

Task Light (P005194)

TECHNICAL DATA SHEET

Purpose

The Task Light supplies the caregivers with a task light for patient illumination.

Standards

As manufactured, the Task Light is compliant with the codes and standards as listed below.

For USA installations:

- National Fire Protection Association®¹
NFPA 99: *Standard For Health Care Facilities*
- NFPA 70: *National Electrical Code*® (NEC®)
- Part-18 in Title-47 of the *US Code of Federal Regulations* (47CFR-18)
- ANSI/UL-1598: *Luminaires*

For Canadian installations:

- Canadian Standards Association (CSA®)²
Parts - 1 and 2 of the *Canadian Electrical Code* (CSA 22.1 and CSA C22.2) and CSA C22.2 No. 250.0: *Luminaires*

General Description and Responsibilities

- The Task Light is a one-piece fixture with two lamps for patient task illumination. A wall switch controls the lights.
- This WittRock ceiling light is cULus-listed (IEVV for USA installations and IEVV7 for Canadian installations) under UL-File No: E318785.
- The Task Light is a prefabricated and factory wired fluorescent light fixture that is mounted and recessed into the ceiling structure of a general care area. The Task Light must be installed and positioned a minimum of 90" (229 cm) above the finished floor.
- This ceiling light provides a hinged ingress barrier cover over the face of the light fixture, providing for UL-Classified IP65 enclosure compliance (for damp, dusty, and wet locations)

in accordance with IEC 60529: *Degrees of Protection (IP Code)*, and IED 60598: *Luminaires*.

- The installation contractor is to install the Task Light and connect facility service wiring in accordance with Hill-Rom's *Task Light (P005193) and (P005194) to Wall Box Installation Instructions* (151220), and all national, local, and state or provincial building codes, and electrical code.

Manufacturer Qualifications

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

Design Requirements

- The fixture is encased in 20-gauge CRS, one-piece seam is 20-gauge CRS, four-piece construction that is spot-welded to the encasement.
- The corners are mitered and spot-welded.
- The encasement is finished in a white polyester powder coat finish and is processed through a 5-step pre-treated procedure.
- The fixture has an antimicrobial finish.
- Attached to the encasement is an inner flange of 18-gauge CRS with a black matte powder coat finish.
- A semi-circular aluminum parabolic slide louver shields the examination compartment lamps.
- A steel and pearlescent acrylic diffuser (with holes in it) shields the ambient compartment lamps.
- A clear lamp shield protects the lamp compartment.
- The lens frame is aluminum with a clear satin finish. The lens frame is attached to the casement with a continuous hinge (20-gauge stainless steel) and stainless steel fasteners.
- A closed cell neoprene gasket seals the lens to the casement.
- The lens is 1/8" (3.17 mm) thick acrylic.

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

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- The ingress barrier seals the internal light components from the patient.
- The ingress barrier will keep contaminants and moisture from the patient.

Lamp Requirements

- The Task Light requires two type F54T5HO (54 watt rapid start) lamps.
- The lamps are not supplied with the Task Light.

Performance Requirements

The values listed in this section are in footcandles as measured on the bed surface with the Task Light mounted in a 102" (259 cm) ceiling and with the bed in the low position.

- **TASK LIGHT ONLY**
47" (120 cm) above finished floor (AFF)
Foot: 79 Seat: 99 Head: 93

Components per Light

- One Model P005194 Task Light.

Electrical System

- 18 AWG wire is the minimum wire dimension used in the Task 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 Task Light is designed to be mounted in 1" (2.54 cm) wide, 24" (61 cm) x 48" (122 cm) T-grid ceiling tracks.
- All hardware and wire required to mount the Task Light is supplied by the contractor.
- The Task Light must be installed and positioned a minimum of 90" (228.60 cm) AFF and in accordance with Hill-Rom's *Task Light (P005193) and (P005194) to Wall Box Installation Instructions* (151220), and all national, local, and state or provincial building codes, and electrical code.
- Supply connections are to be made to one circuit.

Service

A list of service parts for the Task Light is available in Hill-Rom's *Recessed Mounted Luminaires Service Manual* (154190).

Submittals

- The Task Light will not be assembled until all approvals are received.
- WittRock will supply physical samples only if specifically asked, and the cost to do so is negotiated.

Warranty

WittRock 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 WittRock within one (1) year of delivery, will be made good by WittRock at no added expense to the owner.

Order Data

Order part number P005194 for the Task Light.

Dimensions

Table 1. Dimensions

Dimension	Value
Length	47" (120 cm)
Width	8" (20 cm)
Depth	3" (8 cm)
Weight	21 lbs. (10 kg)—with lamps
	20 lbs. (9 kg)—without lamps

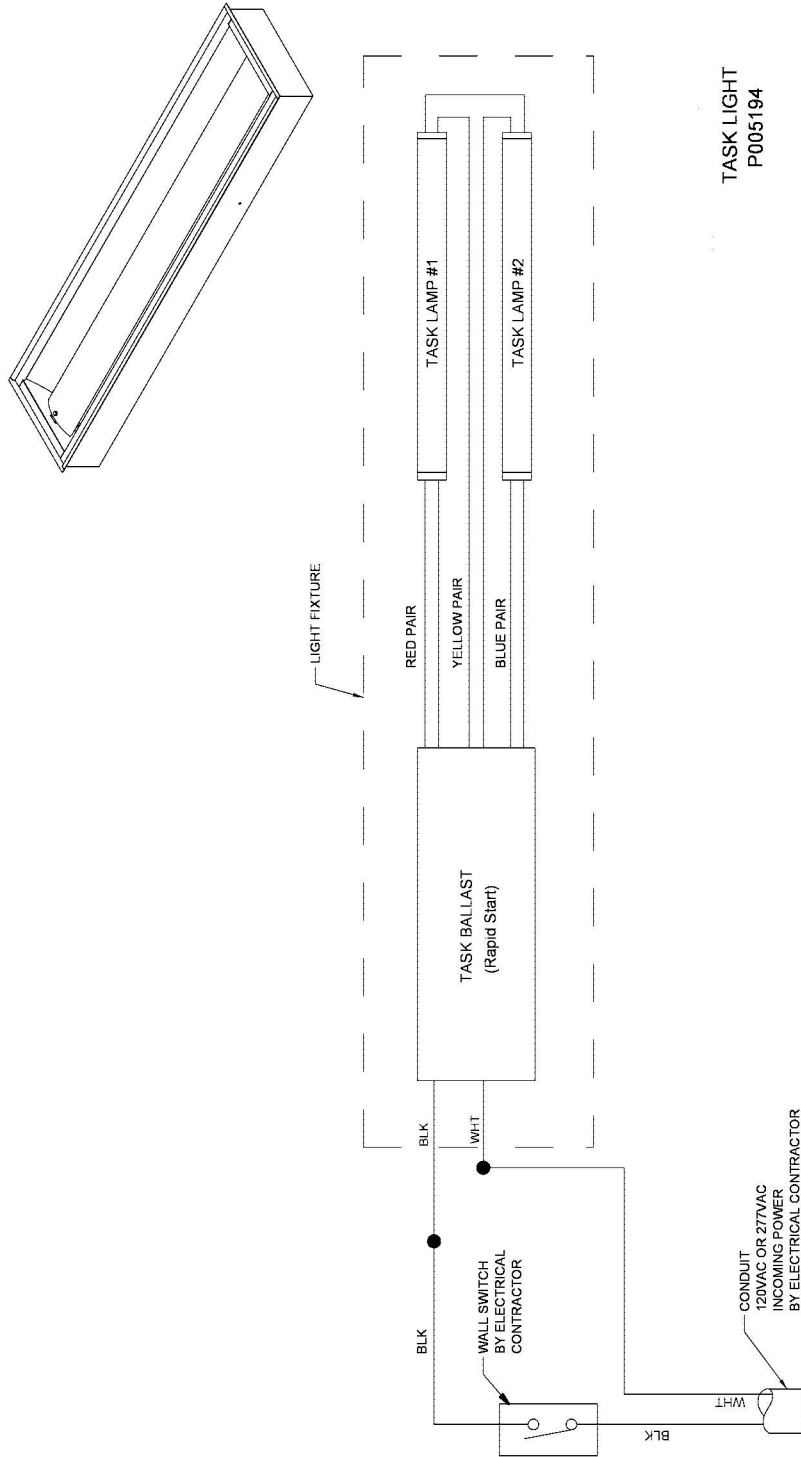
Electric Power Connection Options

The electric power connection wiring diagram for the Task Light is as follows (see figure 1 on page 3):

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Figure 1. Task Light Electric Power Connection Wiring Diagram



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