

# Valence Light (P005195)

## TECHNICAL DATA SHEET

### Purpose

The Valence Light is available as a 36" (91 cm) (P005195A36) or 48" (122 cm) (P005195A48) fluorescent fixture. The lamps can be controlled by one of these methods:

- a four position pull-chain switch (120 V only)
  - a switch at the door
  - a switch on the headwall
  - a low-voltage switch in the bed siderails
- or
- a low-voltage switch in the pillow speaker

The Valence Light supplies the patient with a light to read by and indirect light for room illumination.

### Standards

As manufactured, the Valence Light is compliant with these codes and standards:

For USA installations:

- National Fire Protection Association®<sup>1</sup>  
NFPA 99: *Standard For Health Care Facilities*
- NFPA 70: *National Electrical Code*® (NEC®)
- UL 60601-1 "Medical Electrical Equipment"
- Part-18 in Title-47 of the *US Code of Federal Regulations* (47CFR-18)

For Canadian installations:

- Canadian Standards Association (CSA®)<sup>2</sup>  
Parts - 1 and 2 of the *Canadian Electrical Code* (CSA-22.1 and CAN/CSA-C22.2) and CSA-C22.2 No. 601.1

### General Description and Responsibilities



#### WARNING:

The Valence Light (P005195) does not contain an internal safety circuit to prevent inadvertent damage from electric beds and/or accessories.

- The Valence Light is a one-piece fixture with three lamps; two lamps for indirect illumination, and one lamp to read by. A pull-chain (120 V only), wall or headwall switch, or a low-voltage switch in the bed siderail or pillow speaker controls the lights.
- The Valence Light is cULus listed (IEVV for the USA and IEVV7 for Canada) for compliance to ANSI/UL-1598: "Luminaries" (and CSA22.2 No. 250.0 "Luminaries" for Canada) under UL File No: E182095.
- The Valence Light is a prefabricated, factory wired fluorescent light fixture that is mounted and recessed into the ceiling structure of a general care area. The light must be installed a minimum of 69" (175 cm) above the finished floor.
- The installation contractor is to install the light fixture and connect facility service wiring in accordance with Hill-Rom's *Valence Light (P005195) to Wall Box Installation Instructions* (151222) and all national, local, and state or provincial building codes, and electrical codes.

### Manufacturer Qualifications

- Shipment is the responsibility of Hill-Rom.
- The Valence Light is shipped in a corrugated carton and is skid-wrapped.
- The Valence Light configuration options are established at the time the order is accepted.

1. National Fire Protection Association®, National Electrical Code®, and NEC® are registered trademarks of National Fire Protection Association, Inc.

2. CSA® is a registered trademark of Canadian Standards Association, Inc.

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### Design Requirements

- The valence is a marine grade aluminum with an extruded body and front face. It is a one-piece welded construction.
- The encasement, valence, and post assembly is finished in a white or warm white polyester powder coat finish and is processed through a 5-step pre-treated process.
- The baseplate is a 16-gauge CRS plate with six mounting holes and one wireway hole.
- The lens is UV stabilized, high impact resistant, clear P12 acrylic plastic with a smooth external and a prismatic internal area. The normal thickness of the lens is 0.125" (13.17 mm). The lens is attached to the fixture in body channels.

### Lamp Requirements

- The Valence Light requires three Type F28T8 36" (92 cm) or F32T8 48" (122 cm) (28 watt rapid start) lamps for a fully featured light.
- The lamps are not supplied with the light.

### Performance Requirements

The values listed in this section are in footcandles as measured on the bed surface with the light mounted at 72" (182.88 cm) above finished floor (AFF).

- **READ LIGHT ONLY**  
30" (76 cm) AFF  
Foot: 10    Seat: 26    Head: 12  
47" (119 cm) AFF head @ 45°  
Foot: 9    Seat: 30    Head: 52
- **READ PLUS AMBIENT LIGHTS**  
30" (76 cm) AFF  
Foot: 19    Seat: 36    Head: 42  
47" (119 cm)  
Foot: 18    Seat: 44    Head: 65
- **AMBIENT LIGHT ONLY**  
30" (76 cm) AFF  
Foot: 7    Seat: 11    Head: 10  
47" (119 cm)  
Foot: 7    Seat: 14    Head: 13

### Components for each Light

- One Model P005195A36 or P005195A48 Valence Light.

### Electrical System

- 18 AWG wire is the minimum wire dimension used in the Valence Light circuitry.
- The ballast is Class P, rapid start, sound rated A, high power factor in the specified voltage. All ballast are 47CFR-18 compliant.

### Installation and Maintenance

- The Valence Light is designed to be mounted on the headwall of the patient a minimum of 69" (175 cm) above the finished floor to the center of the fixture back plate and in accordance with Hill-Rom's *Valence Light (P005195) to Wall Box Installation Instructions* (151222).
- All hardware and wire required to mount the Valence Light is supplied by the contractor.
- Supply connections are to be made to one circuit.

### Service

A list of service parts for the Valence Light is available in Hill-Rom's *Wall Mounted Luminaries Service Manual* (152725).

### Submittals

- The light will not be assembled until all approvals are received.
- Hill-Rom will supply physical samples only if specifically required and the cost to do so is negotiated.

### Warranty

Hill-Rom warrants all materials and workmanship to be of the quality, quantity, and character specified or shown. Defects because of the use of incorrect workmanship or material, found or made known to Hill-Rom within one (1) year of delivery, will be made good by Hill-Rom at no added expense to the owner.

### Order Data

Order part number P005195A36 for the 36" (91 cm) or P005195A48 for the 48" (122 cm) Valence Light.

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### Dimensions

Table 1. Dimensions

Feature	Dimension
Length	P005195A36—38" (97 cm)
	P005195A48—50" (127 cm)
Width	8" (20 cm)
Depth	6.5" (16.5 cm)
Weight	P005195A36—21 lb (10 kg) with lamps 20 lb (9 kg)—without lamps
	P005195A48—32 lb (15 Kg) with lamps 30 lb (14 kg)—without lamps

### Electric Power Connection Options

The electric power connection wiring diagram options for the Valence Light are as follows:

- Option 1—120 V AC, a pull-chain switch controls the ambient and reading light (see figure 1 on page 4)
- Option 2—120 or 277 V AC, a low-voltage pillow speaker switch controls the ambient and reading light (see figure 2 on page 4)
- Option 3—120 or 277 V AC, a wall switch controls the ambient light and a low-voltage pillow speaker controls the reading light (see figure 3 on page 5)
- Option 4—120 V AC, a wall switch controls the ambient light and a pull-chain switch controls the reading light (see figure 4 on page 5)
- Option 5—120 or 277 V AC, a wall switch controls the ambient light and a pull-chain switch controls the reading light (see figure 5 on page 6)

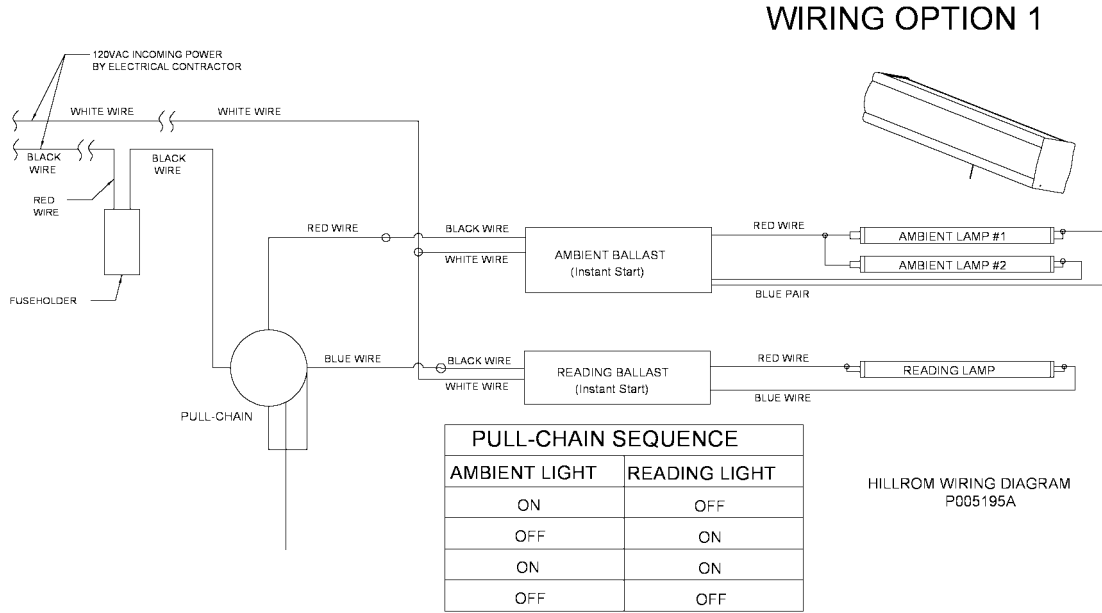
#### NOTE:

The Valence Light pull-chain option is only available with the 120 V configuration.

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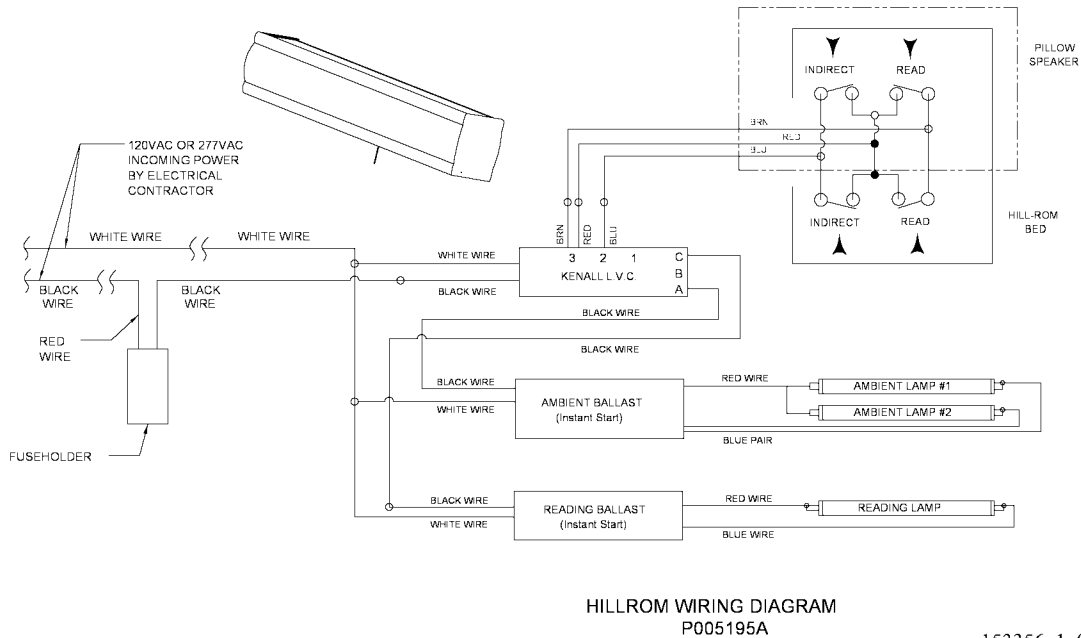
Figure 1. Valence Light Electric Power Connection Wiring Diagram—Option 1



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Figure 2. Valence Light Electric Power Connection Wiring Diagram—Option 2

### WIRING OPTION 2



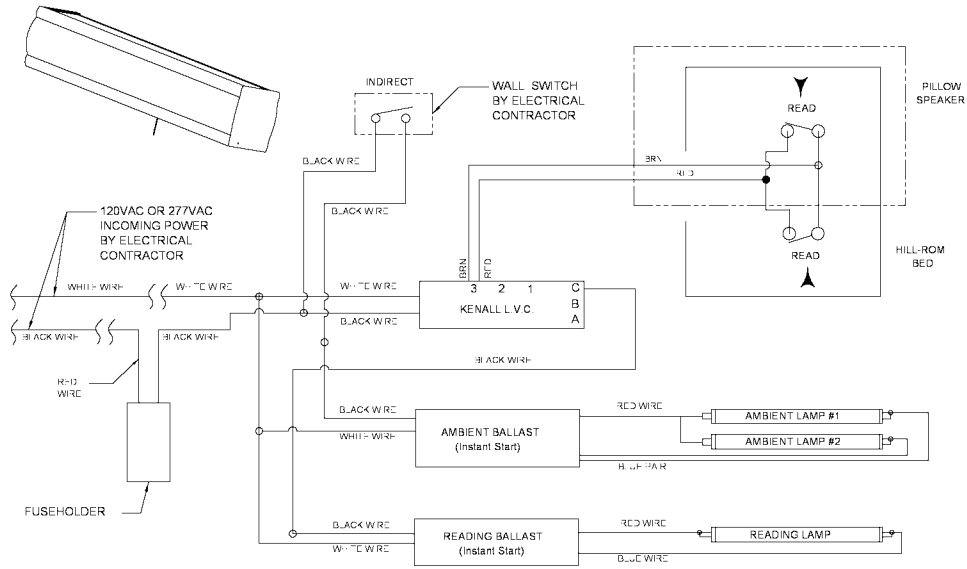
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Figure 3. Valence Light Electric Power Connection Wiring Diagram—Option 3

### WIRING OPTION 3

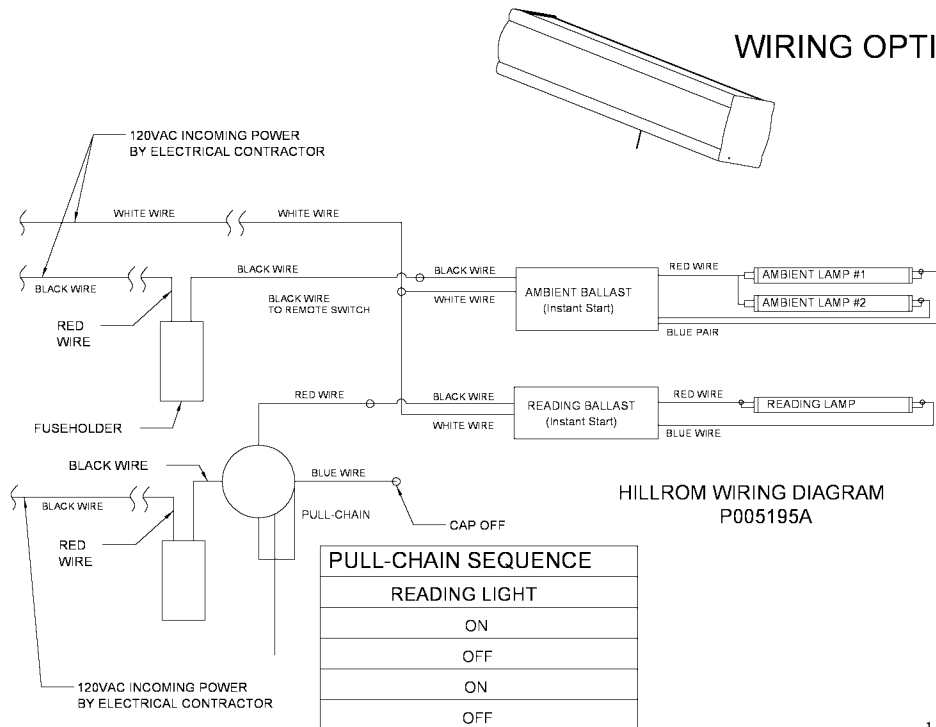


HILLROM WIRING DIAGRAM  
P005195A

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Figure 4. Valence Light Electric Power Connection Wiring Diagram—Option 4

### WIRING OPTION 4



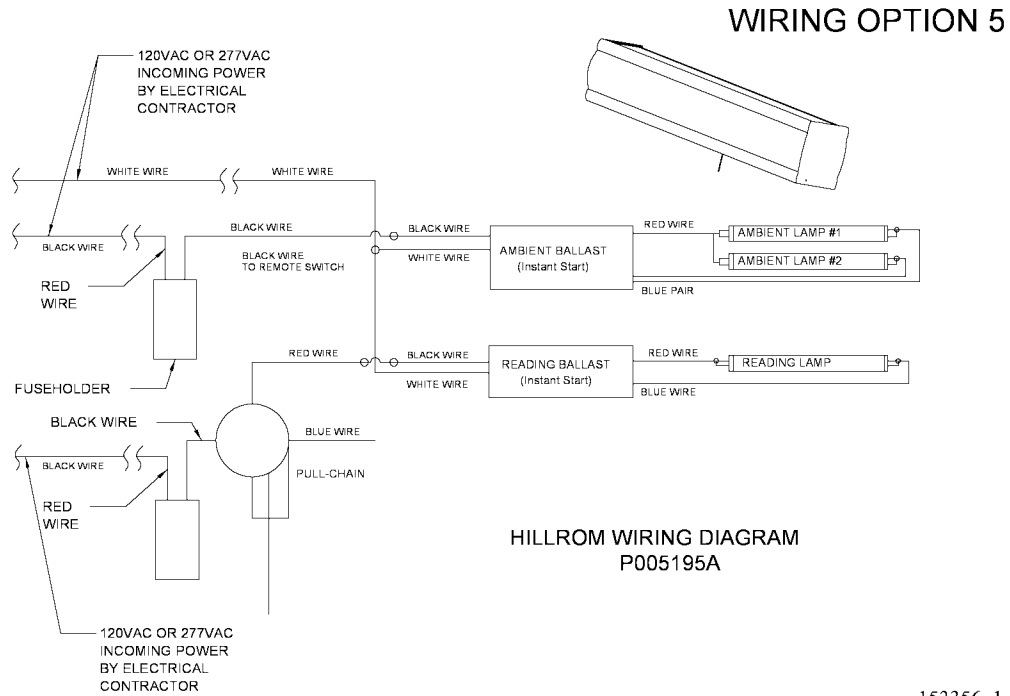
HILLROM WIRING DIAGRAM  
P005195A

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Figure 5. Valence Light Electric Power Connection Wiring Diagram—Option 5



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The logo for Hill-Rom, featuring the brand name in a bold, white, sans-serif font inside a black rounded rectangular background.

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