KIRLIN
HEALTHCARE LIGHTING

INFRALED® PRO 35

Catalog#: **PRO-12035**

Job Name: _____ Type: ___

Lighting Experts Since 1895

Coolest THING MADE IN MICHIGAN — 2023 WINNER
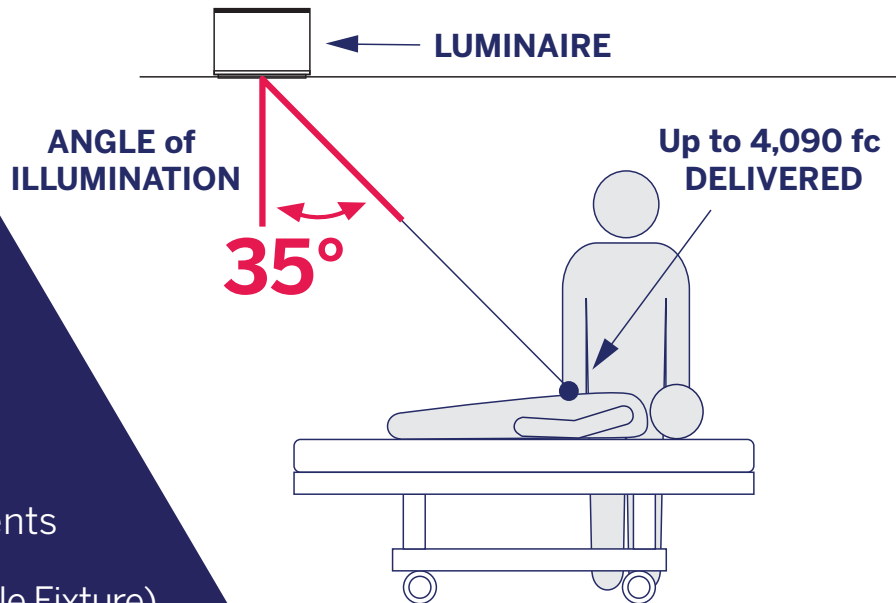
IES PROGRESS Report — 2020 SELECTION

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

- 35° 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

- 4,090 fc (44,024 lux) on Task (Single Fixture)

LUMINAIRE

ANGLE of ILLUMINATION

35°

Up to 4,090 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/PRO 35V
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

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 35° tilt (from nadir)
- Up to 4,090 fc (44,024 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
- Lightweight 18.5 lbs; complies with OSHPD seismic requirements with addition of safety wires (by others)
- System wattage 54.1W (per luminaire)
- 5 year warranty
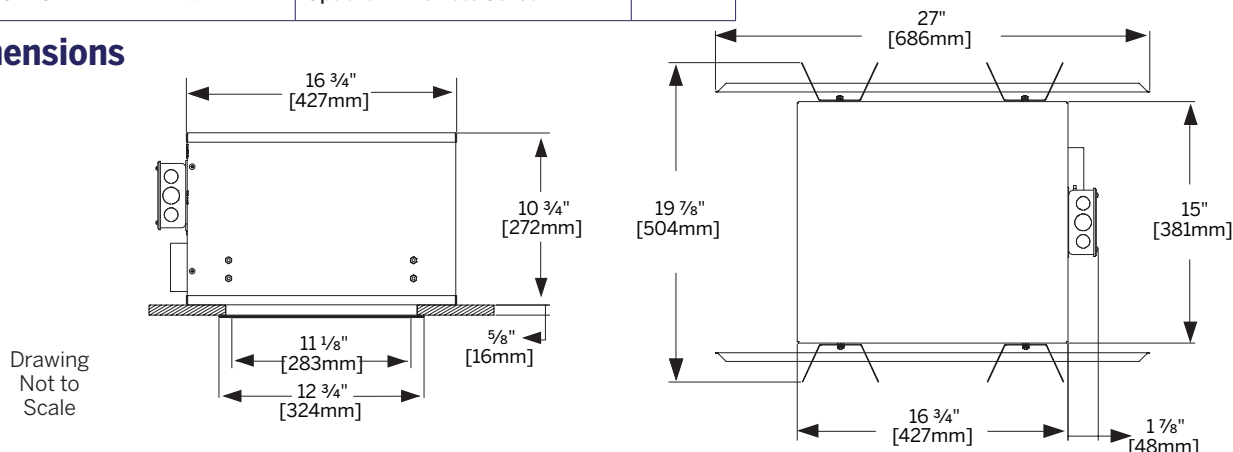
Options and Ordering Format

Must Specify		Optional		
Model	CCT	Trim	Installation	Other Options
PRO-12035				
	-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):** 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-12035-41K		INFRALED® PRO 35 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-12 035-41K-XX-XX-XX-XX

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

Dimensions

16 ¾" [427mm]

10 ¾" [272mm]

11 ⅛" [283mm]

12 ¾" [324mm]

⅝" [16mm]

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
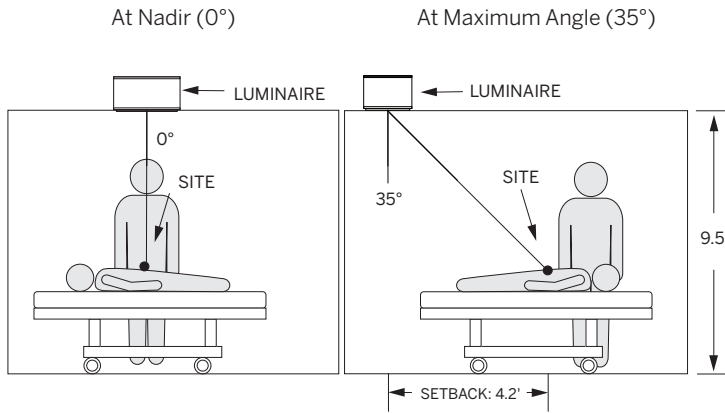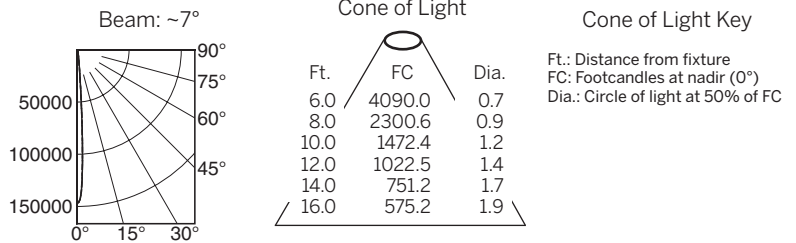
KIRLIN
HEALTHCARE LIGHTING

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

Single Luminaire Performance

All configuration and performance data assumes ceiling height of 9.5' and task elevation of 3.5'.
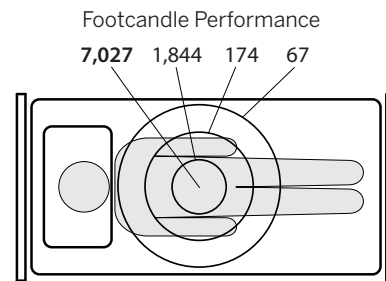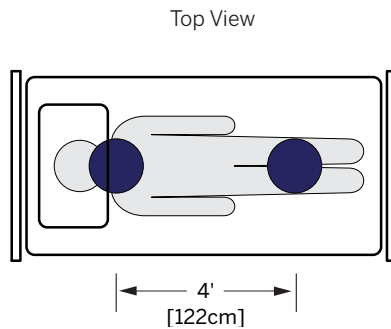
At Nadir (0°)
LUMINAIRE
0°
SITE

At Maximum Angle (35°)
LUMINAIRE
35°
SITE
9.5'
SETBACK: 4.2'

	Angle	Distance to Task	FC on Task	Lux on Task
Performance at Nadir	0°	6'	4,090	44,024
Performance at Max Angle	35°	7.3'	2,263	24,359

Beam: ~7°

90°
75°
60°
45°
50000
100000
150000
0° 15° 30°

Cone of Light

Ft.	FC	Dia.
6.0	4090.0	0.7
8.0	2300.6	0.9
10.0	1472.4	1.2
12.0	1022.5	1.4
14.0	751.2	1.7
16.0	575.2	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. 93350

Two Light Configuration - 7,000+ fc Delivered

Top View
4'
[122cm]

Footcandle Performance
7,027 1,844 174 67

Four Light Configuration - 12,000+ fc Delivered

Top View
4'
[122cm]

Footcandle Performance
12,182 3,974 407 146

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INFRALED PRO
JUNE 2023

c UL us LISTED   Made in the USA   FCC Part 15 Certified
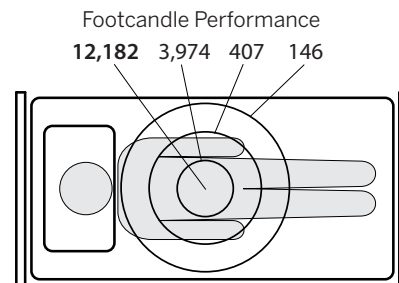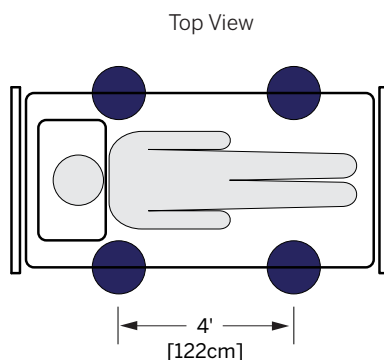
INFRALED® PRO 35 is controlled via wall control panel and optional remote control. Each controller supports up to 4 luminaires from the INFRALED® PRO family. Each wall control panel includes an infrared sensor. An optional ceiling-mounted infrared sensor is also available. All wall controls, remote controls, 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
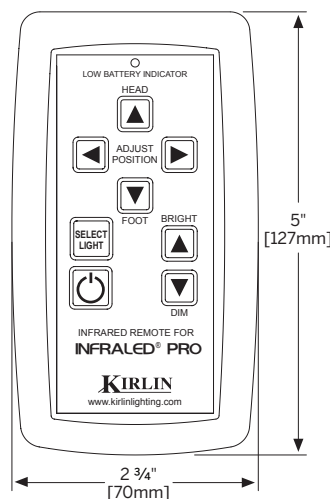- 1 year warranty

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)
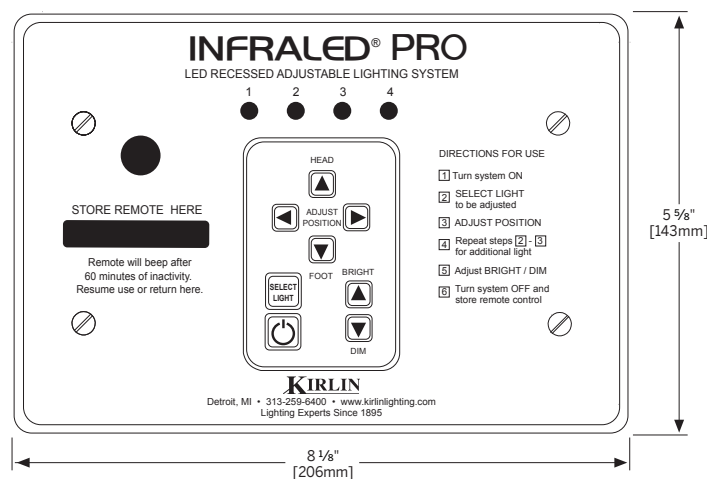
Remote Control (PRO-REMOT)

Ceiling Mounted Infrared Sensor (PRO-SENSR)

FCC Part 15 Certified • Made in the USA • c UL us LISTED