

Linear LED Lighting for Hazardous Locations



CE RoHS



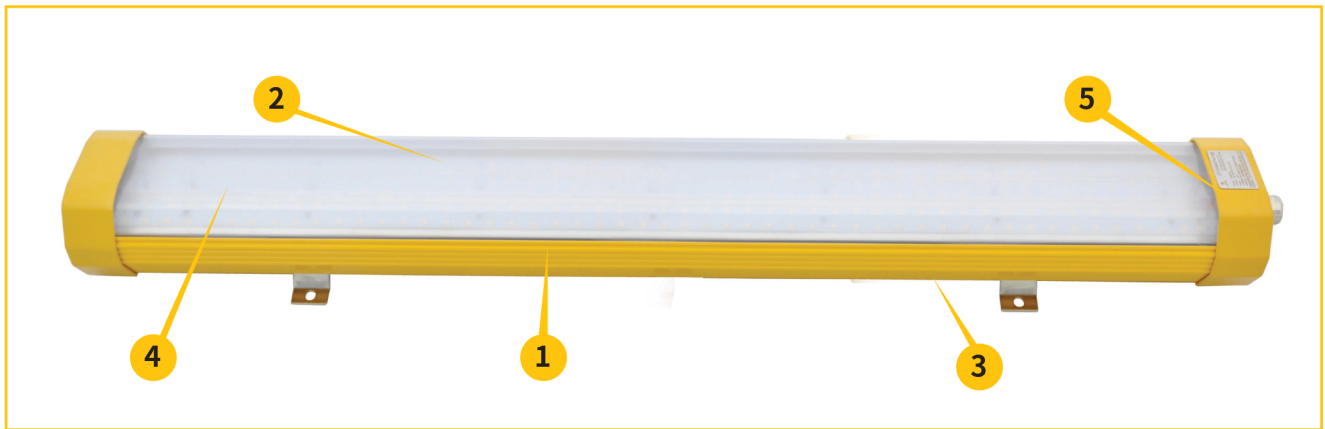
- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 8750 LED Safety
- CSA C22.2 No. 250.0-08
- -40°F(-40°C) to 131°F(55°C) Ambient Temperature
- IP66
- DLC Listed
- CNEX
- ATEX
- CE&RoHS
- IK10



Linear LED Lighting for Hazardous Locations

Key Features:

- 1 Low-profile, lightweight design, high quality aluminum housing
- 2 Impact resistant clear lens with Bayer original material
- 3 Stainless steel bracket for ceiling mount
- 4 Professional light distribution, uniform illumination through the entire space
- 5 With single-ended feedthrough or double-ended feedthrough optional



Additional Features:

- Standard 4KV surge protection
- Feed-through capable
- Enclosures attached to back brackets for pendant pole mount, pendant chain mount and 45 degree wall mount.
- Diffused lens optional
- 5-year warranty

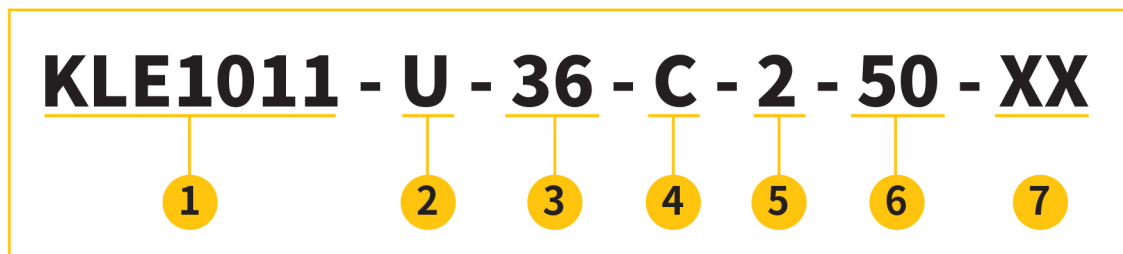
Standard Materials:

- Side cover:ADC12
- Gaskets: one-piece neoprene
- Body:6063 aluminum (less than 0.4% copper content) with yellow-painted.
- Brackets: stainless steel
- Lens: polycarbonate

Features & Benefits:

- 1 Environmentally Friendly 50,000 hrs lifetime
- 2 Superior color rendering index compared to HPS, LPS or MV
- 3 Low temperature applications to -40°F(-40°C) and high temperature up to 131°F(55°C)
- 4 Best-in-class efficacy-Up to 130 lumens per watt
- 5 Professional light distribution design, uniform and comfortable lighting
- 6 Temperature compensation technology for longer life
- 7 Low maintenance costs and power consumption reduced by over 50%

Catalog Number Logic



- | | |
|--|--|
| <p>1 BASIC SERIES</p> <ul style="list-style-type: none"> • KLE1011 | <p>2 VOLTAGE/FREQUENCY</p> <ul style="list-style-type: none"> • U=100-277V 50/60Hz |
| <p>3 LAMP WATTAGE</p> <ul style="list-style-type: none"> • 36=36 Watt • 56=56 Watt | <p>4 LENS</p> <ul style="list-style-type: none"> • C=Clear • D=Diffused |
| <p>5 NOMINAL FIXTURE LENGTH</p> <ul style="list-style-type: none"> • 2=2 Feet • 4=4 Feet | <p>6 CCT</p> <ul style="list-style-type: none"> • 60=6000K CCT • 50=5000K CCT • 40=4000K CCT • 30=3000K CCT |
| <p>7 OPTIONS</p> <ul style="list-style-type: none"> • PP= Pendant Pole Mount • PC=Pendant Chain Mount • CA=Ceiling Mount A • CB=Ceiling Mount B | <ul style="list-style-type: none"> • WA=Wall Mount A • WB=Wall Mount B • BC=Beam Clamp Mount • PM=Pole Mount |

Class I, Division 2, Groups A, B, C & D
Class II, Division 2, Groups F & G
Class III

-40°C<Ta<55°C ,IP66

Mounting Hardware not included.

Please see options for mounting selections.

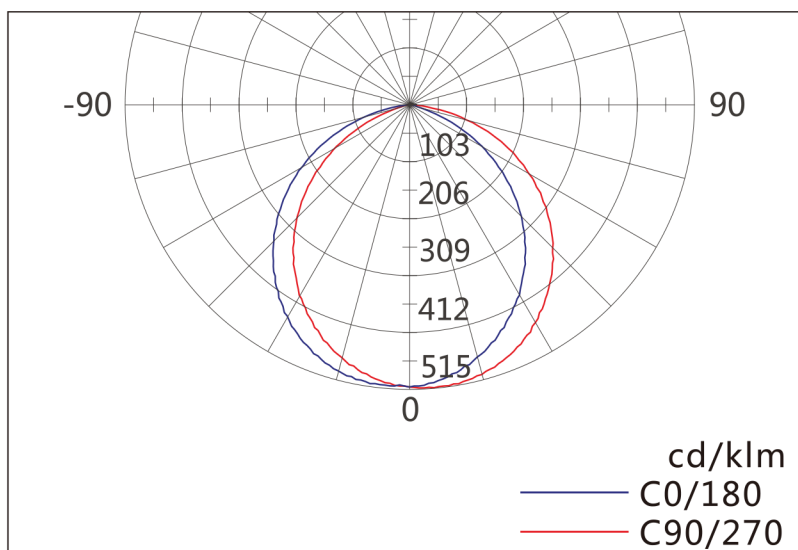
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Certification Guide:

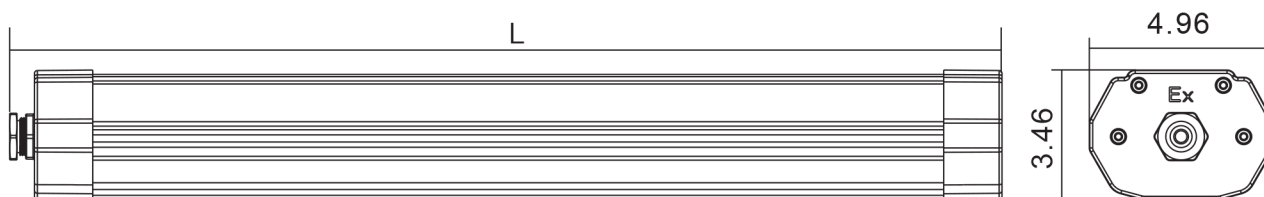
Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT *	Comparable Fluorescent Luminaire	Ambient Temperature	Class I, Div. 2, Group A, B, C&D	Class II, Div. 2, Group F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature
KLE1011U36C2	2 ft	36W	100-277V 50/60Hz	4212	117	75	5021	2X24W T5H0/2X35W T12H0	-40°F<Tamb<131°F/ -40°C<Tamb<55°C	T6	T6	T6	80°C
KLE1011U36C4	4 ft	36W	100-277V 50/60Hz	4680	130	75	5060	2X24W T5H0/2X35W T12H0	-40°F<Tamb<131°F/ -40°C<Tamb<55°C	T6	T6	T6	80°C
KLE1011U56C4	4 ft	56W	100-277V 50/60Hz	6944	124	74	5023	2X54W T5H0/2X60W T12H0	-40°F<Tamb<131°F/ -40°C<Tamb<55°C	T6	T6	T6	80°C
KLE1011U36D2	2 ft	36W	100-277V 50/60Hz	3456	96	75	5026	2X24W T5H0/2X35W T12H0	-40°F<Tamb<131°F/ -40°C<Tamb<55°C	T6	T6	T6	80°C
KLE1011U36D4	4 ft	36W	100-277V 50/60Hz	3888	108	74	5005	2X24W T5H0/2X35W T12H0	-40°F<Tamb<131°F/ -40°C<Tamb<55°C	T6	T6	T6	80°C
KLE1011U56D4	4 ft	56W	100-277V 50/60Hz	5824	104	75	5028	2X54W T5H0/2X60W T12H0	-40°F<Tamb<131°F/ -40°C<Tamb<55°C	T6	T6	T6	80°C

* All values typical unless otherwise stated (tolerance +/- 10%)

Photometric Data:



Fixture Dimensions(inches):

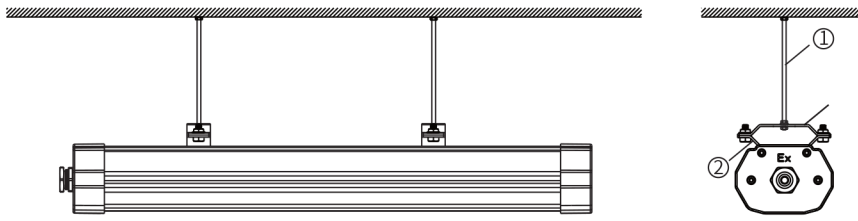


KLE1011 Series	Dimensions(inches)	Net Weight(Kg/lbs.)	Boxed Weight(Kg/lbs.)	Shipping Volume(m ³)
2 ft. models	L=26.8	4.5/9.92	6/13.2	0.035
4 ft. models	L=50.4	7.2/15.9	9.7/21.38	0.063

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Accessories:

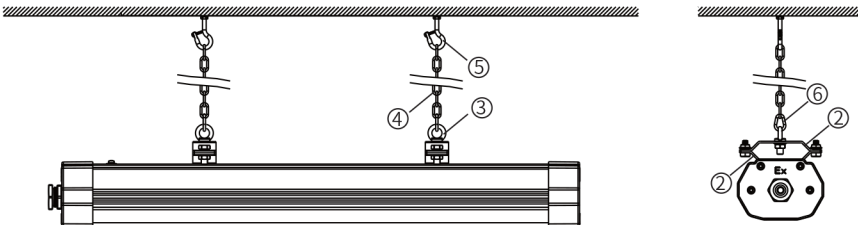
Pendant Pole Mount



Pendant Pole Mount
 Catalog Number:1011001
 Qty: 1 kit
 Shipping Weight: 1.4 lbs/kit

Mounting Type	Ordering	Part SN	Part Name	Ordering	Part Qty.	Materies	Weight(lbs/pcs)
Pendant Pole Mount	1011001	①	M8 Screw Pole(L=500MM)	1011009	2	SUS304	0.44
		②	Bracket	1011008	4	SUS304	0.13

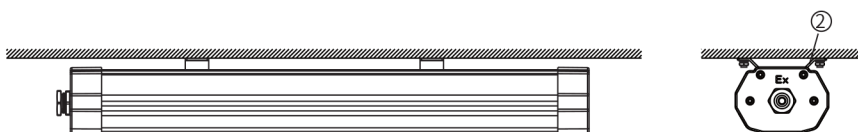
Pendant Chain Mount



Pendant Chain Mount
 Catalog Number:1011002
 Qty: 1 kit
 Shipping Weight: 1.44 lbs/kit

Mounting Type	Ordering	Part SN	Part Name	Ordering	Part Qty.	Materies	Weight(lbs/pcs)
Pendant Pole Mount	1011002	②	Bracket	1011008	4	SUS304	0.13
		③	Lifting Bolt	1011010	2	SUS304	0.07
		④	Pendant Chain	1011011	2	SUS304	0.22
		⑤	Expansion Hook	1011012	2	SUS304	0.13
		⑥	Hanging buckle	1011013	2	SUS304	0.04

Ceiling Mount A



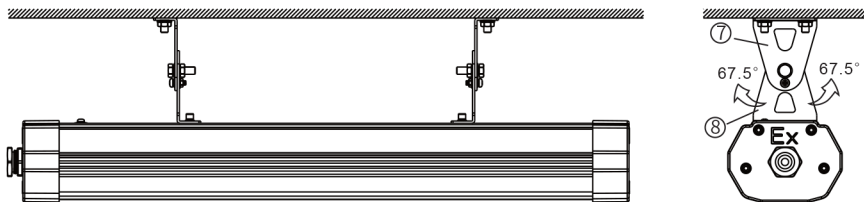
Ceiling Mount A
 Catalog Number:1011003
 Qty: 1 kit
 Shipping Weight: 0.26 lbs/kit

Mounting Type	Ordering Code	Part SN	Part Name	Ordering Code	Part Qty.	Materies	Weight(lbs)
Ceiling Mount A	1011003	②	Bracket	1011008	2	SUS304	0.13

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Accessories:

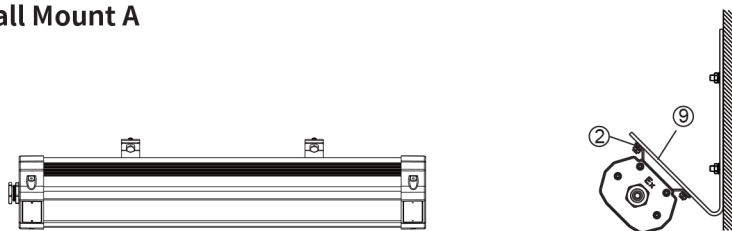
Ceiling Mount B (adjustable angles)



Ceiling Mount B
 Catalog Number: 1011004
 Qty: 1 kit
 Shipping Weight: 1.04 lbs/kit

Mounting Type	Ordering	Part SN	Part Name	Ordering	Part Qty.	Materies	Weight(lbs/pcs)
Ceiling Mount B (adjustable angles)	1011004	⑦	Bracket	1011014	2	SUS304	0.26
		⑧	Bracket	1011015	2	SUS304	0.26

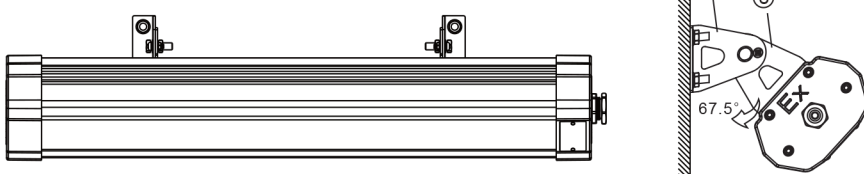
Wall Mount A



Wall Mount A
 Catalog Number: 1011005
 Qty: 1 kit
 Shipping Weight: 0.62 lbs/kit

Mounting Type	Ordering	Part SN	Part Name	Ordering	Part Qty.	Materies	Weight(lbs/pcs)
Wall Mount A	1011005	⑨	V-Shape Bracket	1011016	2	Q235	0.18
		②	Bracket	1011008	2	SUS304	0.13

Wall Mount B (adjustable angles)



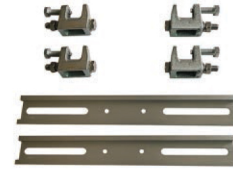
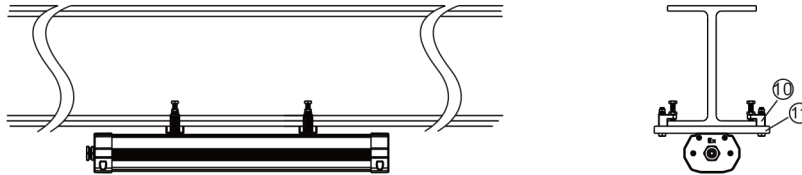
Wall Mount B
 Catalog Number: 1011004
 Qty: 1 kit
 Shipping Weight: 1.04 lbs/kit

Mounting Type	Ordering	Part SN	Part Name	Ordering	Part Qty.	Materies	Weight(lbs/pcs)
Ceiling Mount B (adjustable angles)	1011004	⑦	Bracket	1011014	2	SUS304	0.26
		⑧	Bracket	1011015	2	SUS304	0.26

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Accessories:

Beam Clamp Mount



Beam Clamp Mount

Catalog Number: 1011006

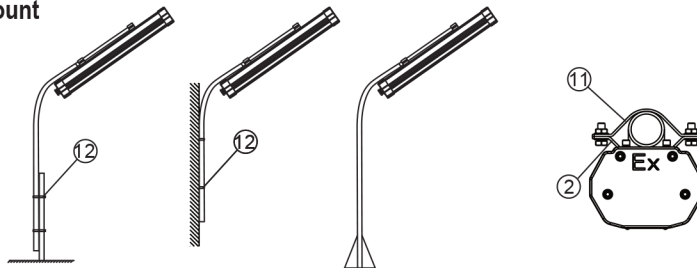
Qty: 1 kit

Shipping Weight: 1.4 lbs/kit

Mounting Type	Ordering	Part SN	Part Name	Ordering	Part Qty.	Materies	Weight(lbs/pcs)
Beam Clamp Mount	1011006	⑩	Beam Clamp	1011017	4	SUS304	0.26
		⑪	Aluminum Groove *	1011018	2	6063	0.18

* Suitable for steel I-beam with 4.33-8.26 inches width.

Pole Mount



Pole Mount

Catalog Number: 1011007

Qty: 1 kit

Shipping Weight: 0.74 lbs/kit

Mounting Type	Ordering	Part SN	Part Name	Ordering	Part Qty.	Materies	Weight(lbs/pcs)
Pole Mount	1011007	⑫	Bracket	1011008	2	SUS304	0.13
		⑪	Hoop	1011019	2	SUS304	0.11
		⑫	U-Shape Pipe Clamp	1011020	2	SUS304	0.13