

Installation Manual

LED UFO Ultimate

Application

LED UFO Ultimate lighting fixture is suitable for:

- > manufacturing plants
- > warehouse lighting
- > stations



Electrical characteristics

Supply voltage	100-240VAC
Frequency	50/60 Hz
Power factor	≥0.95
Dimmable	Yes, 1-10V
Control Protocol(s)	DALI2 (optional)
Sensor	Motion sensor (optional)

Protection

Body material	Aluminium Color 9006 Grey
Optic material	Polycarbonate (PC)
Ingress protection	IP65
IK Rating	IK 09
Safety class	Class I
Surge protection	L-N:6KV; L/N-GND:6KV

Standards

Harmonics (THD)	EN 61000-3-2 Class C<20%
EMC Immunity	EN 61547
Conducted Emission Test	EN 55015
Luminaires	EN 60598-1
LED Luminaire performance	EN 62722-2-1
Photobiological safety	EN 62471

Lighting characteristics

Efficiency	up to 190 lm/W
Color rendering index (CRI)	>80 (standard) >70, >90 (on request)
Color temperature (CCT)	4000K/5000K/6500K
Beam angle	60°/90°/120°
Flicker	Flickerfree

Warranty condition

Lifespan of the LEDs @ Ta 25°	L70B10 ->100 000h L80B10 -50 000h L90B10 -30 000h
Warranty	5Y
Ambient temperature	30~45°C
Storage temperature	20~60°C

Product	Rated Power	VAC	Efficiency	CCT	Luminous Flux	CRI	# LEDs	Diameter (mm)	Height (mm)
Standard Models									
LED UFO Ultimate 100W	100W	100-240VAC	165lm/W	4000K/5000K/6500K	16 500lm	>80	200	280	166
LED UFO Ultimate 150W	150W	100-240VAC	165lm/W	4000K/5000K/6500K	24 750lm	>80	300	320	167
LED UFO Ultimate 200W	200W	100-240VAC	165lm/W	4000K/5000K/6500K	33 000lm	>80	400	360	167
High Lumen Models									
LED UFO Ultimate 100W	100W	100-240VAC	180lm/W	4000K/5000K/6500K	18 000lm	>80	320	280	166
LED UFO Ultimate 100W CRI70	100W	100-240VAC	190lm/W	4000K/5000K/6500K	19 000lm	>70	320	280	166
LED UFO Ultimate 150W	150W	100-240VAC	180lm/W	4000K/5000K/6500K	27 000lm	>80	480	320	167
LED UFO Ultimate 150W CRI70	150W	100-240VAC	190lm/W	4000K/5000K/6500K	28 500lm	>70	480	320	167
LED UFO Ultimate 200W	200W	100-240VAC	180lm/W	4000K/5000K/6500K	36 000lm	>80	640	360	167
LED UFO Ultimate 200W CRI70	200W	100-240VAC	190lm/W	4000K/5000K/6500K	38 000lm	>70	640	360	167
High CRI Models									
LED UFO Ultimate 100W CRI90	100W	100-240VAC	155lm/W	4000K/5000K/6500K	15 500lm	>90	320	280	166
LED UFO Ultimate 150W CRI90	150W	100-240VAC	155lm/W	4000K/5000K/6500K	23 250lm	>90	480	320	167
LED UFO Ultimate 200W CRI90	200W	100-240VAC	155lm/W	4000K/5000K/6500K	31 000lm	>90	640	360	167

LED'S START UP THE LIGHT

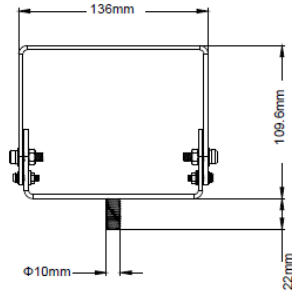
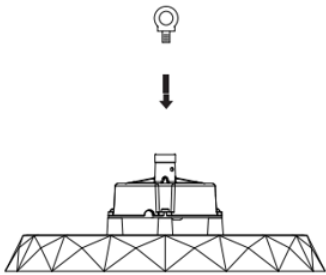
Headquarters
Electrostart JSCo
Bulgaria, Sofia 1404, 81, Bulgaria blvd.
City General Business Center, building 2, floor 3, office 6
tel: +359 2 400 77 71, fax: +359 2 400 77 84

Registered office and factory
Electrostart JSCo
Bulgaria, Varshets 3540
2 Republika blvd
tel: +359 2 400 70 11, fax: +359 2 400 70 12

PENDANT EYEBOLT MOUNTING

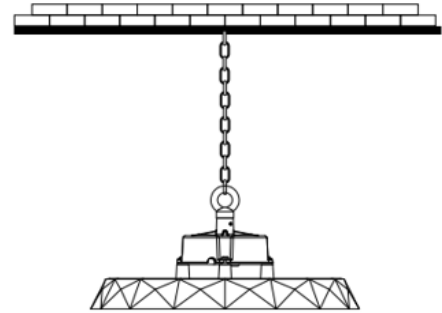
STEP 1

Thread to enclosed eyebolt hook or clamp (for surface mount) into the top of the luminaire housing, and tighten securely. Tighten the set screw to prevent the eyebolt from loosening.



STEP 2

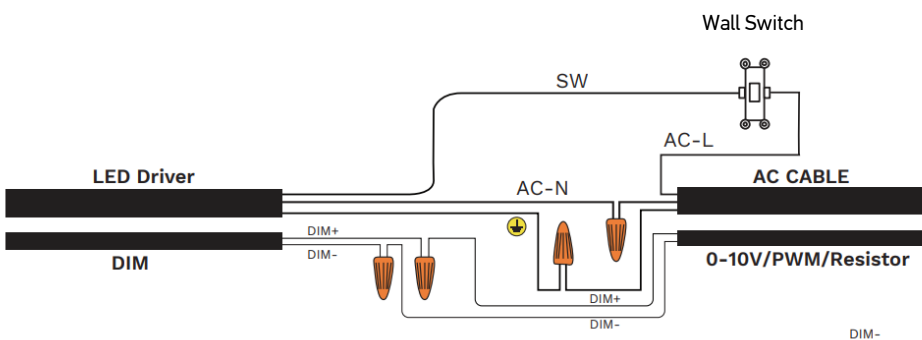
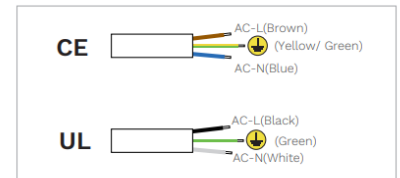
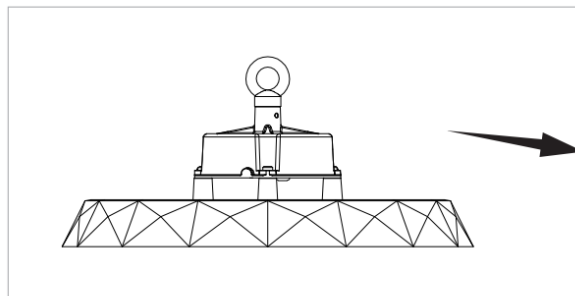
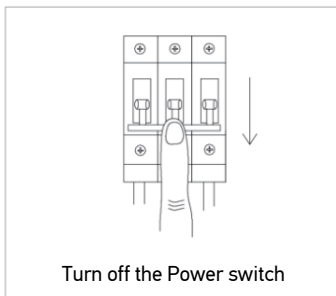
Use a chain, cable, mounting hook, or other mounting hardware to suspend the luminaire. Make sure the mounting hardware is securely attached to a stationary structure and strong enough to safely be attached to a stationary structure and strong enough to safely suspend the luminaire.



STEP 3

Refer to the Wiring Diagram to make electrical connections.

REFER TO WIRING DIAGRAM TO MAKE ELECTRICAL CONNECTIONS



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 Bulgaria, Sofia 1404, 81, Bulgaria blvd.
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 tel: +359 2 400 77 71, fax: +359 2 400 77 84

Registered office and factory
 Electrostart JSCo
 Bulgaria, Varshets 3540
 2 Republika blvd
 tel: +359 2 400 70 11, fax: +359 2 400 70 12

Safety instruction

Please read carefully all instructions before attempting installation.

Please keep this manual for future using.

To prevent personal injury or product damage only licensed electricians should provide all installation services.

Risk of fire or electric shock.

Fixture must be installed in accordance with the National Electrical Code (NEC) and all applicable Local electrical codes and safety standards.

Check for damage during shipping prior to install. If the product is damaged, don't use it.

Make sure the supply voltage is same as rated luminaire input voltage.

High Bay luminaire installation requires knowledge of luminaires electrical systems.

Installation should be performed by a professional, qualified electrician familiar with the construction and operation of this product and the hazards involved. If not qualified, do not attempt installation.

Use caution when handling this product.

During or after operation as it may become hot and cause burns.

Disconnect product from main supply and allow cooling prior to servicing.

Turn off the switch and circuit breaker before installing this LED light fixture.

To prevent product malfunction and/or electrical shock this product must be properly grounded.

Use approved connectors for all electrical connections.

No user serviceable parts inside of Hight Bay Luminaire.

Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.

Extremely bright: Do not look directly at the LED light when it's operating.

INSTALLATION:

Fixture mouting

Screw the Eye bolt into the UFO High bay light fixture, then tighten securely.

Hang the fixture onto your ceiling hook.

After completion, please wire in accordance with all local regulations.

You have successfully completed the installation.

Option: can be use U-Bracket with angle tuning.

Wiring

Connect the Brown fixture lead to the LINE supply lead.

Connect the Blue fixture lead to the NEUTRAL supply lead.

Connect the Green (GROUND) wire from fixture to supply ground PE wire (green/yellow).

CLEANING & MAINTENANCE

CAUTION: Turn power off and wait for fixture cooling to operate.

Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

Maintenance must be done by professionals.

To ensure efficient light, regularly clean the light panel. Do not clean with harsh solvents.

Clean glass lens & fixture with soft cloth and PH neutral detergent. The abrasives are not allowed.

Use safety precautions. Safety eyeglasses and gloves are recommended.

Do not open fixture to clean the LED. Do not touch the LED.

Troubleshooting

1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?

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tel: +359 2 400 70 11, fax: +359 2 400 70 12