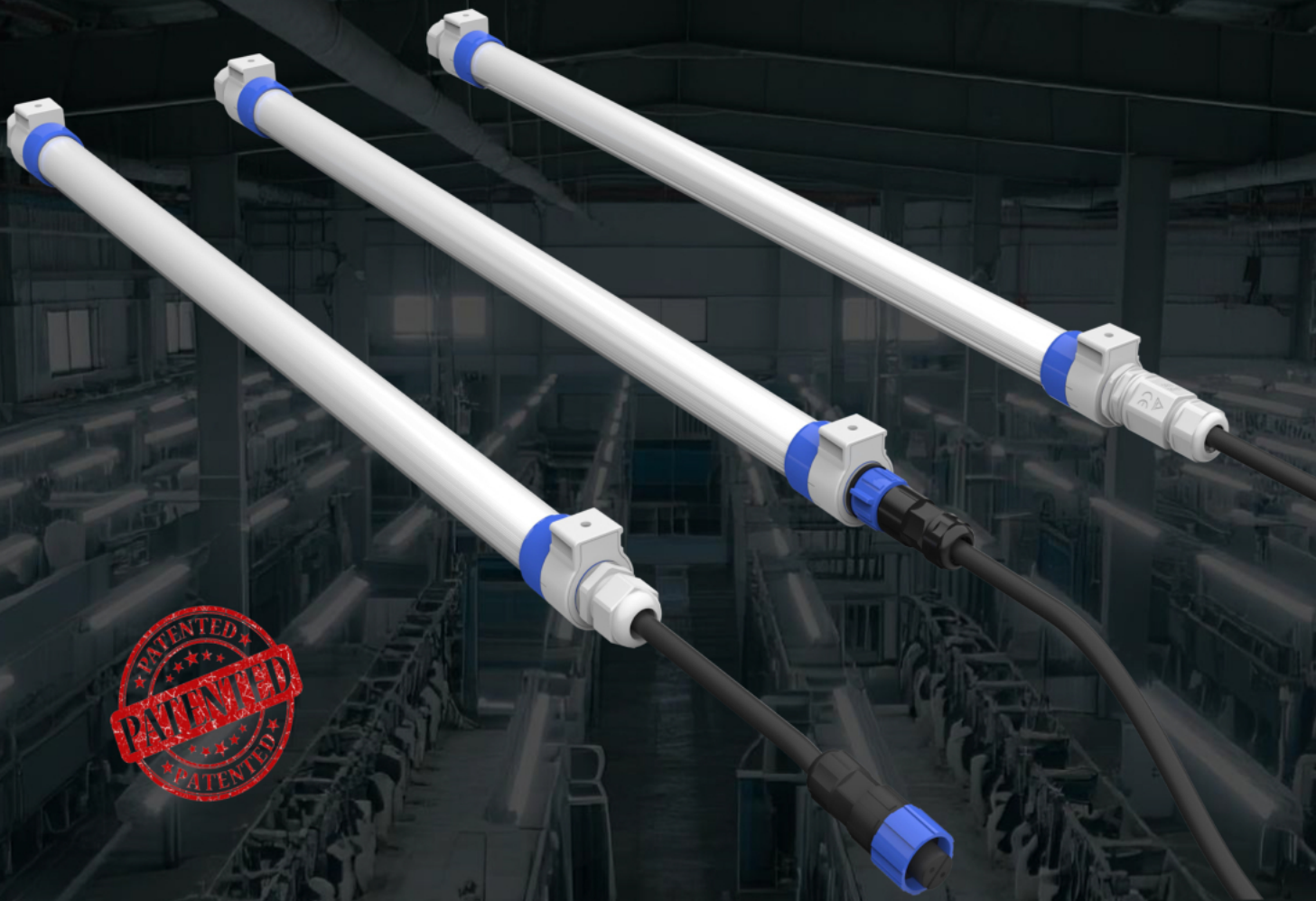
ACE
LED Light



PATENTED

IP68/IP69K/IK10

Harsh Environment Linear Light

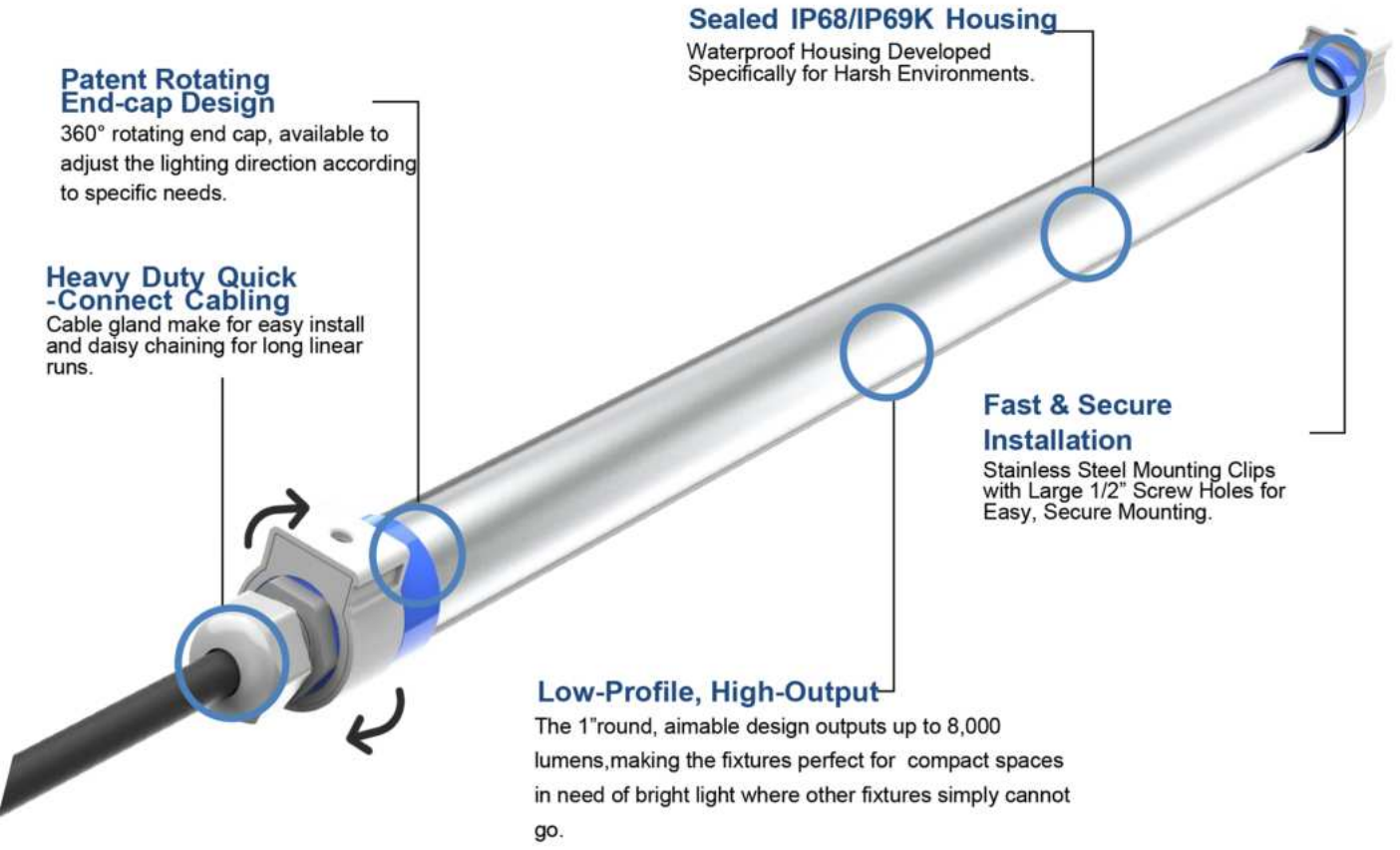
- IP68 and IP69K washdown and cleaning resistance, suitable for operation in humid environments
- Corrosion-resistant, suitable for operation in chemical and biological corrosive environments
- IK10, impact-resistant, flexible, suitable for operation in harsh environments

Intertek

IP68
IP69K
CERTIFIED

IK10

DALI



Product Description:

Designed for diverse demanding environments, our high-performance LED lighting ensures operational efficiency, durability, and safety. Suitable for applications including food processing, industrial, and agricultural settings, it withstands harsh conditions such as high-pressure washdowns, chemical exposure, and thermal shock — made possible by exceptional resilience, and ratings including IP69K, IK10, and NSF certification. The lightweight, low-profile linkable design, flexible mounting options and safe DC push-and-click cabling allow for easy installation even in confined spaces.

Features:

- Large power supply + linkable tubes for flexible 1-to-N layout, with safe DC voltage between lamps
- Flexible mounting options and multiple, efficient and convenient wiring methods
- Reinforced aluminum heat dissipation structure, high-quality power supply, and long life
- High luminous efficacy and wide viewing angle

Product Specifications：

LED & Optical Assembly

•CCT: 4000K, 5000K
•CRI: 70Ra (standard), 80Ra (optional)
•System Efficiency: Up to 160lm/W
•Fixture Rated Life: L70 @25℃ 100,000hrs
•Lens: Clear (standard); Diffused (optional)

Electrical

•Input Wattage:13W,25W,38W,50W
•Input Voltage: Luminaire: DC48V;
Driver: 100-277VAC (standard), 347-480V (optional)
•System Power Factor (PF): >0.9
•Total Harmonic Distortion (THD): <20%

Warranty

• 5-years

Ratings & Evaluations

•Operating Temperature: –40℃ to 60℃（-40℉ to 140℉）
•Surge Protection: 4/6kV driver surge protection
•Safety: ETL/cETL, CE, RoHS Listed
•Suitable For Wet Locations
•Rated for use in natatoriums
•IP68/IP69K Rated
•IK10 Impact Rated
•NEMA 4X, NEMA 6P Rated
•NSF Rated

Controls

•Dimming: Non-dimmable (standard), 0-10V, Dali (optional)

Energy and Performance Data：

Fixture Length	Typical Power	5000K		4000K	
		Efficacy (lm/W)	Typical Delivered Lumens	Efficacy (lm/W)	Typical Delivered Lumens
A-HE01-2-0.6M	13	160	2080lm	160	2080lm
A-HE01-4-1.2M	25	160	4000lm	160	4000lm
A-HE01-6-1.8M	38	160	6080lm	160	6080lm
A-HE01-8-2.4M	50	160	8000lm	160	8000lm

Fixture Model	Typical Power	Fixture Length			
		Single Diameter	Through Wiring	Width	Height
A-HE01	13	625MM	720MM	33MM	41MM
	25	1225MM	1320MM	33MM	41MM
	38	1825MM	1920MM	33MM	41MM
	50	2425MM	2520MM	33MM	41MM

Ordering Information：

Product	Length	Wattage	LPW	Color	CRI	Dimming	Lens Diffusion	Through Wired	Threading Method
A-HE01									
	2 2-Foot	**13** 13=13W	**120** 120lm/W	**50K** 5000 Kelvin	**70** 70Ra	**Blank** (standard) No Dimming	**Blank** (standard) Chemical Resistant Clear Lens	**Blank** (standard) Connectors on Input & Output for ability to Daisy Chain fixtures	**Cable** (standard) With cable for male and female docking
	4 4-Foot	**25** 25=25W	**140** 140lm/W	**40K** 4000 Kelvin	**80** 80Ra	**DIM** 0-10V Dimming	**Milky**	**SE** (Single-Ended) Connector on Input Only, for Standalone Install, No Daisy Chain	**Docking Base** (No Cable) With docking base, no cable
	6 6-Foot	**38** 38=38W	**160** 160lm/W		**90** 90Ra	**Dali**			**Quick-connect** With quick-connect waterproof connector
	8 8-Foot	**50** 50=50W	**180** 180lm/W						
			200 200lm/W						

Power Supply：

Driver Specifications:

•Input Voltage Range: 100-277VAC (standard), 347-480V (optional)
•Frequency Range: 47 ~ 63Hz
•Power Factor (at full load): ≧0.98/115VAC; ≧0.95/277VAC
•Total Harmonic Distortion: < 20%
•Output Voltage: Constant, 48 VDC
•Lifetime: 100,000 Hours at 25 ° C
•Warranty: 5 Years
•Protection Class: IP67
•Temperature Rating: Operable in temperatures -40 ° C to 60 ° C
•Maximum Case Temperature: +90 ° C
•Working Humidity: 20 to 95% RH Non-Condensing

Ordering Information：

Product		Rated Wattage							
A-HE01-DRI	–	**75** 75 Watt	**100** 100 Watt	**150** 150 Watt	**200** 200 Watt	**240** 240 Watt	**320** 320 Watt	**480** 480 Watt	**600** 600 Watt

*Input voltage: 277VAC

Fixtures Per Power Supply：

Fixture Length	Fixture Watts	Fixtures Supported per Power Supply							
		75W	100W	150W	200W	240W	320W	480W	600W
A-HE01-2	13W	6	7	8	10	14	20	22	22
A-HE01-4	25W	3	3	4	6	8	10	13	14
A-HE01-6	38W	2	2	3	4	5	7	9	10
A-HE01-8	50W	1	1	2	3	4	5	8	9

Cables：

Jumper Cable

Leader Cable

Ordering Information：

Leader Cable：

Product		Length		
A-HE01-LPW	–	**6** 6 FT	**8** 8 FT	**25** 25 FT

Jumper Cable：

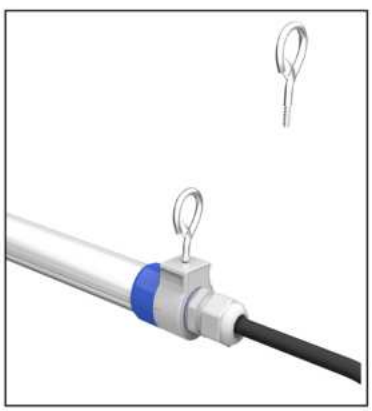
Product		Length							
A-HE01-JPW	–	**1** 1 FT	**2** 2 FT	**4** 4 FT	**6** 6 FT	**8** 8 FT	**12** 12 FT	**16** 16 FT	**20** 20 FT

Application：

- Dairy / Milking
- Pullet & Laying Barns
- Car Washes
- Food processing Facilities
- Architectural Application
- Rail Tunnel
- Industrial Environments
- Infrastructure Projects
- Auto Shop
- Docks,Piers, Boathouses

Various Mounting Option：

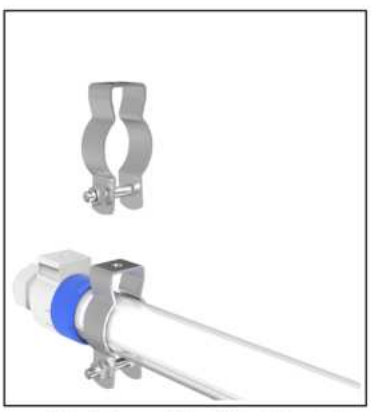
Covering all your mounting needs



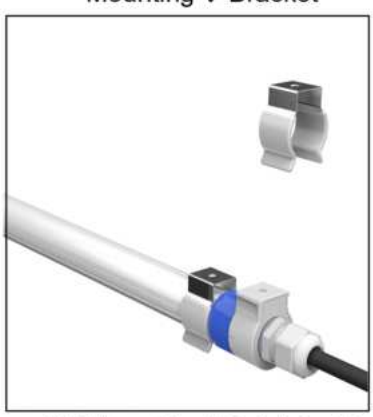
Stainless Steel Eye Bolt

Stainless Steel Ceiling Mounting V-Bracket

Stainless Steel Ceiling Mounting U-Bracket



Stainless Steel Bolt Latch Mounting Clip



Stainless Steel Quick Latch Mounting Clip

Stainless Steel Suspension Sling

Series Connection：

48V DC input

Configurable Connections:

Cable Gland

Cable Quick Connector

Twist Lock
Quick Connector

Pdimensional Drawings：

unit : mm

ACE LED Light Co., Ltd
Tel: +86 0591-88235156 Fax: +86 0591-88235156 Contact: Jason Mob:86-13665067366
Address(Factory):Building 10, Zhengzhong Industrial Factory, Baoan District, Shenzhen, China
Address(HQ):Building A-71, Pushang Industrial Park, 1 Hong Jiang Road, Cangshan, Fuzhou, China