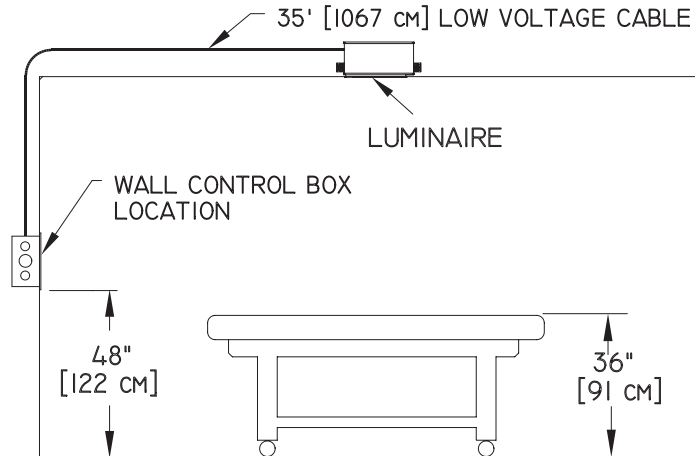


APPLICATIONS

Typical Side View



Typical Top View

WHEN MOUNTED DIRECTLY OVERHEAD

**THIS PRODUCT
IS NO LONGER
AVAILABLE**

Please see

71201 Footcandle Performance

7.5' CEILING HEIGHT	8.0' CEILING HEIGHT	8.5' CEILING HEIGHT
781 fc	630 fc	4416 fc

INFRARED PRO

for the latest technology.

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

THE KIRLIN Co.

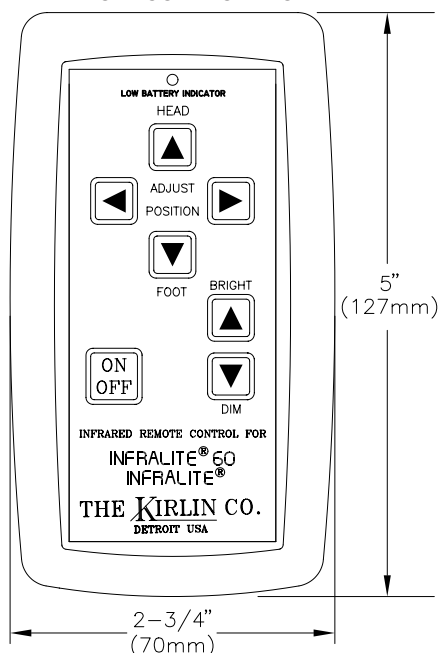
PATENT PROTECTED

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
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INFRARED REMOTE CONTROLLED ADJUSTABLE LIGHTING SYSTEM

The lighting system includes both a "TV style" remote control and a flush wall control panel. Either may be conveniently used to accurately adjust direction and light intensity of **the single luminaire (one light system)**. A designated magnetic strip on the wall control panel has been provided for storage of the remote control when not in use.

REMOTE CONTROL FRONT



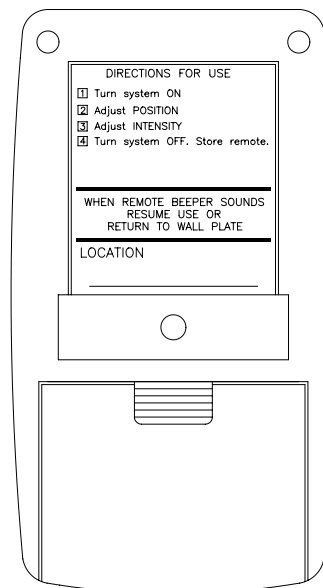
Both the remote and wall controls include:

- Tactile-membrane controls for:
 - Power
 - Intensity function (dimmer or brighter)
 - Adjust position function for full 360° sweep with 70° total vertical adjustment; 35° from either side of nadir.
- Simple instructions for use.
- Convenient one hand operation.
- Smooth surfaces for easy cleaning.

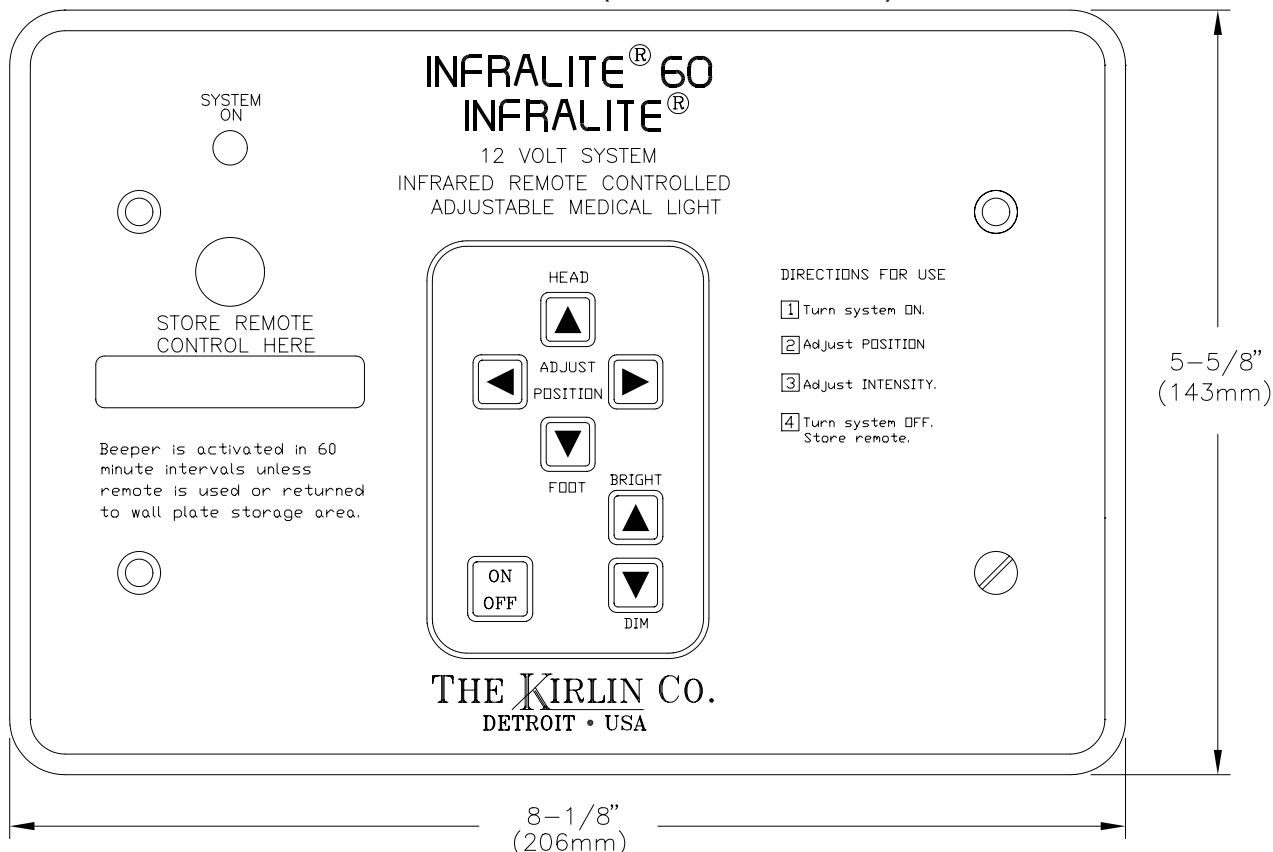
REMOTE CONTROL:

- Includes unique feature of loss-detering timed circuit beeper to remind user to return the remote to storage area on wall control panel. Beeper is activated in 1 hour intervals if the remote control is not in use or not returned to magnetic storage strip on wall control panel.
- Designed to avoid potential interference from other infrared emitting equipment.
- 9 volt standard battery provided.
- Back side has special "write-on" area for marking room location (by healthcare personnel).
- Low stand-by current assures long battery life.

REMOTE CONTROL BACK



71201 WALL CONTROL PANEL (INSTALLED IN ROOM WALL)

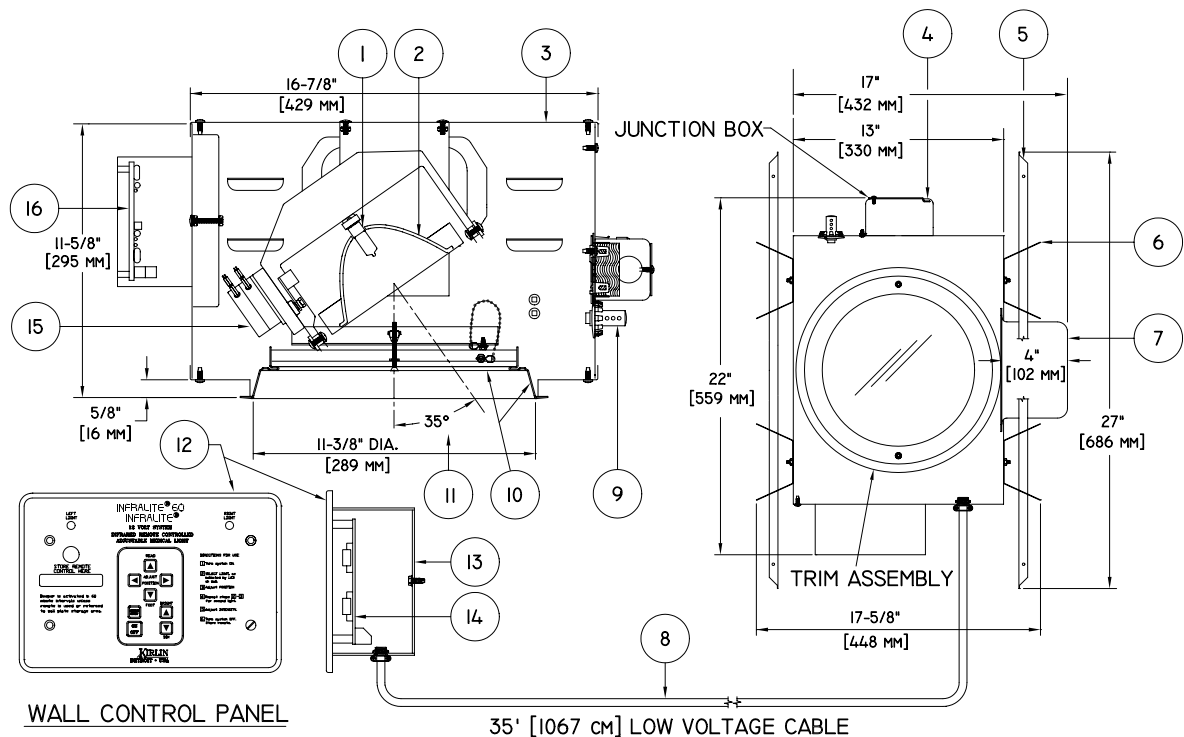


WALL CONTROL FEATURES:

- Includes infrared receiver.
- "System On" indicator light.
- Permanent rare earth magnet for remote control storage.
- Less than 1 microamp current leakage from front of wall control panel.
- Back box provided by Kirlin.

INFRARED REMOTE CONTROLLED ADJUSTABLE LIGHTING SYSTEM

SECTION and PLAN VIEWS - RECESSED LUMINAIRE WITH WALL CONTROL CENTER



Lamp and Socket ①

- 150 watt 24 volt 100 CRI bi-pin tungsten halogen lamp (included).
- Long lamp life.
- Porcelain 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.
- May be installed (per NEC, mandatory) by any qualified electrician. Factory representative need not be present.

Transformer ⑦

- WhisperPack™ fully encapsulated 120 to 24 volt step-down Class H isolation transformer. Fused (in J-box).
- Cool, quiet, long life. Silicone leads.
- Visible and easily serviced in all ceilings, including dry wall.

Low Voltage Cable ⑧

- Each luminaire provided with 35' low voltage (12 volt) cable ⑧ for connection to color coded terminal block(s) (9 conductors) ⑭ within wall control back box. Optional cable length available - consult factory representative.

Thermal Protection ⑨

- Per current NEC.

Trim Assembly (visible at ceiling) ⑩

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

Range of Motion ⑪

- Adjustment of 360° and 35° from either side of nadir.
- Maximum 35° deflection is shown.

Wall Control Center ⑫ ⑬ ⑭

Note: One per lighting system selected

- One wall control panel provided. ⑫ Includes all tactile-membrane function controls (power, direction, brightness) and electronics. Also contains infrared receiver and magnetic storage strip for the remote control. (Detail on following page.)

- Designed to avoid potential interference from other infrared emitting equipment.
- Less than 1 microamp current leakage from front of wall control panel.
- **UL listed back box provided ⑬ must be used for proper fit of electronics.** 1/2" and 3/4" trade size knockouts.

Motors ⑮

- Two 12 volt permanently lubricated motors control motion. Powerful, yet quiet, operation.
- Plug-in modular electronics designed for easy maintenance.
- Visible and easily serviced through removable trim assembly.

Electronics with Power Supply ⑯

- All electronics located in aluminum box (easily accessed and serviced).
- All control wiring supplied by Kirlin is 12 volt maximum.
- RFI filter built into printed circuit board. Prevents line feedback.
- Plug-in modular electronics designed for easy maintenance.

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)
- Remote control, one year.

PER SINGLE LUMINAIRE: OPERATING CURRENT 1.25A MAXIMUM DRAW 1.30A

INFRARED REMOTE CONTROLLED ADJUSTABLE LIGHTING SYSTEM RECESSED ROUND: 150 WATT 24 VOLT TUNGSTEN HALOGEN

The Kirlin Company introduces the first infrared remote controlled low voltage fully adjustable recessed lighting system designed for:

ICU / NICU / CCU • ER • Patient Exam Rooms

The healthcare practitioner may now adjust both the direction and intensity of inconspicuous lighting for bedside procedures from either a remote control or wall plate control.

Lighting system provides unprecedented accuracy, convenience, and safety

The **three-part** low voltage system features:

- **One "TV style" remote control** for single-handed activation of light and adjustment of position and brightness from anywhere in patient's room. Designed to avoid potential interference with other infrared emitting equipment. Loss-detering beeper reminds user to store remote control on wall plate.
- **One flush mounted wall control** for single-handed activation of light and adjustment of position and brightness from a fixed wall location. Includes storage area for remote control on face of plate. May also be integrated into most headwalls.
- **One recessed luminaire** with:
 - Sleek white regressed flare trim with inconspicuous 12" aperture.
 - 150 watt, 24 volt tungsten halogen lamp.
 - Full 360° movement with 70° adjustment; 35° either side of nadir.
 - Built-in RFI filter.
 - Plug-in electronic components for simplified servicing.
 - Lightweight construction for easy installation.
 - Complete serviceability through the aperture.

UL, C-UL (Canada) Listed • Exclusive three year warranty • Designed and produced in U.S.A.

Options: The following Options are available for the Kirlin lighting system 71201. Add Option number as suffix to catalog number. Example: 71201-32-94-BI.

- | | |
|--|--|
| -10 Tinted lens instead: raises color temperature; reduces CRI and lumen output. | -94 Custom color self-flanged flare trim instead. Consult factory. |
| -32 Trim extender. Broadens trim flange to cover larger ceiling opening. | -99 Special modification. Consult factory. |
| -87 Low voltage cable length greater than 35 feet. Consult factory. | -BI Beeper (remote control) inactivated by factory. |
| | -LX Extra lamp for 71201. |
| | -RC Extra remote control. |

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Our Tradition is Quality

THE KIRLIN COMPANY

Medical Lighting Division

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COMPACT FLUORESCENT • METAL HALIDE • HPS • MERCURY • FLUORESCENT • TUNGSTEN HALOGEN • INCANDESCENT

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