

Ceiling Light with 5 Lighting Functions



Antimicrobial Finish

Reading Light

Ambient Light

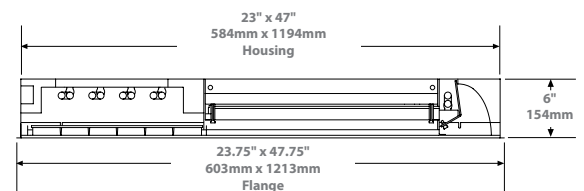
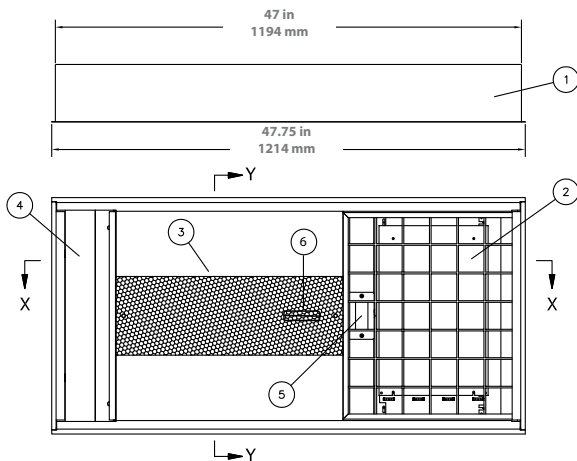
Exam Light

Night Light/Chart Light
(Optional)

Ingress Barrier
(Optional)



Dimensional Drawings



LEGEND:

1. HOUSING
2. EXAM LIGHT
3. AMBIENT LIGHT
4. READING LIGHT
5. CHART LIGHT
6. NIGHT LIGHT

Specifications

Housing:

Flange and Grid - 20 gauge CRS;

Surface -18 gauge CRS.

One-piece seam welded construction.

Housing Flange: Flange and Grid – 18 gauge CRS, standard 4-piece construction, spot welded to housing.

Housing Finish: White urethane powder coat finish – 5-step treatment; Standard antimicrobial finish.

Inside Flanges: 18 gauge CRS; fastened to housing. Matte powder coat finish – 5-step pre-treatment.

Lamp Shielding:

Exam compartment shielded by sliding semi-specular aluminum parabolic louver. Clear protective lamp shield securely fastened above louver. Ambient compartment lamps shielded by the perforated steel (coated with white urethane finish) with the pearlescent acrylic diffuser. Reading compartment lamp is protected by the clear shield.

Optional Ingress Barrier:

The clear acrylic covers the entire light fixture with a piano hinge without compromising the quality of light output. The doorframe is secured to the housing with stainless steel Phillips-head fasteners. Closed cell neoprene/EPDM/SBR gasket seals the doorframe to the housing. The .118" (3 mm) thick anti-reflective barrier is used in isolation/negative pressure areas or acts as a protector against dust and other items from entering the lights surface area, maximizing infectious control.

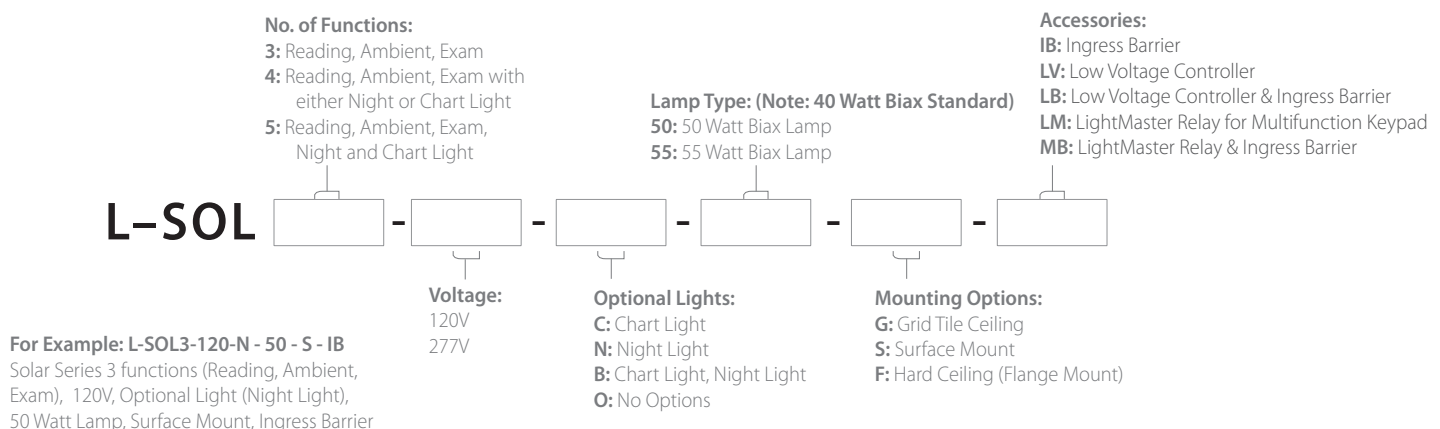
Electrical:

Built in four universal ballasts to accommodate 120V-277V (instant start 120V-277V 50/60HZ MAX 10 % THD). Low voltage controller mounted in the fixture provides sequential or individual control for ambient and reading lights. The exam area shall be NEC compliant and have an isolated wiring compartment for auxiliary circuit feed.

Lamp Types:

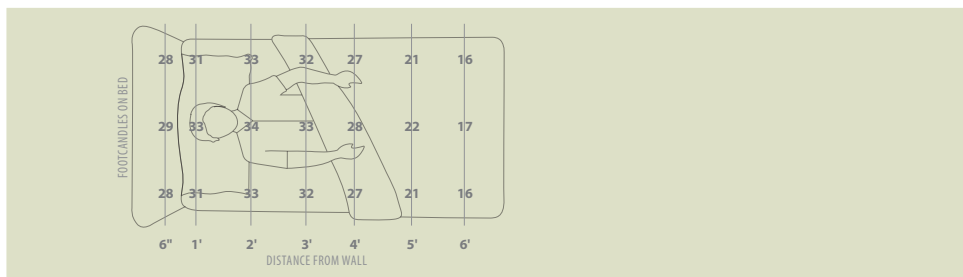
| Reading Light: | Ambient Light: | Exam Light: | Night Light: | Chart Light: |
|---------------------------|---------------------------|---------------------------|---------------------------|--------------|
| One 40 W, 50 W, 55 W | Two 40 W, 50 W, 55 W | Four 40 W, 50 W, 55 W | 24 white LED's | One 3W LED |
| Biax (supplied by others) | Biax (supplied by others) | Biax (supplied by others) | 120V or 277V | 110V-277V |
| | | | 2-watt energy consumption | |

Configure Your Light



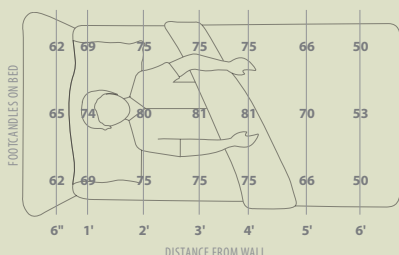
Photometrics - Lighting Functions

Ambient Light



- Indirect illumination from wall directly behind patient provides glare-free lighting.
- No direct glare to patient. (Light is directed towards wall.)

- No direct glare to patient's visitor.
- No direct glare to adjacent patients. (3 fc maximum on wall behind adjacent patients bed.)



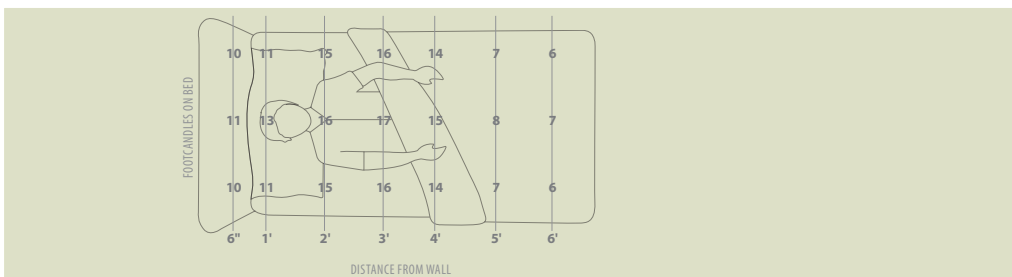
- Excellent color rendition. (Biax Type lamp.)
- Wired for independent switching (1 or 2 circuit).

Exam Light



- Optional louver or lens frame.
- Concealed hinging and latching.

Reading Light



- Eliminates reflected glare from reading material (over shoulder illumination).
- No direct glare to patient or visitors. (7 fc maximum at head of bed. 15 fc maximum at foot of bed.)

- Controls light directly onto patient's bed.
- No reading light spill-over to adjacent bed (2 foot/candles maximum at head of adjacent patient's bed.)

Night Light (Optional)



- Lights night stand between beds.
- Field adjustable for either right or left side of patient's bed.
- No glare to any patient.
- Wired for independent switching.

Chart Light (Optional)

