



INFRALED[®] PRO

Recessed Motorized Patient Lighting System

OWNER'S MANUAL & INSTALLATION GUIDE FOR THE INFRALED[®] PRO SERIES

PRO 60



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

PRO 45



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

PRO 35



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

PRO 25



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

INFRALED® PRO

Recessed Motorized Patient Lighting System

OWNER'S MANUAL & INSTALLATION GUIDE

INFRALED® PRO 60:	Page 3
• SYSTEMS & COMPONENTS	4
• LUMINAIRE PLACEMENT & PERFORMANCE	5
• INSTALLATION - LAY-IN CEILING MOUNTING	6
• INSTALLATION - HARD CEILING MOUNTING	7
• ELECTRO-MECHANICAL WIRING DIAGRAM	8
INFRALED® PRO 45:	9
• SYSTEMS & COMPONENTS	10
• LUMINAIRE PLACEMENT & PERFORMANCE	11
• INSTALLATION - LAY-IN CEILING MOUNTING	12
• INSTALLATION - HARD CEILING	13
• ELECTRO-MECHANICAL WIRING DIAGRAM	14
INFRALED® PRO 35:	15
• SYSTEMS & COMPONENTS	16
• LUMINAIRE PLACEMENT & PERFORMANCE	17
• INSTALLATION - LAY-IN CEILING MOUNTING	18
• INSTALLATION - HARD CEILING MOUNTING	19
• ELECTRO-MECHANICAL WIRING DIAGRAM	20
INFRALED® PRO 25:	21
• SYSTEMS & COMPONENTS	22
• LUMINAIRE PLACEMENT & PERFORMANCE	23
• INSTALLATION - LAY-IN CEILING MOUNTING	24
• INSTALLATION - HARD CEILING MOUNTING	25
• ELECTRO-MECHANICAL WIRING DIAGRAM	26
WALL CONTROL & REMOTE:	27
• SYSTEMS & COMPONENTS	28
• INSTALLATION: CABLES	29
• INSTALLATION: WALL CONTROL BACK BOX	29
• DIRECTIONAL RECONFIGURATION	29
• WIRING: REMOTE SENSOR (PRO-SENSR)	30
• CUT OUT INFORMATION: REMOTE SENSOR (PRO-SENSR)	30
FIELD SERVICE & MAINTENANCE GUIDE	
• MAINTENANCE GUIDE	30

DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE





INFRALED[®] PRO

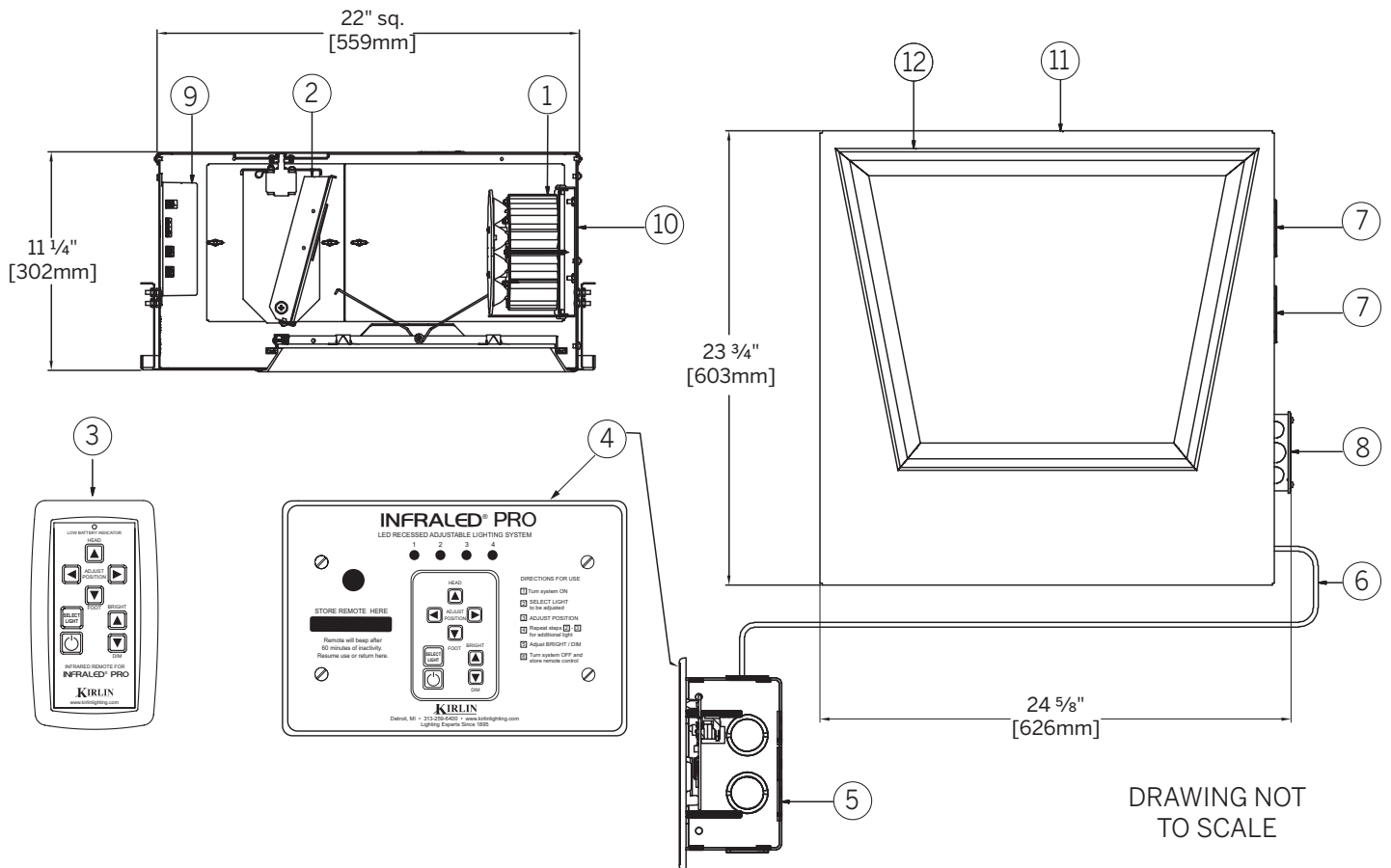
Recessed Motorized Patient Lighting System

OWNER'S MANUAL & INSTALLATION GUIDE FOR INFRALED[®] PRO 60



PRO-17060



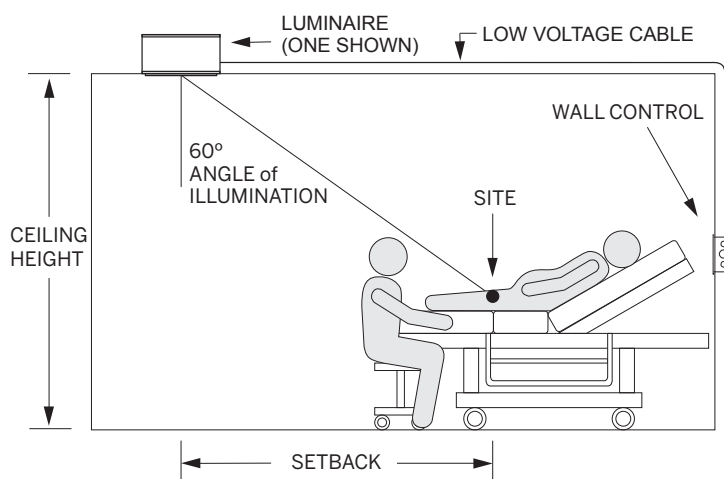


INFRALED® PRO 60: LUMINAIRE PLACEMENT & PERFORMANCE

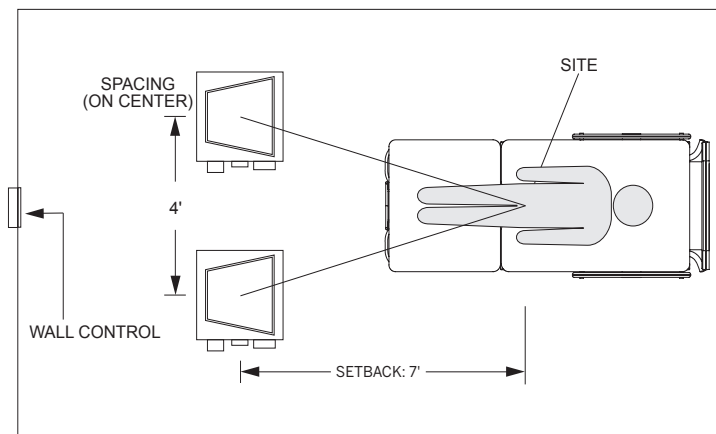
Recommendations for Typical Installation:

- 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.

Typical Side View - 8' Ceiling Height



Typical Top View - 8' Ceiling Height



Sitting Practitioners
4' Spacing • 3' Work Plane • 53° Angle of Illumination

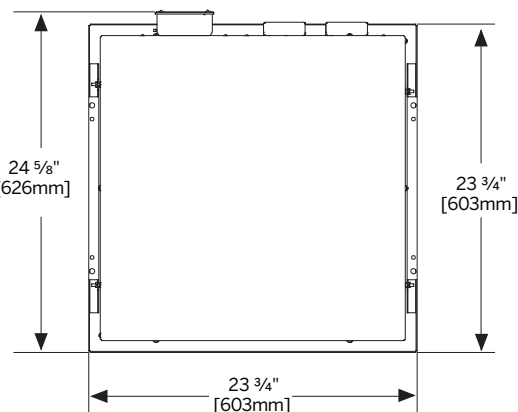
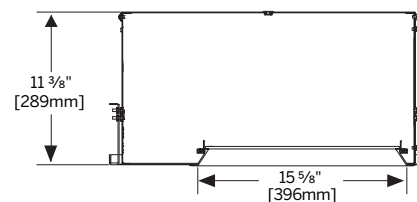
Recommended Fixture Setback / Location with Angle of Illumination and Light Levels

Sitting Practitioners

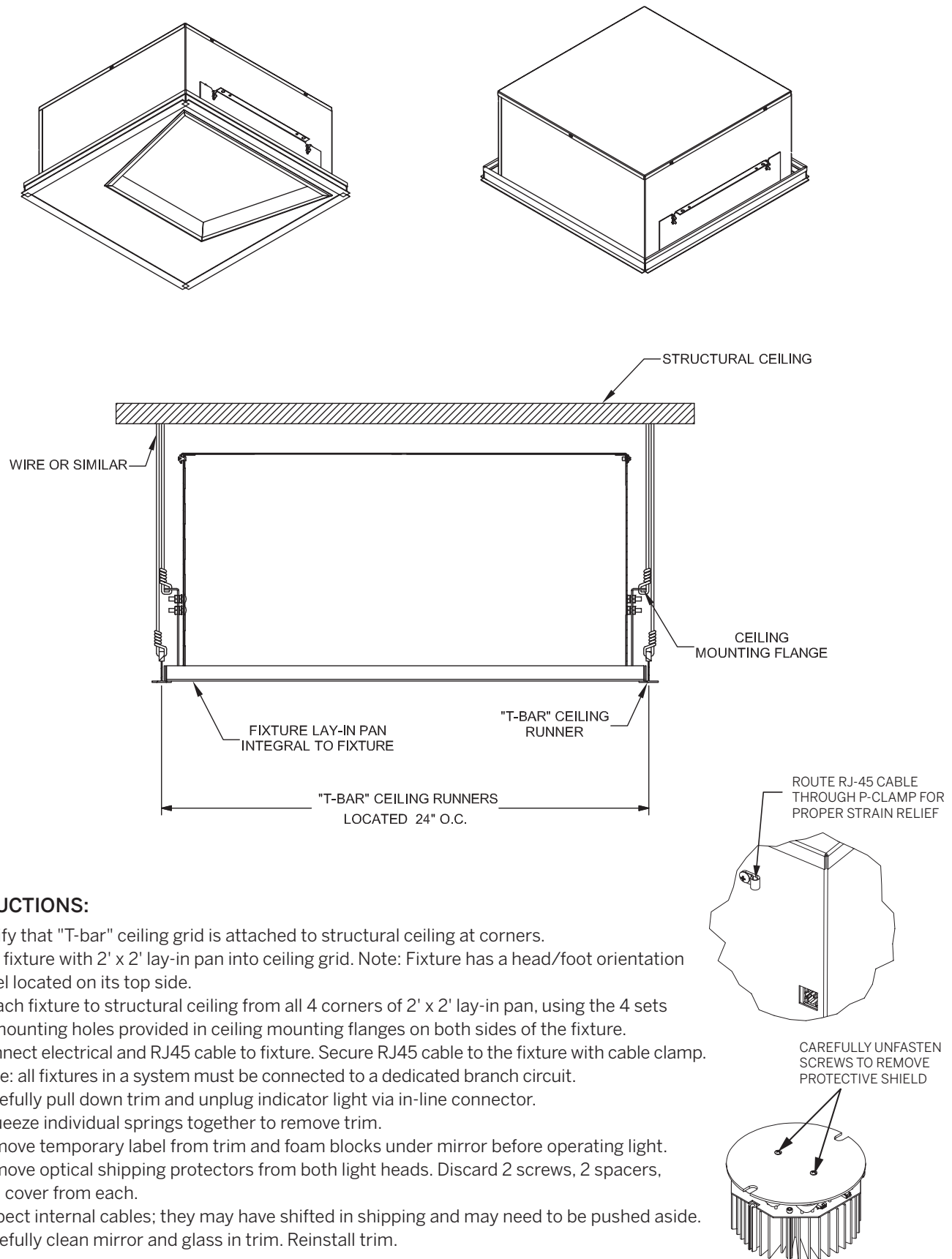
Ceiling Height	Setback from Break in Bed	Angle of Illumination	Footcandles on Task	Lux on Task
8'	7'	58.4°	5,857	63,044
	6'	54.7°	7,030	75,670
8.5'	8'	55.5°	4,665	50,214
	7'	51.8°	5,511	59,320
9'	8'	56.4°	4,426	47,641
	7'	53.0°	5,164	55,585
9.5'	9'	54.2°	3,408	36,683
	8'	50.9°	4,184	45,036

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

Dimensions



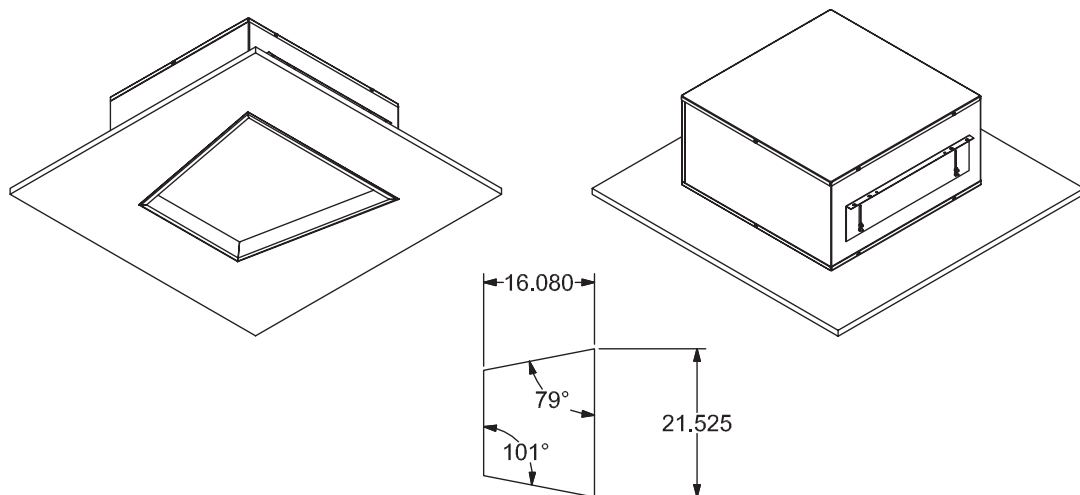
INFRALED® PRO 60: INSTALLATION - LAY-IN CEILING MOUNTING



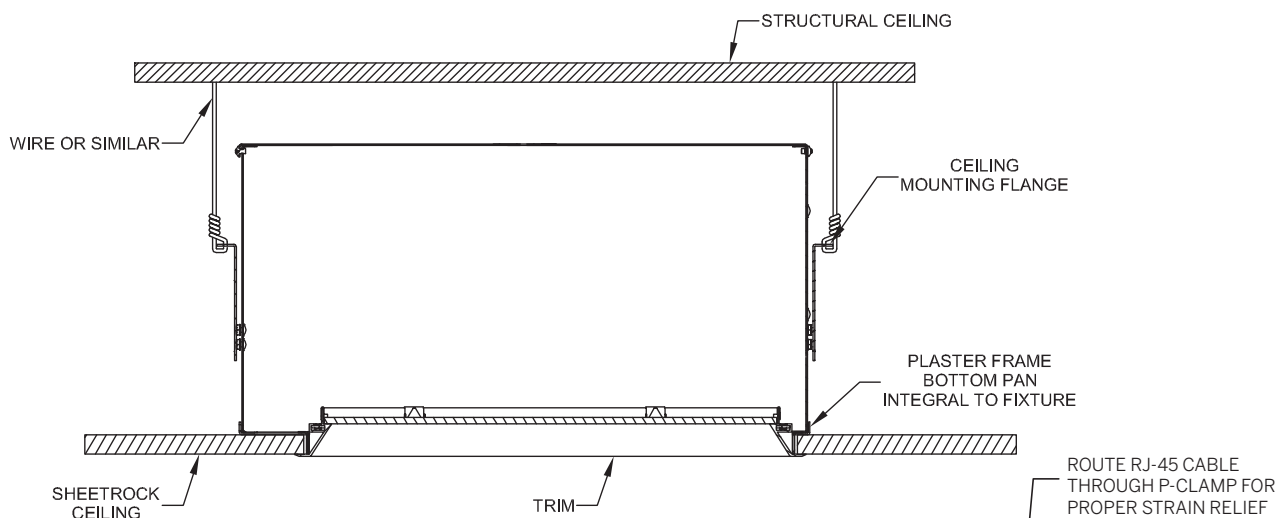
INSTRUCTIONS:

1. Verify that "T-bar" ceiling grid is attached to structural ceiling at corners.
2. Lay fixture with 2' x 2' lay-in pan into ceiling grid. Note: Fixture has a head/foot orientation label located on its top side.
3. Attach fixture to structural ceiling from all 4 corners of 2' x 2' lay-in pan, using the 4 sets of mounting holes provided in ceiling mounting flanges on both sides of the fixture.
4. Connect electrical and RJ45 cable to fixture. Secure RJ45 cable to the fixture with cable clamp. Note: all fixtures in a system must be connected to a dedicated branch circuit.
5. Carefully pull down trim and unplug indicator light via in-line connector.
6. Squeeze individual springs together to remove trim.
7. Remove temporary label from trim and foam blocks under mirror before operating light.
8. Remove optical shipping protectors from both light heads. Discard 2 screws, 2 spacers, and cover from each.
9. Inspect internal cables; they may have shifted in shipping and may need to be pushed aside.
10. Carefully clean mirror and glass in trim. Reinstall trim.

INFRALED® PRO 60: INSTALLATION - HARD CEILING MOUNTING (- 47 OPTION)

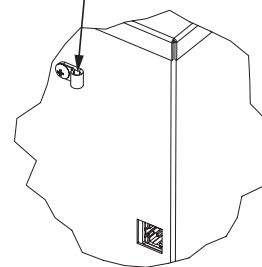


**RECOMMENDED CUT-OUT PATTERN
FOR PRO-17060**

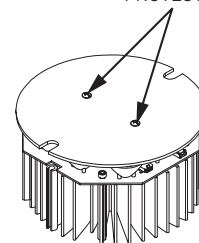


INSTRUCTIONS:

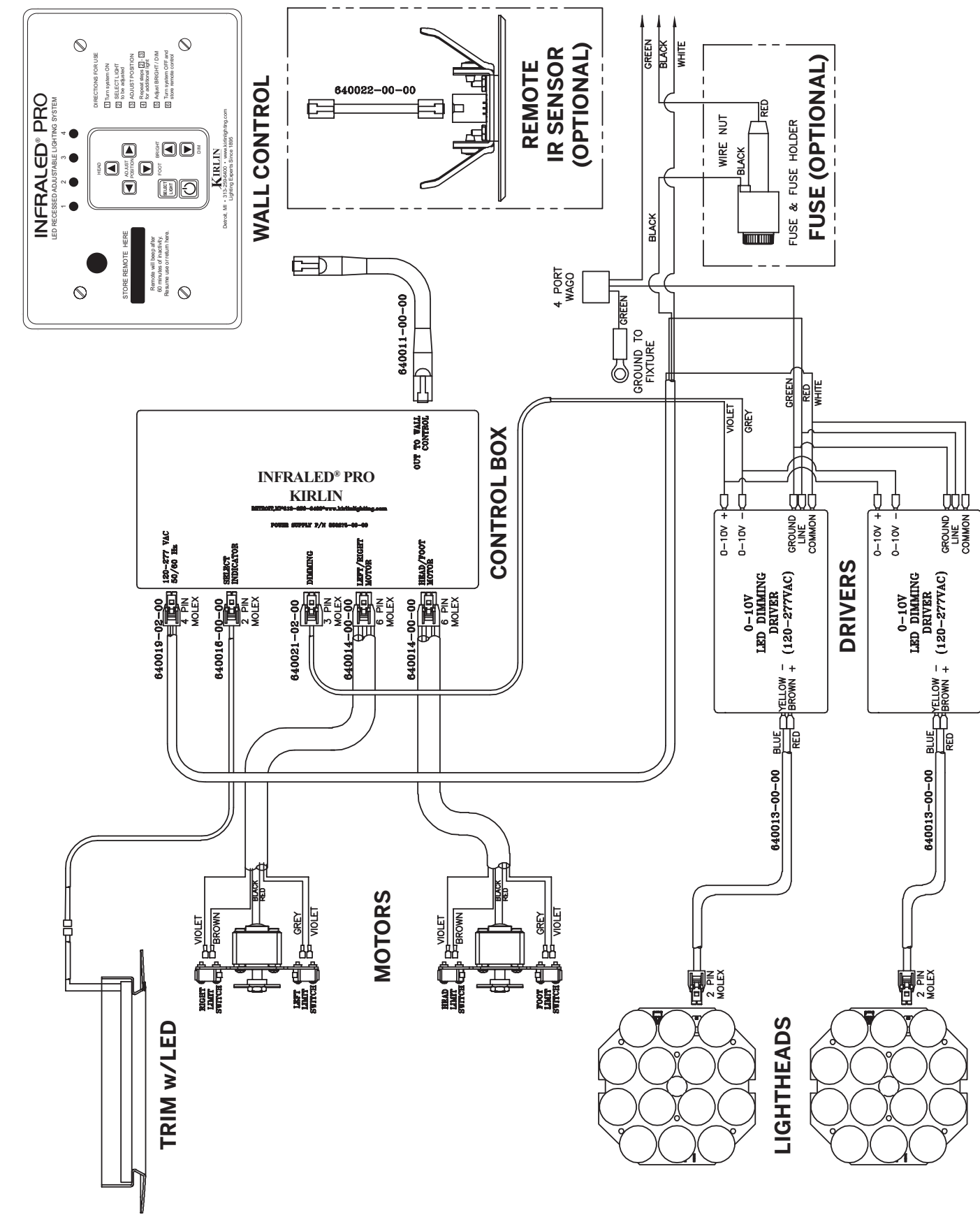
1. Attach fixture to structural ceiling from all four corners, using the 4 sets of mounting holes provided in ceiling mounting flanges on both sides of the fixture. Note: Fixture has a head/foot orientation label located on its top side.
2. Connect electrical & RJ45 cable to fixture. Secure RJ45 cable to the fixture with cable clamp. Note: all fixtures in a system must be connected to a dedicated branch circuit.
3. Carefully pull down trim and unplug indicator light via in-line connector.
4. Squeeze individual springs together to remove trim.
5. Remove temporary label from trim and foam blocks under mirror before operating light.
6. Remove optical shipping protectors from both light heads. Discard 2 screws, 2 spacers, and cover from each.
7. Inspect internal cables; they may have shifted in shipping and may need to be pushed aside.
8. Install hard ceiling.
9. Carefully clean mirror and glass in trim. Reinstall trim.



CAREFULLY UNFASTEN
SCREWS TO REMOVE
PROTECTIVE SHIELD



INFRALED® PRO 60: ELECTRO-MECHANICAL WIRING DIAGRAM





INFRALED[®] PRO

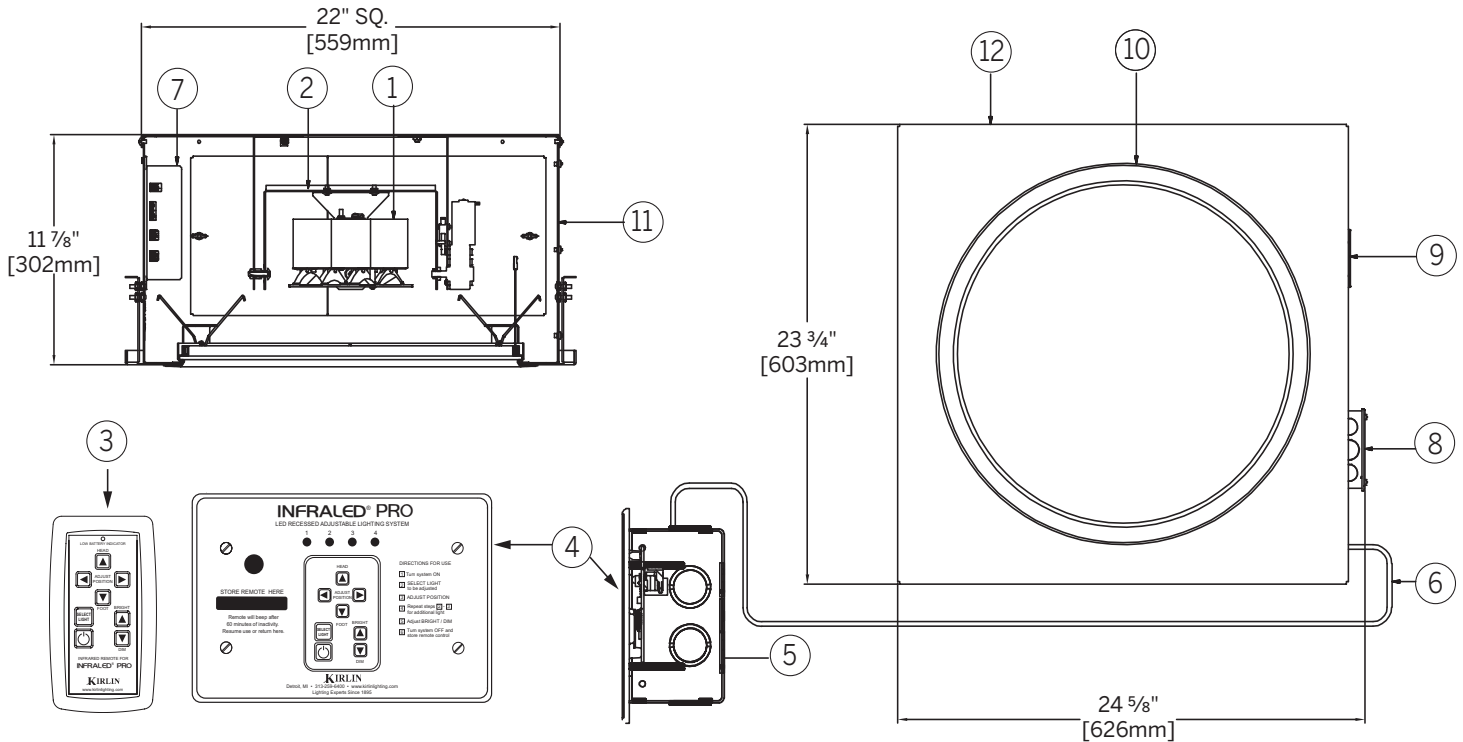
Recessed Motorized Patient Lighting System

OWNER'S MANUAL & INSTALLATION GUIDE FOR INFRALED[®] PRO 45



PRO-19045

INFRALED® PRO 45: SYSTEM & COMPONENTS



DRAWING NOT
TO SCALE

Features PER Luminaire:

LED Module ①

- Up to 3000 delivered lumens, 55 system watts (per luminaire).
- 3500°K. 95+ CRI. High R9 value of 85.
- 60,000 hour long life (L70).

Motors / Gimbal Assembly ②

- Two 12 volt permanently lubricated DC motors control motion. Quiet operation.
- Tilts up to 45° from nadir in all directions.
- Plug-in modular electronics designed for easy maintenance through removable trim assembly.

Remote Control (sold separately: see page 28) ③

Wall Control (sold separately: see page 28) ④

- UL listed back box ⑤ provided with wall control. Must be used for proper fit of electronics.

Plenum Rated Cable ⑥

- Each luminaire provided with:
 - 35' plenum rated control cable with RJ-45 connectors for connection to wall control.
- For longer cable length, see Option -87.

Motion and Dimming Controller ⑦

Junction Box (luminaire) ⑧

- Prewired 14 GA (NEC) galvanized steel, UL listed.
- 1/2" and 3/4" knockouts.

LED Power Supplies (not shown) ⑨

- 120-277V 50/60 Hz standard. Load insensitive.
- 0-10V dimming (100-1%).
- -20°C (-4°F) to 50°C (122°F).

Trim Assembly ⑩

- White regressed self-flanged flare with Kirlin BioGard™ anti-microbial finish.
- 19" diameter. Smooth surface.
- Regressed tempered clear flat glass lens.

Housing ⑪ and 2x2 Lay-In Pan ⑫

- Acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through branch circuit conductors. (6#12)

FCC Compliance

- FCC Part 15 certified for EMI/RFI emissions.

Warranty

- Complete standard fixture and wall control, five years.
- Remote control, one year.

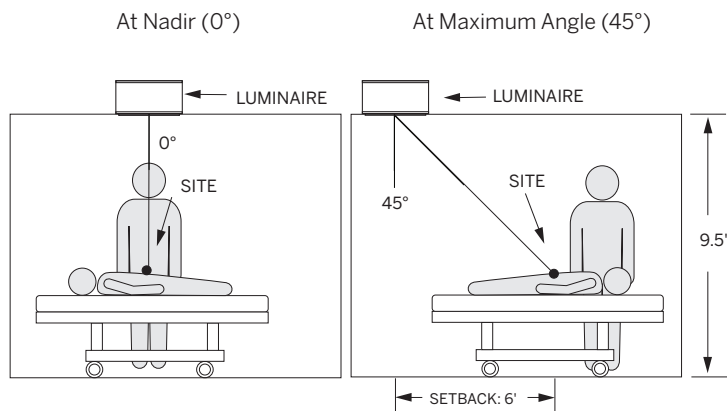
Weight

- 32.0 lbs. (not including boxes).
- No seismic super structure needed (See State of California OSHPD).

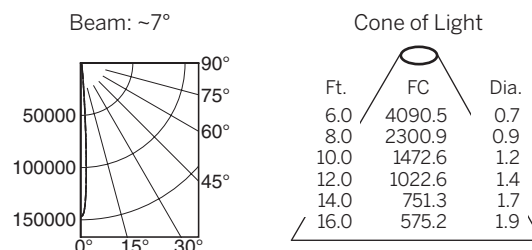
PER SINGLE LUMINAIRE OPERATING CURRENT .70A MAXIMUM DRAW .80A AT 120 VOLT LINE INPUT

INFRALED® PRO 45: LUMINAIRE PLACEMENT & PERFORMANCE

Single Luminaire Performance



	Angle	Distance to Task	FC on Task	Lux on Task
Performance at Nadir	0°	6'	4,091	44,035
Performance at Max Angle	45°	8.5'	1,457	15,683



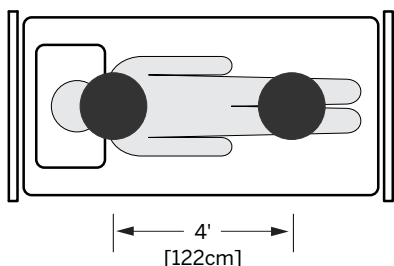
Photometric testing by I.T.L. (Boulder, CO); Test No. 93355

Cone of Light Key

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

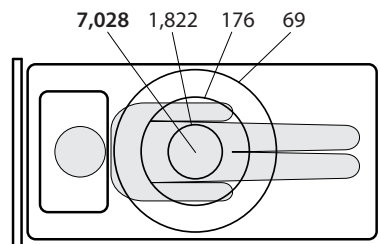
Sample Two Light Configuration

Top View



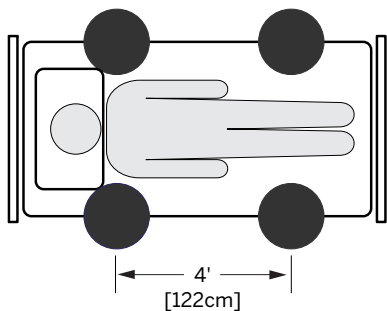
For Optimal Performance, fixtures should be placed 4' apart.

Footcandle Performance



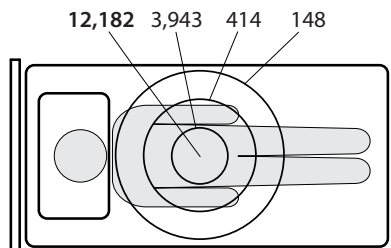
Sample Four Light Configuration

Top View



For Optimal Performance, fixtures should be placed 4' apart.

Footcandle Performance



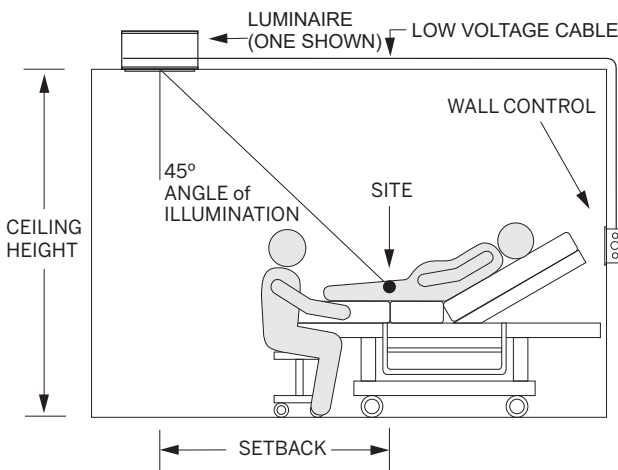
INFRALED® PRO 45: LUMINAIRE PLACEMENT & PERFORMANCE

Labor and Delivery Configuration & Setback Recommendations

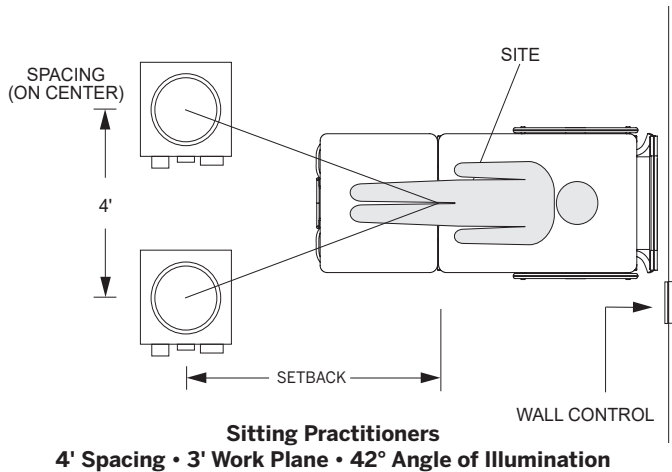
Recommendations for Typical Installation:

- 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 3.5' setback recommended).
- Optimally, fixtures are placed 4' apart (on center) with angle of illumination typically between 40°-45° for sitting practitioners. 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.

Typical Side View - 8' Ceiling Height



Typical Top View - 8' Ceiling Height



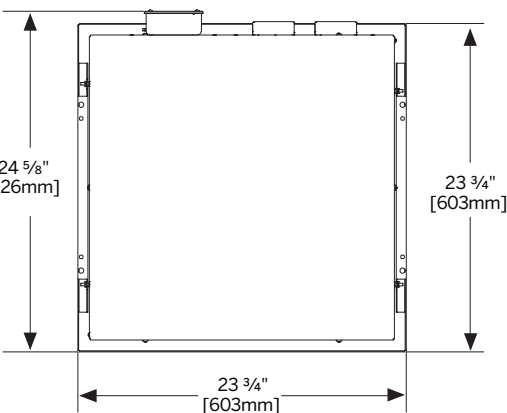
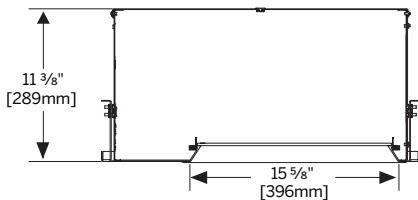
Sitting Practitioners
4' Spacing • 3' Work Plane • 42° Angle of Illumination

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

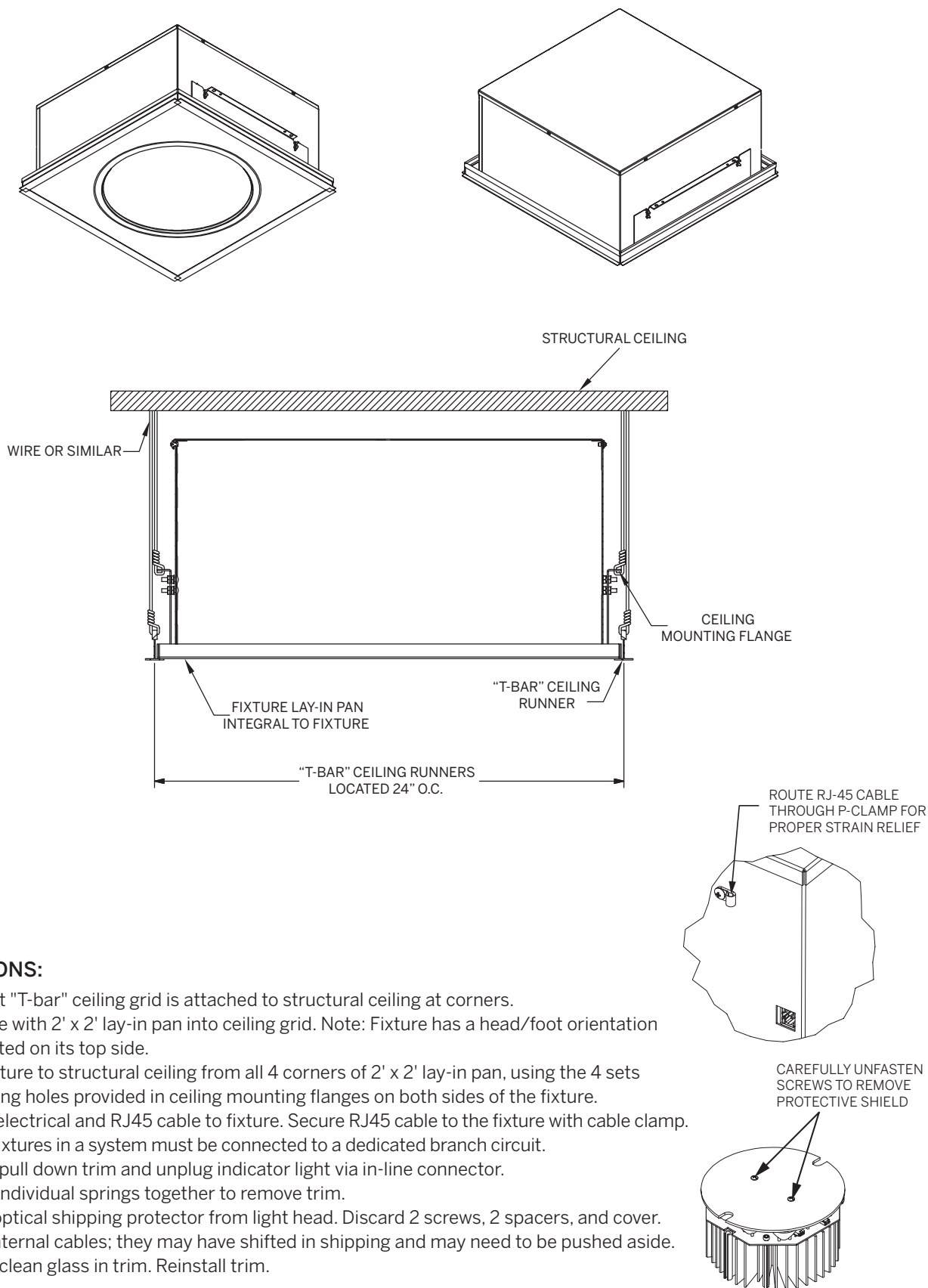
Ceiling Height	Setback from Break in Bed	Angle of Illumination	Footcandles on Task	Lux on Task
8'	4'	42.4°	6,375	68,620
	3.5'	39.4°	6,926	74,551
8.5'	4.5'	42.4°	5,298	57,027
	4'	39.6°	5,734	61,720
9'	5'	42.4°	4,465	48,061
	4.5'	39.9°	4,810	51,774
9.5'	5.5'	42.4°	3,809	41,000
	5'	40.1°	4,085	43,971

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

Dimensions



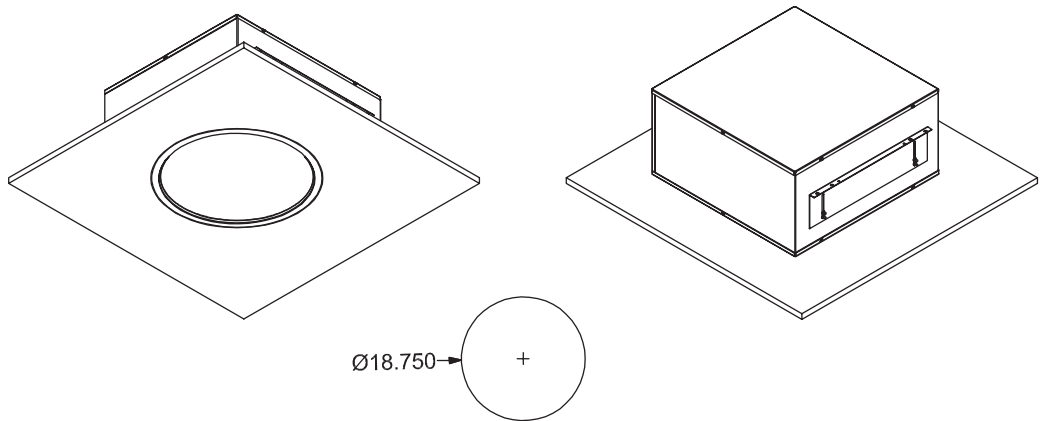
INFRALED® PRO 45: INSTALLATION - LAY-IN CEILING MOUNTING



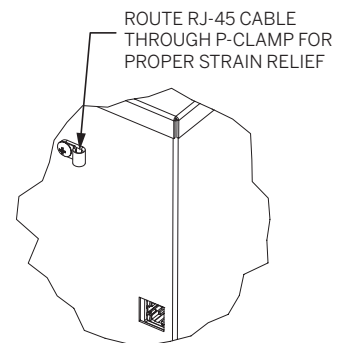
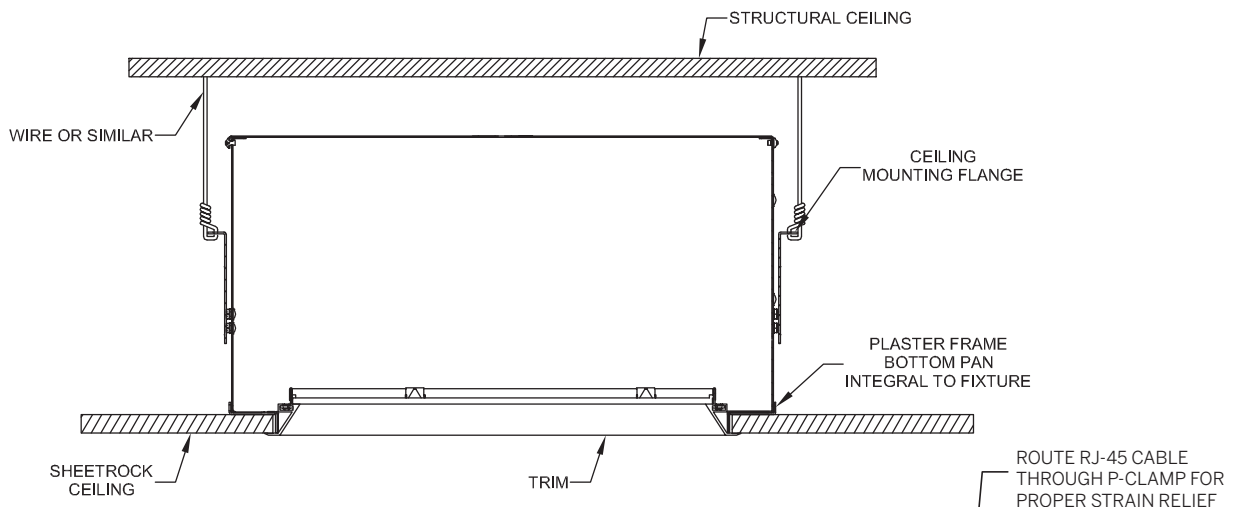
INSTRUCTIONS:

1. Verify that "T-bar" ceiling grid is attached to structural ceiling at corners.
2. Lay fixture with 2' x 2' lay-in pan into ceiling grid. Note: Fixture has a head/foot orientation label located on its top side.
3. Attach fixture to structural ceiling from all 4 corners of 2' x 2' lay-in pan, using the 4 sets of mounting holes provided in ceiling mounting flanges on both sides of the fixture.
4. Connect electrical and RJ45 cable to fixture. Secure RJ45 cable to the fixture with cable clamp. Note: all fixtures in a system must be connected to a dedicated branch circuit.
5. Carefully pull down trim and unplug indicator light via in-line connector.
6. Squeeze individual springs together to remove trim.
7. Remove optical shipping protector from light head. Discard 2 screws, 2 spacers, and cover.
8. Inspect internal cables; they may have shifted in shipping and may need to be pushed aside.
9. Carefully clean glass in trim. Reinstall trim.

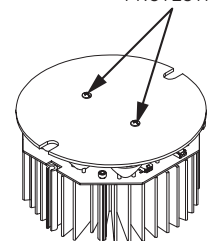
INFRALED® PRO 45: INSTALLATION - HARD CEILING MOUNTING (- 47 OPTION)



**RECOMMENDED CUT-OUT PATTERN
FOR PRO-19045**



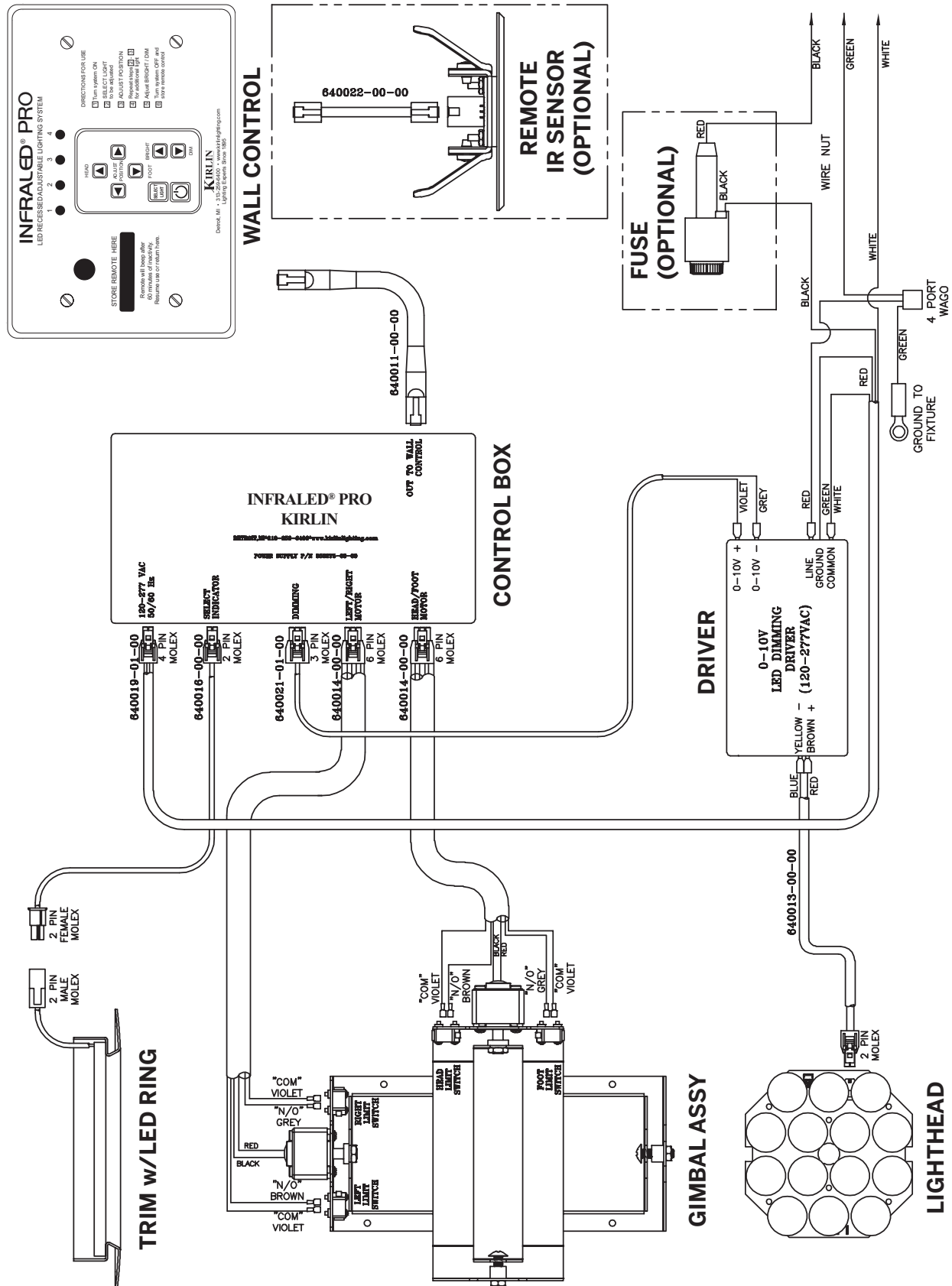
CAREFULLY UNFASTEN
SCREWS TO REMOVE
PROTECTIVE SHIELD



INSTRUCTIONS:

1. Attach fixture to structural ceiling from all four corners, using the 4 sets of mounting holes provided in ceiling mounting flanges on both sides of the fixture. Note: Fixture has a head/foot orientation label located on its top side.
2. Connect electrical & RJ45 cable to fixture. Secure RJ45 cable to the fixture with cable clamp. Note: all fixtures in a system must be connected to a dedicated branch circuit.
3. Carefully pull down trim and unplug indicator light via in-line connector.
4. Squeeze individual springs together to remove trim.
5. Remove optical shipping protector from light head. Discard 2 screws, 2 spacers, and cover.
6. Inspect internal cables; they may have shifted in shipping and may need to be pushed aside.
7. Install hard ceiling.
8. Carefully clean glass in trim. Reinstall trim.

INFRALED® PRO 45: ELECTRO-MECHANICAL WIRING DIAGRAM





INFRALED[®] PRO

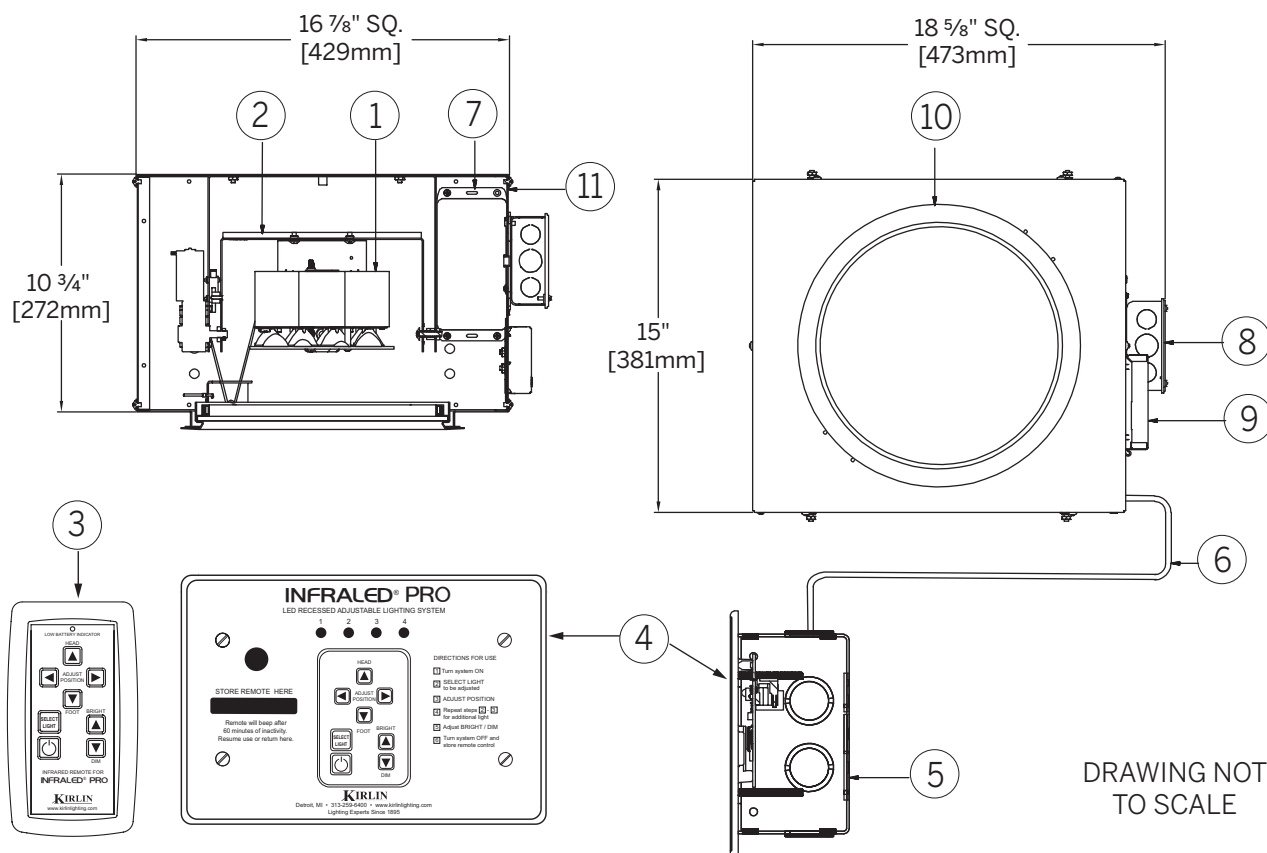
Recessed Motorized Patient Lighting System

OWNER'S MANUAL & INSTALLATION GUIDE FOR INFRALED[®] PRO 35



PRO-12035

INFRALED® PRO 35: SYSTEM & COMPONENTS



Features PER Luminaire:

LED Module ①

- Up to 3000 delivered lumens, 55 system watts (per luminaire).
- 3500°K. 95+ CRI. High R9 value of 85.
- 60,000 hour long life (L70).

Motors / Gimbal Assembly ②

- Two 12 volt permanently lubricated DC motors control motion. Quiet operation.
- Rotates 360° and tilts up to 35° from nadir.
- Plug-in modular electronics designed for easy maintenance through removable trim assembly.

Remote Control (sold separately: see page 28) ③

Wall Control (sold separately: see page 28) ④

- UL listed back box ⑤ provided with wall control. Must be used for proper fit of electronics.

Plenum Rated Cable ⑥

- Each luminaire provided with:
- 35' plenum rated control cable with RJ-45 connectors for connection to wall control.
- For longer cable length, see Option -87.

Motion and Dimming Controller ⑦

Junction Box (luminaire) ⑧

- Prewired 14 GA (NEC) galvanized steel, UL listed.
- 1/2" and 3/4" knockouts.

LED Power Supplies (not shown) ⑨

- 120-277V 50/60 Hz standard. Load insensitive.
- 0-10V dimming (100-10%).
- -20°C (-4°F) to 50°C (122°F).

Trim Assembly ⑩

- White regressed self-flanged flare with Kirlin BioGard™ anti-microbial finish.
- 12" diameter. Smooth surface.
- Regressed tempered clear flat glass lens.

Housing ⑪

- Acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.
- Built-in plaster frame.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through branch circuit conductors. (6#12)

FCC Compliance

- FCC Part 15 certified for EMI/RFI emissions.

Warranty

- Complete standard fixture and wall control, five years.
- Remote control, one year.

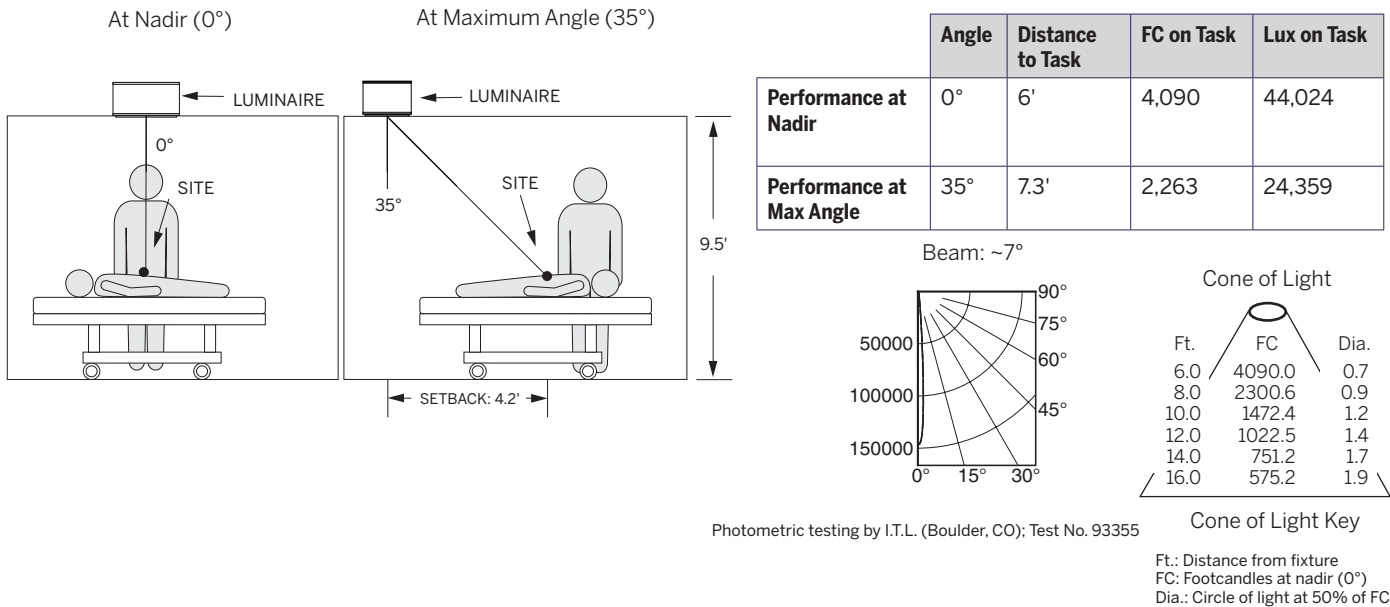
Weight

- 18.5 lbs. (not including boxes).
- No seismic super structure needed (See State of California OSHPD).

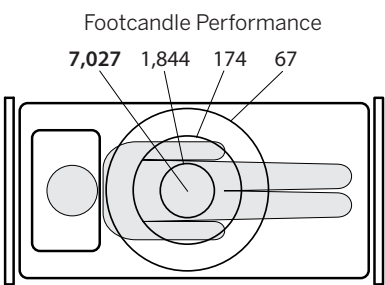
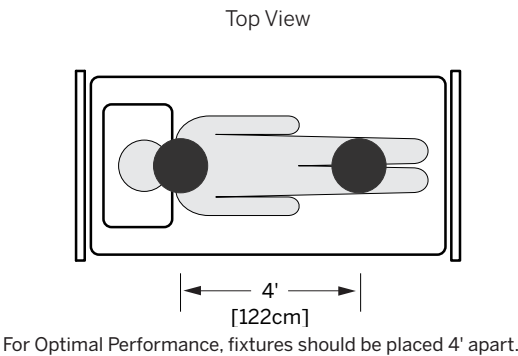
PER SINGLE LUMINAIRE OPERATING CURRENT .70A MAXIMUM DRAW .80A AT 120 VOLT LINE INPUT

INFRALED® PRO 35: LUMINAIRE PLACEMENT & PERFORMANCE

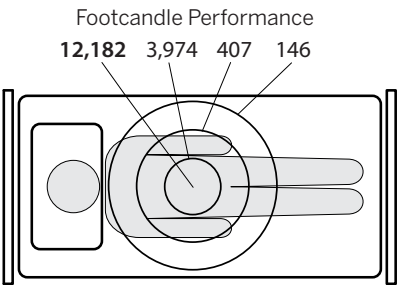
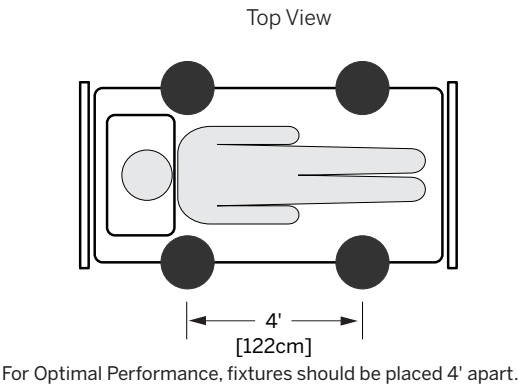
Single Luminaire Performance



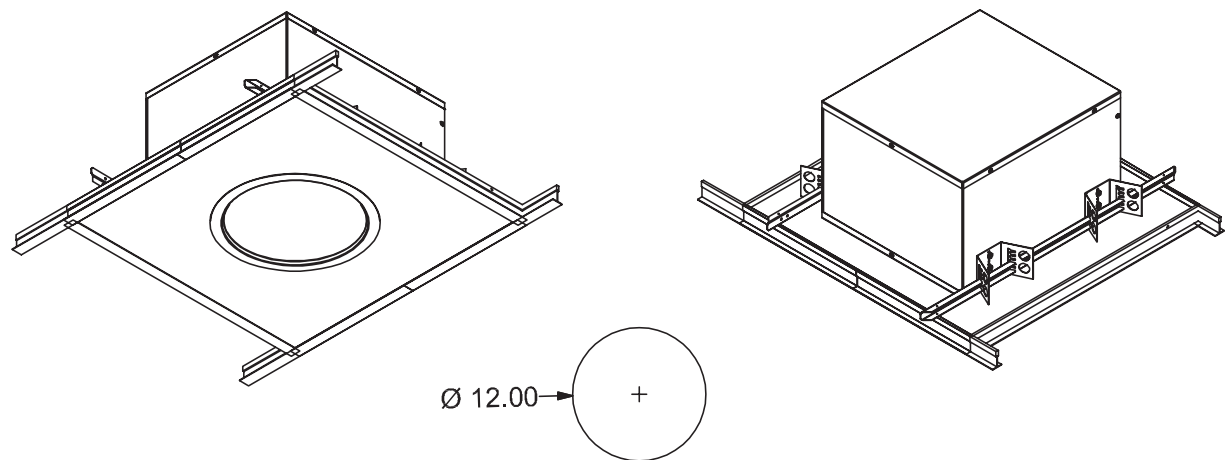
Sample Two Light Configuration



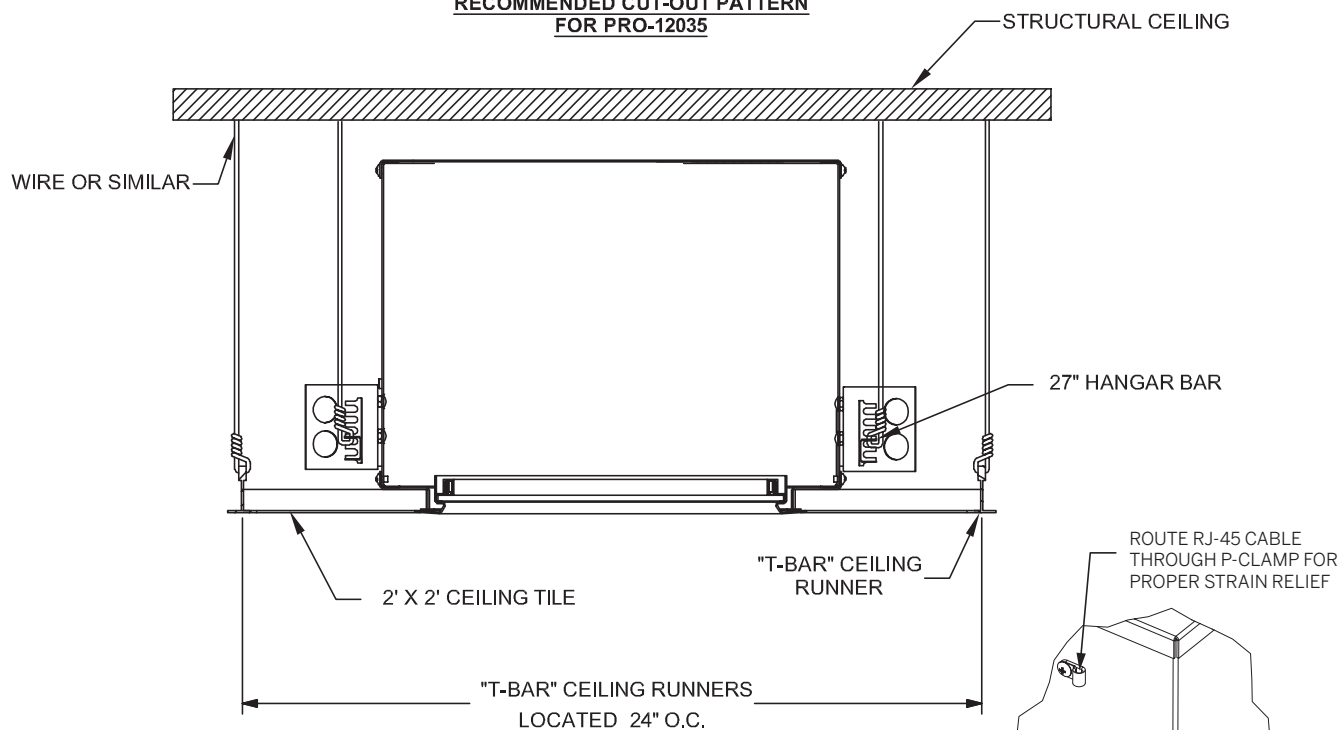
Sample Four Light Configuration



INFRALED® PRO 35: INSTALLATION - LAY-IN CEILING MOUNTING

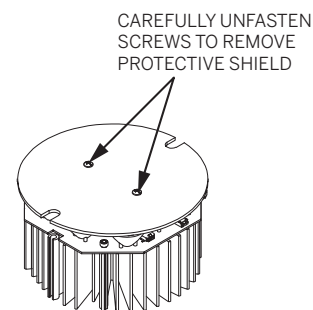
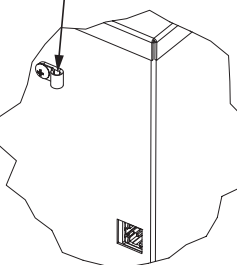


**RECOMMENDED CUT-OUT PATTERN
FOR PRO-12035**

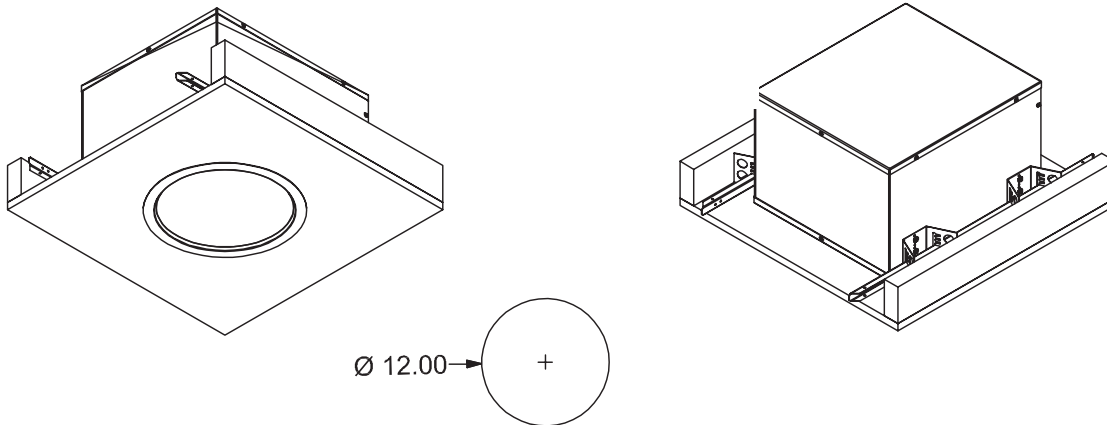


INSTRUCTIONS:

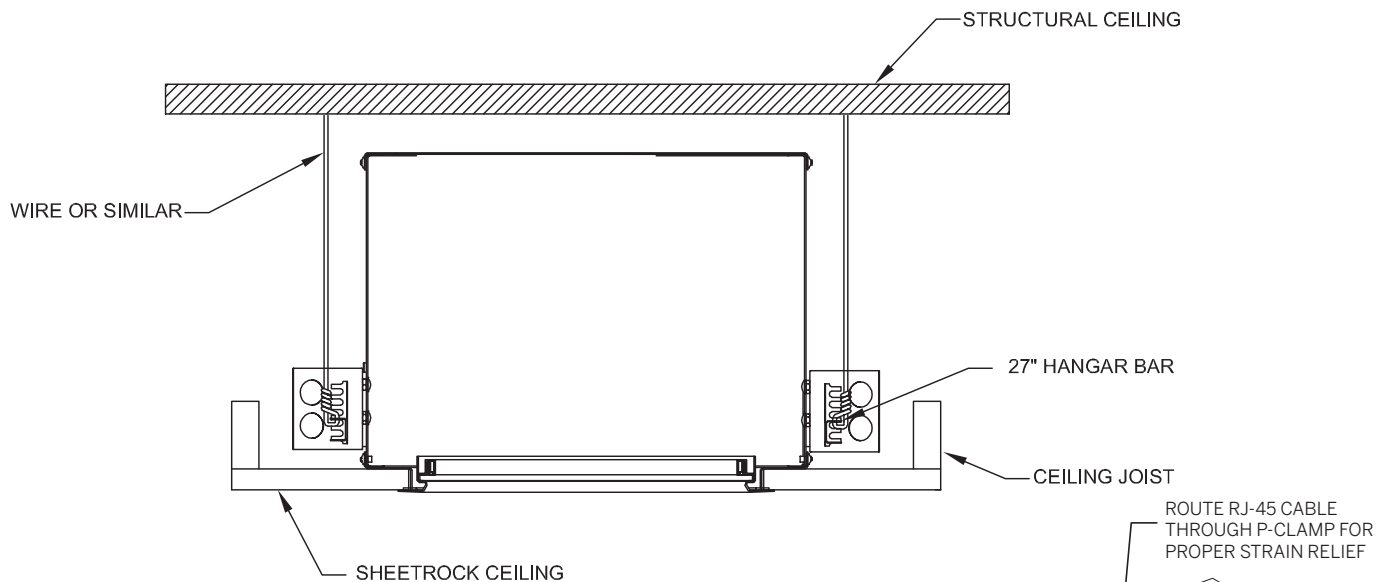
1. Verify that "T-bar" ceiling grid is attached to structural ceiling at corners.
2. Lay fixture into ceiling tile with cut-out. Note: Fixture has a head/foot orientation label located on its top side.
3. Attach fixture to structural ceiling from all 4 corners using the 4 sets of mounting holes provided in the hangar bars on both sides of the fixture.
4. Connect electrical and RJ45 cable to fixture. Secure RJ45 cable to the fixture with cable clamp. Note: all fixtures in a system must be connected to a dedicated branch circuit.
5. Carefully pull down trim and unplug indicator light via in-line connector.
6. Squeeze individual springs together to remove trim.
7. Remove optical shipping protector from light head. Discard 2 screws, 2 spacers, and cover.
8. Inspect internal cables; they may have shifted in shipping and may need to be pushed aside.
9. Carefully clean glass in trim and reinstall.



INFRALED® PRO 35: INSTALLATION - HARD CEILING MOUNTING

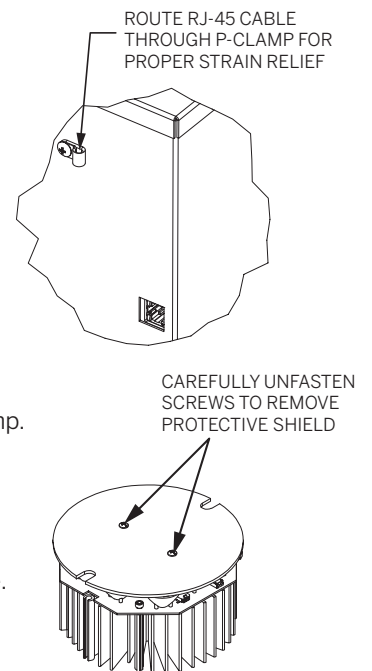


**RECOMMENDED CUT-OUT PATTERN
FOR PRO-12035**

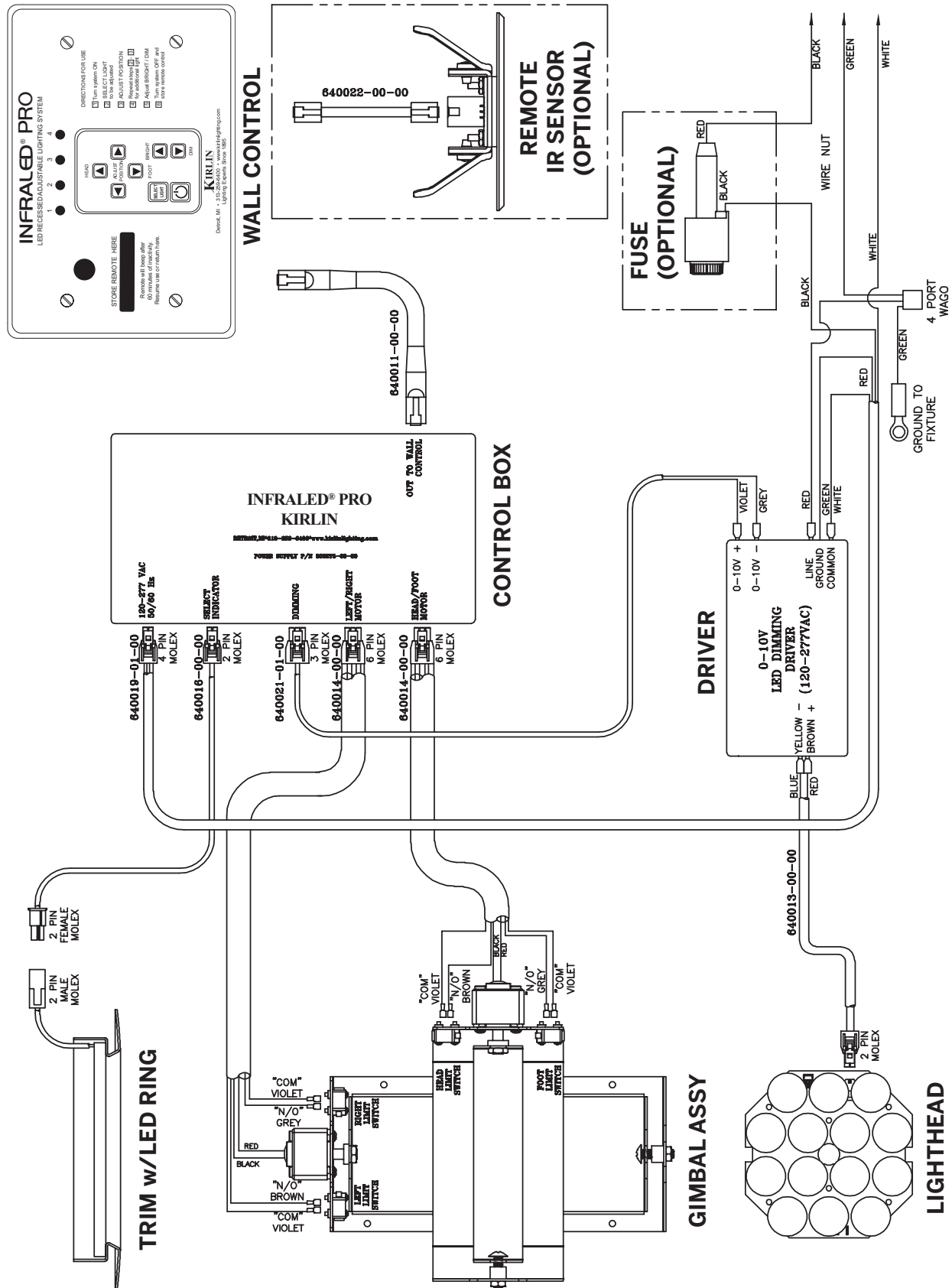


INSTRUCTIONS:

1. Attach fixture to structural ceiling from all four corners, using the 4 sets of mounting holes provided in the hangar bars on both sides of the fixture. Note: Fixture has a head/foot orientation label located on its top side.
2. Connect electrical and RJ45 cable to fixture. Secure RJ45 cable to the fixture with cable clamp. Note: all fixtures in a system must be connected to a dedicated branch circuit.
3. Carefully pull down trim and unplug indicator light via in-line connector.
4. Squeeze individual springs together to remove trim.
5. Remove optical shipping protector from light head. Discard 2 screws, 2 spacers, and cover.
6. Inspect internal cables; they may have shifted in shipping and may need to be pushed aside.
7. Install hard ceiling.
8. Carefully clean glass in trim and reinstall.



INFRALED® PRO 35: ELECTRO-MECHANICAL WIRING DIAGRAM

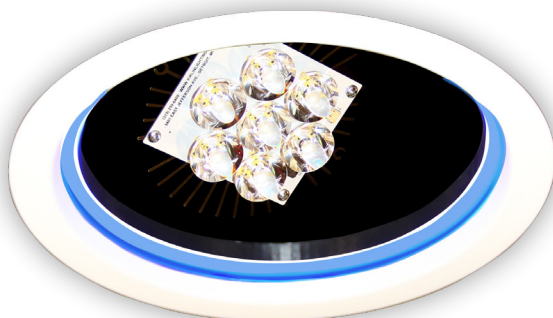




INFRALED[®] PRO

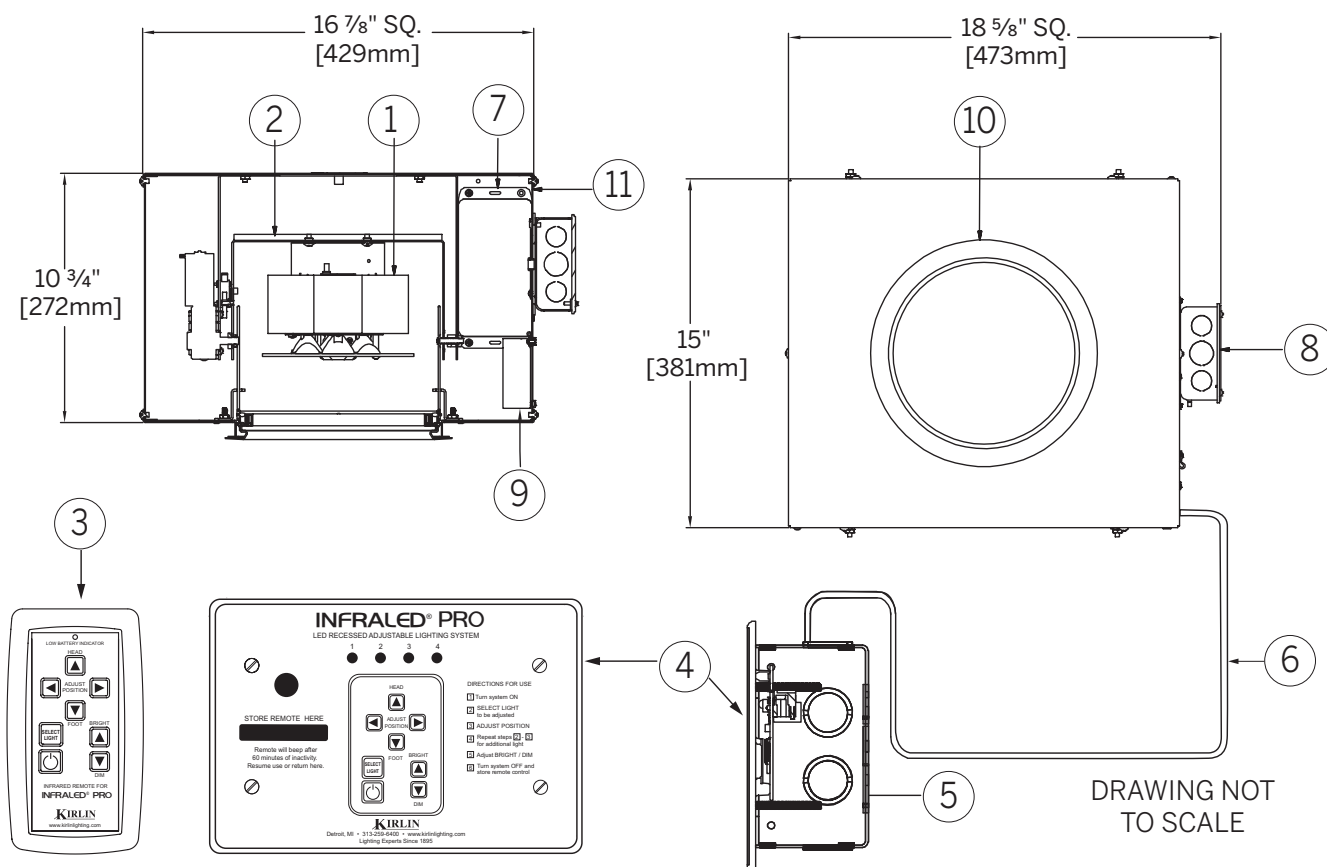
Recessed Motorized Patient Lighting System

OWNER'S MANUAL & INSTALLATION GUIDE FOR INFRALED[®] PRO 25



PRO-09025

INFRALED® PRO 25: SYSTEM & COMPONENTS



Features PER Luminaire:

LED Module (1)

- 1800 delivered lumens, 37.5 watts (per luminaire).
- 3500°K. 95+ CRI. High R9 value of 85.
- 60,000 hour long life (L70).

Motors / Gimbal Assembly (2)

- Two 12 volt permanently lubricated DC motors control motion. Quiet operation.
- Rotates 360° and tilts up to 25° from nadir.
- Plug-in modular electronics designed for easy maintenance through removable trim assembly.

Remote Control (sold separately: see page 28) (3)

Wall Control (sold separately: see page 28) (4)

- UL listed back box (5) provided with wall control. Must be used for proper fit of electronics.

Plenum Rated Cable (6)

- Each luminaire provided with:
- 35' plenum rated control cable with RJ-45 connectors for connection to wall control.
- For longer cable length, see Option -87.

Motion and Dimming Controller (7)

Junction Box (luminaire) (8)

- Prewired 14 GA (NEC) galvanized steel, UL listed.
- 1/2" and 3/4" knockouts.

LED Power Supplies (not shown) (9)

- 120-277V 50/60 Hz standard. Load insensitive.
- 0-10V dimming (100-10%).
- -20°C (-4°F) to 50°C (122°F).

Trim Assembly (10)

- White regressed self-flanged flare with Kirlin BioGard™ anti-microbial finish.
- For IP65 rating, see Option -IP.
- 9" diameter. Smooth surface.
- Regressed tempered clear flat glass lens.

Housing (11)

- Acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.
- Built-in plaster frame.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through branch circuit conductors. (6#12)

FCC Compliance

- FCC Part 15 certified for EMI/RFI emissions.

Warranty

- Complete standard fixture and wall control, five years.
- Remote control, one year.

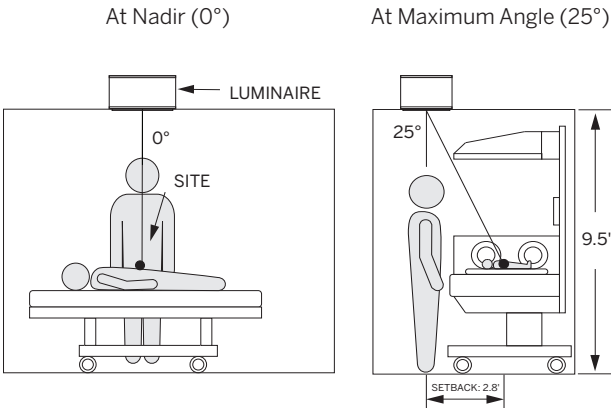
Weight

- 18.0 lbs. (not including boxes).
- No seismic super structure needed (See State of California OSHPD).

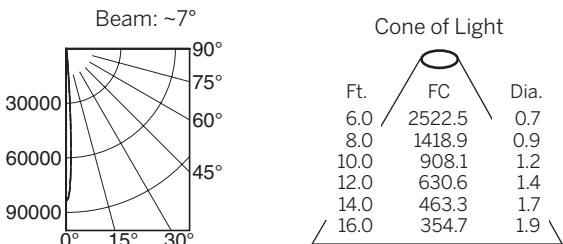
PER SINGLE LUMINAIRE OPERATING CURRENT .70A MAXIMUM DRAW .80A AT 120 VOLT LINE INPUT

INFRALED® PRO 25: LUMINAIRE PLACEMENT & PERFORMANCE

Single Luminaire Performance



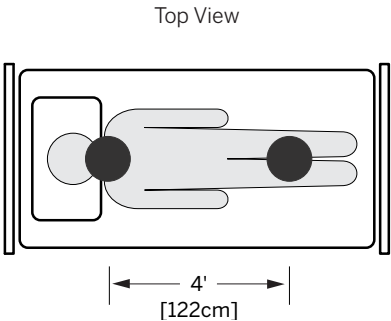
	Angle	Distance to Task	FC on Task	Lux on Task
Performance at Nadir	0°	6'	2,523	27,157
Performance at Max Angle	25°	6.6'	1,889	20,333



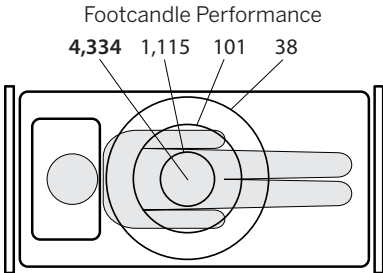
Photometric testing by I.T.L. (Boulder, CO); Test No. 93353

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

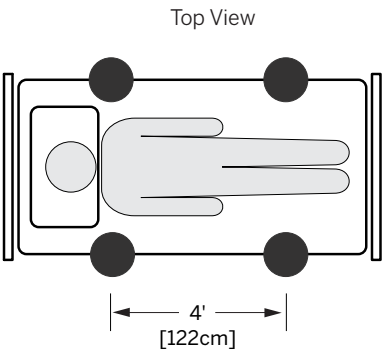
Sample Two Light Configuration



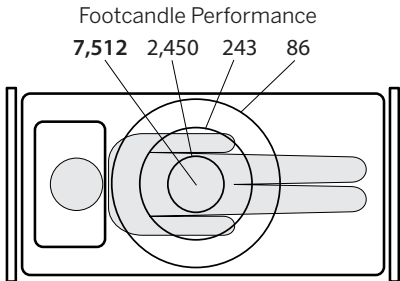
For Optimal Performance, fixtures should be placed 4' apart.



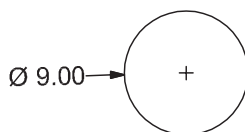
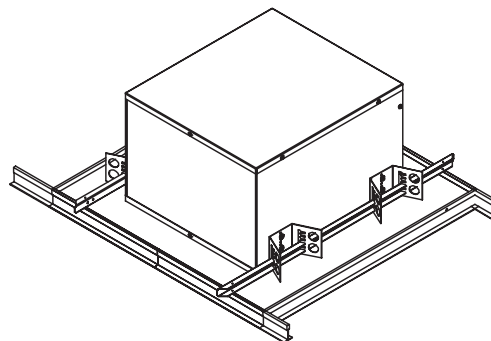
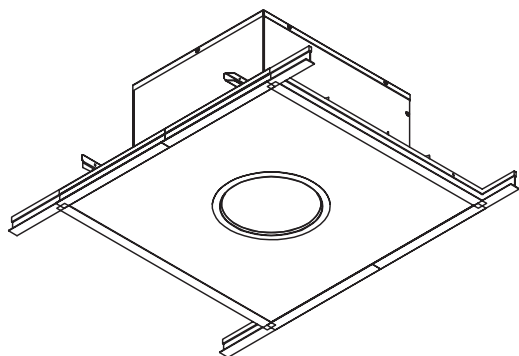
Sample Four Light Configuration



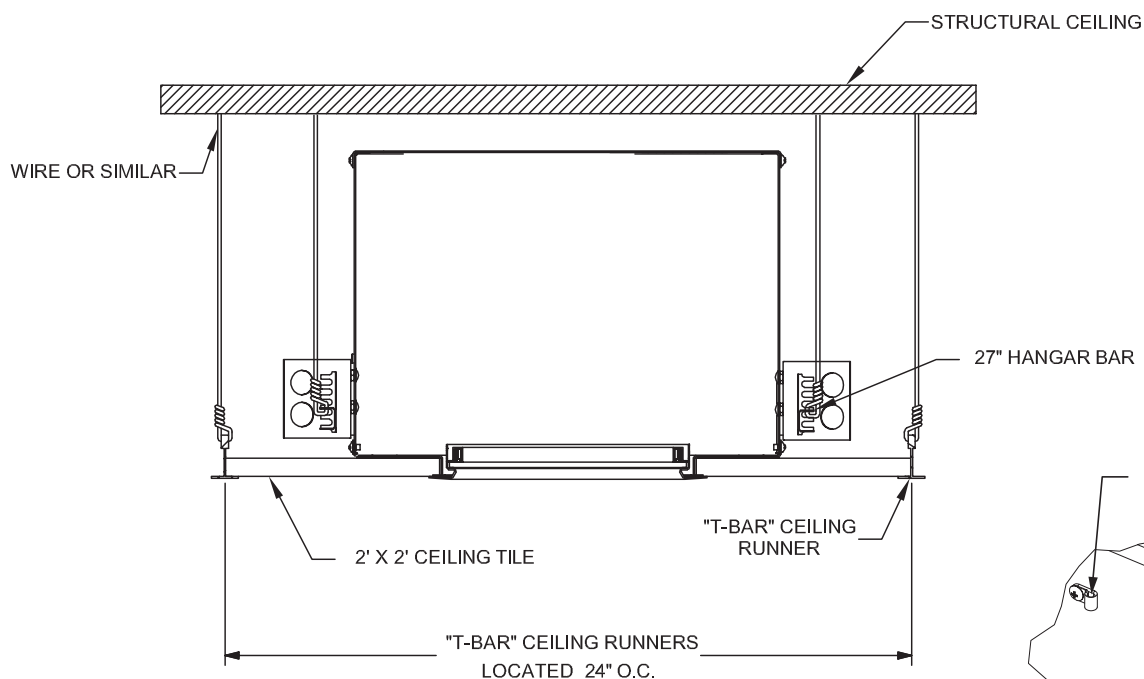
For Optimal Performance, fixtures should be placed 4' apart.



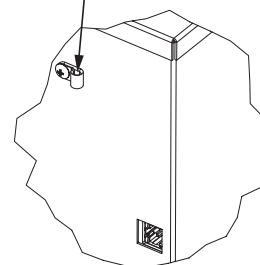
INFRALED® PRO 25: INSTALLATION - LAY-IN CEILING MOUNTING



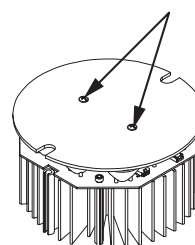
**RECOMMENDED CUT-OUT PATTERN
FOR PRO-09025**



ROUTE RJ-45 CABLE
THROUGH P-CLAMP FOR
PROPER STRAIN RELIEF



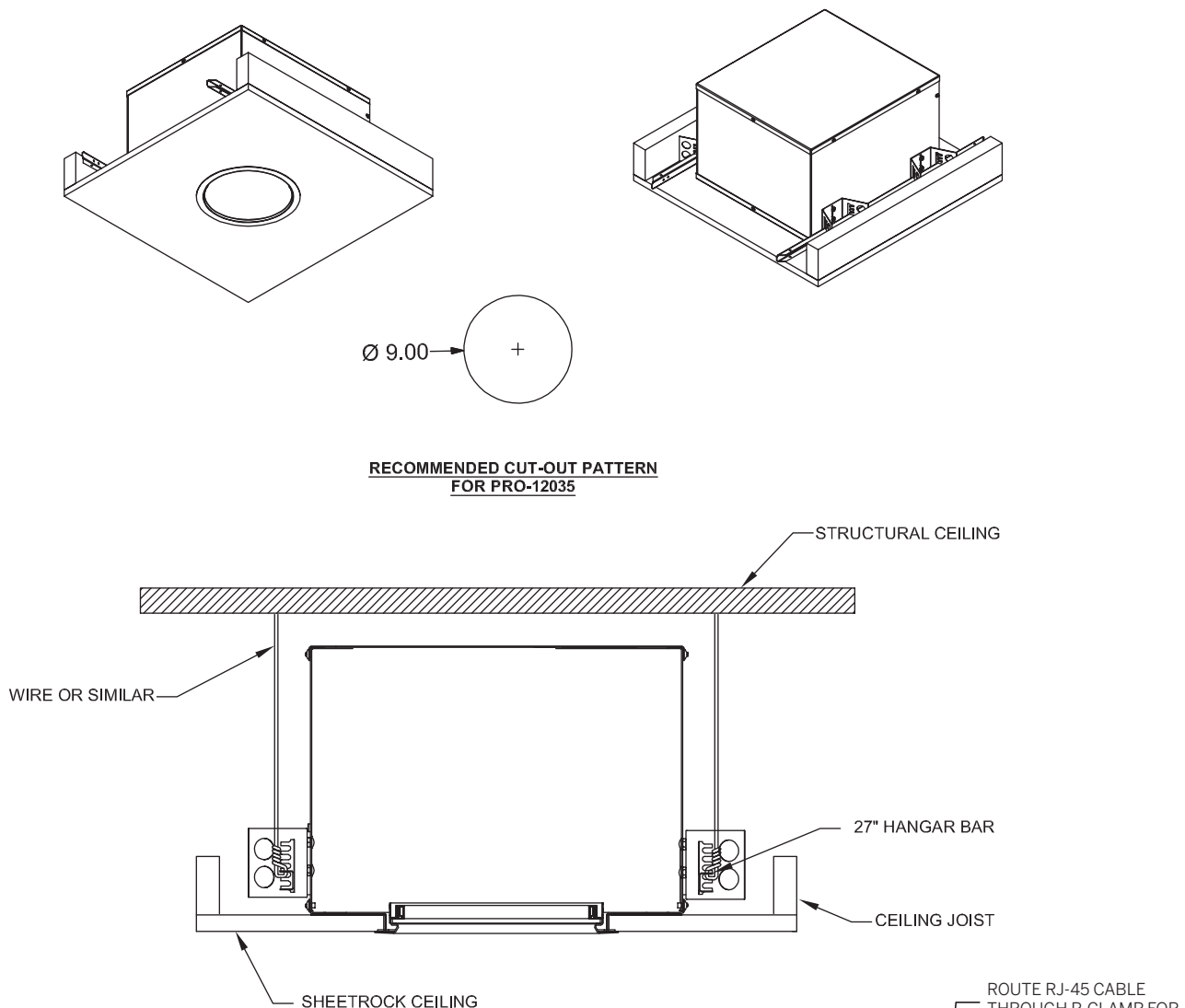
CAREFULLY UNFASTEN
SCREWS TO REMOVE
PROTECTIVE SHIELD



INSTRUCTIONS:

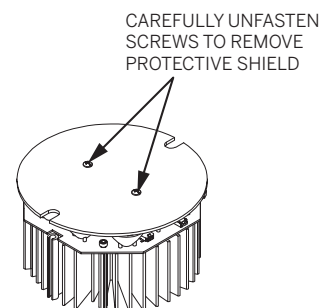
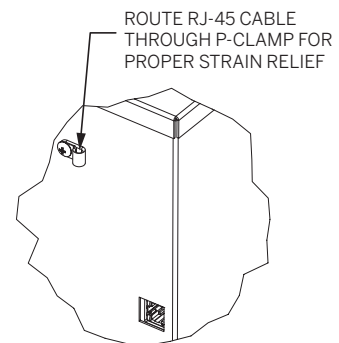
1. Verify that "T-bar" ceiling grid is attached to structural ceiling at corners.
2. Lay fixture into ceiling tile with cut-out. Note: Fixture has a head/foot orientation label located on its top side.
3. Attach fixture to structural ceiling from all 4 corners using the 4 sets of mounting holes provided in the hangar bars on both sides of the fixture.
4. Connect electrical and RJ45 cable to fixture. Secure RJ45 cable to the fixture with cable clamp. Note: all fixtures in a system must be connected to a dedicated branch circuit.
5. Carefully pull down trim and unplug indicator light via in-line connector.
6. Squeeze individual springs together to remove trim.
7. Remove optical shipping protector from light head. Discard 2 screws, 2 spacers, and cover.
8. Inspect internal cables; they may have shifted in shipping and may need to be pushed aside.
9. Carefully clean glass in trim and reinstall.

INFRALED® PRO 25: INSTALLATION - HARD CEILING MOUNTING



INSTRUCTIONS:

1. Attach fixture to structural ceiling from all four corners, using the 4 sets of mounting holes provided in the hangar bars on both sides of the fixture. Note: Fixture has a head/foot orientation label located on its top side.
2. Connect electrical and RJ45 cable to fixture. Secure RJ45 cable to the fixture with cable clamp. Note: all fixtures in a system must be connected to a dedicated branch circuit.
3. Carefully pull down trim and unplug indicator light via in-line connector.
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5. Remove optical shipping protector from light head. Discard 2 screws, 2 spacers, and cover.
6. Inspect internal cables; they may have shifted in shipping and may need to be pushed aside.
7. Install hard ceiling.
8. Carefully clean glass in trim and reinstall.





INFRALED® PRO

Recessed Motorized Patient Lighting System

OWNER'S MANUAL & INSTALLATION GUIDE WALL CONTROL & REMOTE



PRO-WALLC
PRO-REMOT

WALL CONTROL & REMOTE: SYSTEM & COMPONENTS

The lighting system includes both an infrared remote control and a flush wall control panel. Both provide full control of the lighting system, including on/off, direction, intensity and fixture selection. A designated magnetic docking station on the wall control panel has been provided for storage of the remote control when not in use.

Remote and Wall Control Features:

- Redundant full function controls for:
 - Power
 - Fixture selection
 - Intensity (dimmer or brighter)
- Convenient one hand operation.
- Tactile-membranes and smooth surfaces for easy cleaning.

Wall Control (only) Features:

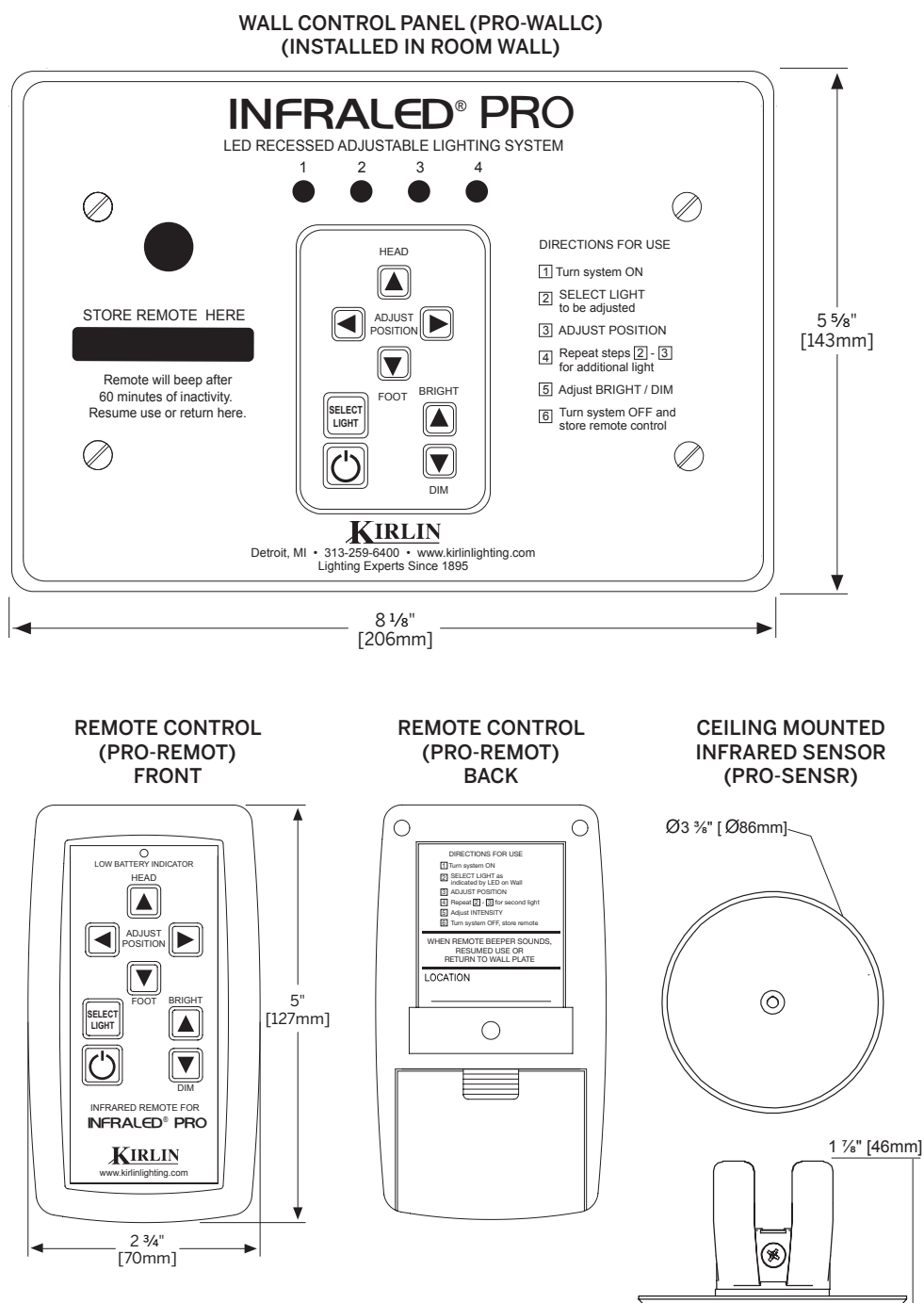
- Includes recessed infrared receiver.
- Magnetic docking station for remote control.
- Less than 1 microamp current leakage from front of wall control panel.
- Back box provided by Kirlin.

Remote Control (only) Features:

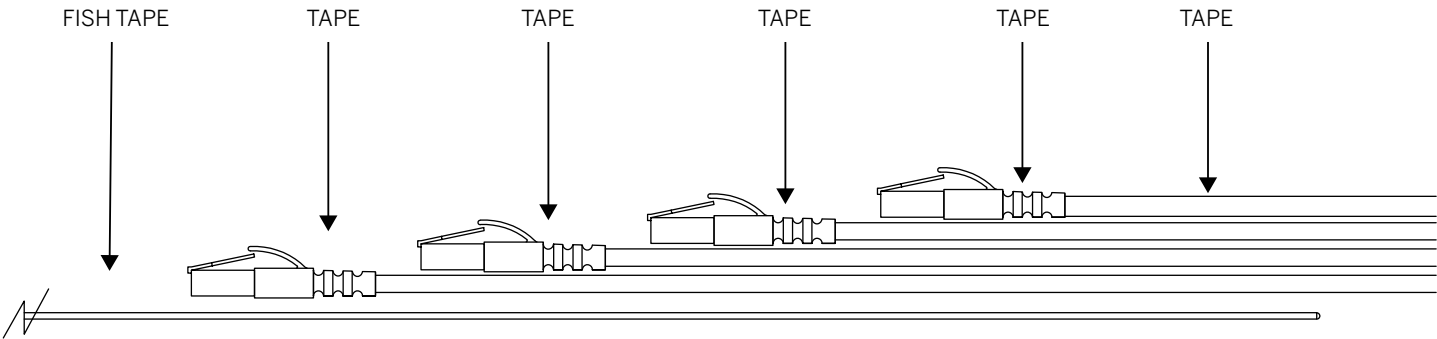
- Invisible infrared signal will not interfere with other equipment in the room.
- Impact resistant construction to withstand common mishaps (dropped on floor).
- Loss deterring beeper to remind user to return remote to docking station on wall control panel. Beeper is activated if remote control is not used for, nor returned to wall control panel within 1 hour.
- (2) AA batteries provided.
- Low stand-by current assures long battery life.
- Back side has special "write-on" area for marking room location.

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.



INSTALLATION: CABLES

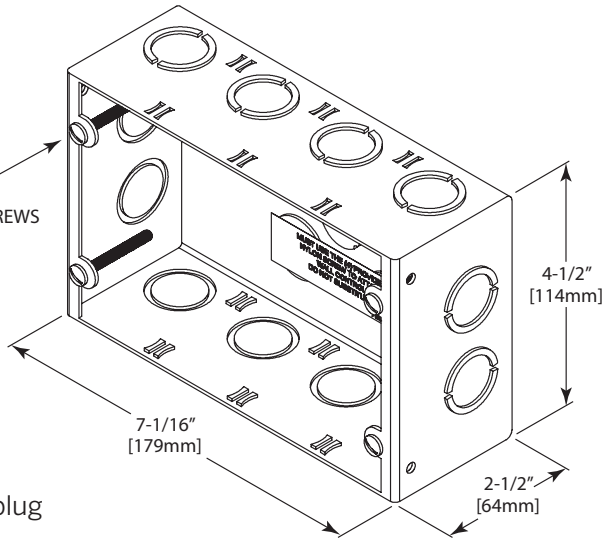


3/4" minimum conduit with a bend radius of 6" or larger required. Attach fish tape as shown to protect the cable ends from being damaged as they are routed. Do not pull cable by its connector; damage may occur.

INSTALLATION: WALL CONTROL BACK BOX

MUST USE THE (4) PROVIDED
NYLON SCREWS TO ATTACH
WALL CONTROL
DO NOT SUBSTITUTE

(4) NYLON SCREWS
PROVIDED



INSTALLATION: WALL CONTROL

1. Determine which fixture is going to be identified as #1 and plug its cable into the "FIX 1" port on the back of the wall control.
2. Repeat as necessary for any remaining fixtures.
3. Mount the wall control into the back box using the 4 supplied nylon screw.

DIRECTIONAL RECONFIGURATION

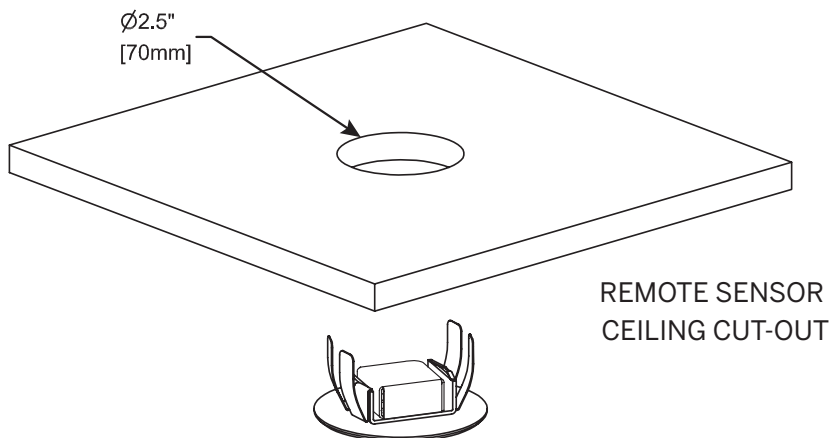
The system is designed to allows the direction of the "head" button to be rotated clockwise in 90 degree increments. This is achieved by entering configuration mode at the wall control and adjusting.

To enter configuration mode:

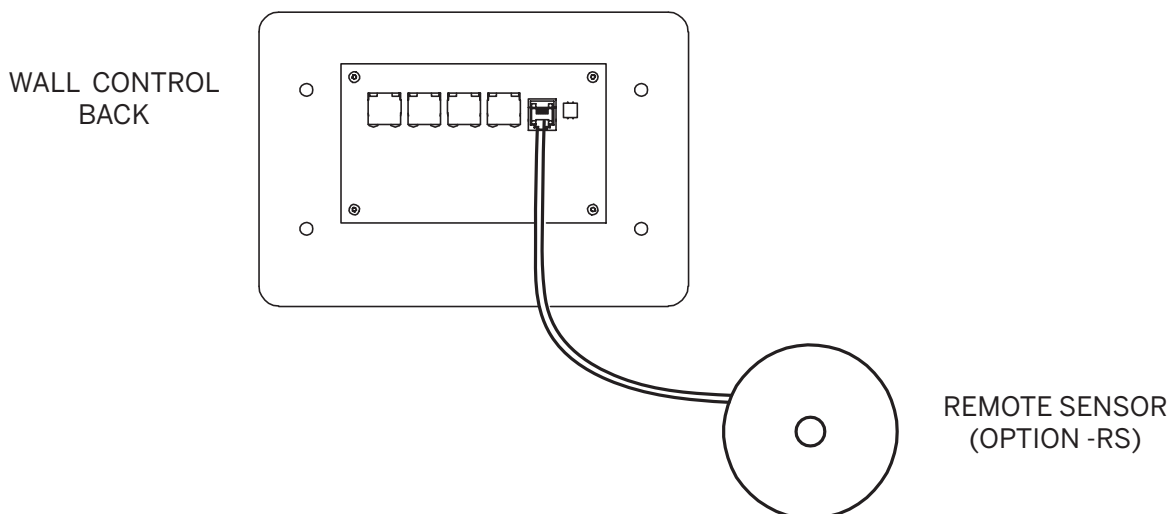
1. Power on system and select the fixture to be reoriented at the wall control.
2. Press and hold the POWER button for 30 seconds to enter configuration mode (system initially turns off, but powers back on after the 30 seconds).
3. Use the LEFT and RIGHT arrows on the wall control to adjust the fixtures rotation by 90 degrees clockwise. The LEDs change to indicate the degree of adjustment.
4. Press and release the power button to save the adjustment.
5. Repeat as needed.

Illuminated LEDs	Degrees of Rotation (Clockwise)
1	0
1+2	90
1+2+3	180
1+2+3+4	270

CUT-OUT INFORMATION: REMOTE SENSOR (PRO-SENSOR)



WIRING: REMOTE SENSOR (PRO-SENSOR)



MAINTENANCE GUIDE:

Cleaning the Lens:

1. Turn off luminaire and allow lens to cool.
2. Carefully pull down lens/trim assembly and unplug indicator cable if present. (PRO- fixtures have a pull down lens, PRV- fixtures have mechanical fasteners).
3. Use glass cleaner and a lint free cloth to clean the lens on both sides; repeat step if necessary.
4. Re-install.

Replacing the Remote Control Battery:

5. Turn Remote Control over and remove battery compartment door.
6. Remove old battery and replace with AA alkaline batteries. Never mix new and old batteries.

Cleaning the Remote and Wall Controls:

7. Use a 70% isopropyl alcohol solution and soft cloth.
8. Wipe clean the surface of the Wall Control.

NOTES

NOTES