):	up to 125
Color T available:	2200K - 6500K
Beam Angle:	120 degree

Electrical Characteristics:

Wattage:	180.0 Watt
Voltage:	120 /277 VAC
Frequency:	50-60 Hz
Power Factor:	> 0.95
Lamp Current:	1.5 A
Dimmable:	Available as an Option
Starting Time:	0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.

Linear High Bay IP65(LHB) 200 Watt

Replaces Metal Halide or HPS – up to 500 Watt, HB with T5HO



Ordering Code:

AZFY-LHB-200-120-5,0-US



LHB dimensions:

Overall Length (L): 60.0"/1525 mm
Width (W): 5.5"/140 mm
Height (H): 3.00"/75 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces High Bay shop lights with **T5 HO tubes**
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less** load on electrical grid, **NO** maintains

General Characteristics:

Type:	Linear High Bay
Body:	Anodized Aluminum
Diffusor:	Polycarbonate
Protection rate:	IP65
Rated avg. lifespan:	> 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) :	21000-22000
Lumen per Watt - Efficacy (Lm/W):	up to 125
Color T available:	2200K - 6500K
Beam Angle:	120 degree

Electrical Characteristics:

Wattage:	200.0 Watt
Voltage:	120 /277 VAC
Frequency:	50-60 Hz
Power Factor:	> 0.95
Lamp Current:	1.7 A
Dimmable:	Available as an Option
Starting Time:	0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.

Linear High Bay IP65(LHB) 220 Watt

Replaces Metal Halide or HPS – up to 600 Watt, HB with T5HO



Ordering Code:

AZFY-LHB-220-120-5,0-US



LHB dimensions:

Overall Length (L): 60.0"/1525 mm
Width (W): 5.5"/140 mm
Height (H): 3.00"/75 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces High Bay shop lights with **T5 HO tubes**
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less load** on electrical grid, **NO** maintains

General Characteristics:

Type:	Linear High Bay
Body:	Anodized Aluminum
Diffusor:	Polycarbonate
Protection rate:	IP65
Rated avg. lifespan:	> 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) :	22500-24000
Lumen per Watt - Efficacy (Lm/W):	up to 125
Color T available:	2200K - 6500K
Beam Angle:	120 degree

Electrical Characteristics:

Wattage:	220.0 Watt
Voltage:	120 /277 VAC
Frequency:	50-60 Hz
Power Factor:	> 0.95
Lamp Current:	1.85 A
Dimmable:	Available as an Option
Starting Time:	0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.

High ceiling, **120 foot**, Linear High Bays IP65(HCLHB) High power 80 – **600 Watt**, narrow beam 40 – 80 degree



Ordering Code:

AZFY-HCLHB-160-40-5,0-US



Color T	Power W	Height (F)	40° Lux Lx/FC	80° Lux Lx/FC
4000K	160W	24 F	419/39	158/15
		30 F	268/25	101/9.4
		36 F	186/18	70/6.5
		42 F	137/13	51/4.7
6000K	160W	24 F	450/42	170/17
		30 F	288/27	108/10
		36 F	200/19	75/7
		42 F	147/14	55/5

HCLHB dimensions:

Overall Length (L): 60.0"/1525 mm
Width (W): 5.5"/140 mm
Height (H): 4.00"/100 mm

Worldwide and USA patented

Key Features and Benefits:

- Replaces **High Ceiling** High Bay warehouse lights
- **Replacement for Metal Halide, HPS, T5HO lights**
- **Lowers electric** light bill up to **80%**
- **IP65 – Dust proof, corrosion proof, water proof**
- **Immediate start – NO** warm up time
- **No cool down time** – can start again in a second
- **Compatible with** occupancy sensors
- **More** work hours - **70,000 Hours** Average Life time
- **Low** Pulsation light – **Less** eye fatigue, less stress
- **Free** from Ultraviolet and Infrared radiation
- **Free** from Mercury and Lead. **RoHS** certified
- **More** On/Off Switching cycles - 20000X+
- **Less** load on electrical grid, **NO** maintains

General Characteristics:

Type: **High Ceiling Linear High Bay**
Body: Anodized Aluminum
Diffusor: Polycarbonate
Protection rate: **IP65**
Rated avg. lifespan: > 70,000 hours

Light Technical Characteristics:

Lumen output (Lm) : **17000-19000**
Lumen per Watt - Efficacy (Lm/W): up to 125
Color T available: 2200K - 6500K
Beam Angle: **40/80** degree

Electrical Characteristics:

Wattage: **160.0** Watt
Voltage: **120 /277** VAC
Frequency: 50-60 Hz
Power Factor: > 0.95
Lamp Current: 1.25 A
Dimmable: Available as an Option
Starting Time: 0.5s

Warnings and safety:

- Before replacing, **turn off power** to avoid electrical shock or burn.



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