

WALL CONTROLLED ADJUSTABLE LINEAR LIGHTING SYSTEM RECESSED ROUND: 150 WATT 120 VOLT TUNGSTEN HALOGEN

The Kirlin Company introduces a wall controlled adjustable recessed lighting system designed for:

ICU / NICU / CCU • ER • Patient Exam Rooms • Pathology Lab

The healthcare practitioner may adjust the direction of inconspicuous lighting for bedside procedures from the wall control panel.

Lighting system provides accuracy, convenience, and safety

The **two-part** system features:

- **One flush mounted wall control** for long distance, adjustable light and adjustment of position from a fixed wall location. May also be integrated into most headwalls.
- **One recessed luminaire** with:
 - Sleek, white, recessed, flange trim with 2" lip to top.
 - 150 watt, 120 volt tungsten halogen lamp.
 - 70° linear sweep from head to foot; 35° from either side of nadir.
 - Built-in Fluorescent.
 - Plug-in electric components for dimming, dimming.
 - Lightweight construction for easy installation.
 - Complete serviceability through the aperture.

**THIS PRODUCT
IS NO LONGER
AVAILABLE**

UL, C-UL (Canada) Listed • Exclusive Price See www.kirlin.com • Designed and produced in U.S.A.

Options: The following Options are available with Kirlin lighting system 71231. Add Option number as suffix to catalog number. Example: 71231-32-94.

INFRARED PRO
for the latest technology.

- 10 Tinted lens instead: raises color temperature; reduces CRI and lumen output.
- 32 Trim extension: Broadens trim flange to cover larger ceiling opening.

- 35 Cap color plate with flange wider than 35 feet. Consult factory.
- 94 Custom color self-flanged flare trim instead. Consult factory.
- 99 Special modification. Consult factory.
- LX Extra lamp for 71231.

Lighting Innovators Since 1895

Our Tradition is Quality

THE KIRLIN COMPANY

Medical Lighting Division

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • FAX: (313) 259-9409 OR (313) 259-3121 • www.light-link.com/kirlin

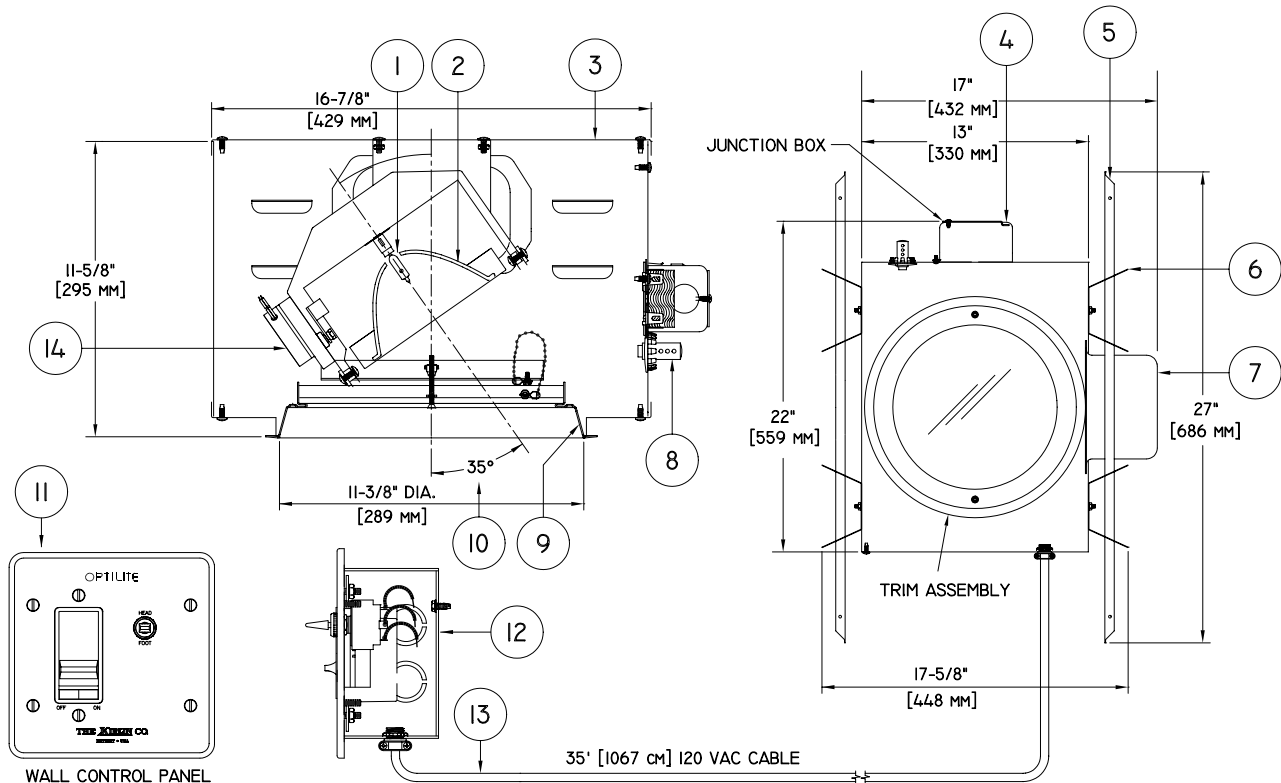
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NATIONAL and INTERNATIONAL DISTRIBUTION

EXPERTISE IN ENERGY EFFICIENT, ARCHITECTURAL, COMMERCIAL, INSTITUTIONAL and CUSTOM LIGHTING
COMPACT FLUORESCENT • METAL HALIDE • HPS • MERCURY • FLUORESCENT • TUNGSTEN HALOGEN • INCANDESCENT

DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE

WALL CONTROLLED ADJUSTABLE LINEAR LIGHTING SYSTEM

SECTION and PLAN VIEWS - RECESSED LUMINAIRE WITH WALL CONTROL CENTER



Lamp and Socket ①

- 150 watt 120 volt 100 CRI DCB base tungsten halogen lamp (included).
- Long lamp life.
- Double contact bayonet socket with silicone leads.

Reflector ②

- Cold mirrored glass reflector - removes heat from light beam.

Housing ③

- Black acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.
- Built-in plaster frame.

Junction Box (luminaire) ④

- Prewired 14 GA (NEC) galvanized steel, UL listed. Contains fuse and holder.
- Removable insulated cover.
- 1/2" and 3/4" knockouts.

Installation ⑤ ⑥

- Two 27" (69cm) galvanized channel bar hangers supplied. ⑤
- Four Kirlin fully adjustable universal mounting brackets supplied. ⑥
- Lightweight 35 pound fixture recesses in all ceilings including suspended ceilings. (See page 3)
- May be installed (per NEC, mandatory) by any qualified electrician. Factory representative need not be present.

Transformer ⑦

- WhisperPack™ fully encapsulated 120 volt Class H isolation transformer. Fused (in J-box).
- Cool, quiet, long life. Silicone leads.
- Visible and easily serviced in all ceilings, including dry wall.

Thermal Protection ⑧

- Per current NEC.

Trim Assembly (visible at ceiling) ⑨

- White regressed self-flanged flare.
- 12" diameter. Smooth surface.
- Regressed tempered clear glass lens.

Range of Motion ⑩

- 70° linear sweep from head to foot; 35° either side of nadir.
- Maximum 35° deflection is shown.

Wall Control Center ⑪ ⑫ ⑬

Note: One per lighting system selected

- One wall control panel provided. ⑪ Includes all function controls (power, direction, brightness). (Detail next page.)
- Less than 1 microamp current leakage from front of wall control plate.
- **UL listed back box ⑫ provided must be used for proper fit of electronics.** 1/2" and 3/4" trade size knockouts.
- **Cable. ⑬** Luminaire provided with 35' 120 volt cable for connection to color coded switches & dimming control (6 conductors) within wall control back box. Optional longer cable length - consult factory representative.

Motor and Power Supply ⑭

- 120 volt permanently lubricated motor controls motion. Powerful, yet quiet, operation.
- Plug-in modular electronics designed for easy maintenance.
- Visible and easily serviced through removable trim assembly.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through branch circuit conductors. (6#12)

Warranty

- Complete standard fixture and wall control, three years. (Lamp excluded)

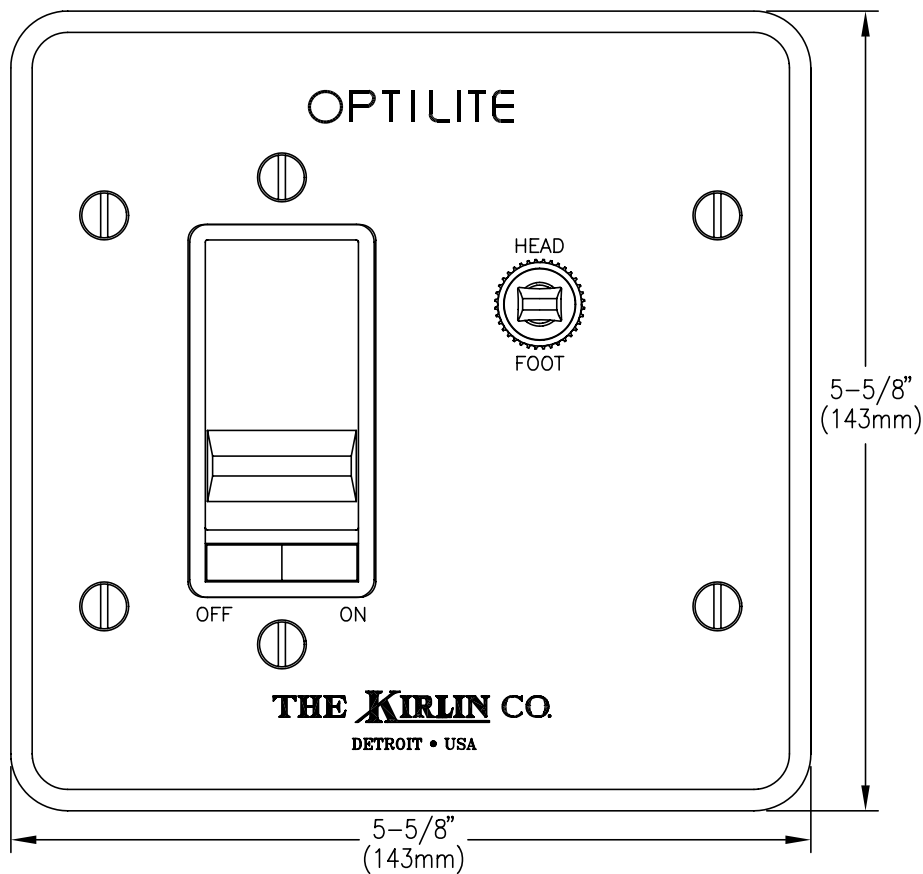
PER SINGLE LUMINAIRE:

OPERATING CURRENT 1.25A

MAXIMUM DRAW 1.30A

71231 LINEAR (ONE LUMINAIRE SYSTEM) WALL CONTROL PANEL

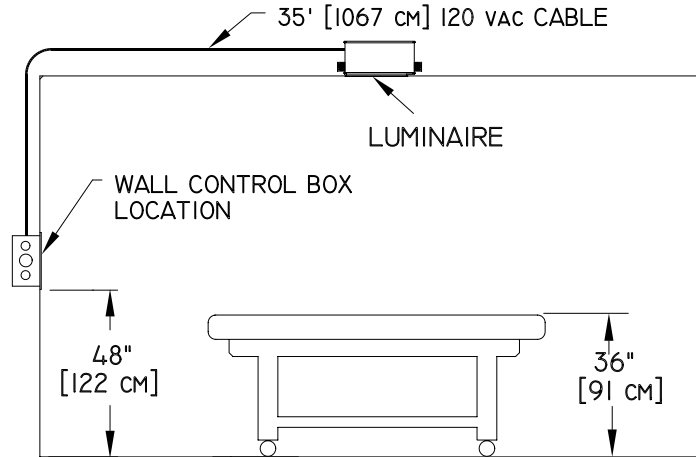
(INSTALLED IN ROOM WALL - NOT TO SCALE)



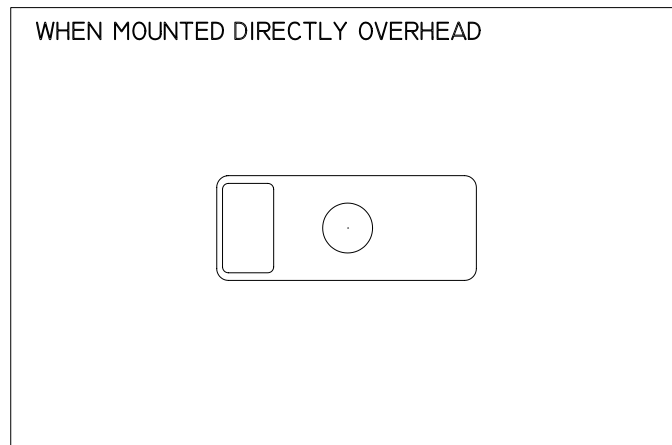
- Function switches for:
 - Power
 - Intensity (dimmer or brighter)
 - Adjust position
(70° linear sweep from head to foot,
35° either side of nadir).
- Convenient one hand operation.
- Smooth surfaces for easy cleaning.

APPLICATIONS

Typical Side View



Typical Top View



71231 Footcandle Performance

7.5' CEILING HEIGHT	8.0' CEILING HEIGHT	9.0' CEILING HEIGHT
3391 fc	2747 fc	1908 fc

Footcandle performance calculations are based on lamp manufacturers' published initial lumen ratings. Individual lamps may vary significantly, particularly with age.

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