



HLLX SERIES

KILLARK

LED FIXTURES



LINEAR^{lite}® *

* marca registrada MEXICO

FEATURES-SPECIFICATIONS

Applications

HLLX Series LED fixtures are designed for installations where moisture, dirt, dust, corrosion and vibration may be present, or Type 3 and 4X areas where wind, water and snow can be expected. They can also be used in locations made hazardous due to the presence of flammable or explosive gases, vapors and combustible ducts as defined by the NEC.

Typical applications include classified areas such as inside paint spray booths, paint manufacturing plants, ammunition facilities, oil and gas producing and refining plants, off-shore and dockside installations, tank farms, pipeline pumping stations and marine loading and fuel transfer terminals.

LED Features and Standards

- UL Listed and labeled for use inside paint spray booths and rooms
- Construction is strong lightweight corrosion resistant copper-free aluminum alloy, less than 4/10 of 1%
- Energy Savings – High efficiency LED chips
- All external hardware is corrosion resistant 316 stainless steel to provide maintenance free long life

Supplemental **20KA/10KV Surge Protection** is **standard** (for 120-277 VAC models)
10KA/10KV Surge Protection (for 347-480 VAC)

- UL factory sealed construction (no external seals required). Saves installation time and cost
- Extruded aluminum reflectors are easily removable for cleaning. White baked enamel finish
- Optional 316 stainless steel wire guard for added protection
- Threaded O-Ring gasketed covers provide easy access to driver and wiring compartment
- Suitable for use in both indoor and outdoor wet locations
- Many Midpower LEDs blend light to simulate fluorescent tubes
- Crisp White Light for Excellent Color Rendering – Chromaticity 5000K (CCT); approx. 70 CRI

- Class I, Div. 1 & 2, Groups C,D
- Class I, Zones 1 & 2, Groups IIB, IIA
- Class II, Div. 1 & 2, Groups E,F,G
- Class III, Div. 1 & 2
- Type 3, 4X, 7(C,D) 9(E,F,G)
- Suitable for wet locations
- Suitable for paint spray booths

UL LISTED - File E12976 and E89665 (Marine)

SP Certified - File LR11713

- Energy Savings – High lumens per watt
- LED Array Life – 100,000+ hours with 70% initial lumens
- Long Fixture Life – 50,000 - 55,000 maintenance free hours
- Instant On – Including after power interruption
- World Voltage 120-277VAC 50/60Hz

Compliances

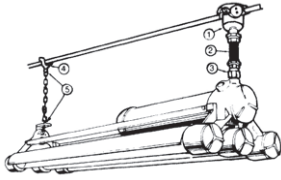
- UL-8750 for LED lighting
- UL-844, Electric Lighting Fixtures for use in Hazardous Locations
- UL Marine Type Electric Lighting Fixtures
- CSA C22.2 no. 137-M1981 Electric Luminaires for use in Hazardous Locations
- Type 3, 4X, 7(C,D), 9 (E,F,G)

| Catalog Number Logic | HLLX | 22 | 304 | 00 | Options |
|--------------------------|--------------------------|----|-----|----|--|
| Constant for HLLX Series | _____ | | | | Options |
| Lumen Outputs | _____ | | | | F – Single Fuse (1 pole) (Not to be used in Canada) |
| 4 – 4000 lumens | 11 – 11,000 lumens | | | | FF – Two Fuses (2 pole) (Not to be used in Canada) |
| 6 – 6000 lumens | 15 – 15,000 lumens | | | | LSP – Less Surge Protector |
| 7 – 7000 lumens | 22 – 22,000 lumens | | | | Length |
| Voltage | _____ | | | | 2 – 2 foot (Lumen outputs 4-11) |
| 27 – 12-24VDC | 33 – 347-480VAC 50/60 Hz | | | | 4 – 4 foot (Lumen outputs 15-22) |
| 30 – 120-277V 50/60 Hz | 34 – 120-250VDC | | | | |

| ORDERING INFORMATION AND AMBIENT SUITABILITY | | | | | | C1D1 | | C2D1 | | L70 | |
|--|----------------|-------|-------------|-------------|------------------|------|------|------|------|-------|-------------|
| CATALOG NO. | WEIGHT LBS./KG | WATTS | VOLTAGE | AMPS | DELIVERED LUMENS | 40°C | 55°C | 40°C | 55°C | TM-21 | CALCULATED |
| HLLX4272 | 32.00 / 14.52 | 24 | 12-24VDC | 2.0 - 4.0 | 3829 | T6 | T6 | T4A | T4A | 60300 | 199000 |
| HLLX4302 | | | 120-277VAC | 0.2 - 0.09 | | | | | | | |
| HLLX4342 | | | 108-250VDC | 0.2 - 0.1 | | | | | | | |
| HLLX6272 | | 35 | 12-24VDC | 2.91 - 5.83 | 5756 | T6 | T6 | T4A | T4A | 60300 | 19900 |
| HLLX6302 | | | 120-277VAC | 0.29 - 0.67 | | | | | | | |
| HLLX6342 | | | 108-250VDC | 0.29 - 0.14 | | | | | | | |
| HLLX7302 | | 55 | 120-277VAC | 0.44 - 1.02 | 7644 | T6 | T6 | T4A | T4A | 60300 | 199000 |
| HLLX7342 | | | 108-250VDC | 0.44 - 0.21 | | | | | | | |
| HLLX11302 | | | 120-277VAC | 0.71 - 1.64 | | | | | | | |
| HLLX11342 | | 85 | 108-250VDC | 0.71 - 1.48 | 10830 | T6 | T6 | T4A | T4A | 60300 | 199000 |
| HLLX15304 | 120-277VAC | | 0.92 - 0.40 | | | | | | | | |
| HLLX15344 | 108-250VDC | | 1.02 - 0.44 | | | | | | | | |
| HLLX22304 | 50.00 / 22.6 | 170 | 120-277VAC | 1.38 - 3.18 | 22540 | T6 | T6 | T4A | T4A | 60300 | 128000 @40C |
| HLLX22344 | | | 108-250VDC | 1.57 - 0.68 | | | | | | | |

LIGHTING

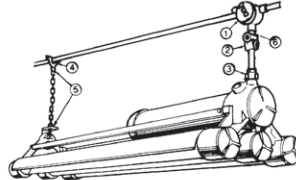
HLLX SERIES



Flexible mounting provides free swing and impact protection.

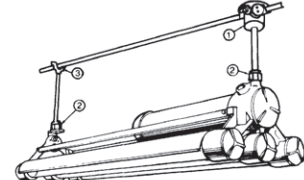
1. Splice Box/Fixture Hanger (HXB)
2. Flexible Pendant Hanger (EKJ)
3. Union (GUM)
4. Rigid Support Saddle Bracket (KFHS)
5. Support Hook (KEFHM)

Note: Chain furnished by others.



1. Splice Box/Fixture Hanger (XFH)
2. Swivel Hanger (KESD)
3. Union (GUM)
4. Rigid Support Saddle Bracket (KFHS)
5. Support Hook (KEFHM)
6. 3/4" Rigid Threaded Nipple

Note: Chain furnished by others.



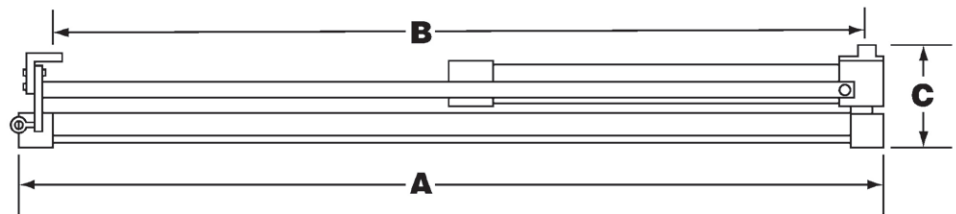
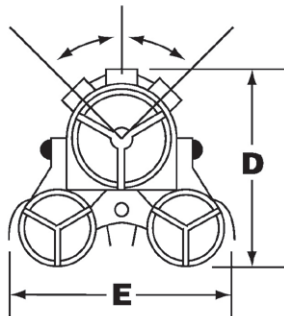
Rigid mounted

1. Splice Box/Fixture Hanger (HXB)
2. Union (GUM)
3. Rigid Support Saddle Bracket (KFHS)

For wall mounting, use securely fastened 3/4" pipe 6" or less in length. Floor flange (furnished by others) recommended for dummy end as well as chain or cable providing vertical strain relief from above fixture. Chain furnished by others.

| MOUNTING HARDWARE | | | |
|-------------------|--------------|--------|---|
| CATALOG NUMBER | HUB SIZE | LENGTH | DESCRIPTION |
| HXB-12 HXB-22 | 1/2" 3/4" | — — | HXB SERIES Splice Box/ 3/4" Fixture Hanger |
| EKJ-24 | 3/4" | 4 | EKJ SERIES Flexible Pendant Hanger |
| EKJ-26 | 3/4" | 6 | |
| EKJ-28 | 3/4" | 8 | |
| EKJ-210 | 3/4" | 10 | |
| EKJ-212 | 3/4" | 12 | |
| EKJ-215 | 3/4" | 15 | |
| EKJ-218 | 3/4" | 18 | |
| GUM-2 | 3/4" | | GU SERIES Male Union |

| MOUNTING HARDWARE | | |
|-------------------|----------|--|
| CATALOG NUMBER | HUB SIZE | DESCRIPTION |
| XFH-22 | 3/4" | XFH SERIES Splice box/fixture hanger |
| KESD-75 | 3/4" | KESD SERIES Swivel Hanger 15° swivel drop from center and full 360° free swing |
| KFHS-5075 | 3/4" | KFHS SERIES Rigid support saddle bracket for fluorescent fixtures (dummy end) Will support 350 lbs. and straddle Max. 1-1/4" conduit |
| KEFHM-75 | 3/4" | KEFHM SERIES Safety support hook with 3/4" male end For dummy end of fixture Will support 200 lbs. screw closed 3/8" jaw opening |
| HFX-SC | — | HFX SERIES Safety chain (36" length plated steel), standard on 4-tube fixture |



| HLLX DIMENSIONS | | | | | | | | |
|-----------------|--------------|------------|------------------|----------------|---------------|---------------|------------|-----------|
| HLLX MODEL | CONDUIT SIZE | DIMENSIONS | | | | | NET WEIGHT | |
| | | A | B | C | D | E | | |
| Nominal 2' | 2 Tubes | 3/4-14 NPT | 28-15/16" (735) | 24-3/8" (619) | 9-3/32" (231) | 9-3/32" (231) | 11" (279) | 36.0 Lbs. |
| Nominal 4' | 2 Tubes | 3/4-14 NPT | 52-13/16" (1367) | 48-3/8" (1229) | 9-3/32" (231) | 9-3/32" (231) | 11" (279) | 47.7 Lbs. |