

LIGHTING SOLUTIONS *for* BEHAVIORAL HEALTH



LOW
RISK



MEDIUM
RISK



HIGH
RISK

Safe, Attractive Lighting Solutions for All Risk Levels



www.kirlinlighting.com

BEHAVIORAL HEALTH

Recessed

Wayfinding

Behavioral Panel

PRO 35V

Observation

Vignette

Recessed LED Luminaires

Ambient ♦ Exam ♦ Shower ♦ Reading

Tamper-proof, IK10 impact and ligature resistant trim • Robust internal construction for long-term integrity • Unbreakable prismatic & polycarbonate lenses • Infection-detering Cleanroom, IP66, IP65 designs • High fidelity color rendering (Rf > 90)



Six Inch Series
(MRV-06 and LRV-06)

- Downlight and Wall Wash
- 1000L, 1500L, 2000L, 2500L
- Dimming to 0.1% (0-10V, DALI, DMX)
- Distributions: WFL, MFL, NFL
- Dynamic Tunable White Ranges: 1650K-8000K, 2700K-6500K
- Orange/red or orange/yellow observation light, see page 6



Seven Inch Series
(MRV-07 and LRV-07)

- Downlight and Shower Light
- 1000L, 1500L, 2000L, and 2500L
- Dimming to 0.1% (0-10V, DALI, DMX)
- Distributions: WFL, MFL, NFL, SPT
- Color-Specific: 465nm, 521nm, 590nm, 617nm, 634nm, 665nm



Eight Inch Series
(MRV-08 and LRV-08)

- Downlight, Exam Light, and Adjustable Exam Light
- 2500L, 3500L, 5000L, and 6500L
- Dimming to 0.1% (0-10V, DALI, DMX)
- Distributions: WFL, MFL, NFL
- Color-Specific: 465nm, 521nm, 590nm, 617nm, 634nm, 665nm

Importance of Color Temperature

Research has proven that color impacts health, behavior, and restful sleep. Kirlin offers specifiable and dynamic CCTs for patient comfort and circadian support.

Specifiable White CCT

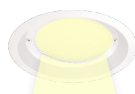
Tunable CCT



2700K



3000K



3500K



4100K



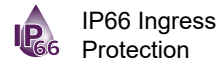
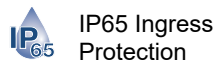
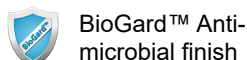
5000K



2700K -
6500K



1650K -
8000K



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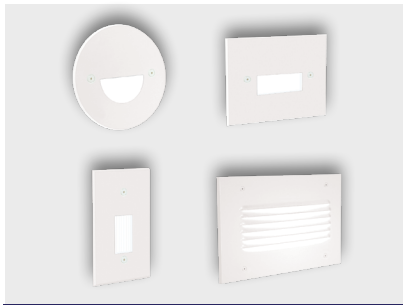
Observation

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Wayfinding LED Luminaires

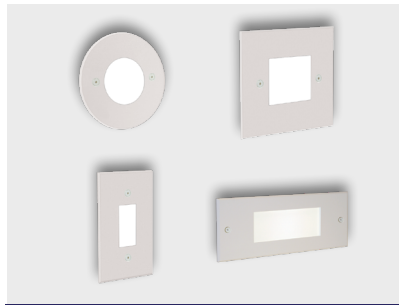
Patient Rooms ♦ Restrooms ♦ Corridors ♦ Stairwells

Heavy gauge aluminum/steel faceplate • Tamper-resistant retention fasteners • Unbreakable polycarbonate lensing



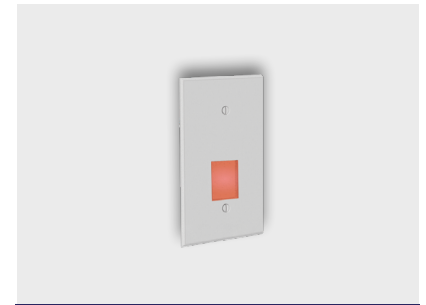
NightLight Series

- Illuminates patient room, restroom and corridor floors
- Available in red/amber (-RA) for circadian support
- Filter Options: ■ -BL, ■ -GE, ■ -OR, ■ -RA, ■ -YE



StepLight Series

- Illuminates stairwells and corridors
- Available in red/amber (-RA) for circadian support
- Filter Options: ■ -BL, ■ -GE, ■ -OR, ■ -RA, ■ -YE



ChartLight

- Unique task light for use at night without disturbing sleep
- 615nm (red/amber) illumination for circadian support



*St. Clare's Hospital
Specifier: Posen Architects*



ISO 5 / Class
100 Cleanroom



CCEA Chicago
Plenum Approved



Type IC up
to 2000L



FCC Part 15
Certified



UL C-UL
Listed



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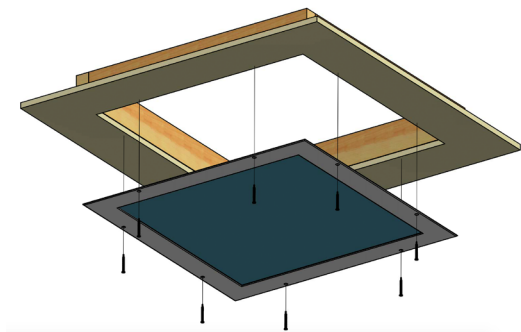
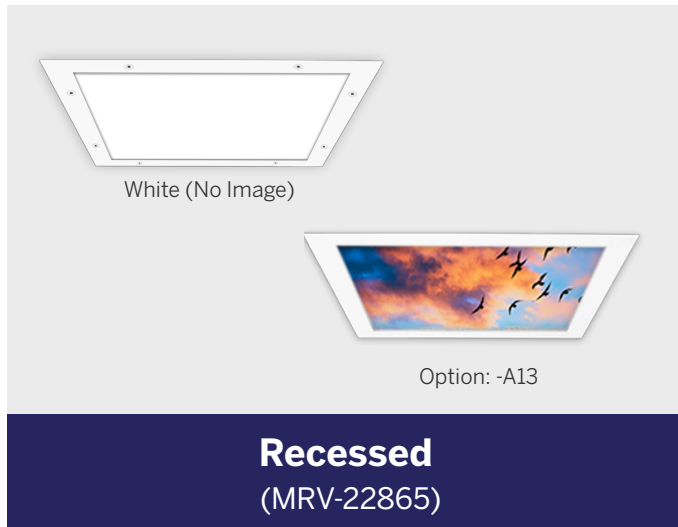
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White and Scenic 2' x 2' Panels

Recessed ♦ Surfaced-Mounted

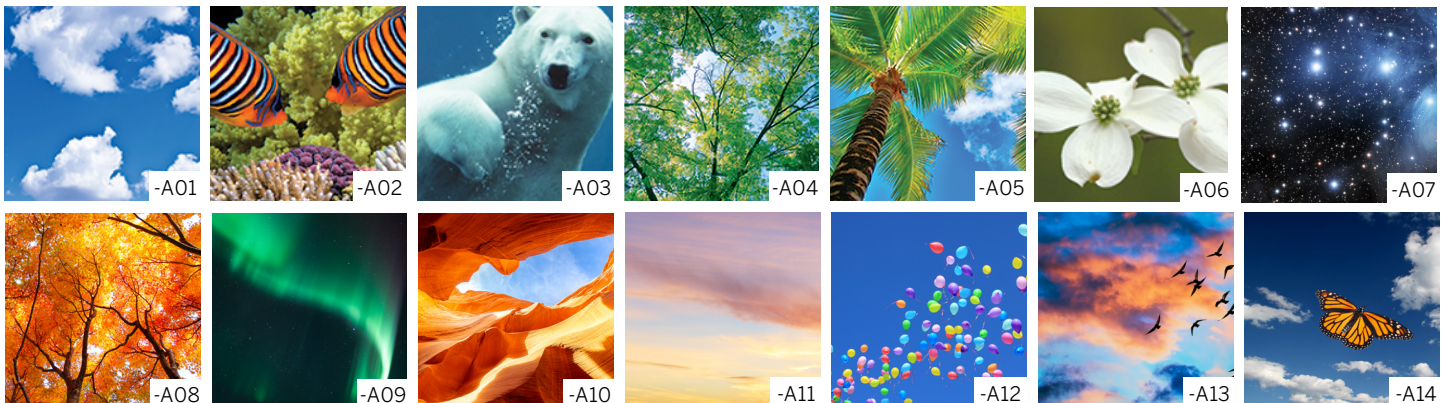
In every behavioral health installation, Kirlin strives to create a calming environment for treatment and recovery. Ligature-resistant and tamper-proof scenic panels bring color, excitement, and distraction to a room that might otherwise feel confined and uncomfortable.



Engineered for Safety

Kirlin's behavioral scenic panels and white panels are made in the USA from safe and ultra-durable materials. A single-piece heavy gauge aluminum frame with internal corner keys for added rigidity is fastened to the ceiling's structural blocking (in recessed design) or to the extruded aluminum housing (in surface-mounted design) with tamper-resistant hardware. Dual lensing of 0.22" polycarbonate below high-strength acrylic ensures safe operation even in the highest risk areas.

Scenic Panel Options



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INFRALED® PRO 35V

Motorized Exam Lighting for Behavioral Patients



Clinical Benefits



Unobtrusive recessed design provides adjustable direction and intensity without introducing any ligature points or safety hazards in the room



One-touch remote control and wall panel may be mounted outside the patient space for practitioner control and patient safety



Full range adjustable intensity to 1%

95
CRI

95 CRI (color rendering index) for accurate visual diagnosis



BioGard™ anti-microbial white finish, regressed flare trim with clear flat poly lens



IK10 impact resistant design with 0.22" polycarbonate lens and tamper-proof hardware



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

Operational Benefits



Cool operating temperatures

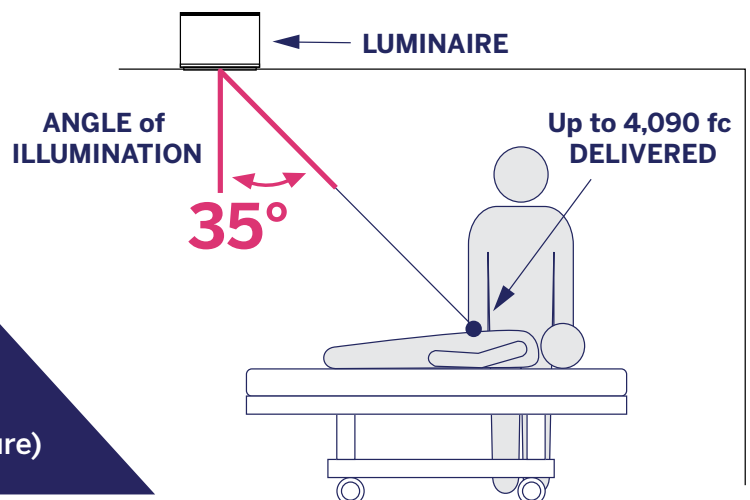


50,000 hour system life



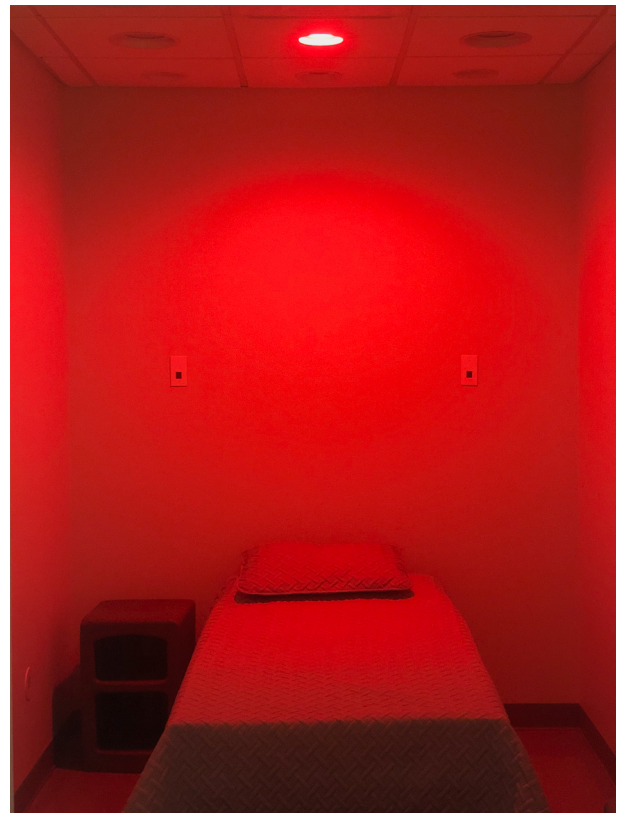
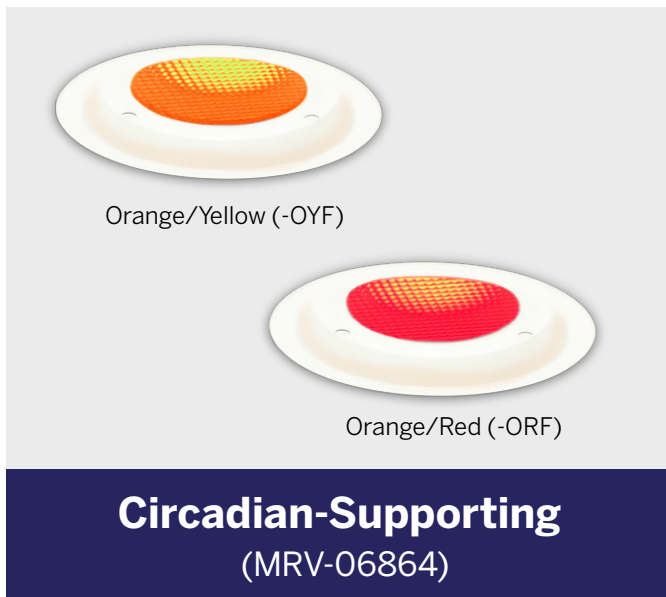
60-80% energy savings (over non-LED sources)

- ◆ 35° Tilt, 360° Rotation
- ◆ Fully Recessed System
- ◆ Ultimate Infection Control
- ◆ Cool LED Beams, 95+ CRI
- ◆ Wall and Remote Controlled
- ◆ Adjustable Direction & Intensity
- ◆ IK10 Impact Resistant Trim with Poly Lens
- ◆ 4,090 fc (44,024 lux) on Task (Single Fixture)

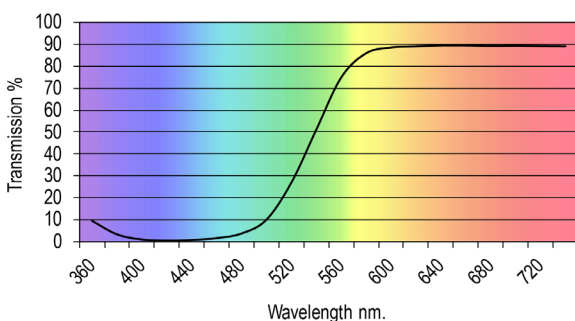


Patient Observation Light

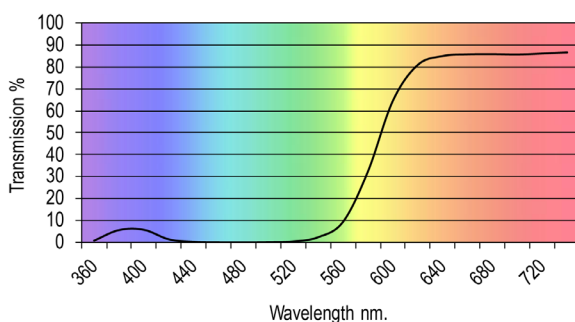
Sleep at night is critically important for all human beings, but especially those in long term care facilities where sleep disruption is all too common. Kirlin's patient observation light enables staff and nurses to observe patients at night without waking them, promoting health, wellness, and safety.



-OYF Spectral Performance



-ORF Spectral Performance



- ◆ Enables nurse, doctor, or staff member to perform non-disruptive night-time tasks in the patient room
- ◆ Permits regular assessment of patient's status without entering the room
- ◆ Circadian-supporting **Orange/Yellow** or **Orange/Red** suppress blue light
- ◆ Switched outside or inside the room
- ◆ Full range dimming from 100% to 1% for added patient comfort
- ◆ IP66 and ISO 5/Class 100 Clean Room rating optional

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Quality Light for Healthy Outcomes

Virginia Treatment Center
for Children (VTCC)
Specifier: CannonDesign

1 MRV-07840



7" vandal-resistant
downlight with BioGard™
antimicrobial finish and
IP65 ingress protection

2 LNT-03096-RA-26



Vandal-resistant StepLight
for patient wayfinding with
red/amber wavelength for
circadian support

Approved for:

Low Risk

Medium Risk

High Risk

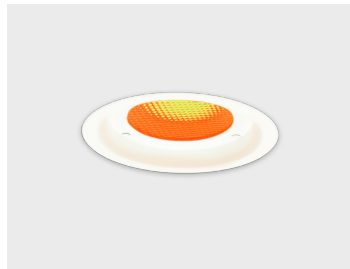
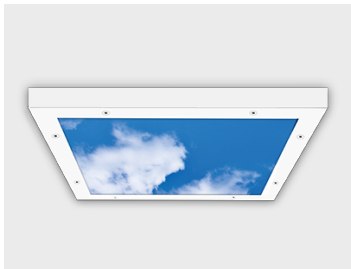
As evaluated by the New York State Office of Mental Health for Low, Medium, and High Risk areas. See patient safety standards at <http://omh.ny.gov> for more details.

Spanning over 119,000 square feet, the Richmond Virginia Treatment Center for Children (VTCC) is one of the largest free-standing children's mental health facilities in the U.S., serving 70,000 inpatients and outpatients in need.

Within each of the private dormitory-inspired rooms, Kirlin's IP65, BioGard™ antimicrobial 7" downlights (MRV-07840) were installed, enhancing infection control throughout the facility. Kirlin's vandal resistant steplights (LNT-03096-RA-26) with circadian-supportive red/amber LED illumination, were chosen for the patient restrooms.

The result is a healing sanctuary that supports children's rehabilitation in a safe harbor.

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KIRLIN
HEALTHCARE LIGHTING

MADE IN THE USA 