

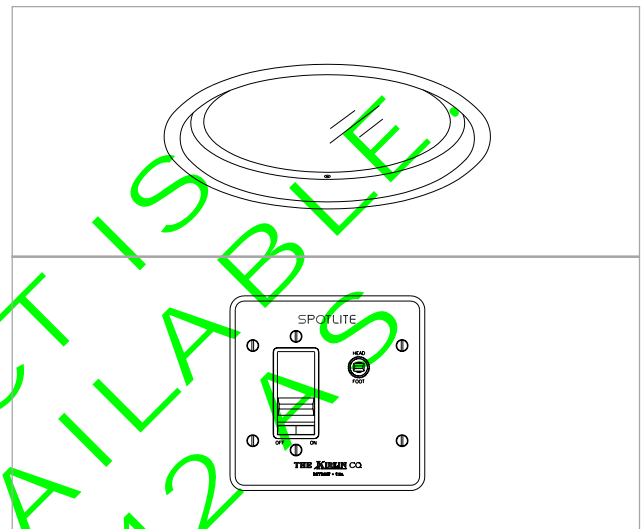
SPOTLITE™

1 LIGHT SYSTEM - Linear **RR01211**

Motorized
Adjustable
Recessed Patient
Lighting System

ED • ICU • CCU
PATIENT ROOM

250 Watt PAR 38 120 Volt



Design: Inconspicuous, fully recessed lensed luminaire with smooth white finish.

Use: Fast, single-hand adjustability using wall control.

Function: Precise adjustability of direction and brightness.

Performance: Cool stable beam of ideal 100 CRI light provides 11° spot or 32° flood (optional) illumination.

This lighting system features one fully recessed **luminaire** plus a **wall control**:

• **Luminaire Offers:**

- Linear sweep from head to foot (tilts up to 35° either side of nadir)
- Sleek white regressed smooth flare trim with with tempered clear flat glass lens
- 250 watt, 120 volt 100 CRI tungsten halogen 3000°K lamp with 11° spot
- Lightweight construction for easy installation in any ceiling (17 pounds)
- Complete serviceability through the aperture; plug-in components for easy installation and service

• **Wall Control Offers:**

- One hand operation of controls: toggle switch for direction and power, slide dimmer for intensity
- Smooth surfaces for convenient cleaning

UL, C-UL (Canada) Listed • Exclusive Three Year Warranty • Designed and Produced in U.S.A.

Options

The following Options are available for RR01211. Add Option as suffix to catalog number. Example: RR01211-32-RF.

- | | | |
|---|---|--|
| -10 Tinted lens instead; raises color temperature; reduces CRI and lumen output. | -87 120 volt plenum rated cable length greater than 35 feet. Consult factory. | -LX Extra lamps. Specify 11° spot (standard) or 32° flood (Option -LF). Specify in multiples of 12. |
| -32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening. | -94 Custom color self-flanged flare trim instead. Consult factory. | -SE Fixture modified to accept seismic anchorage (by others). Meets CA, Uniform & International Building Codes. Consult factory. |
| -58 277/120 volt stepdown transformer for 277 volt line input, prewired into each fixture; with 277 volt thermal protector. | -97 For other input supply voltages, consult factory. | |
| | -99 Special modification. Consult factory. | |
| | -LF With 32° flood lamp instead of standard 11° spot lamp. | |

KIRLIN

THE KIRLIN COMPANY

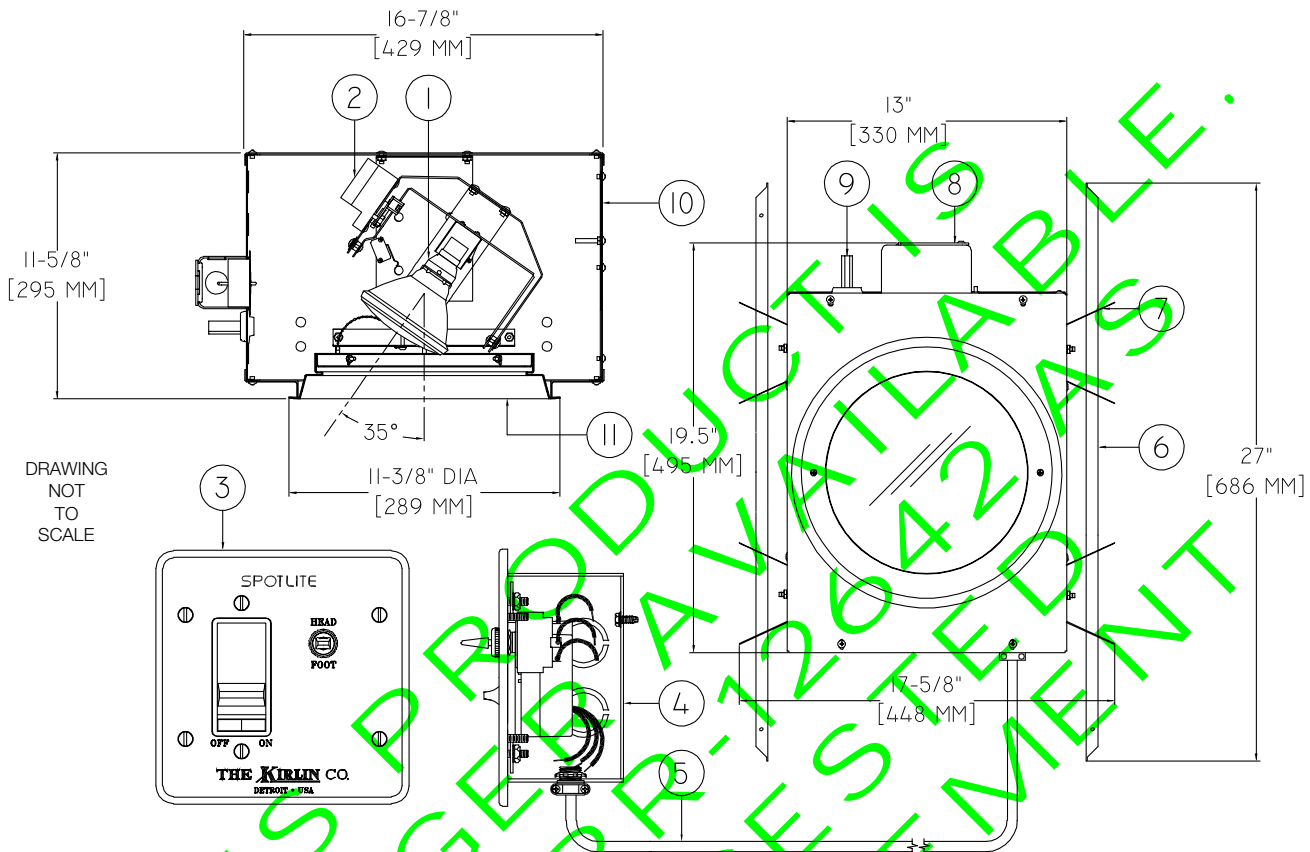
3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-3121 or (313) 259-9409 • www.kirlinlighting.com

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

RR01211

SPOTLITE™
1 LIGHT SYSTEM - Linear

MOTORIZED WALL CONTROLLED ADJUSTABLE LIGHTING SYSTEM



Lamp and Socket ①

- 250 watt PAR 38 120 volt 11° spot 100 CRI tungsten halogen lamp (included).
- 3000°K.
- Medium base incandescent socket with Teflon® leads.

Motors / Gimbal Assembly (2)

- One 120 volt permanently lubricated motors control motion. Quiet operation.
- Linear sweep from head to foot (tilts up to 35° from either side of nadir).
- Plug-in modular electronics designed for easy maintenance.
- Visible and easily serviced through removable trim assembly.

Wall Control ③
(one per lighting system)

- Includes all function controls (power, direction, brightness). (Detail next page.)
- **UL listed back box (4) provided must be used for proper fit of electronics.** 1/2" and 3/4" trade size knockouts.

Plenum rated cable (5)

- Each luminaire provided with 35' 120 volt plenum rated cable for connection to

Installation

- Lightweight 17 pound fixture recesses in all ceilings including suspended ceilings.
- For seismic anchorage, see Option -SE.
- May be installed (per NEC, mandatory) by any qualified electrician. Factory representative need not be present.
- Two 27" (69cm) galvanized channel bar hangers supplied. **(6)**
- Four Kirlin fully adjustable universal mounting brackets supplied. **(7)**

Junction Box (luminaire) (8)

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

Thermal Protection ⑨

- Per current NEC.

Housing ⑩

- 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.

Trim Assembly 11

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

Stepdown Transformer

- **When Option -58 is selected:**
WhisperPack™ fully encapsulated 277/120 volt Class H transformer for 277 volt line input. Prewired into fixture; with 277 volt thermal protector. Fused (in J-box).
- Cool, quiet, long life. Silicone leads.
- Visible and easily serviced in all ceilings, including dry wall.

UL, C-UL (Canada) Listings

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

State of California OSHPD Siesmic Anchorage Pre-Approved.

Warranty

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

PER SINGLE LUMINAIRE OPERATING CURRENT 2.10A MAXIMUM DRAW 2.20A

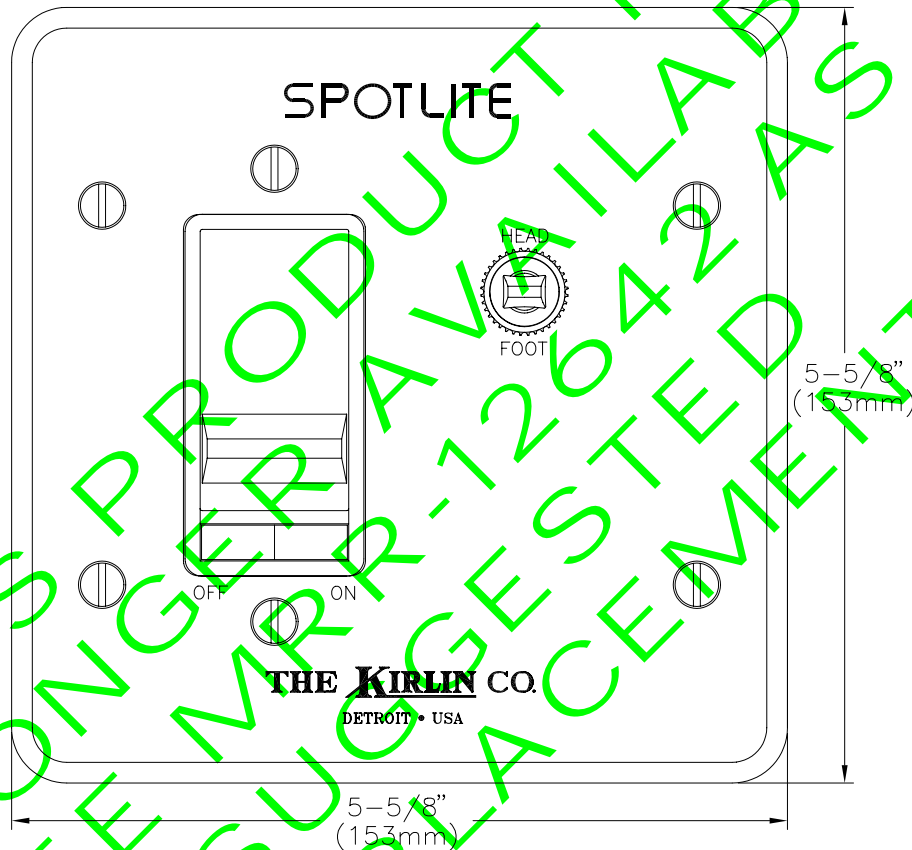
MOTORIZED WALL CONTROLLED
ADJUSTABLE LIGHTING SYSTEM

SPOTLITE™
1 LIGHT SYSTEM - Linear

RR01211

WALL CONTROL PANEL

(INSTALLED IN ROOM WALL - NOT TO SCALE)



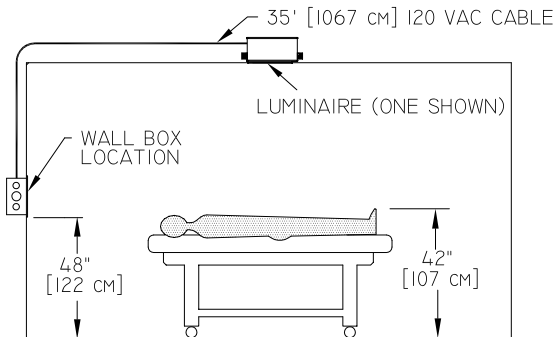
- Function switches for:
 - Power
 - Intensity (dimmer or brighter)
 - Direction
(70° linear sweep from head to foot -
tilts up to 35° either side of nadir).
- Convenient one hand operation.
- Smooth surfaces for easy cleaning.

RR01211

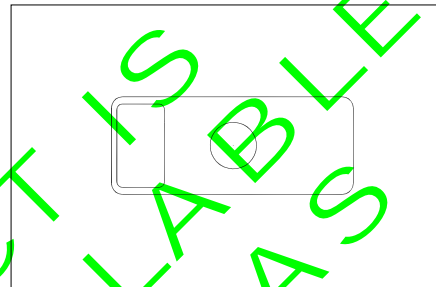
SPOTLITE™
1 LIGHT SYSTEM - Linear
250 WATT / 120 VOLT

MOTORIZED WALL CONTROLLED
ADJUSTABLE LIGHTING SYSTEM

Typical Side View



Typical Top View



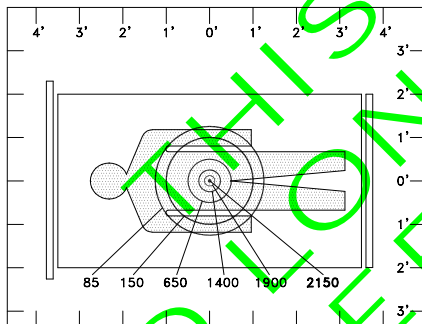
SPOTLITE™ Footcandle Performance

8' CEILING HEIGHT	8'6" CEILING HEIGHT	9' CEILING HEIGHT
2,150 fc	1,750 fc	1,450 fc

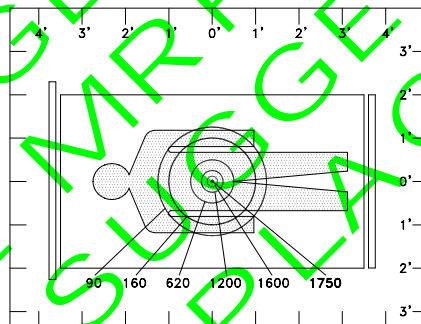
Footcandle performance calculations are based on lamp manufacturers' published initial lumen ratings. Individual lamps may vary significantly, particularly with age.

Footcandle Distribution Data

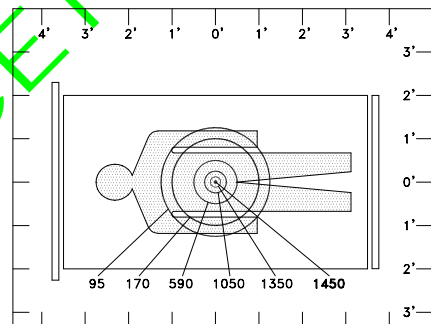
Ceiling Height: 8'
Work Plane: 3'6"



Ceiling Height: 8'6"
Work Plane: 3'6"

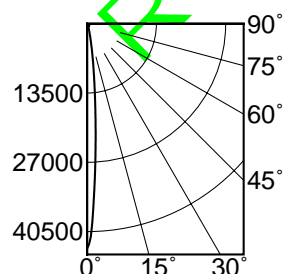


Ceiling Height: 9'
Work Plane: 3'6"



Performance at a Glance

S/MH 0.2
EFFICIENCY = 84.8%



Cone of Light*

Ft.	FC	Dia.
4.5	2162.8	0.3
5.0	1751.9	0.3
5.5	1447.8	0.3
6.0	1216.6	0.4
6.5	1036.6	0.4
7.0	893.8	0.4

Cone of Light Key

Ft. Distance from fixture
FC Footcandles (average)
Dia. Circle of light at 50% of FC

* Dia. (in ft.) shown is where FC value is half the FC at nadir.

Photometric testing by I.T.L. (Boulder, CO)
I.T.L. Test No. 48779

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