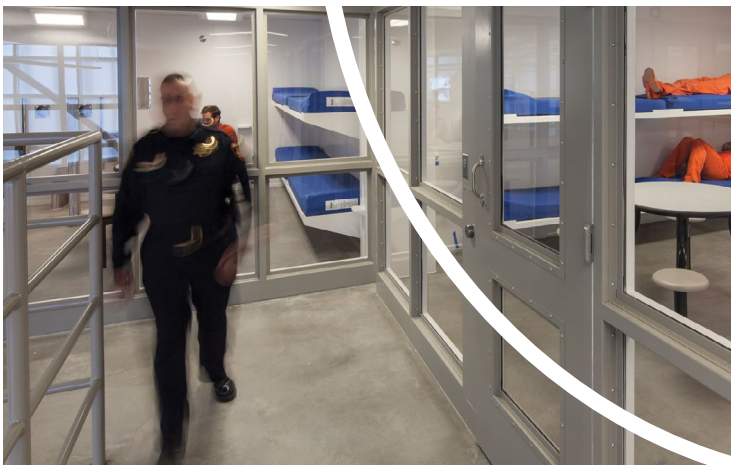


MightyMac™ Durable Lighting Solutions
Built Tough to Promote Staff & Inmate Safety



Kenall Correctional Lighting:

Designed to Keep Staff & Inmates Safe & Secure

Kenall is the market leader in correctional and behavioral health lighting, thanks to thoughtful design, heavy-gauge materials and compliance with the latest IES light level recommendations. Today, Kenall luminaires provide more than just light: with features such as color tuning and single-mode Indigo-Clean™ technology, they help create a space that is cleaner and more comfortable while also promoting staff and inmate safety.

Contents

What's new in Correctional Lighting	3
Best Practices for Correctional Lighting	6
Available Technology:	
Indigo-Clean® technology	22
Tunable White LED	24
Products At-a-Glance	26
Ceiling Mount Luminaires	29
Wall Mount Luminaires	39
Complementary Products	49
Parking, Area & Site Lighting	54
Warranties, Sample Order	60
Listings & Certifications	61
Buy American Act	62
Testing	62
Kenall Markets	63

NEW! Virtually Impenetrable Lighting Provides Unprecedented Protection

This new series, developed specifically in response to customer demand, expands Kenall's signature MightyMac Correctional family. These luminaires feature a patent-pending housing in which doors and entry points are eliminated, rendering them virtually impenetrable. They also have a smaller, less intrusive profile and a long LED life (80,000 hours, or up to 13 years) that eliminates the need for servicing.



[Learn More](#)





Kenall's Mission: Safety & Security First. Always.

Correctional officers (COs) have the second highest mortality rate of any occupation. On average, a CO will be seriously assaulted twice in a 20-year career, and seven percent of inmates will be involved in a fight while incarcerated. Supporting staff and inmate safety is a mission critical goal at Kenall, and one our design engineers take very seriously. Kenall never compromises on materials or components, so you can always be assured that our products will perform — as promised — in even the most challenging correctional environments.



MightyMac™ – Leading the Way in Best Practices for Correctional Lighting



GET WHEN YOU DON'T GET WHAT YOU WANT

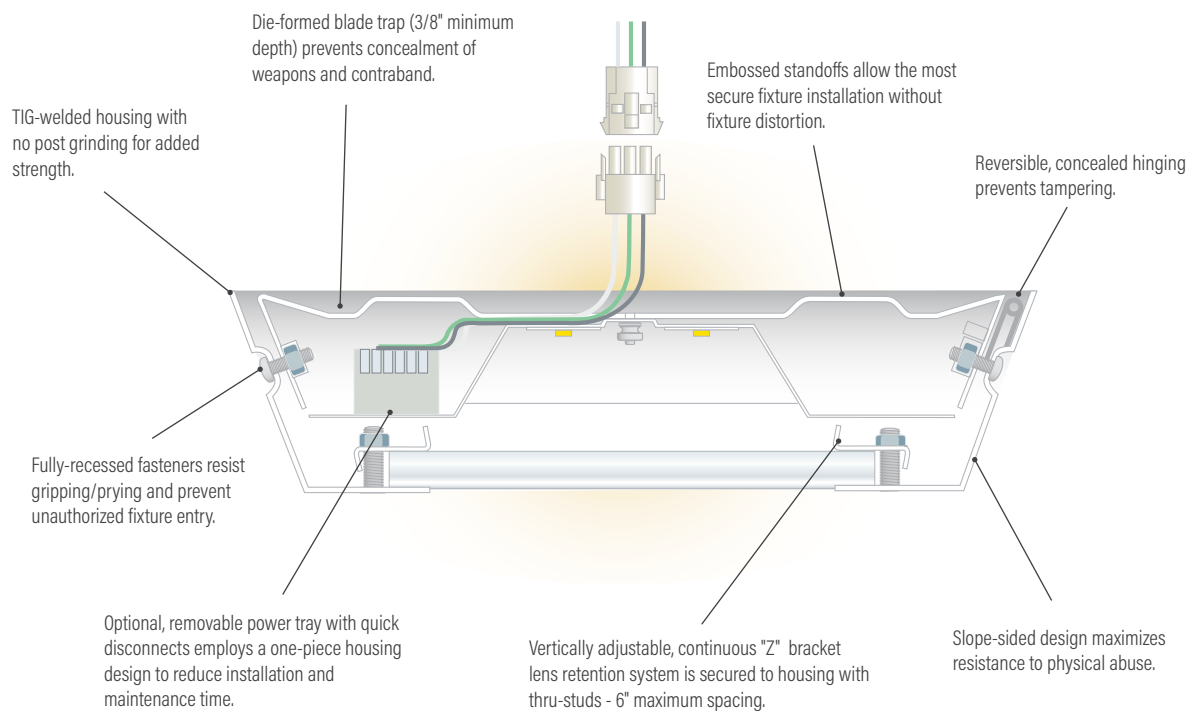


Best Practice: Clamshell Style

The clamshell-style housing employs a one-piece housing to discourage tampering; there are no hinged doors, crevices or exposed hinges to promote vandalism.

Features unique to clamshell housing style:

- Irretrievable blade trap /contraband drop slot
- Internal hinge (2' or full length)
- Hidden baseplate
- Housing hinges from either side of baseplate

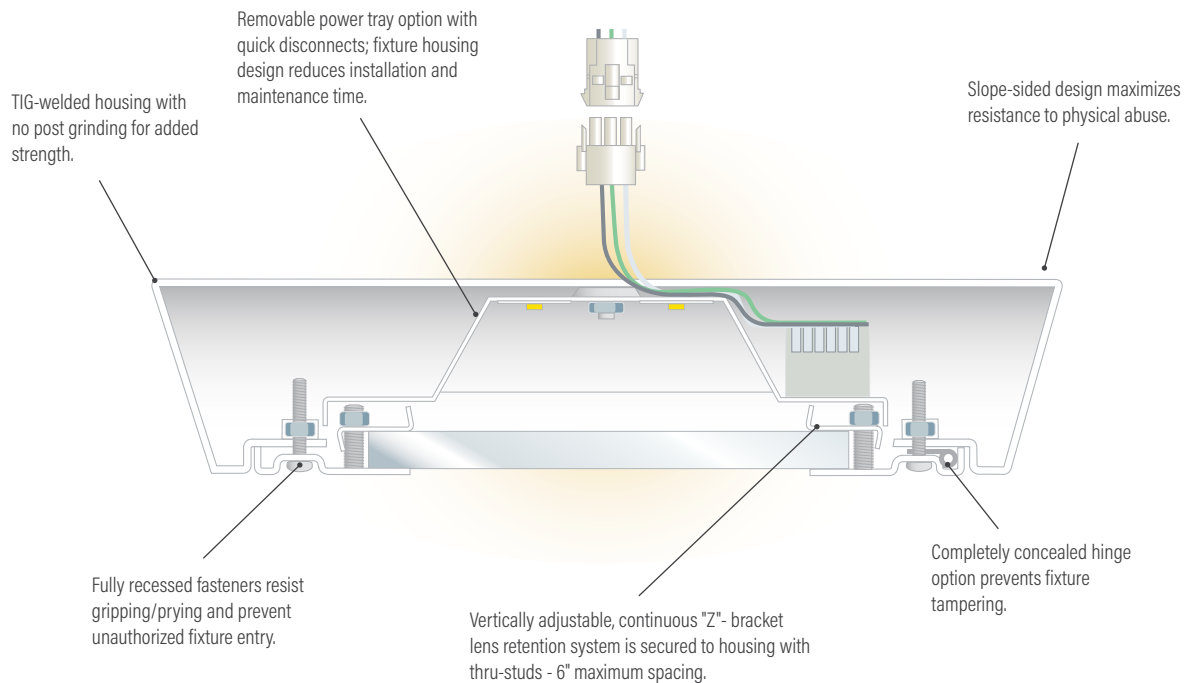


Best Practice: Hinged Door Style

The hinged-door style luminaire uses a rigid steel housing as the foundation for a die-formed, work-hardened steel door, which fully captures and secures the lens to prevent unauthorized entry.

Features unique to hinged door style:

- Designed to be caulkable (e.g., Pecora, Dynapoxy or Sika Dural)
- Full-length, external hinge for ease of servicing
- Cell fixtures feature internal hinges
- Available with knockouts for surface conduit



Best Practice: Doorless Style

The doorless-style housing eliminates access and is firmly secured to the ceiling. That way, there are no crevices or gaps to enable vandalism, making the fixture virtually impenetrable.

Features unique to the doorless housing style:

- Smaller, less intrusive profile
- Long LED life (80,000 hours, or up to 13 years) eliminates the need for servicing

Fixture provides six mounting points for a high level of security, making it virtually impossible to remove by inmates

Long LED life (80,000 hrs) removes the need for servicing. Fixture life is up to 13 years maintenance-free*
*estimate based on typical use

Continuous TIG welding ensures no gaps in the housing, creating a sealed, rigid fixture

One-piece steel housing available in 12 gauge thickness

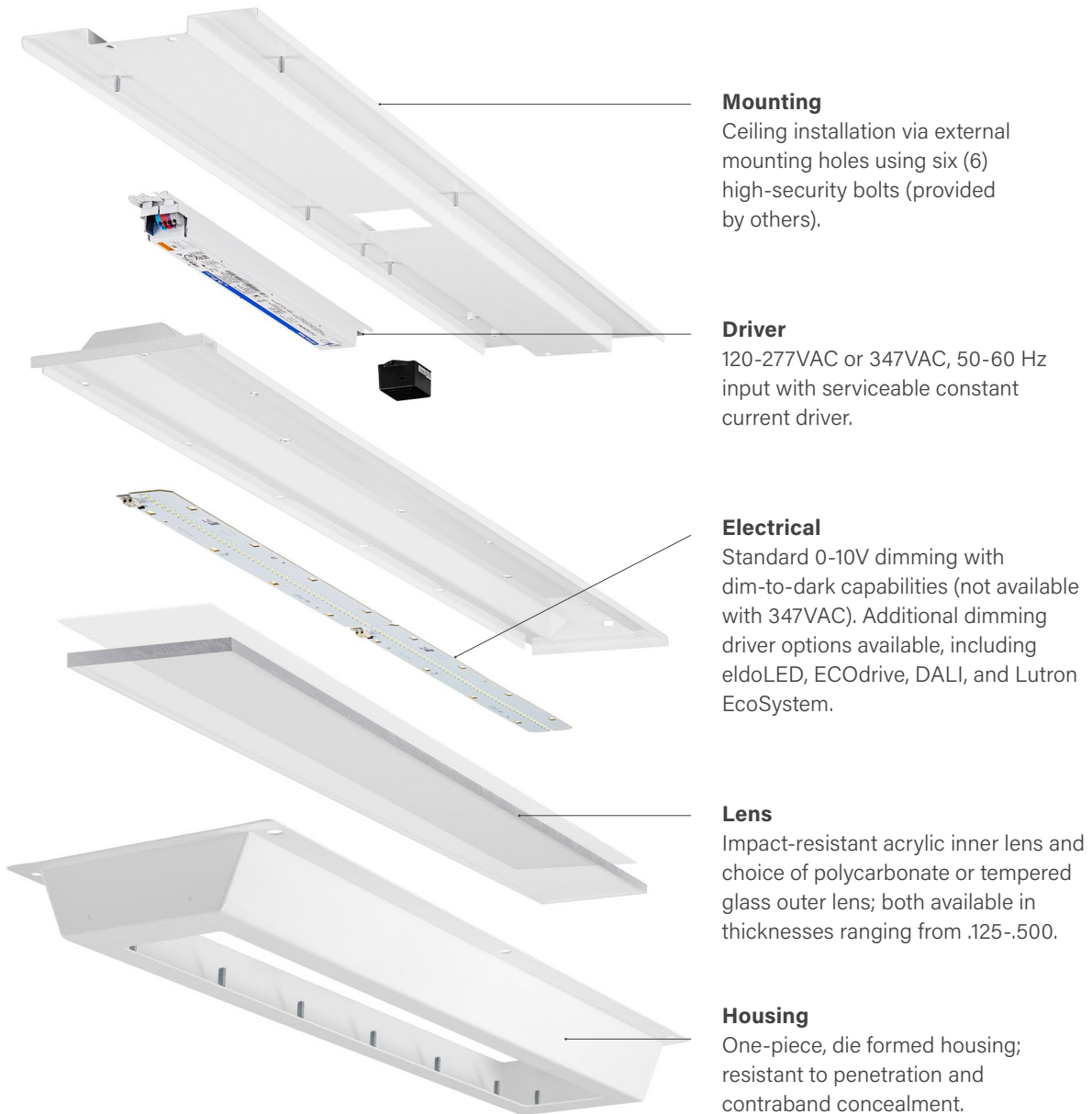
Patent-pending housing eliminates doors and entry points, preventing unauthorized access

One-piece lens bracket: stronger than (4) individual z-brackets

Thick, durable polycarbonate or tempered glass lens prevents penetration into the fixture

The Alcatraz of Lighting

Doorless design virtually eliminates entry to the fixture.



Best Practices: Material Selection & Light Levels

Materials & Gauges

Kenall fixtures meet or exceed every security requirement for their intended application. Whether they are installed in a minimum, medium, maximum, or super-maximum setting, our fixtures are engineered to resist everything from the most violent abuse to the cleverest attempts at tampering and concealment.

Material Selection Guidelines				
Security Levels	Minimum	Medium	Maximum	Super-Maximum
Housing Gauge, Steel	18	16	14	12
Housing Gauge, Stainless Steel	20	18	16	14
Inner Lens	.125"	.125"	.125"	.125"
Outer Lens-Polycarbonate	.187"	.250"	.375"	.500"
Outer Lens -Tempered Glass	.250"	.375"	.500"	.750"
Fasteners	TP (Tamper-proof)	Recessed TP	Recessed TP	Recessed TP

Recommended Lighting Levels

These optical systems are specifically engineered to provide Illuminating Engineering Society (IES), American Correctional Association (ACA), and Federal Bureau of Prisons (FBOP) recommended footcandle levels for their intended applications.

Recommended Minimum Lighting Levels (Footcandles)			
Application	IES Recommended	ACA Required	FBOP Required
Cells	N/A	20*	20
Corridors	10–20	—	—
Dayrooms	30–50	—	—
Catwalks	10–20	—	—
Washrooms	20	—	—
Showers	10	—	—
Cafeterias	15	—	—
Kitchens	50–100	—	—
Recreation Areas	—	—	—
Sally Ports	—	—	—
* Grooming and desk area only			



Cells: Limited supervision & greater inmate accessibility demands the ultimate vandal resistant lighting



Kenall builds luminaires to the most stringent standards, so they can endure the harsh environment of the prison cell.

1. Levels of security

Because inmates are unsupervised for the majority of their in-cell time, cells represent the toughest possible environment for light fixtures. This makes this application the primary focus of the correctional lighting industry: luminaires must be able to withstand extreme physical abuse, and repeated attempts at entry, concealment and tampering.

To support this effort, MightyMac™ luminaires incorporate best practices, featuring:

- Fully-recessed fasteners
- Irretrievable blade traps
- Choice of 12, 14-, or 16-gauge housing construction
- Wide selection of impact-resistant lensing materials and thicknesses

2. Installation & maintenance

Mighty Mac's modular design minimizes installation and maintenance time: the optional gear tray can be removed with quick disconnects. Maintenance personnel can then replace the gear tray with a spare assembly, and any necessary repairs can be completed in the maintenance shop. This dramatically reduces the amount of time spent in the cell, increasing staff and inmate safety.

3. Recommended light levels

Recommending Organization	Area to be lit	Recommended fc
ACA	Grooming/ desk	20

Kenall offers ceiling-, wall- and corner-mounted fixtures that provide both general and localized cell illumination. Kenall's optional heavy-gauge mechanical and solid-state electronic switching devices allow inmates to control light output.

4. Housing styles

Three different housing styles are available for cell lighting applications:

Clamshell Housing

- Attached to the baseplate by an internal hinge
- Features an irretrievable blade trap
- Not designed for use with surface conduit or surface caulking

Hinged Door Housing

- Features a hinged door, for easy interior access
- Protected against tampering by pickproof caulking material (by others)

Doorless Housing

- No access: firmly secured to the ceiling
- Smaller, less intrusive profile
- Long LED life (80,000 hours, or up to 13 years*) eliminates the need for servicing.

Recommended luminaires include:



SSAS
Page 30



SDSA
Page 31



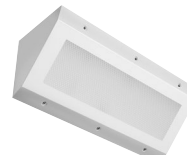
WCBHS
Page 40



SSA
Page 30



WCBU
Page 42



CC
Page 45

Corridors: Increased supervision here shifts lighting focus to aesthetics & mounting flexibility.



Whether your corridor project has a security, suspended, metal pan, or gypsum ceiling, Kenall has a luminaire perfectly suited to your ceiling type.

1. Levels of Security

Since corridors are typically supervised, they do not require the use of maximum-security fixtures. Designed to accommodate a variety of applications, Kenall's convertible, recessed luminaires can be specified with 16-gauge steel housings, and lenses that range in thickness from .187" to .250".

2. Installation & Maintenance

Kenall's convertible luminaires work with most ceiling types, making them ideal for instances when the corridor ceiling design has not been determined, or is expected to change in the future.

3. Recommended Light Levels

Recommending Organization	Area to be lit	Recommended fc
IES	Corridor	10-20
IES	Dayroom	30-50

4. Aesthetics

Due to the reduced security requirements, many minimum-security facilities may not appear as "institutional" as other correctional facilities. Kenall's high abuse fixtures may be used to give corridors a more residential feel in those particular applications.

Recommended luminaires include:



SSB
Page 30



SDA
Page 32



RMCA
Page 35



RMCD
Page 35

Washrooms: Requires lighting impervious to vandalism & moisture to ensure long life



Kenall meets challenging washroom lighting requirements with fixtures that are safe, secure, and impervious to the rust and corrosion typically caused by humidity and moisture.

1. Levels of Security

Since light fixtures may be accessible to inmates in unsupervised washrooms, correctional fixtures are recommended. Kenall offers medium- and maximum-security classification ceiling- and corner-mounted luminaires, both of which deliver unsurpassed quality and durability for washroom applications.

2. Installation & Maintenance

Due to the regular exposure of washroom lighting to moisture, luminaires must be properly designed for use in wet environments. Kenall's stainless steel correctional fixtures are wet-location listed and resistant to rust and corrosion.

3. Recommended Light Levels

Recommending Organization	Area to be lit	Recommended fc
IES	Showers	20
IES	Mirrors	20

Corner mount fixtures are typically used over mirrors at sink locations, while ceiling-mounted fixtures are typically installed in showers.

4. Housing Styles

Most correctional washroom fixtures feature hinged-door housings. The luminaire remains protected against tampering by pick-proof caulking (by others). The hinged-door style is also available with a wet location listing.

5. Aesthetics

Kenall's recommended washroom fixtures are protected by stainless steel construction and powder-coat finishes, so they won't suffer from the moisture problems that make other security detention fixtures look old before their time.

Recommended luminaires include:



SDSA
Page 31



SQCA
Page 34



RQCA
Page 34



CD
Page 45

Cafeterias: NSF-listed & vandal-resistant lighting promotes both facility security & food safety



Only Kenall offers maximum-security correctional lighting listed with the National Sanitation Foundation (NSF). Designed for use in food preparation, serving and dining areas, NSF-listed luminaires meet the toughest safety standards, while also providing the cleanability critical for food service applications.

1. Levels of Security

High abuse lighting can be used effectively in high ceiling applications, while security-rated fixtures are necessary for low ceiling areas where lighting may be accessible to inmates.

2. Installation & Maintenance

Kenall's removable gear tray option means that service to the fixture can be performed in a matter of minutes.

3. Recommended Light Levels

Recommending Organization	Area to be lit	Recommended fc
IES	Institutional eating areas	15
IES	Institutional kitchens	50-100

4. Housing Styles

The hinged-door housing style is typically used in cafeterias. This provides quick access to the fixture's interior, while the luminaire housing is protected against tampering by pickproof caulk (by others).

Recommended luminaires include:



SDA
Page 32



SDD
Page 32



RMCA
Page 35



RMCD
Page 35

Recreation Areas - choose lighting that works for high ceilings & high security



Kenall makes rugged, high-lumen lighting for indoor recreation areas of varying ceiling heights.

1. Levels of Security

High abuse luminaires can be used in areas with high ceilings, while correctional fixtures are necessary for areas where lighting may be inmate-accessible. In both cases, Kenall offers fixtures that do the job effectively and economically.

2. Installation & Maintenance

Kenall's fixtures are easy to install and require minimal maintenance. Both high abuse and security-grade fixtures are designed with high quality housings for fast, trouble-free installation. Impact resistant lenses and long life LEDs also require minimal maintenance—especially important considerations in high-ceiling applications where fixture inaccessibility can otherwise be a problem.

3. Recommended Light Levels

Recommending Organization	Area to be lit	Recommended fc
IES	Recreation area	40

4. Housing Styles

Our ceiling mounted security fixtures are available in clamshell and hinged door housing configurations. High abuse fixtures come in a variety of housing shapes and sizes.

Recommended luminaires include:



SSA
Page 30



SSC
Page 30



RMCD
Page 35



MLHA
Page 51

Sally Ports - Select durable luminaires with adequate lumens for supervised transition areas



Proper lighting is key to ensuring effective staff performance in important processing areas. Kenall offers a variety of high abuse and correctional LED lighting solutions to meet the needs of this application.

1. Levels of Security

Sally ports are secured and supervised areas, and are therefore well suited for Kenall's high abuse fixtures.

2. Recommended Light Levels

Recommending Organization	Area to be lit	Recommended fc
IES	Sally Port	40

3. Installation & Maintenance

Kenall high abuse lighting is designed for fast installation and easy maintenance. All high abuse luminaires are also covered by Kenall's exclusive **Peace of Mind Guarantee**.

4. Housing Styles

All of Kenall's high abuse fixtures are wet location listed: many of these luminaires are also sealed and IP-rated against the ingress of dust and moisture.

5. Aesthetics

By using only heavy-duty housing materials and high-quality polyurethane powder coating, Kenall luminaires maintain their like-new appearance for years – even with minimal maintenance.

Recommended luminaires include:



SH848
Page 51



N1048
Page 50



HASEDI
Page 50



MLHA
Page 51

Exteriors – Lighting Choices Should Reflect the Need for Safety & Environmental Continuity



Correctional facilities need to blend in with – and even complement – local architectural environments. That's why Kenall's uniquely attractive and durable Millennium™ fixtures are the perfect choice for exterior wall applications.

1. Aesthetics

Exterior light fixtures must blend in with the surrounding architecture, while also eliminating nuisance issues including light trespass and glare. Kenall offers a complete line of architecturally-pleasing luminaires that are available with features that reduce glare, direct light appropriately, and stand up to intentional or accidental breakage.

2. Levels of Security

To work effectively night after night, building mounted fixtures need to successfully resist physical abuse and harsh environmental conditions. Kenall's high abuse fixtures are unsurpassed in their ability to withstand both.

3. Recommended Light Levels

Due to their advanced optical systems, Kenall luminaires can easily meet exterior illumination requirements – even in widely-spaced layouts – without creating unattractive, discomforting glare.

4. Installation & Maintenance

All Kenall high abuse fixtures are designed for easy installation and long life. IP-rated, sealed housings mean dirt, bugs, moisture and environmental debris can't get in. Corrosion-resistant construction, including die-cast, marine-grade aluminum baseplates and stainless steel hardware, protect these luminaires for decades. They are also protected by Kenall's exclusive Peace of Mind Guarantee™ against breakage for the life of the installation.

Recommended luminaires include:



FN Series
Page 52



FNL Series
Page 52



Millennium Series
Page 55



H Series
Page 55



Exclusive Kenall Option: Indigo-Clean® technology

Protecting Staff & Inmates Using the Power of Visible Light Disinfection

H1N1 complicated by MRSA causing most serious prison illness

Terra Haute Tribune-Star

Lawsuit filed against Allen County [Ohio] Jail

hometownstations.com

MRSA bacteria target crowded places with poor hygiene

USA Today

Prison guard who lost legs because of work-related infections fights 5 years for benefits

hawaiinewsnow.com

Disinfect your correctional environment with Kenall luminaires using Indigo-Clean technology. These luminaires utilize a safe, state-of-the-art technology to kill harmful bacteria in highly populated environments, such as cells, washrooms, workout areas, dayrooms, infirmaries, corridors and more. These revolutionary LED luminaires combine white ambient light with 405nm Indigo light to provide single-mode environmental disinfection.

Kenall's correctional luminaires using Indigo-Clean technology

- Kill harmful bacteria, including Staph*, such as MRSA**, per independent lab test results
- Unlike UV disinfection devices, light is safe for room occupants and requires no special technician
- Provides a cleaner, safer environment, even in areas normal cleaning doesn't reach

[See Correctional ICT Products](#)

*Per independent lab report #SG5-09S16032699. Contact manufacturer for a copy of this report.

**Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details.

A brand of  **legrand**

Create a Cleaner, Safer Facility with Single-Mode Environmental Disinfection



How Indigo-Clean® Works

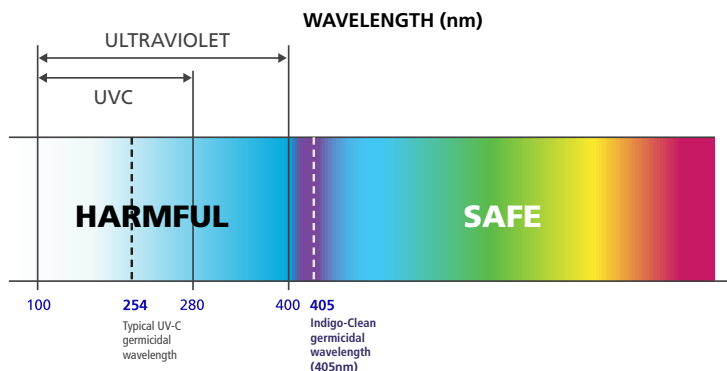
Kenall's correctional luminaires using Indigo-Clean technology combine white, ambient light with 405nm Indigo light to provide single-mode environmental disinfection with the flick of your light switch.

- The 405nm light targets bacteria and produces intra-cellular Reactive Oxygen Species (ROS)
- Similar to bleach, these ROS kill the bacteria and prevent it from re-populating the space
- The 405nm emitted from Indigo-Clean technology reflects off of walls and surfaces

Indigo-Clean technology



Visible light spectrum showing the active element in Indigo-Clean



Keep Staff & Inmates Safe

**Kill Staph,*
such as
MRSA****

Learn more about single-mode environmental disinfection at www.kenall.com

* per independent lab report #SGS-09S16032699
Contact Kenall Lighting for a copy of this report.

** Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016.



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details.

A brand of **legrand**

The Benefits of Tuning Light to Occupant Needs

What Is Tunable White Technology?

Tunable white technology enables personnel to independently control both color temperature and intensity of light within a given application. This provides the ability to change the color of light from warm to neutral to cool in appearance, over time, based on the needs of the occupant or space.

Recent studies on productivity and health suggest that the ability to tune the color temperature of light based on application, event need, or occupant preference yields significant benefits.

Kenall combines our white color tuning with dimming to provide even greater flexibility in adjusting the lighting needs of these spaces:

- Cells
- Dayrooms
- Sally Ports
- Control rooms



The Primary Benefit of Tunable Lighting: Circadian Entrainment

Scientific studies have shown that when indoor light mimics the warm-to-cool cycle of natural daylight, people receive a number of psychological benefits, including:

- Keeps staff mentally alert during overnight shifts
- Helps inmates maintain daily circadian rhythms
- *Reduces agitation and irritability*

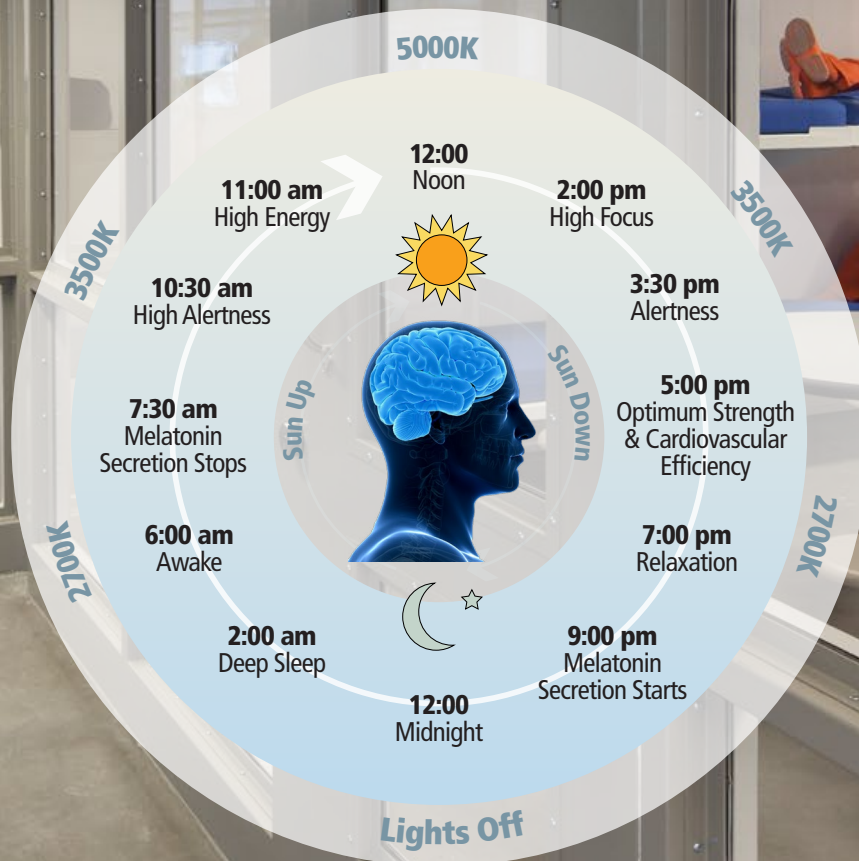
Controls

The key to achieving the perfect balance of color and intensity of light is the use of appropriate controls. Kenall offers a choice of 0-10V Dimming or Digital Addressable Lighting Interface (DALI), for more sophisticated capabilities. Both options provide the ability to interface with your choice of building automation system. For your convenience, Kenall's tunable white products are compatible with a wide range of controls; from the simpler Pico and EcoSystems® to the more sophisticated Fresco™ system. Consult factory regarding specific controls compatibility.

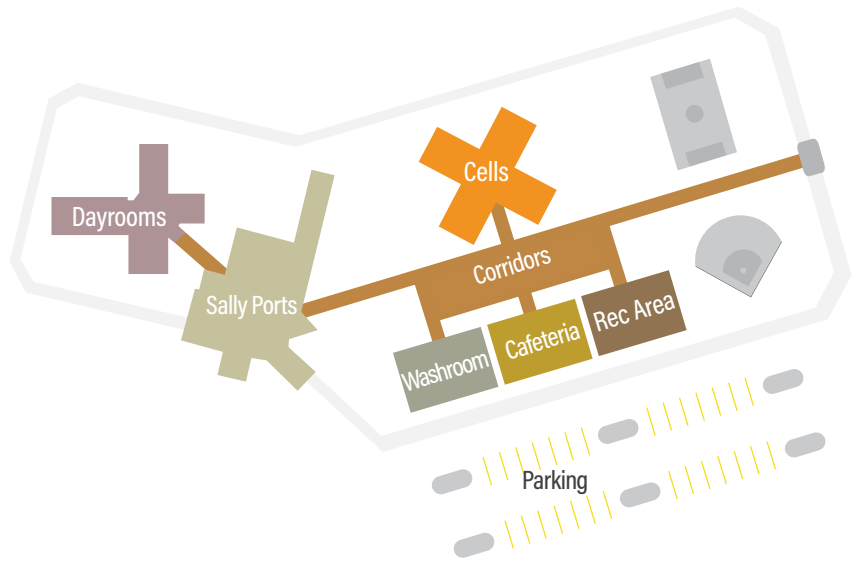
See Correctional Tunable White Products

Natural Light Simulation

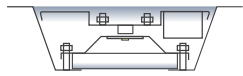
Circadian Entrainment Reduces Agitation & Irritability



Security Detention Luminaires At-a-Glance

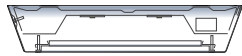


Ceiling Mount Luminaires



MightyMac™
SSAS Series
Surface/Doorless
Page 30

Cells Corridors Dayrooms Rec Area



MightyMac™
SSA/SSB/SSC/SSD Series
Surface/Clamshell
Page 30

Cells Corridors Dayrooms Rec Area



MightyMac
SDSA Series
Surface/Hinged Door
Page 31

Cells Corridors Dayrooms Washroom



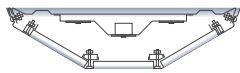
MightyMac
SCA/SCD Series
Surface/Clamshell
Page 31

Cells Corridors Dayrooms



MightyMac
SDA/SDD Series
Surface/Hinged Door
Page 32

Cells Corridors Dayrooms



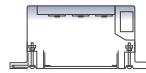
MightyMac
SCH Series
Surface/Clamshell
Page 33

Cells Corridors Dayrooms



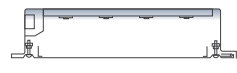
MightyMac
SCT Series
Surface/Clamshell
Page 33

Cells Corridors Dayrooms



MightyMac
RMCA Series
Recessed Ceiling-Mount
Page 35

Corridors Dayrooms Cafeteria Washroom



MightyMac
RMCD Series
Recessed Ceiling-Mount
Page 35

Corridors Dayrooms Cafeteria Washroom Rec Area



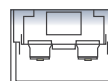
Millenium™
HADL 6" Flush Downlight
Ceiling Mount
Pages 36

Corridors Dayrooms



Nova™
N524/N548 Series
Surface/Ceiling or Wall Mount
Page 50

Corridors Sally Ports



Sheriff™
SH5, SH596, SH8, SH12 Series
Surface/Ceiling or Wall Mount
Pages 51

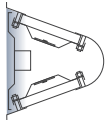
Corridors Sally Ports



High Abuse
HASDI Series
Recessed Ceiling-Mount
Pages 50

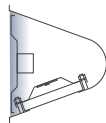
Cafeteria Washroom Rec Area Sally Ports

Wall Mount Luminaires



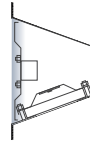
MightyMac
WCBs
Surface/Doorless
Page 40

Cells Washroom



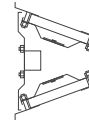
MightyMac
WCBHS
Surface/Doorless
Page 40

Cells Washroom



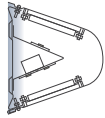
MightyMac™
WCHS
Surface/Doorless
Page 41

Cells Washroom



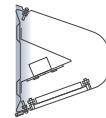
MightyMac
WCUS
Surface/Doorless
Page 41

Cells Washroom



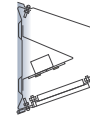
MightyMac
WCBU
Surface/Clamshell
Page 42

Cells Washroom



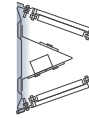
MightyMac
WCB
Surface/Clamshell
Page 42

Cells Washroom



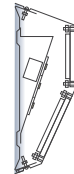
MightyMac
WCH
Surface/Clamshell
Page 43

Cells Washroom



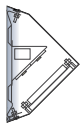
MightyMac™
WCU
Surface/Clamshell
Page 43

Cells Washroom



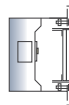
MightyMac
WCD Series
Surface/Clamshell
Page 44

Cells Washroom



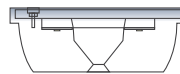
MightyMac
WCT
Surface/Clamshell
Page 44

Cells Washroom



MightyMac
RFW Series - Step Light
Recessed Flange
Page 46

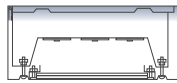
Corridors



Nova™ 1024/1048 Series
Surface/Ceiling or Wall Mount
Page 50

Corridors

Square Luminaires



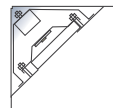
MightyMac
SQCA Series
Surface/Clamshell
Page 34

Corridors Washroom Rec Area



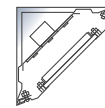
MightyMac
RQCA Series
Surface/Clamshell
Page 34

Corridors Washroom Rec Area



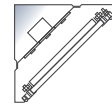
MightyMac
CCS Series
Surface/Doorless
Pages 45

Corridors Washroom Rec Area



MightyMac
CC Series
Surface/Clamshell
Pages 45

Corridors Washroom Rec Area



MightyMac
CD Series
Surface/Hinged Door
Page 45

Corridors Washroom Rec Area

Corner Mount Luminaires

Wall Plate, Exit Signs



MightyMac
WSP/WPP Series - Wall Plates
Surface & Concrete Pour
Page 46



MightyMac
MMEX Series
MightyMac Exit Sign
Wall/Ceiling Mount
Page 46

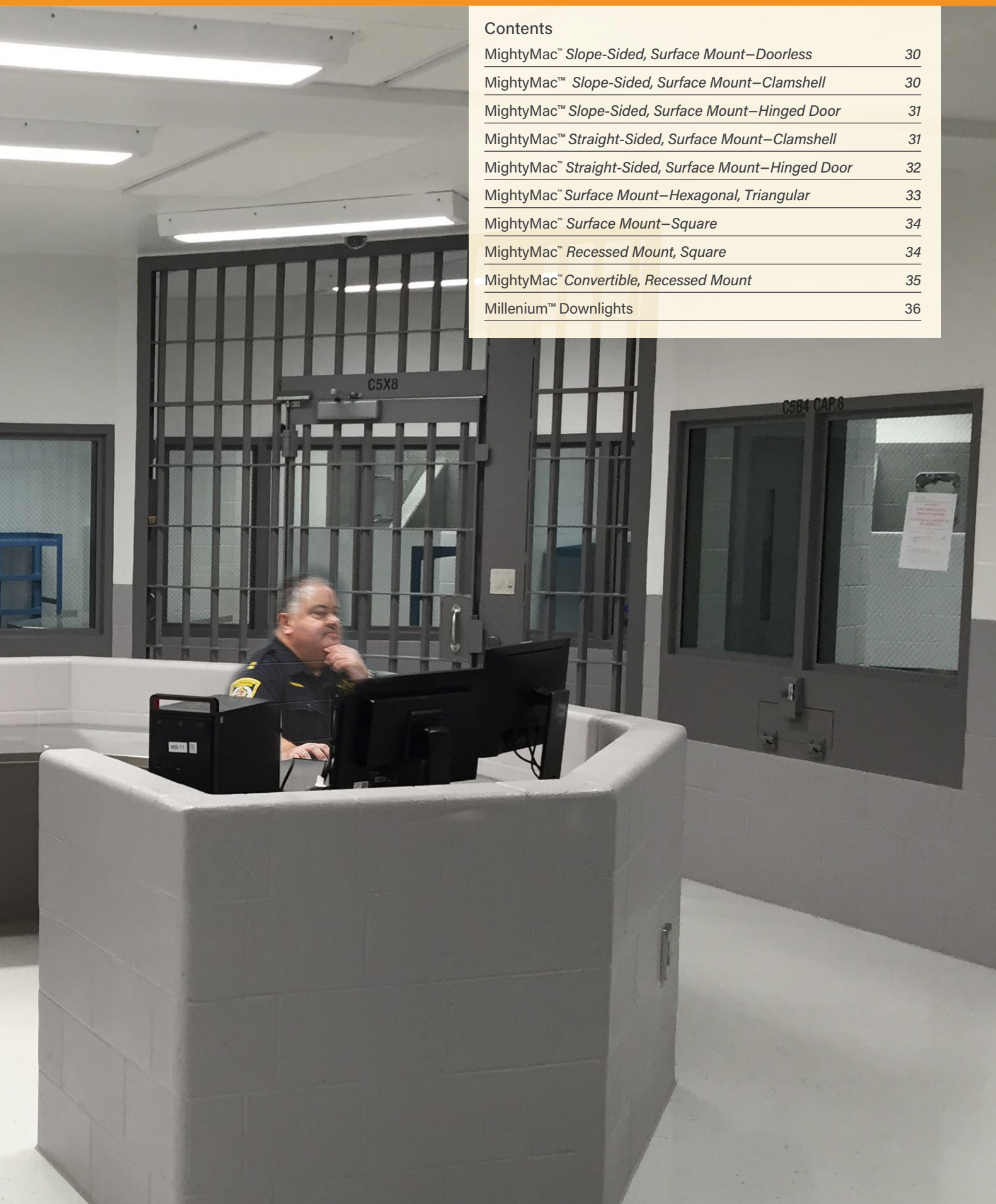


Millenium™
METSW/METSU/METDU Series
Millenium Metrex Exit Signs
Wall/Ceiling Mount
Pages 46



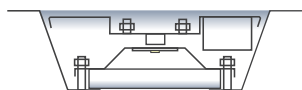
Contents

MightyMac™ Slope-Sided, Surface Mount–Doorless	30
MightyMac™ Slope-Sided, Surface Mount–Clamshell	30
MightyMac™ Slope-Sided, Surface Mount–Hinged Door	31
MightyMac™ Straight-Sided, Surface Mount–Clamshell	31
MightyMac™ Straight-Sided, Surface Mount–Hinged Door	32
MightyMac™ Surface Mount–Hexagonal, Triangular	33
MightyMac™ Surface Mount–Square	34
MightyMac™ Recessed Mount, Square	34
MightyMac™ Convertible, Recessed Mount	35
Millenium™ Downlights	36



MightyMac™ Slope-Sided, Surface Mount–Doorless**NEW**

Surface/Doorless

**SSAS Series**

- Delivered lumen range: 2,235 lm – 5,035 lm
- Input Power: 22 – 43W
- Efficacy: 96 – 122 lm/W
- Long life LEDs: 60,000 – 85,000 hours (L70)

Nominal size:	9" × 36"
Installation type:	surface ceiling mount
Lamp type:	LED

**MightyMac™ Slope-Sided, Surface Mount–Clamshell****SSA Series****SS_ Series**

- Delivered lumen range: 2,608 – 11,867 lm
- Input power: 28 – 97W
- Efficacy: 72 – 130 lm/W
- Completely concealed internal drop slot piano hinge
- Die-formed blade trap (1/4" minimum) prevents contraband concealment and unauthorized access
- *Single-mode Indigo-Clean technology and Tunable White options available

SSB Series**SSC Series****SSD Series****Nominal Sizes**

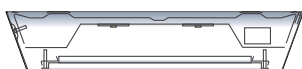
SSA:	12" × 24", 12" × 48"
SSB:	16" × 24", 16" × 48"
SSC:	20" × 24", 20" × 48"
SSD:	24" × 24", 24" × 48"
Installation type:	surface ceiling mount
Lamp Types:	LED, T5, T5HO, T8



SSA-TW and SSA-ICT

SSA Only SSA Only

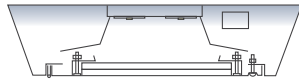
Surface/Clamshell



* per independent lab report #SGS-09S16032699.
Contact Kenall Lighting for a copy of this report** Antimicrobial Activity of a Continuous Visible Light
Disinfection System by Rutala, et. al, ID Week 2016

MightyMac™ Slope-Sided, Surface Mount—Hinged Door

Surface/Hinged Door

**SDSA Series**

- Delivered lumen range: 2,369 – 7,708 lm
- Input power: 28 – 94W
- Efficacy: 67 – 105 lm/W
- Optional concealed piano hinge
- *Single-mode Indigo-Clean technology and Tunable White options available

Nominal size:	12"× 24", 12"× 48"
Installation type:	surface ceiling mount
Lamp Types:	LED, T5, T5HO



* per independent lab report #SGS-09S16032699.
Contact Kenall Lighting for a copy of this report** Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016

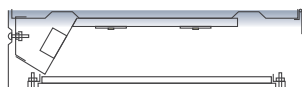
MightyMac™ Straight-Sided, Surface Mount—Clamshell

SCD Series



SCA Series

Surface/Clamshell

**SCD/SCA Series**

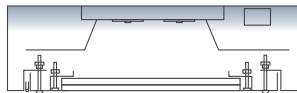
- Delivered lumen range: 2,362 – 11,038 lm
- Input power: 28 – 97W
- Efficacy: 83 – 121 lm/W
- Full-length, concealed, internal piano hinge

Nominal Sizes	
SCA:	12"× 24", 12"× 48"
SCD:	24"× 24", 24"× 48"
Lamp Types:	LED, T8



MightyMac™ Straight-Sided, Surface Mount–Hinged Door

Surface/Hinged Door

**SDA Series**

- Delivered lumen range: 4,122 – 7,722 lm
- Input power: 46 – 74W
- Efficacy: 89 – 106 lm/W
- Staked and welded external piano hinge standard, Options for internal hinge and full length internal hinge

Nominal Sizes

SDA:	12"× 24", 12"× 48"
Lamp Types:	LED, T5, T5HO, T8

**SDD Series**

- Delivered lumen range: 2,898 – 11,464 lm
- Input power: 28 – 97W
- Efficacy: 102 – 131 lm/W
- Staked and welded external piano hinge standard. Options for internal hinge and full length internal hinge

Nominal Sizes

SDD:	24"× 24", 24"× 48"
Lamp Types:	LED, T5, T5HO, T8

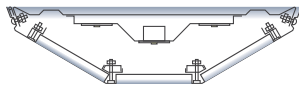


Surface/Hinged Door



MightyMac™ Surface Mount—Hexagonal, Triangular

Surface/Clamshell

**SCH Series**

- Delivered lumen range: 5,373 – 11,407 lm
- Input Power: 44 – 97W
- Efficacy: 109 – 130 lm/W
- Tri-aperture housing
- Completely concealed, internal drop-slot piano hinge

Nominal Sizes: 20" × 24", 20" × 48"
Lamp types: LED, T8

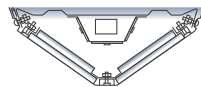
**SCT Series**

- Delivered lumen range: 2,898 – 11,646 lm
- Input Power: 28 – 97W
- Efficacy: 102 – 131 lm/W
- Dual-aperture housing
- Completely concealed, internal drop-slot piano hinge

Nominal Sizes: 12" × 24", 12" × 48"
Lamp types: LED, T8, T5, T5HO



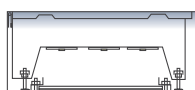
Surface/Clamshell



MightyMac™ Surface Mount–Square



Surface /Clamshell



SQCA Series

- Delivered lumen range: 1,711 – 1,897 lm
- Input power: 29W
- Efficacy: 59 – 65 lm/W
- Completely concealed, internal drop-slot piano hinge

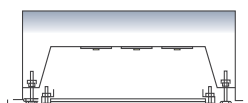
Nominal Size: 13"×13"
Lamp type: LED



MightyMac™ Recessed Mount, Square



Recessed Mount



RQCA Series

Delivered lumen range: 1,711 – 1,897 lm

- Input Power: 29W
- Efficacy: 59 – 65 lm/W
- Full-length, concealed internal piano hinge

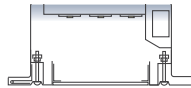
Nominal Size: 12"×12"
Lamp type: LED



MightyMac™ Convertible, Recessed Mount



Recessed Mount



RMCA Series

- Delivered lumen range: 1,867 – 7,503 lm
- Input Power: 28 – 97W
- Efficacy: 66 – 83 lm/W
- Suitable for both grid and flange applications
- Full-length, concealed internal piano hinge
- *Single-mode Indigo-Clean technology and Tunable White options available

Nominal Sizes

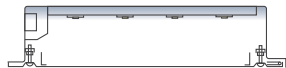
RMCA:	12" × 24", 12" × 48"
Lamp types:	LED, T8



* per independent lab report #SGS-09S16032699.
Contact Kenall Lighting for a copy of this report** Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016



Recessed Mount



RMCD Series

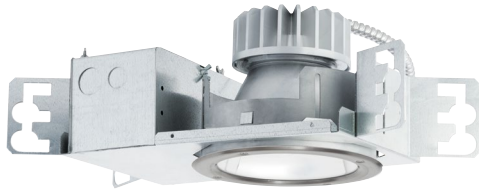
- Delivered lumen range: 4,027 – 9,529 lm
- Input Power: 46 – 97W
- Efficacy: 86 – 104 lm/W
- Suitable for both grid and flange applications
- Full-length, concealed internal piano hinge
- *Single-mode Indigo-Clean technology and Tunable White options available

Nominal Sizes

RMCD:	24" × 24", 24" × 48"
Lamp types:	LED, T8



* per independent lab report #SGS-09S16032699.
Contact Kenall Lighting for a copy of this report** Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016

Millenium™ Downlights**HADL6 Series**

- Delivered lumen range: 715 – 5,305 lm
- Input Power: 15 – 62W
- Efficacy: 48 – 86 lm/W
- Single-mode Indigo-Clean technology option available

Nominal Size: 6" aperture
Lamp type: LED







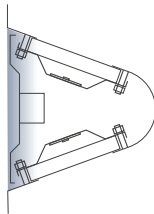


Contents

MightyMac™ Bull-Nose, Wall Mount–Doorless	40
MightyMac™ Wall Mount–Doorless	41
MightyMac™ Bull-Nose, Wall Mount–Clamshell	42
MightyMac™ Wall Mount–Clamshell	43
MightyMac™ Dual-Aperture, Wall Mount–Clamshell	44
MightyMac™ Single-Aperture, Wall Mount–Clamshell	44
MightyMac™ Corner Mount–Doorless	45
MightyMac™ Corner Mount–Clamshell	45
MightyMac™ Corner Mount–Hinged Door	45
Exit Lights, step lights, wall plates	46

MightyMac™ Bull-Nose, Wall Mount–Doorless**NEW**

Surface/Doorless

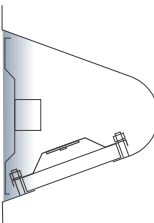
**WCBS Series**

- Delivered lumen range: 6,056 – 10,265 lm
- Input power: 57 – 81W
- Efficacy: 104 – 128 lm/W
- Two apertures provide both up and down light

Nominal size:	9" × 38.5", 6.5" deep
Installation type:	wall mount
Lamp type:	LED

**NEW**

Surface/Doorless

**WCBHS Series**

- Delivered lumen range: 2,339 – 5,270 lm
- Input power: 22– 44W
- Efficacy: 98 – 127 lm/W
- Downlight only

Nominal size:	9" × 38.5", 6.5" deep
Installation type:	wall mount
Lamp type:	LED

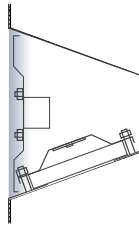


MightyMac™ Wall Mount—Doorless

NEW



Surface/Doorless



WCHS Series

- Delivered lumen range: 2,339lm – 5,270lm
- Input power: 22 – 44W
- Efficacy: 98 – 127 lm/W
- Downlight only

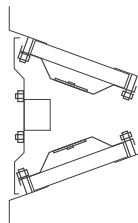
Nominal size:	8" × 38.5"
Installation type:	wall mount
Lamp type:	LED



NEW



Surface/Doorless



WCUS Series

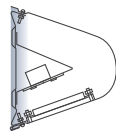
- Delivered lumen range: 6,056lm – 10,265lm
- Input power: 57 – 81W
- Efficacy: 104 – 128 lm/W
- Two apertures provide both up and down light

Nominal size:	8" × 38.5"
Installation type:	wall mount
Lamp type:	LED



MightyMac™ Bull-Nose, Wall Mount–Clamshell

Surface/Clamshell

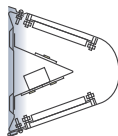
**WCB Series**

- Delivered lumen range: 2,001 – 4,200 lm
- Input Power: 28 – 47W
- Efficacy: 70 – 89 lm/W
- Completely concealed, internal drop-slot piano hinge
- Downlight only

Nominal Sizes: 9"× 11"× 29", 9"× 11"× 53"
Lamp Types: LED



Surface/Clamshell

**WCBU Series**

- Delivered lumen range: 4,348 – 9,128 lm
- Input Power: 57 – 94W
- Efficacy: 77 – 97 lm/W
- Completely concealed, internal drop-slot piano hinge
- Two apertures provide both up and down light

Nominal Sizes: 9"× 11"× 29", 9"× 11"× 53"
Lamp Types: LED



MightyMac™ Wall Mount—Clamshell



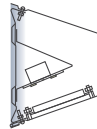
WCH Series - Single Aperture

- Delivered lumen range: 2,775 – 3,076 lm
- Input Power: 50W
- Efficacy: 56 – 62 lm/W
- Completely concealed, internal drop slot piano hinge

Nominal Sizes: 7"× 11"× 29", 7"× 11"× 53"
Lamp Types: LED



Surface/Clamshell



WCU Series - Dual Aperture

- Delivered lumen range: 4,552 – 9,278 lm
- Input Power: 57 – 92W
- Efficacy: 80 – 101 lm/W
- Completely concealed, internal drop slot piano hinge

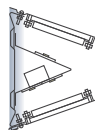
Nominal Sizes: 7"× 11"× 29", 7"× 11"× 53"
Lamp Types: LED



Wet/Damp

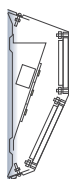


Surface/Clamshell



MightyMac™ Dual-Aperture, Wall Mount–Clamshell

Surface/Clamshell

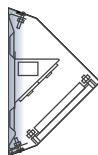
**WCD Series**

- Delivered lumen range: 4,164 – 8,839 lm
- Input Power: 45 – 97W
- Efficacy: 85 – 100 lm/W
- Completely concealed, internal drop slot, clevis-style hinge

Nominal Sizes: 7"×17"×27"; 7"×17"×51"
Lamp types: LED, T8

**MightyMac™ Single-Aperture, Wall Mount–Clamshell**

Surface/Clamshell

**WCT Series**

- Delivered lumen range: 2,164 – 4,411 lm
- Input Power: 28 – 46W
- Efficacy: 76 – 95 lm/W
- Completely concealed, internal drop slot piano hinge

Nominal Sizes: 9"×14"×29", 9"×14"×53"
Lamp types: LED, T8

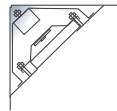


MightyMac™ Corner Mount–Doorless

NEW



Surface/Doorless



CCS Series

- Delivered lumen range: 2,247 lm – 5,064 lm
- Input Power: 22 – 43W
- Efficacy: 96 – 122 lm/W
- Long life LEDs: 60,000 – 85,000 hours (L70)

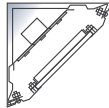
Nominal size: 7" x 36"
Installation type: corner ceiling mount
Lamp type: LED



MightyMac™ Corner Mount–Clamshell



Corner Mount/Clamshell



CC Series

- Lumen packages: 2,267 – 9,112 lm
- Input Power: 28 – 97W
- Efficacy: 80 – 99 lm/W
- *Single-mode Indigo-Clean technology and Tunable White options available
- Completely concealed, internal piano hinge

Nominal Sizes: 9" x 24"; 9" x 48"
Lamp types: LED, T5, T5HO, T8

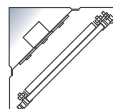


* per independent lab report #SGS-09S16032699.
Contact Kenall Lighting for a copy of this report** Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016

MightyMac™ Corner Mount–Hinged Door



Corner Mount/Hinged Door



CD Series

- Lumen packages: 2,217 – 8,911 lm
- Input Power: 28 – 97W
- Efficacy: 78 – 97 lm/W
- *Single-mode Indigo-Clean technology and Tunable White options available
- Staked and welded external piano hinge

Nominal Sizes: 8" x 24"; 8" x 48"
Lamp types: LED, T5, T5HO, T8



* per independent lab report #SGS-09S16032699.
Contact Kenall Lighting for a copy of this report** Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details.

A brand of **legrand**

MightyMac™ Exit Lights



MME Series

- Surface mount – wall or ceiling
- 14-gauge cold rolled steel or stainless steel housing
- Indirect red or green LED
- Single and dual-face options



Millenium™ Exit Lights



METSU, METDU, METSW Series

- Surface mount – wall or ceiling; single-face (METSU) or dual-face (METDU) option
- Wall mount – single face (METSW)
- Indirect red or green LED
- Internal battery backup system
- High impact polycarbonate construction



MightyMac™ Step Lights



RFW Series

- Recessed wall mount – 6"×9"
- Available in white, red, blue & amber LED
- Polycarbonate lens resists breakage



MightyMac™ Wall Plates



MightyMac WSP Security Concrete Pour Wall Plate

- Heavy-gauge, prime-grade, cold-rolled or stainless steel cover plate
- Galvanized, pour-in-place back plate
- Single, double or triple gang options

MightyMac WSP Security Surface Wall Plate

- Heavy-gauge, prime-grade, cold-rolled or stainless steel cover plate
- Surface mount
- Single, double or triple gang options



Supporting Products Built with Integrity

Kenall supports every part of the correctional facility with exit signage, step lights and wall plates that use the same high-quality materials and tamper-resistant construction as our other MightyMac product families — so you can count on Kenall, right down to the last detail.





Contents

Nova™ Linear Wraparound	50
High-Abuse, Recessed, Ceiling Mount — Hinged Door	50
Sheriff™ Linear Wraparound	51
Millenium™ Stretch™	51
Millenium™ Finite	52
Millenium™ Finite Linear	52
Millenium™ Rounds, Ovals and Squares	55
Millenium™ Edge™	55
Herculux™	55
SenScape™ Area Series	56
SenScape™	57
TekDek™	57
TekLink™ Lighting Controls	58

Nova™ Linear Wraparound**N5 & N10 Series**

- Delivered lumen range: 1,801 – 9,555 lm
- Input Power: 24 – 99W
- Efficacy: 75 – 108 lm/W
- 16-gauge, cold-rolled steel baseplate with six-point mounting
- UV-stabilized, high-impact polycarbonate lens
- Stainless steel, center-pin Torx® fasteners secure the lens to the baseplate
- Optional corner mount

Nominal Sizes

N548: 5" × 48"

N1048: 10" × 48"

Lamp Types: LED, T5, T5HO, T8



1048 only

High-Abuse, Recessed, Ceiling Mount — Hinged Door

Recessed Hinged Door

**HASEDI Series**

- Delivered lumen range: 4,633 – 22,539 lm
- Input power: 46 – 196W
- Efficacy: 73 – 137 lm/W
- Available with Single-mode Indigo Clean technology
- Suitable for universal installation into 1" and 1.5" grid and flange (drywall) ceilings
- Doorframe secured to housing with continuous piano hinge

Nominal sizes: 1' × 4', 2' × 2' or 2' × 4'

Installation types: Recessed ceiling mount; grid or flange

Lamp type: LED



* per independent lab report #SGS-09S16032699. Contact Kenall Lighting for a copy of this report.

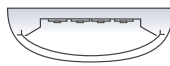
** Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016.

Sheriff™ Linear Wraparound**SH Series**

- Delivered lumen range: 4,674 – 10,434 lm
- Input Power: 48 – 95W
- Efficacy: 97 – 113 lm/W
- 16-gauge, cold-rolled steel baseplate with seam-welded end caps
- Prismatic polycarbonate, wraparound lens
- Stainless steel, center-pin Torx® fasteners secure the lens to the baseplate

Nominal Sizes

SH5:	5"× 24"/36"/48"
SH8:	8"× 24"/36"/48"
SH12:	12"× 48"
SH596:	5"× 96"
Lamp Types:	LED, T5, T5HO, T8, T8HO

**Millenium™ Stretch™****MLHA8****MLHA5****MLHA12****MLHA 5****MLHA 8****MLHA 12****MLHA Series**

- Delivered lumen range: 2,374 – 16,561 lm
- Input power: 25 – 167W
- Efficacy: 84 – 113 lm/W
- Die-cast and extruded, marine-grade aluminum housing
- Polycarbonate lens for added durability
- Patented modular system; continuous row mounting available
- Embedded motion sensing option available (CA Title 24-compliant)
- *Single-mode Indigo-Clean technology and Tunable White options available

Nominal Sizes:	5", 8", 12" widths; 24", 36", 48", 72", 96" lengths
Installation Types:	Surface ceiling, wall corner or optional pendant mount
Lamp Types:	LED, T5, T5HO, T8, T8HO



* per independent lab report #SGS-09S16032699.
Contact Kenall Lighting for a copy of this report** Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016

Millenium™ Finite

FN6



FN15



FN9

FN Series

- Delivered lumen range: 1,788 – 12,221 lm
- Input power: 20 – 122W
- Efficacy: 79 – 123 Lm/W
- Full cut-off, LED wall-pack with classic design aesthetic
- Type II, III and IV optical distribution options
- Available two-circuit and cold-weather battery pack options

Nominal Sizes:

FN9:	9" × 9" × 9"
FN15:	9" × 12" × 15"
FN6:	4" × 6" × 12", 4" × 6" × 24"
Installation Type:	Surface wall mount
Lamp type:	LED

**Millenium™ Finite Linear****FNL Series**

- Delivered lumen range: 1,154 – 6,874 lm
- Input power: 14 – 72W
- Efficacy: 82 – 96 Lm/W
- Marine grade aluminum housing with die-cast end caps
- Embedded motion sensing options available (CA Title 24-compliant)
- Configurable as full-cutoff, full-cutoff/continuous row, uplight, uplight/continuous row

Nominal Sizes:	6"W × 1', 2', 3', 4' & 6' lengths
Installation Type:	Surface wall mount
Lamp Types:	T5, T5HO, T8, LED







Millenium™ Rounds, Ovals and Squares

MR Series



Available Shapes & Housing Styles



MR Series



MO Series



MS Series



Low Profile



Deep

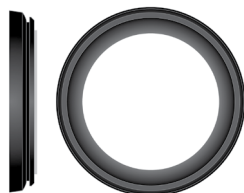


Semi-Recessed

M_ Series

- Delivered lumen range: 871 – 5,672 lm
- Input power: 13 – 57W
- Efficacy: 63 – 118 lm/W
- Die-cast aluminum backplate
- Polycarbonate lens for added durability
- Embedded motion sensing option available (CA Title 24-compliant)

Nominal Size: 13" and 17" diameters
 Installation Types: Surface or semi-recess, wall or ceiling mount options
 Lamp Types: LED

Millenium™ Edge™**MR_FF_ Series**

- Delivered lumen range: 1,111 – 3,206 lm
- Input power: 13 – 29W
- Efficacy: 86 – 111 lm/W
- Marine-grade, die-cast aluminum housing
- Emergency battery backup option available
- Dark-sky friendly (ceiling mount only)



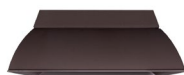
Nominal Sizes: 13" or 17"
 Installation Type: Surface or semi-recessed, ceiling or wall mount
 Lamp type: LED

Herculux™

H612 Series



H1212 Series

**H Series**

- Delivered lumen range: 691 – 5,509 lm
- Input power: 11 – 54W
- Efficacy: 72 – 117 lm/W
- One-piece, powder-coated, marine-grade aluminum backplate
- Injection-molded, UV-resistant polycarbonate diffuser
- Stainless steel, tamper-resistant Torx® fasteners

Nominal sizes: 6"×12", 12"×12"
 Installation Types: Surface ceiling or wall
 Lamp type: LED



SenScape™ Area Series***NEW Lighting that Provides a Safer Path***

Introducing SenScape™ Area Lighting –LED luminaires that integrate sophisticated next-generation controls and optics into a clean design that provides added safety & security. SenScape embeds camera technology in a completely unobtrusive – and undetectable – way; allowing pathways and parking lots to inconspicuously add an extra element of protection.



Post Top Mount

SenScape Area Series

- Delivered lumen range: 1,662–43,347 lm
- Input power: 35–306W
- Efficacy: 90–152 lm/W
- 26" three-arm and 18" two-arm designs
- Camera option

Nominal Sizes:	18" or 26" Diameter
Installation Type:	Pole Mount, Post Top or Wall Mount
Lamp type:	LED



Wall Mount



Pole Mount

SenScape™



SPG18 Series

- Delivered lumen range: 3,319 – 12,051 lm
- Input power range: 35 – 139W
- Efficacy: 81 – 128 lm/W
- Standard & enhanced uplight; 100% downlight versions also available
- Optical patterns designed specifically for covered parking, canopy and low bay applications
- TekLink™ Controls compatible: embedded microwave sensor with an industry exclusive Peace of Mind Guarantee®

Nominal Sizes:	18" Diameter, 4.5" depth
Installation Types:	Direct-to-surface, quick-mount, trunnion kit or pendant-mount
Lamp type:	LED



Polycarbonate Lens & Direct Surface Mount Only

TekDek™



TD17 Series

- Delivered lumen range: 4,104 – 14,866 lm
- Input power range: 36 – 105W
- Efficacy: 96 – 152 lm/W
- Textured tertiary lens for glare reduction; uplight feature to eliminate "cave effect"
- Variety of distribution options
- TekLink™ Controls compatible: embedded microwave sensor with an industry exclusive Peace of Mind Guarantee®

Nominal Sizes:	17" Diameter, Maximum depth 25.5"
Installation Types:	Direct-to-surface, quick-mount, trunnion kit or pendant-mount
Lamp type:	LED



Polycarbonate Lens & Direct Surface Mount Only



TekLink™ Lighting Controls**TekLink: A Full Range of Lighting Control Systems**

Many of our products are controls compatible, and Kenall offers integrated solutions to suit a variety of budgets.

TL50M / TL50DM

Remote Controller



SenScape™

**System Features**

- Embedded motion sensor
- Daylight harvesting
- Settings configurable via remote controller

TL100

Controller



Sensor



SenScape™

**System Features**

- Zonal occupancy detection
- Closed loop daylight harvesting
- One button commissioning

TL1000/TL2000**System Features**

- Web based user interface
- Wired and wireless options
- Email and text alerts
- Power monitoring
- Data reporting

Kenall TekLink Control System Overview

Features	TekLink Cloud				
	TL50	TL100	TL1000	TL2000	TL2000PS
Sensor Technology	Microwave/Infrared	Infrared/Ultrasonic	Infrared/Microwave	Infrared/Microwave	Image Sensor
Wireless Communication				√	√
Adjustable Occupancy Time-Out	√	√	√	√	√
Daylight Feedback	√	√	√	√	√
Adjustable Dim-Level	√	√	√	√	√
Zonal Control		√	√	√	√
One Touch Light Level Commissioning*		√	√	√	√
L70 Detection*		√	√	√	√
Scheduling			√	√	√
Reporting			√	√	√
Car Counting					√
License Plate Recognition					√

*Patent No: US 20120153840

[Learn More About Teklink Controls](#)



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details.

A brand of **legrand**



Warranties

On behalf of our valued customers, Kenall promises to stand behind our luminaires. Our commitment to excellence enables us to offer a variety of product warranties, including the Kenall exclusive Peace of Mind Guarantee, 5-year LED and 10-year limited product warranty. For more detailed, product specific warranty information, please visit our website at www.kenall.com.



Peace of Mind Guarantee

Kenall's High Abuse luminaires are designed and built to take exceptional physical punishment. When installed according to our instructions, Kenall will repair or replace any unit rendered inoperable due to physical abuse for the normal service life of the fixture.



LED 5-year Warranty

This warranty covers select Kenall LED products for a period of 5 years from the date of manufacture. For complete warranty information, please visit us on the web at www.kenall.com.



LED 10-year Warranty

This warranty covers select Kenall LED products for a period of 10 years from the date of manufacture. For complete warranty information, please visit us on the web at www.kenall.com.

Sample Ordering Information

Example: SCA-2-0/0-1-17-IS-1-120-1/B-1)

ORDERING INFORMATION

Model	Size	Housing/Base	Lamp Qty	Lamp Type	Ballast/Driver	Ballast Qty	Voltage	Lens (Inner/Outer)	Fasteners	Options
SCA		/						/		
Nominal Size		Lamp Quantity		Voltage		Fastener		Options		
2	12"×24" (30.48cm×60.96cm)	1	One	120	120 Volts	1	Torx® Head w/ Center Pin	EL	Standard Lumen EL Pack	
4	12"×48" (30.48cm×122cm)	2	Two	277	277 Volts	2	Allen Head w/ Center Pin	PEL	High Lumen EL Pack	
				347	347 Volts			SEL	Specified EL Pack	
				DV	120-277 Volts			DLN	LED Night Light w/Light Level Control (100% - 20%)	
Housing/Base Material		Lamp Type		Lens (Inner/Outer)‡		FS		RG		
0	14-Ga CRS (Painted White)	2' (60.96cm) Nominal Length		0	No Lens		Single Fuse & Holder			
1	16-Ga CRS (Painted White)	17 F17T8		1	.125" (.32cm) Prismatic Acrylic		Removable Gear Tray			
3	14-Ga SS (Painted White)	4' (122cm) Nominal Length		2	.125" (.32cm) Prismatic Polycarbonate		SK	Speaker Housing Extension		
4	16-Ga SS (Painted White)	45L35K 45 Watt 3500K LED (82 CRI)		3	.125" (.32cm) Textured Polycarbonate		TN	PL Night Light - 5/7/9 Watt (Lamp supplied by other) (120/277V only)		
6*	14-Ga SS (Brushed)	45L40K 45 Watt 4000K LED (82 CRI)		G†	.125" (.32cm) Clear Polycarbonate		UV	Ultraviolet Filter		
7*	16-Ga SS (Brushed)	45L50K 45 Watt 5000K LED (82 CRI)		4	.156" (.40cm) Prismatic Polycarbonate					
9	12-Ga CRS (Painted White)	32 F32T8		R	.156" (.40cm) Prismatic Tempered Glass					
		Ballast/Driver Type		6	.187" (.47cm) Prismatic Polycarbonate					
		IS Instant Start Electronic <10% THD (T8)		7†	.187" (.47cm) Clear Polycarbonate					
		RS Rapid Start Electronic <10% THD (CFL, T8)		8†	.187" (.47cm) Clear Tempered Glass					
		SB Specified Ballast		9†	.250" (.64cm) Clear Polycarbonate					
		DCC Dimming Constant Current Driver		A†	.250" (.64cm) Clear Tempered Glass					
		Ballast Quantity		B†	.375" (.95cm) Clear Polycarbonate					
		1 One		C†	.375" (.95cm) Clear Tempered Glass					
		2 Two		J†	.500" (1.27cm) Clear Polycarbonate					
				P†	.500" (1.27cm) Clear Tempered Glass					
				N†	.750" (1.91cm) Clear Tempered Glass					
				SYM*	Symmetric, Diffused DR Acrylic					

*n/a as Base Material

‡Refer to lens specifications

•n/a with LED

†Must be paired with prismatic, textured or

diffused lens when ordering LED lamps

▲Can only be used with clear outer lens



Listings & Certifications

Fixtures designed for use in correctional settings must satisfy a large number of demanding lighting and environmental requirements. Listings applicable to the correctional luminaires featured in this product selector guide are shown below. Please refer to the products within each section of this guide to determine specific listings, or visit us on the web at www.kenall.com



3G—3G testing, which is conducted according to ANSI standard C136.31-2010, simulates the dynamic vibratory stresses that transportation luminaires will experience in the field to determine whether they will be able to withstand such stresses during normal installation in their intended application.



ICT—Indicates white, ambient Kenall luminaires using Indigo-Clean Technology, which kills harmful bacteria, including Staph, such as MRSA.



Tunable White — Tunable white technology enables the user to independently control both color temperature and intensity of light within a given application. This provides the ability to change the color of light from warm to neutral to cool in appearance, over time, based on the needs of the occupant or the space.



ADA Compliant—Although ADA is not specific to lighting, it does impact fixture design by creating standards for wall sconce projection space and hanging light clearance. Section 4.4 of the ADA states that "objects projecting from walls with their leading edges between 27" and 80" above the finished floor shall protrude no more than 4" into walks, halls, corridors, passageways or aisles."



IP64—UL Certified IP64 per IEC 60598 ensures that the enclosure is dust-tight and protected against splashing water without any harmful effects.



UL/CUL Listed—The UL symbol signifies that Underwriter's Laboratory (UL) has determined that a manufacturer has demonstrated the ability to produce a product complying with UL's requirements with respect to specific risk, performance under specific conditions, compliance with regulatory codes and specified standards, or any other conditions as determined by UL.



IP65— UL Certified IP65 per IEC 60598 ensures that the enclosure is dust-tight and protected against jet streams of water from any direction without any harmful effects.



NSF2— An NSF2 Listing denotes that the luminaire has been evaluated for corrosion resistance, cleanability and the ability of exposed material to withstand normal wear. This supports infection control standards as it indicates that the luminaire is easy to sanitize.



UL 924—UL 924 is UL's Standard for Safety of Emergency Lighting and Power Equipment. UL 924 listed electrical exit signs are tested and given a visibility rating of at least 100 feet, requiring them to be legible from a 100 foot viewing distance in total darkness. The battery backup is tested by UL and must provide at least 90 minutes of emergency operation. Letters must be red or green and at least 6" height with a 3/4" letter stroke.



CCEA Approved—The City of Chicago Environmental Air (CCEA) rating ensures that the luminaire is inherently airtight. Wiring and/or branch circuit terminations are sealed off and gasketed from the plenum air space. This listing ensures that the luminaire is sealed to limit air flow from the room side to the plenum.



NFPA101—This National Fire Protection Agency (NFPA) Life Safety Code pertains to egress facilities. The code establishes minimum criteria for the design of egress facilities so as to allow prompt escape of occupants from buildings or, where desirable, into safe areas within buildings.



ETL— A product bearing the ETL Listed mark is determined to have met the minimum requirements of prescribed product safety standards as certified by a Nationally Recognized Testing Laboratory (NRTL). The mark also indicates that the manufacturer's production site conforms to a range of compliance measures and is subject to periodic follow-up inspections to verify continued conformance.



Kenall's luminaires are expertly designed in our state-of-the-art, vertically integrated, static-controlled manufacturing facility in Wisconsin. This enables us to provide tight control over the entire development process from fixture design and engineering to full-fledged metal fabrication, paint, assembly and shipping. We also take great care in sourcing only the highest-quality components to assure optimal product performance.



Buy American Act Compliant

Our products comply with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin.

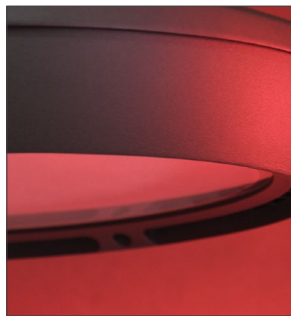
State-of-the-art, certified testing facility

Kenall is equipped with a state-of-the-art certified safety laboratory, providing comprehensive in-house testing capabilities:

Thermal Testing



Cold Weather Testing

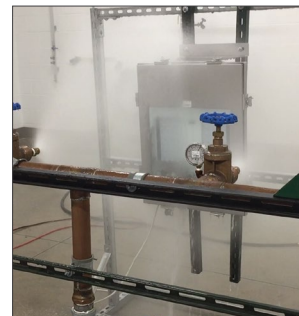


High Temperature Testing

Ingress Testing

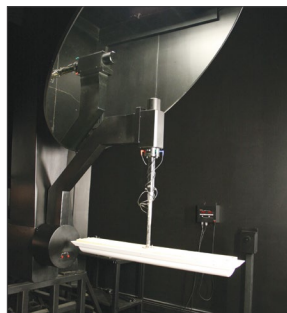


Solids and Particulates Testing



Water Ingress Testing

Photometrics Testing



Luminous Intensity Distribution Testing



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details.

A brand of **legrand**

Kenall Market Segments

Kenall offers luminaires designed according to industry best practices and certified performance standards in each market segment we serve. From high abuse fixtures with an exclusive 'Peace of Mind' Guarantee® against breakage and healthcare fixtures sealed for infection control, to sealed enclosure fixtures that comply with stringent military standards for RFI/EMI and food processing fixtures that carry mission critical NSF, NEMA and IP ratings, our fixtures are designed with your specific needs in mind.



CORRECTIONAL



EDUCATION



HEALTHCARE



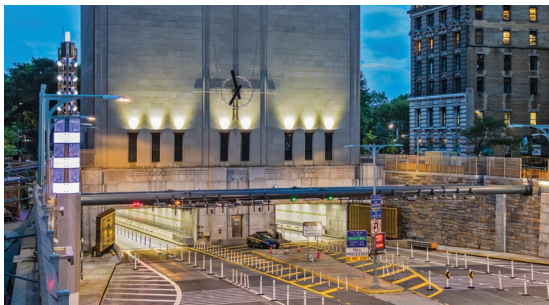
BEHAVIORAL HEALTH



CLEANROOM



INDUSTRIAL FOOD



TUNNEL & TRANSPORTATION



PARKING & SITE



10200 55th Street
Kenosha, WI 53144
Tel: 262-891-9700
www.kenall.com

©2021 Kenall Mfg. Co.
All rights reserved.
M-0009 120420