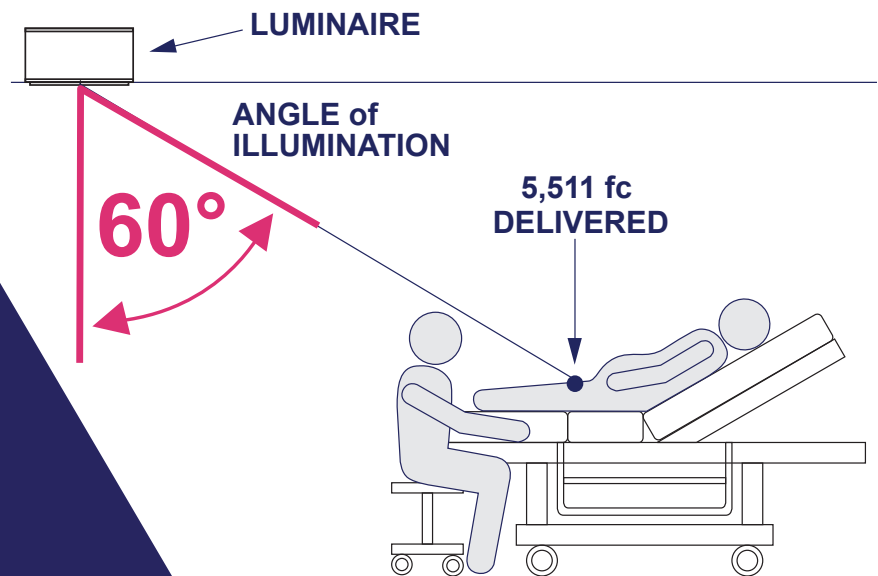




Recessed Aimable LED Lighting System for Childbirth

- High Angle 60°
- Fully Recessed System
- Ultimate Infection Control
- Cool LED Beams 95+ CRI
- 5,511 fc (59,320 lux) on Task
- Wall and Remote Controlled
- Suitable for All OB Procedures
- Adjustable Direction and Intensity



INFRALED® IS A REGISTERED TRADEMARK OF KIRLIN LIGHTING © 2022 KIRLIN LIGHTING.

INFRALED® PRO
Configurable remote-aimable lighting system for healthcare applications



PRO 60

High-angle exam light with 60° beam for Childbirth & Surgery



PRO 45

19" exam light with 45° beam for OR, Hybrid OR, & Cath Lab



PRO 35/PRO 35V

12" exam light with 35° beam for ICU, Patient Room, ED, & Behavioral








PRO 25

9" exam light with 25° beam for NICU, ICU, & Patient Room

Recessed Aimable LED Lighting System for Childbirth

Luminaire Specifications (see page 4 for Controls Specifications)

Luminaires are sold individually, and include the following standard features:

-  Up to 60° tilt (from nadir)
-  OPTeCOLOR™ LEDs: 95+ CRI, high R9 (72), R13 (96), R15 (96), cool beam, 60,000 hour life (L70). Cyanosis Observation Index of 2.7 meets AS/NZS 1680.2.5
-  Blue LED indicator strip designates luminaire under active control
-  BioGard™ anti-microbial white finish, regressed flare trim with tempered clear flat glass lens
-  Perforation-free, rust and corrosion proof aluminum housing (exceeds 1000hr ASTM salt spray test)
- Up to 5,511 fc (59,320 lux) on task from 8.5' ceiling
- 0-10V CCR 100-1% dimming
- Input voltage: 110 - 277V
- System wattage 106.1W (per luminaire)
- Serviceable through aperture; convenient plug-in components for easy installation and service. 2 x 2 lay in celing panel included.
- Lightweight 43 lbs; complies with OSHPD seismic requirements with addition of safety wires (by others)
- 5 year warranty

Options and Ordering Format

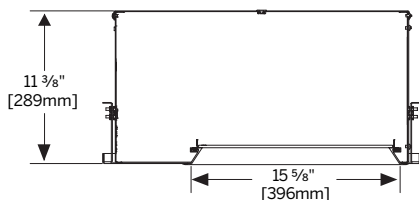
Must Specify		Optional		
Model	CCT	Trim	Installation	Other Options
PRO-17060				
	-35K: 3500K, 95+ CRI -41K: 4100K, 95+ CRI -50K: 5000K, 95+ CRI	(Blank): White BioGard™ trim, blue LED indicator -94: Custom color self-flanged trim; consult factory	(Blank): 2' x 2' ceiling pan for grid ceiling -47: Plaster frame bottom pan for hard ceiling	(Blank): None -87: Custom length (> 35') wall control cable; consult factory -99: Special modification; consult factory -FS: Single in line fuse -SH: Sealed housing and junction box

Full System Ordering Example

Part	Description	Quantity
PRO-17060-41K	INFRALED® PRO 60 Luminaires*	2
PRO-WALLC	INFRALED® PRO Wall Control Panel	1
PRO-REMOT	INFRALED® PRO Remote Control	1
PRO-SENSR	Optional IR Remote Sensor	1

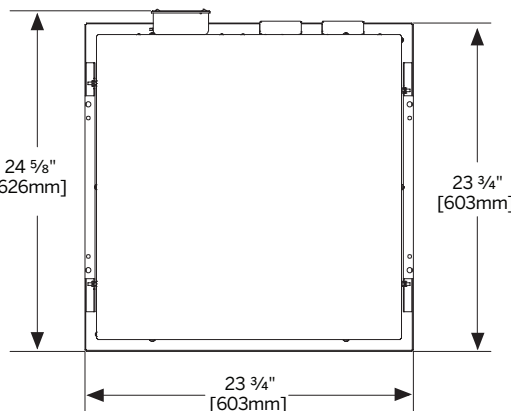
*INFRALED® PRO 60 is sold in multiples of 2

Dimensions



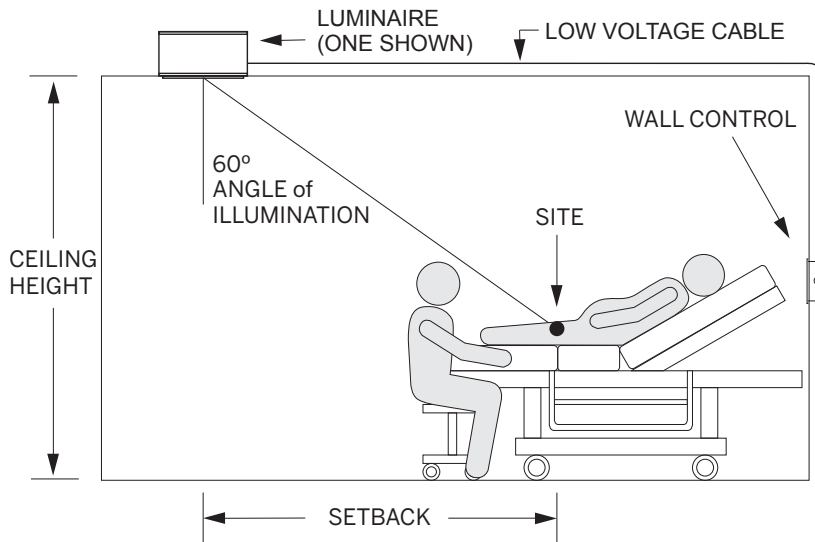
Drawing
Not to
Scale

PRO-17 060-41K-XX-XX-XX-XX			
Series			Other Options
Aperture Size			Installation Options
Maximum Tilt (Degrees)			Trim Options
Color Temperature			

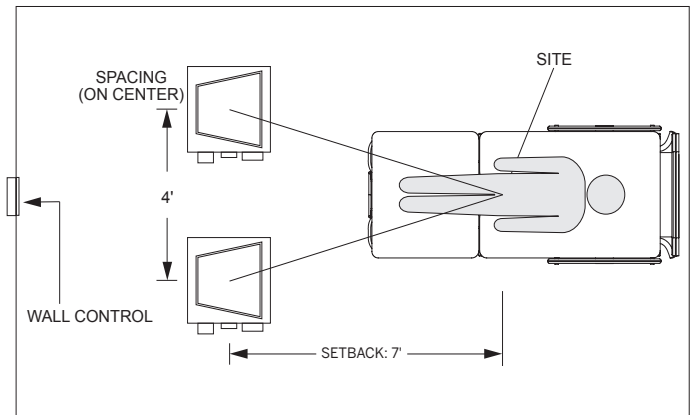


Recessed Aimable LED Lighting System for Childbirth

Typical Side View



Typical Top View



Recommendations for Typical Installation:

- Fixtures positioned to project light over the practitioner's shoulders on either side of his or her head.
- Fixture setback from break in bed is determined by ceiling height and position of practitioners (minimum of 6' setback recommended).
- Optimally, fixtures are placed 4' apart (on center) with angle of illumination typically between 50°-55° for sitting practitioners to provide future flexibility should task location change. Consult factory for assistance in determining ideal location of fixtures.
- Wall control contains infrared sensor must be mounted in an unobstructed location and within line of sight from practitioner's location.
- For use of INFRALED® PRO 60 in an operating room or non-childbirth setting, consult factory or learn more [here](#).

Recommended Fixture Setback/Location with Angle of Illumination and Light Levels

Ceiling Height	Setback from Break in Bed	Angle of Illumination	Footcandles on Task	Lux on Task
8'	7'	58.4°	5,857	63,044
	6'	54.7°	7,030	75,670
8.5'	8'	55.5°	4,665	50,214
	7'	51.8°	5,511	59,320
9'	8'	56.4°	4,426	47,641
	7'	53.0°	5,164	55,585
9.5'	9'	54.2°	3,408	36,683
	8'	50.9°	4,184	45,036

Recommended setback locations achieve highest angle of illumination, delivering light further into birth canal. For layout assistance, consult factory.

Photometric testing by I.T.L. (Boulder, CO)
I.T.L. Test No. 93357

Recessed Aimable LED Lighting System for Childbirth

INFRALED® PRO 60 is controlled via wall control panel and optional remote control. Each controller supports up to 4 luminaires from the INFRALED® PRO family. Each wall control panel includes an infrared sensor. An optional ceiling-mounted infrared sensor is also available. All wall controls, remote controls, and remote sensors must be ordered separately.

Wall Control Panel (PRO-WALLC) Required

- Full function controls for power, fixture selection, intensity and direction
- Tactile-membranes and smooth surfaces for easy cleaning with isopropyl alcohol and disinfecting agents
- May be located outside of patient room or in a secure remote location. If remote control use is anticipated, add **PRO-SENSR** option, see below
- Includes infrared receiver for remote control operation
- Magnetic docking station for remote control
- Back box provided by Kirlin
- Add option **-ACH** (Alternative channel) on wall control when adding an additional wall control in the same room
- 5 year warranty

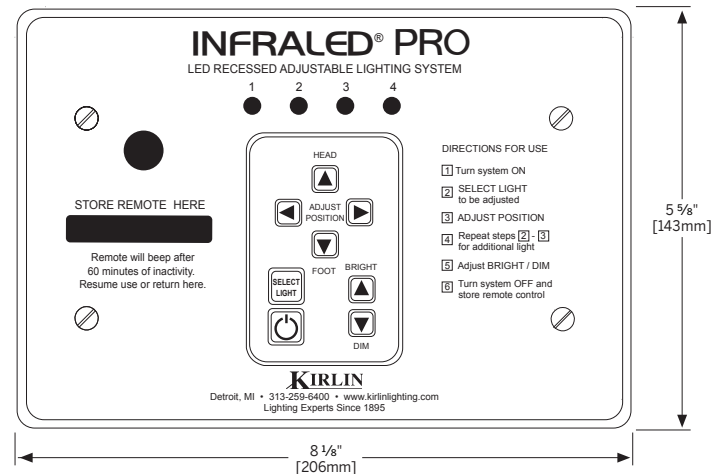
Remote Control (PRO-REMOT)

- Full function controls for power, fixture selection, intensity and direction
- Convenient one hand operation
- Tactile-membranes and smooth surfaces for easy cleaning with isopropyl alcohol and disinfecting agents
- Invisible infrared signal will not interfere with other equipment in the room
- Impact resistant construction
- Loss deterring beeper to remind user to return remote to docking station. Beeper is activated if remote control is not used for, nor returned to dock within 1 hour
- "Write-on" area for marking room number
- 2-AA batteries provided
- Low stand-by current assures long battery life
- Add option **-ACH** (alternative channel) on remote control when adding an additional remote/wall control in the same room
- Add option **-BI** (beeper inactive) when wishing to add a silence function to the remote
- Add **PRO-SENSR** (below) when wall control is located outside of patient room or obstructed from remote control's IR signal
- 1 year warranty

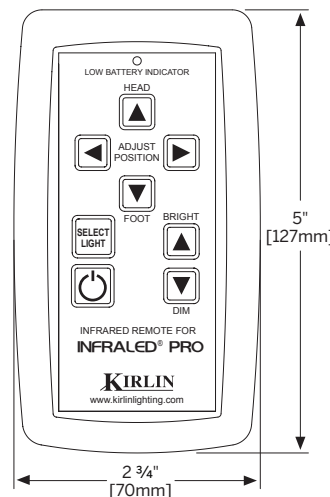
Remote Sensor (PRO-SENSR)

- Optional ceiling mounted infrared sensor enhances signal reception if wall control panel is obstructed
- Each PRO-WALLC supports one PRO-SENSR
- 5 year warranty

Wall Control Panel (PRO-WALLC)



Remote Control (PRO-REMOT)



Ceiling Mounted Infrared Sensor (PRO-SENSR)

