Coolest THING MADE in MICHIGAN 2023 WINNER

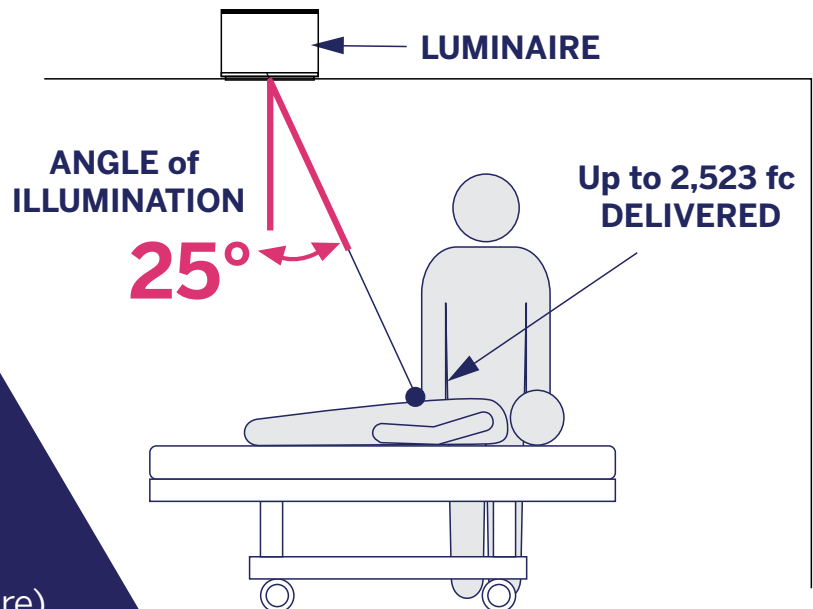**2020 IES PROGRESS Report SELECTION**

Recessed Aimable LED Exam Light for NICU, ICU, & Patient Room

- 25° Tilt, 360° Rotation

- Fully Recessed System

- Ultimate Infection Control

- Cool LED Beams, 95+ CRI

- Wall and Remote Controlled

- Adjustable Direction & Intensity Suitable for Dynamic Environments

- 2,523 fc (27,157 lux) on Task (Single Fixture)

LUMINAIRE

ANGLE of ILLUMINATION

25°

Up to 2,523 fc DELIVERED

INFRALED® PRO

Configurable remote-aimable lighting system for healthcare applications

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

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

35 — **PRO 35/PRO35V**
12" exam light with 35° beam for ICU, Patient Room, ED, & Behavioral

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

Declare.

Kirlin Lighting | 3401 E. Jefferson Ave., Detroit, MI 48207-4232, USA | P: 313.259.6400 | www.kirlinlighting.com

c(UL)us LISTED · Made in the USA · FCC Part 15 Certified

DUE TO CONTINUING PRODUCT IMPROVEMENTS, KIRLIN LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE. VISIT WWW.KIRLINLIGHTING.COM FOR THE MOST CURRENT DATA.

1

Luminaire Specifications (see page 4 for Controls Specifications)

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

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

IP66 rated, sealed and gasketed trim

Perforation-free, rust and corrosion proof aluminum housing (exceeds 1000hr ASTM salt spray test)

- Up to 25° tilt (from nadir)
- Up to 2,523 fc (27,157 lux) on task
- 0-10V CCR 100-1% dimming
- Input voltage: 110 - 277V
- Serviceable through aperture; convenient plug-in components for easy installation and service, including 35' RJ45 cable from fixture to wall control.
- Lightweight 18 lbs; complies with OSHPD seismic requirements with addition of safety wires (by others)
- System wattage 37.5W (per luminaire)
- 5 year warranty

Options and Ordering Format

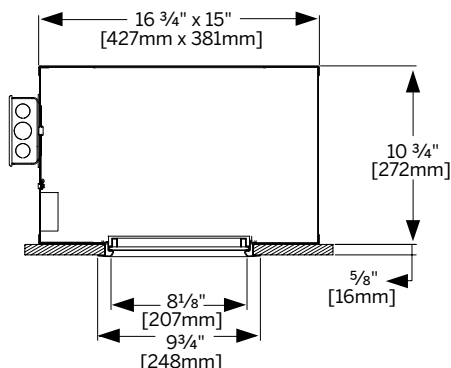| Must Specify		Optional		
Model	**CCT**	**Trim**	**Installation**	**Other Options**
PRO-09025				
	-35K: 3500K, 95+ CRI **-41K:** 4000K, 95+ CRI **-50K:** 5000K, 95+ CRI	**(Blank):** White BioGard™ trim, blue LED indicator **-BKBG:** BioGard anti-microbial black **-94:** Custom color; consult factory **-94BG:** BioGard anti-microbial custom color finish	**(Blank):** Suitable for installation in ceiling tile or sheetrock/drywall ceiling **-85:** Ceiling panel: lays into 2' x 2' grid	**(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

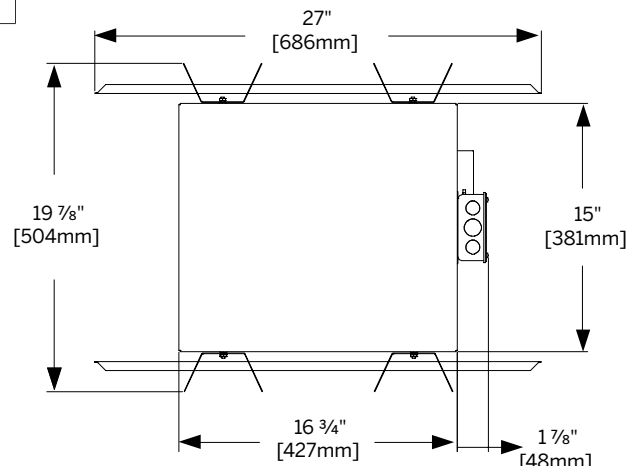| Part		Description	Quantity
PRO-09025-41K		INFRALED® PRO 25 Luminaires	2
PRO-WALLC		INFRALED® PRO Wall Control Panel	1
PRO-REMOT		INFRALED® PRO Remote Control	1
PRO-SENSR		Optional IR Remote Sensor	1

PRO-09 025-41K-XX-XX-XX-XX

- Series
- Aperture Size
- Maximum Tilt (Degrees)
- Color Temperature
- Other Options
- Installation Options
- Trim Options

Dimensions

16 ¾" x 15" [427mm x 381mm]

10 ¾" [272mm]

⅝" [16mm]

8⅛" [207mm]

9¾" [248mm]

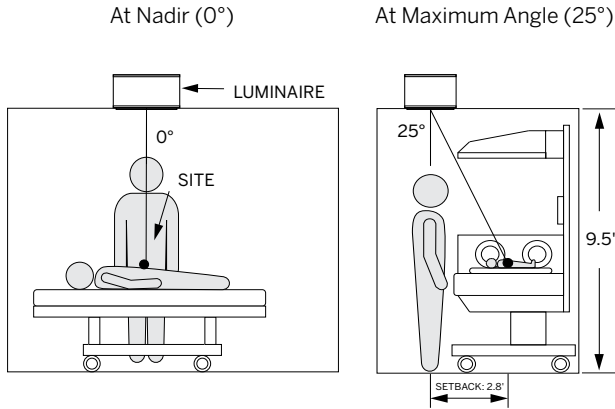27" [686mm]

19 ⅞" [504mm]

15" [381mm]

16 ¾" [427mm]

1 ⅞" [48mm]

Drawing Not to Scale

Kirlin Lighting | 3401 E. Jefferson Ave., Detroit, MI 48207-4232, USA | P: 313.259.6400 | www.kirlinlighting.com
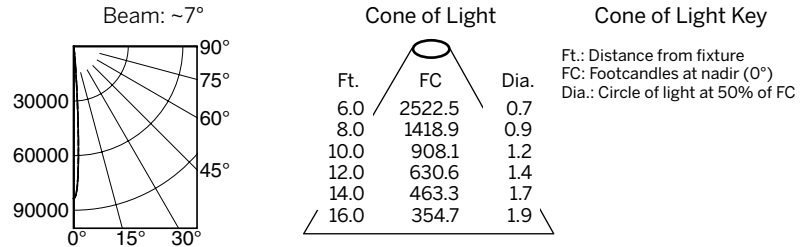
KIRLIN HEALTHCARE LIGHTING

Recessed Aimable LED Exam Light for NICU, ICU, & Patient Room

Single Luminaire Performance

All configuration and performance data assumes ceiling height of 9.5' and task elevation of 3.5'.

At Nadir (0°)

At Maximum Angle (25°)

	Angle	Distance to Task	FC on Task	Lux on Task
Performance at Nadir	0°	6'	2,523	27,157
Performance at Max Angle	25°	6.6'	1,889	20,333

Beam: ~7°

Cone of Light

Ft.	FC	Dia.
6.0	2522.5	0.7
8.0	1418.9	0.9
10.0	908.1	1.2
12.0	630.6	1.4
14.0	463.3	1.7
16.0	354.7	1.9

Cone of Light Key

Ft.: Distance from fixture
FC: Footcandles at nadir (0°)
Dia.: Circle of light at 50% of FC

Photometric testing by I.T.L. (Boulder, CO); Test No. 93353

Two Light Configuration - 4,000+ fc Delivered

Top View

4'
[122cm]

Footcandle Performance

4,334 1,115   101   38
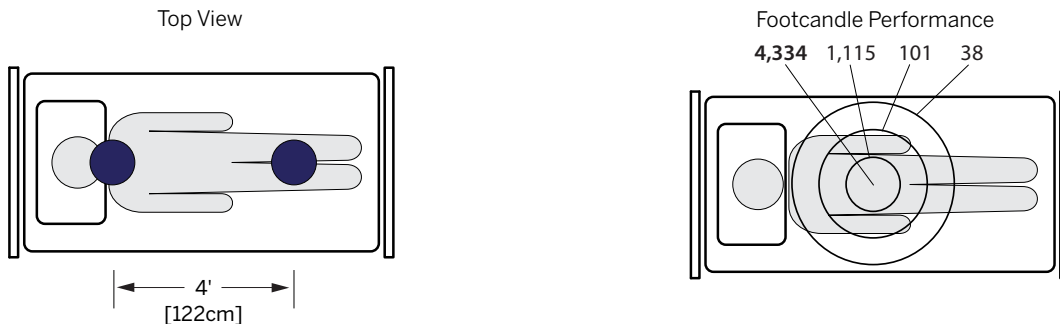
Four Light Configuration - 7,500+ fc Delivered

Top View

4'
[122cm]

Footcandle Performance

7,512 2,450   243   86
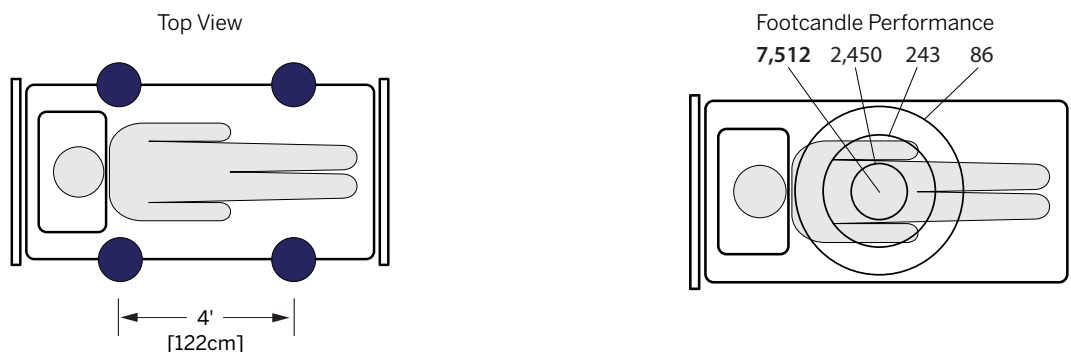
INFRALED® PRO 25 is controlled via wall control panel and optional remote control. Each controller supports up to 4 luminaires from the INFRALED® PRO family. Each wall control panel includes an infrared sensor. An optional ceiling-mounted infrared sensor is also available. All wall controls, remote controls, 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
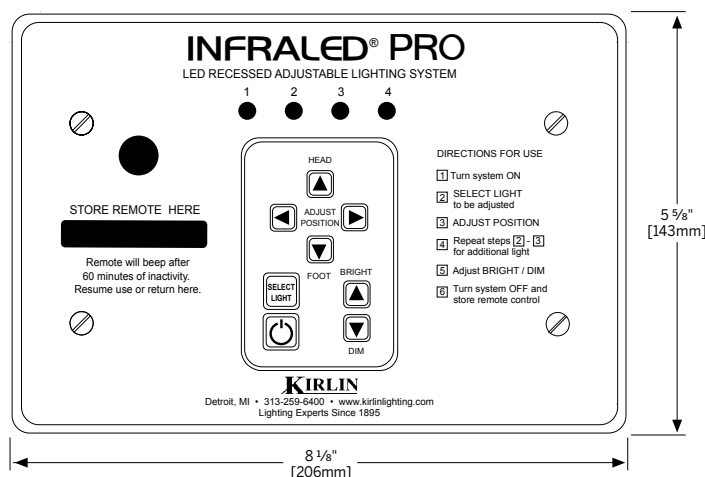- 5 year warranty

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
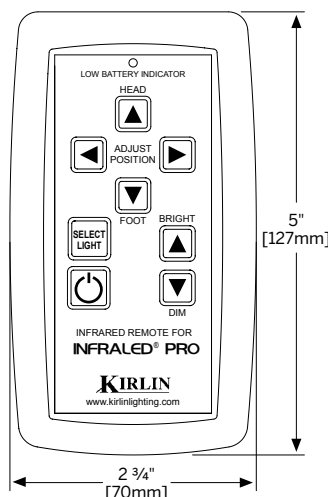- 1 year warranty

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)

Kirlin Lighting | 3401 E. Jefferson Ave., Detroit, MI 48207-4232, USA | P: 313.259.6400 | www.kirlinlighting.com