

KLE1011-UL

Linear LED Lighting for Hazardous Locations



CE RoHS



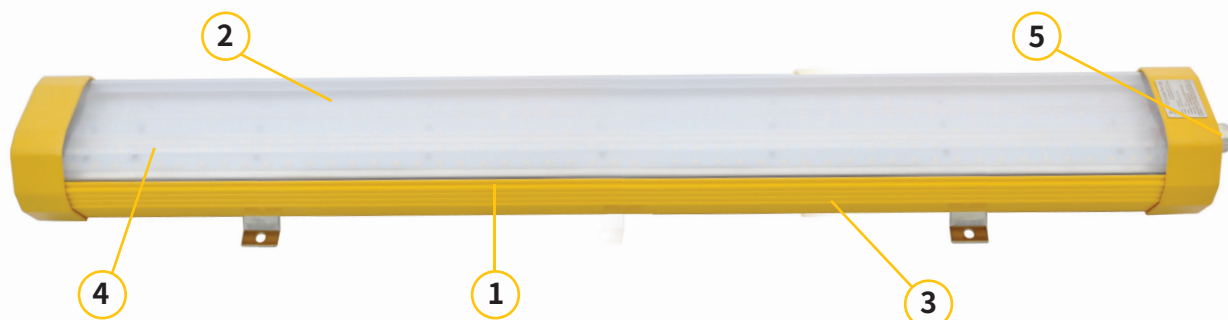
Classifications:

- ◆ 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 122°F(50°C) Ambient Temperature
- ◆ DLC Listed
- ◆ ATEX
- ◆ CE&RoHS
- ◆ CNEX
- ◆ IK10
- ◆ IP66



Linear LED Lighting for Hazardous Locations-KLE1011

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
- ◆ Diffused lens optional
- ◆ Enclosures attached to back brackets for pendant pole mount, pendant chain mount and 45 degree wall mount
- ◆ 5-year warranty

Standard Materials:

- ◆ Side cover: ADC12
- ◆ Gaskets: one-piece neoprene
- ◆ Brackets: stainless steel
- ◆ Body: 6063 aluminum (less than 0.4% copper content) with yellow-painted
- ◆ 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 122°F(50°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%

Linear LED Lighting for Hazardous Locations-KLE1011

Catalog Number Logic

KLE1011 - U - 36 - C - 2 - 50 - XX

1

2

3

4

5

6

7

1 BASIC SERIES

◆ KLE1011

2 VOLTAGE/FREQUENCY

◆ U=100-277V 50/60Hz

3 LAMP WATTAGE

◆ 36=36 Watt
◆ 56=56 Watt

4 LENS

◆ C=Clear
◆ D=Diffused

5 NOMINAL FIXTURE LENGTH

◆ 2=2 Feet
◆ 4=4 Feet

6 CCT

◆ 60=6000K CCT ◆ 50=5000K CCT
◆ 40=4000K CCT ◆ 30=3000K CCT

7 OPTIONS

◆ PP= Pendant Pole Mount ◆ WA=Wall Mount A
◆ PC=Pendant Chain Mount ◆ WB=Wall Mount B
◆ CA=Ceiling Mount A ◆ BC=Beam Clamp Mount
◆ CB=Ceiling Mount B ◆ PM=Pole Mount

Catalog logic is for explaining catalog number structure only.
Not all combinations are possible; consult factory for catalog numbers not listed in charts.

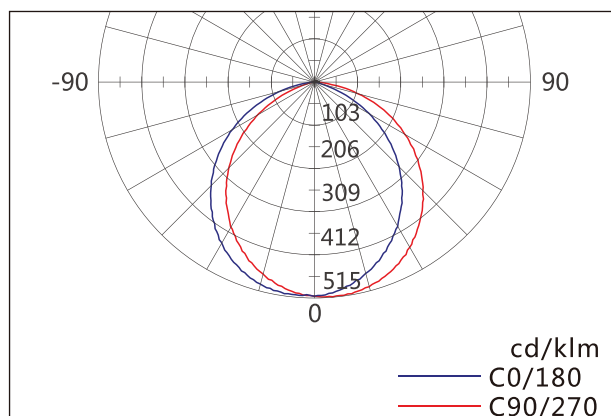
Certification Guide:

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 TI2H0	-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 TI2H0	-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 TI2H0	-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 TI2H0	-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 TI2H0	-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 TI2H0	-40°F<Tamb<131°F/ -40°C<Tamb<55°C	T6	T6	T6	80°C

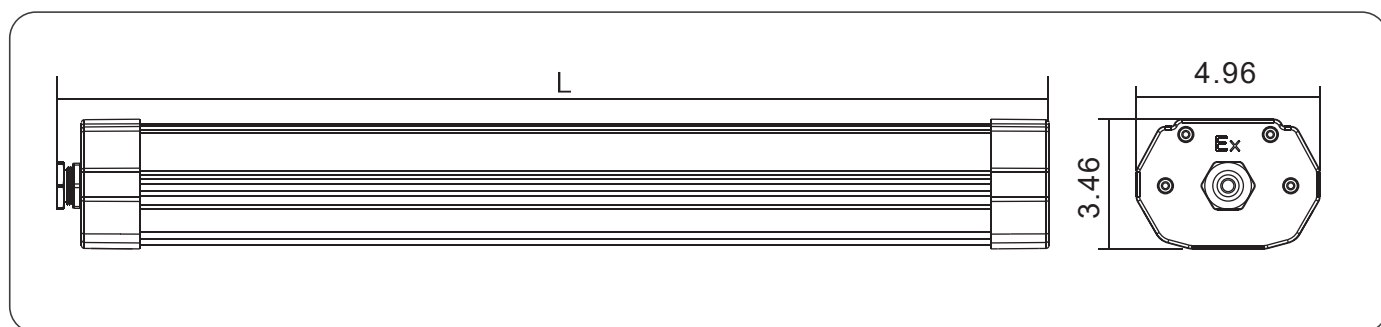
* All values typical unless otherwise stated (tolerance +/- 10%)

Linear LED Lighting for Hazardous Locations-KLE1011

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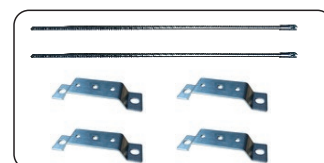
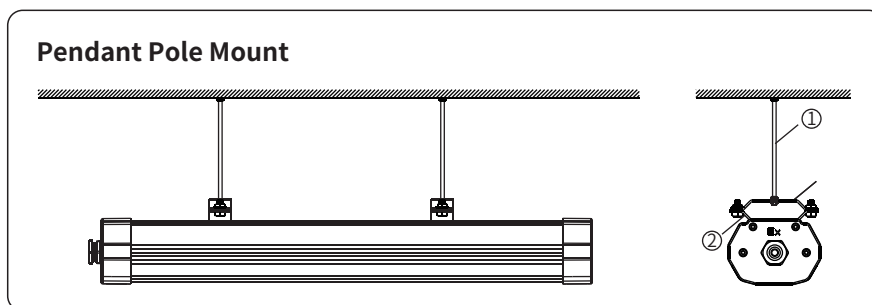


Fixture Dimensions(inches):



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

Accessories:

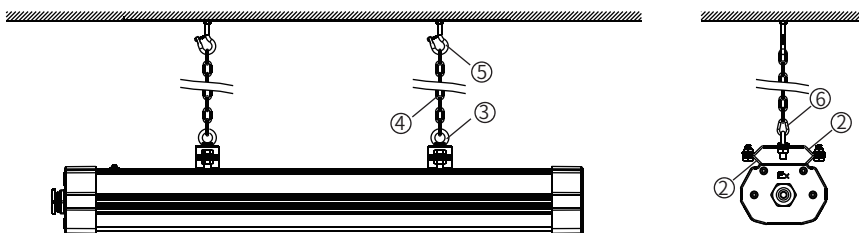


Pendant Pole Mount
Catalog Number:1011001
Qty: 1 kit
Shipping Weight: 1.4 lbs/kit

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

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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

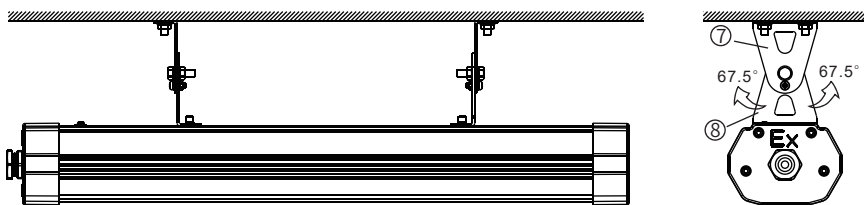
Catalog Number:1011003

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

Ceiling Mount B (adjustable angles)



Ceiling Mount B

Catalog Number:1011004

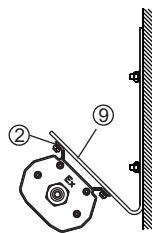
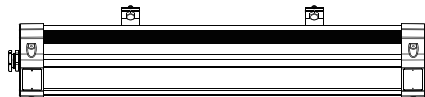
Qty: 1 kit

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

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Wall Mount A



Wall Mount A

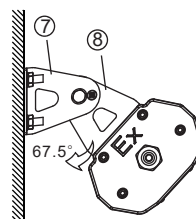
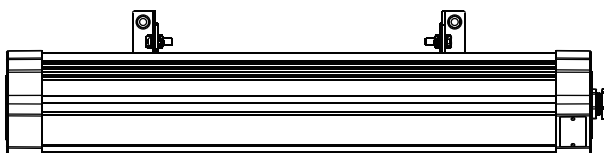
Catalog Number:1011005

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

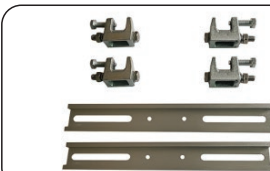
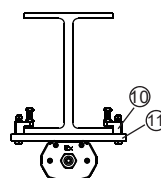
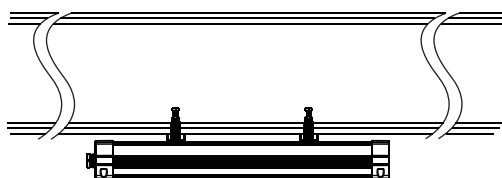
Catalog Number:1011004

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

Beam Clamp Mount



Beam Clamp Mount

Catalog Number:1011006

Qty: 1 kit

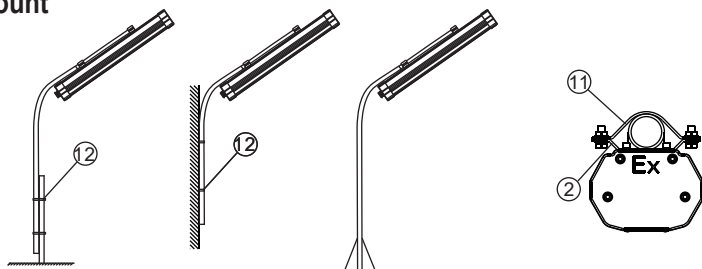
Shipping Weight: 1.4 lbs/kit

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.

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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	②	Bracket	1011008	2	SUS304	0.13
		⑪	Hoop	1011019	2	SUS304	0.11
		⑫	U-Shape Pipe Clamp	1011020	2	SUS304	0.13

Wiring Diagram:

