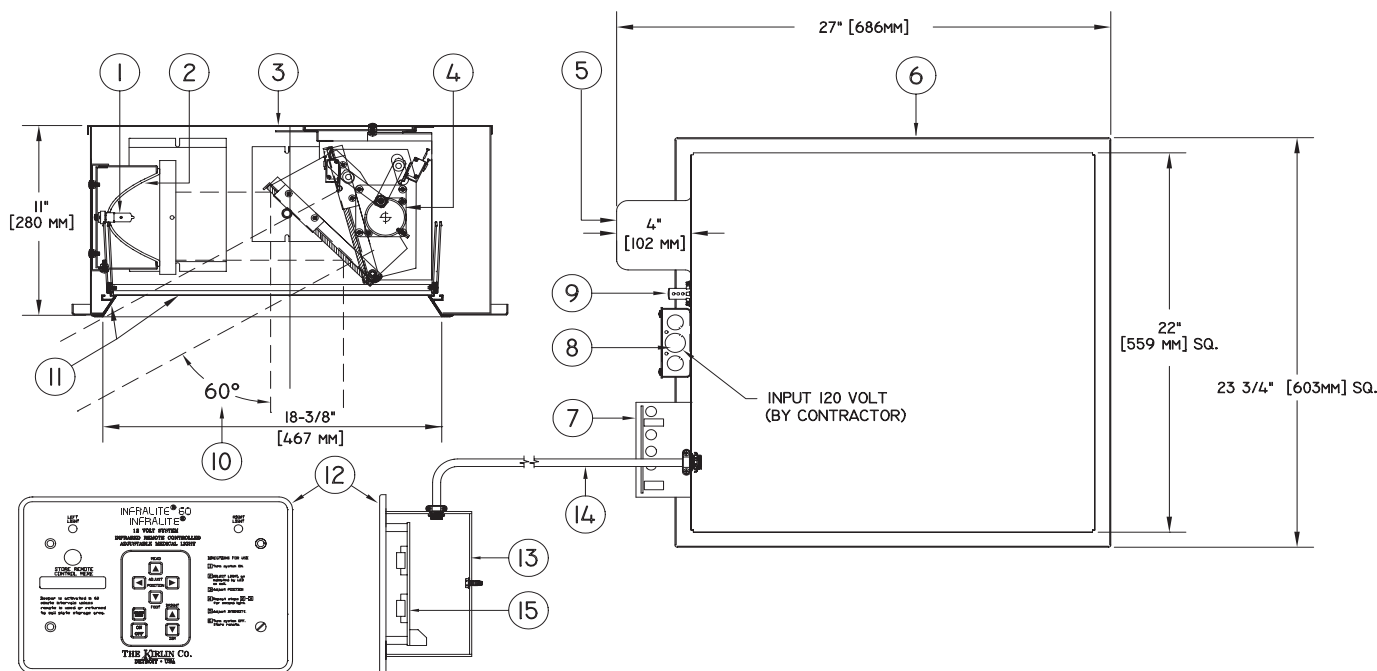


INFRARED REMOTE CONTROLLED ADJUSTABLE LIGHTING SYSTEM

SECTION and PLAN VIEWS - RECESSED LUMINAIRE WITH WALL CONTROL



Data Shown per Luminaire:

Lamps and Sockets (1) (per luminaire)

- 2x150 watt 24 volt 100 CRI bi-pin tungsten halogen lamps (included).
- Long lamp life.
- Porcelain sockets with silicone leads.

Reflectors (2)

- 2 cold mirrored glass reflectors - 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.
- Integral 2' x 2' grid lay-in pan. White.

Motors (4)

- Four 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.

Transformer (5)

- 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.

Installation

- Lightweight 60 pound fixture with integral 2' x 2' lay-in pan (6) recesses in a standard 2' x 2' lay-in grid.
- All other ceiling types consult factory.
- See page 4 for typical luminaire placement.
- May be installed (per NEC) made good by any qualified electrician. Factory representative need not be present.

Electronics with Power Supply (7)

- Electronics located in a minimum 12 volt maximum.
- 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.

Junction Box (luminaire) (8)

- Prewired 14 GA (NEC) galvanized steel. Recessed. Contains fuses and terminals.
- Removable insulated cover.
- 1/2" and 3/4" knockouts.
- Per current NEC.

Range of Motion (10)

- Adjustment of 60° vertical (from nadir) and 45° horizontal.
- Maximum 60° deflection is shown.

Trim Assembly (visible at ceiling) (11)

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

Wall Control Center (2)(3)(5)

Note: One per lighting system

- One wall control panel provided. (2) Includes tactile-membrane function controls (power, direction, brightness) and microelectronics. 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.
- **Listed back box (3) provided must be used for proper fit of electronics.** 1/2" and 3/4" trade size knockouts.

Low Voltage Cable (14)

- Each luminaire provided with 35' low voltage (12 volt) cable (14) for connection to color coded terminal block(s) (9 conductors) (15) within wall control back box. Optional cable length available. Consult factory representative.

UL, C-UL (Canada) Listings

- Recognized applications, covered listings.
- Through branch circuit conductors (6#12).

Warranty

- Complete standard fixture and wall control, three years. (Lamps excluded)
- Remote control, one year.

THIS PRODUCT IS NO LONGER AVAILABLE

Please see INFRALITE PRO for the latest technology.

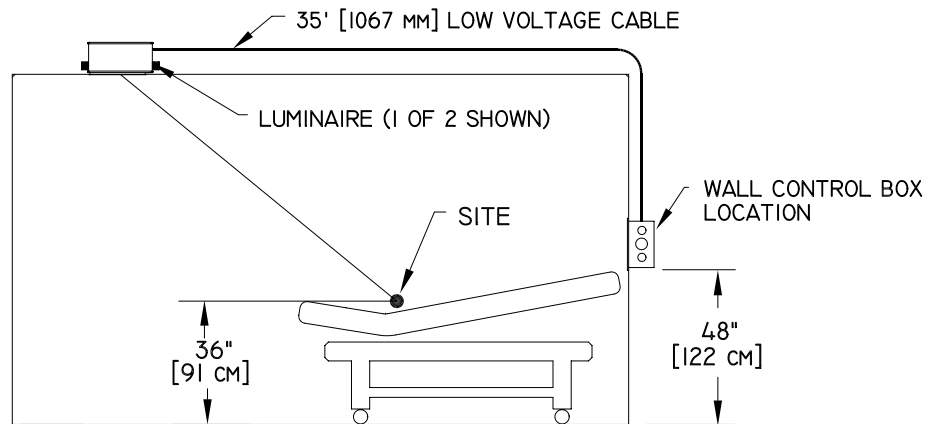
PER SINGLE LUMINAIRE

OPERATING CURRENT 2.50A

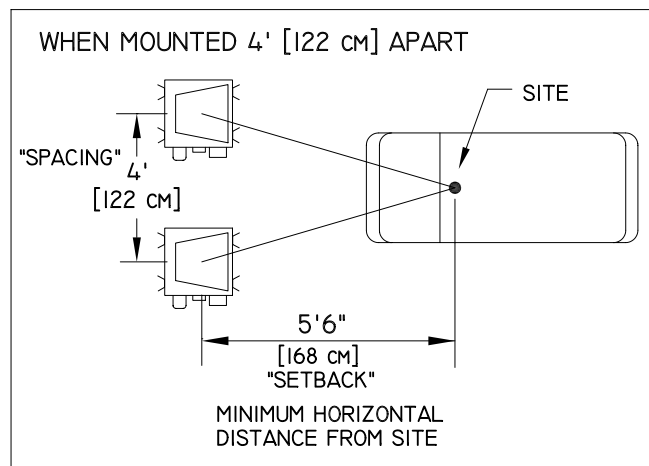
MAXIMUM DRAW 2.55A

APPLICATIONS

Typical Side View



Typical Top View



71712 Footcandle Performance

	7.5' CEILING HEIGHT		8.0' CEILING HEIGHT		9.0' CEILING HEIGHT	
	4' SPACING	6' SPACING	4' SPACING	6' SPACING	4' SPACING	6' SPACING
6' SETBACK	4569 fc @ 53°		4291 fc @ 50°		3688 fc @ 45°	
7' SETBACK	3809 fc @ 57°		3597 fc @ 54°		3163 fc @ 49°	
8' SETBACK	3192 fc @ 60°	2938 fc @ 60°	3032 fc @ 58°	2803 fc @ 58°	2718 fc @ 53°	2532 fc @ 53°

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

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