Citadel Series LED
for High Dust & Debris Environments

Dirty environment approved
Free from harmful dust and dirt buildups that prevent fixtures from staying cool

Easy installation
Plug and play waterproof cord connectors

Fast lead times

USA ingenuity
Dual purpose cooling and hanging fin

Scalable design
100 – 900 Watts

Better designed projects
Optics 60° – 90° – 120° – Aisles

REVOLUTIONARY, PATENT-PENDING DESIGN
sets new performance standards for extreme industrial environments.

Want the very best and brightest in military-grade LED lighting? Turn to the Citadel. This series looks like no other LED because it's designed like no other LED. As a result, it stands up to the most demanding high-heat, high-dust & debris environments like no other LED.

American-Made Tough & Reliable

We understand that failure is not an option. Our fixtures are uniquely designed and built Miltary-Grade tough, so they stand up to almost anything without complaint.

Keep Your cool with Remote Drivers

Tactik features remote drivers to prevent unwanted heat build-up. Helps extend fixture life and offers added flexibility to adjust to plant floor plans – without costly re-gridding.

5-7 Day Lead Time

Our innovative modular design and advanced manufacturing capabilities allow us to ship all orders, even customizations, in 5-7 days.

TACTIK
LIGHTING

Citadel Series LED
One Brilliant Idea After Another

PREVENT PREMATURE FIXTURE FAILURE

As dust & debris accumulate, they act as insulators. This causes internal temperatures to soar and frequently leads to premature fixture failure. The Citadel Series' innovative design addresses this issue three different ways.

3. Patent-pending Internal heat transfer cooling fins prevent buildup of dust and debris that can hinder cooling

1. Patent-Pending Vertical exterior heat transfer cooling fin dissipates heat while preventing dust and debris build-up

2. Steeply sloped sidewalls resist build-up of dust and debris

Height 6.4"

Width 5.5"
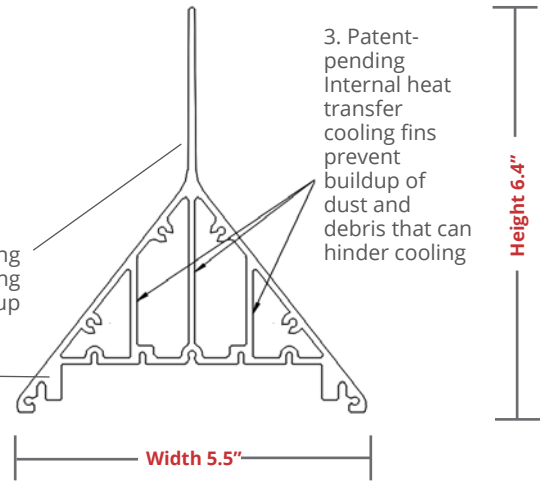
ENHANCE COOLING AND ELIMINATE RE-GRIDDING HEADACHES

With leading competitive units, the LED driver is inside the light, which results in a lot of heat. However, the Citadel Series features remotely mounted drivers.

This approach helps keep the operating temperatures inside the fixture lower. It also allows more effective cooling of the driver, safeguarding the integrity of the driver as well as the LED light itself.
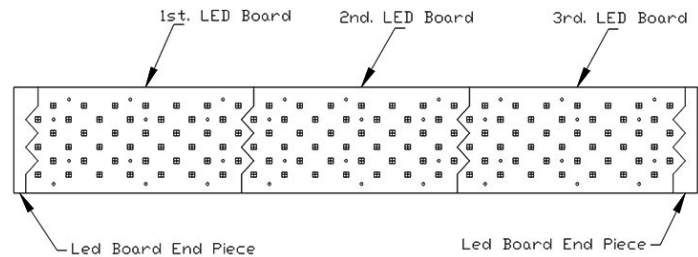
Should changes in plant floor layout dictate the need to alter fixture placement, this can be accomplished quickly and easily without re-gridding hassles. Simply change out the power cord for one of suitable length to reach the new location of the light.

Minimum Footprint   Driver Adjacent   Extend As Needed
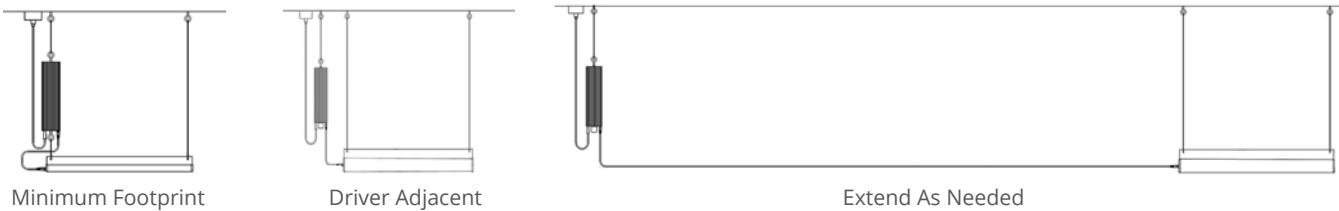
MORE UNIFORM LIGHTING EFFICIENTLY CONFIGURED TO YOUR NEEDS

Patent-pending shark tooth design enables LED boards to be configured for any of 11 models, ranging from 100-900 Watts. Resulting array provides uniform light distribution with no dead spots.
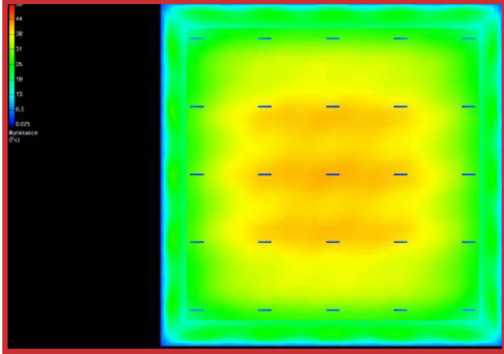
1st. LED Board   2nd. LED Board   3rd. LED Board

Led Board End Piece   Led Board End Piece

Optics Information

NO OPTICS

> Great for general illumination. No Optics are also great if you want to maximize horizontal light & to achieve uniform lighting overall. Ideal for 30 feet and below.

60 DEGREE OPTICS

> Great for higher ceilings. Best used for fixtures mounted 30+ feet up. (This image captures a 25 foot mounting height).
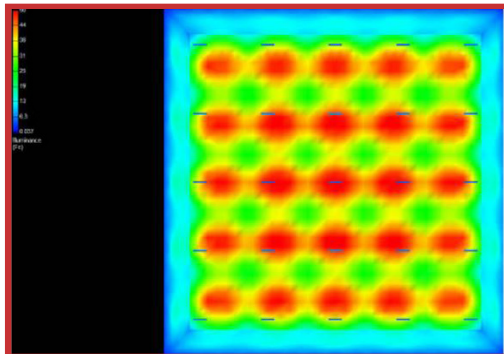
AISLE OPTICS

> Great for racking. With Aisle Optics, light is not wasted in ajoining aisles. This means you can reduce the number of fixtures in your facility, or can substantially reduce wattage when switching from HID or Flourescents to LED.

Citadel Series LED
Standard Temperature Specifications

10 YEARS MODULE WARRANTY

SPECIFICATIONS

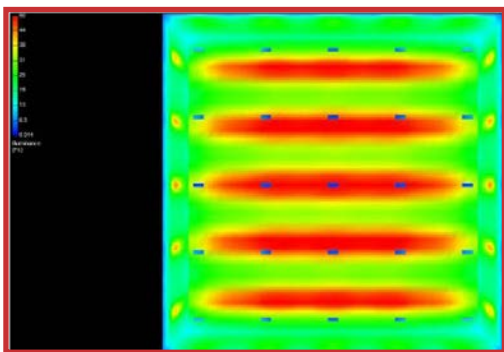Power Factor...>0.9
Input Voltage .... 120/277V & 347/480V
Performance...Up to 160 lm/W
Operational Temperature.........-40° F to 130°F (-40°C to 55°C)
Distribution... 120°, 60° & Aisle
Mount Type..Suspension
Kelvin Temperature 4000K, 5000K
Available Wattages....100W, 150W, 200W, 250W, 300W, 400W
500W, 600W, 700W, 800W, 900W
Color Rendering Index (4000K) ....>70
Color Rendering Index (5000K) ....>90

FEATURES

> Operational Temperature up to 130°F (63°C)
> Inventronics Drivers with less than 1% failure rate
> Patent-pending design extends fixture life by helping prevent build-up of insulating dust and debris and eliminates illumination dead spots
> Patent-pending remote driver minimizes fixture operating temperature without re-gridding required
> Includes 10 Year Module Warranty
> Dimmable 0-10V
> In-series transient voltage surge suppressor (TVSS) protects fixture against failure due to power supply surges
> Optional motion sensor. Choose from standard by Wattstopper with L7 lens (fig 1.1 & 1.2*), or Internet of Things (IOT) by Enlighted Sensors (fig 1.3).
> UL 1598 listed
> IP65 rated

fig 1.1   fig 1.2   fig 1.3

CLASSIFIED UL   DLC   IP65

LUMINOUS OUTPUT & DIMENSIONS

WATTAGE	LUMEN OUTPUT	LENGTH
100 Watts	13,220 lumens	18 inches
150 Watts	21,600 lumens	26 inches
200 Watts	32,900 lumens	34 inches
250 Watts	36,000 lumens	42 inches
300 Watts	42,820 lumens	50 inches
400 Watts	57,600 lumens	66 inches
500 Watts	72,000 lumens	82 inches
600 Watts	86,400 lumens	98 inches
700 Watts	100,800 lumens	114 inches
800 Watts	115,200 lumens	130 inches
900 Watts	129,600 lumens	146 inches

POWER CORD

DESCRIPTION	PRODUCT NUMBER
125V, 15 amp, Straight Blade, 6 ft	PC-PP-125-15-SB-6
125V, 15 amp, Straight Blade, 12 ft	PC-PP-125-15-SB-12
125V, 15 amp, Twist Lock, 6 ft	PC-PP-125-15-TL-6
125V, 15 amp, Twist Lock, 12 ft	PC-PP-125-15-TL-12
125V, 20 amp, Twist Lock, 6 ft	PC-PP-125-20-TL-6
125V, 20 amp, Twist Lock, 12 ft	PC-PP-125-20-TL-12
250V, 20 amp, Twist Lock, 6 ft	PC-PP-250-20-TL-6
250V, 20 amp, Twist Lock, 12 ft	PC-PP-250-20-TL-12
277V, 15 amp, Twist Lock, 6 ft	PC-PP-277-15-TL-6
277V, 15 amp, Twist Lock, 12 ft	PC-PP-277-15-TL-12
277V, 20 amp, Twist Lock, 6 ft	PC-PP-277-20-TL-6
277V, 20 amp, Twist Lock, 12 ft	PC-PP-277-20-TL-12
480V, 20 amp, Twist Lock, 6 ft	PC-PP-480-20-TL-6
480V, 20 amp, Twist Lock, 12 ft	PC-PP-480-20-TL-12
600V, 20 amp, Twist Lock, 6 ft	PC-PP-600-20-TL-6
600V, 20 amp, Twist Lock, 12 ft	PC-PP-600-20-TL-12
600V, Whip, 12ft	PC-PP-600-W-12

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens.

CITADEL ORDERING INFORMATION

SAMPLE ORDER NUMBER: CIT-2-100-40-1-2-1-1-1-X-X-1

SERIES	WATTAGE	KELVIN	OPTICS	LENS	FINISH	DRIVER VOLTAGE	REMOTE CABLE	MOTION SENSOR	BATTERY BACKUP	DLC
CIT-2 Std Temp	100- (100W)	40- (4000K)	1- No Optics	2- Flat Poly Clear	1- Black	1- 120/277V	1- 3'	X- No	X- No	1- Standard
	150- (150W)	50- (5000K)	2- 60°	6- Flat tempered glass clear		4- 347/480V	2- 10'	1- Standard*	1- Yes	2- Premium
	200- (200W)		4- Aisle				3- 25'	2- Internet of Things*		
	250- (250W)						4- 50'			
	300- (300W)						5- 100'			
	400- (400W)						6- 150'			
	500- (500W)						7- 200'			
	600- (600W)						8- 250'			
	700- (700W)									
	800- (800W)									
	900- (900W)									

*Motion Sensor information: Standard (1) features sensors by Wattstopper with L7 lens. Internet of Things or IOT, (2) features sensors by Enlighted Sensors

** Fixture includes a 6 foot Whip Plug N Play Cord. For additional cord options, please see the Power Cord Table referenced above for ordering information.

SPECIFICATIONS

Power Factor..>0.9
Input Voltage .... 120/277V & 347/480V
Performance...Up to 160 lm/W
Operational Temperature.........-40° F to 195°F (-40°C to 90°C)
Distribution... 120°, 60° & Aisle
Mount Type..Suspension
Kelvin Temperature 4000K, 5000K
Available Wattages.... 100W, 150W, 200W, 250W, 300W, 400W
500W, 600W, 700W, 800W, 900W
Color Rendering Index (4000K) ....>70
Color Rendering Index (5000K) ....>90

FEATURES

> Up to 195°F (90°C) at 60% light output, or up to 175°F (80°C) at 100% light output

> Inventronics Drivers with less than 1% failure rate

> Patent-pending design extends fixture life by helping prevent build-up of insulating dust and debris and eliminates illumination dead spots

> Patent-pending remote driver minimizes fixture operating temperature without re-gridding required

> Includes 10 Year Module Warranty

> Dimmable 0-10V

> In-series transient voltage surge suppressor (TVSS) protects fixture against failure due to power supply surges

> Optional motion sensor. Choose from standard by Wattstopper with L7 lens (fig 1.1 & 1.2*), or Internet of Things (IOT) by Enlighted Sensors (fig 1.3).

> UL 1598 listed

> IP65 rated

fig 1.1   fig 1.2   fig 1.3

LUMINOUS OUTPUT & DIMENSIONS

WATTAGE	LUMEN OUTPUT	LENGTH
100 Watts	13,220 lumens	18 inches
150 Watts	21,600 lumens	26 inches
200 Watts	32,900 lumens	34 inches
250 Watts	36,000 lumens	42 inches
300 Watts	42,820 lumens	50 inches
400 Watts	57,600 lumens	66 inches
500 Watts	72,000 lumens	82 inches
600 Watts	86,400 lumens	98 inches
700 Watts	100,800 lumens	114 inches
800 Watts	115,200 lumens	130 inches
900 Watts	126,000 lumens	146 inches

POWER CORD

DESCRIPTION	PRODUCT NUMBER
125V, 15 amp, Straight Blade, 6 ft	PC-PP-125-15-SB-6
125V, 15 amp, Straight Blade, 12 ft	PC-PP-125-15-SB-12
125V, 15 amp, Twist Lock, 6 ft	PC-PP-125-15-TL-6
125V, 15 amp, Twist Lock, 12 ft	PC-PP-125-15-TL-12
125V, 20 amp, Twist Lock, 6 ft	PC-PP-125-20-TL-6
125V, 20 amp, Twist Lock, 12 ft	PC-PP-125-20-TL-12
250V, 20 amp, Twist Lock, 6 ft	PC-PP-250-20-TL-6
250V, 20 amp, Twist Lock, 12 ft	PC-PP-250-20-TL-12
277V, 15 amp, Twist Lock, 6 ft	PC-PP-277-15-TL-6
277V, 15 amp, Twist Lock, 12 ft	PC-PP-277-15-TL-12
277V, 20 amp, Twist Lock, 6 ft	PC-PP-277-20-TL-6
277V, 20 amp, Twist Lock, 12 ft	PC-PP-277-20-TL-12
480V, 20 amp, Twist Lock, 6 ft	PC-PP-480-20-TL-6
480V, 20 amp, Twist Lock, 12 ft	PC-PP-480-20-TL-12
600V, 20 amp, Twist Lock, 6 ft	PC-PP-600-20-TL-6
600V, 20 amp, Twist Lock, 12 ft	PC-PP-600-20-TL-12
600V, Whip, 12ft	PC-PP-600-W-12

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens.

CITADEL ORDERING INFORMATION

SAMPLE ORDER NUMBER: CIT-1-100-40-1-6-1-1-1-X-X-1

SERIES	WATTAGE	KELVIN	OPTICS	LENS	FINISH	DRIVER VOLTAGE	REMOTE CABLE	MOTION SENSOR	BATTERY BACKUP	DLC
CIT-1 High Temp	100- (100W)	40- (4000K)	1- No Optics	6- Flat tempered glass clear	1- Black	1- 120/277V	1- 3'	X- No	X- No	1- Standard
	150- (150W)	50- (5000K)	2- 60°			4- 347/480V	2- 10'	1- Standard*	1- Yes	2- Premium
	200- (200W)		4- Aisle				3- 25'	2- Internet of Things*		
	250- (250W)						4- 50'			
	300- (300W)						5- 100'			
	400- (400W)						6- 150'			
	500- (500W)						7- 200'			
	600- (600W)						8- 250'			
	700- (700W)									
	800- (800W)									
	900- (900W)									

* Motion Sensor information: Standard (1) features sensors by Wattstopper with L7 lens. Internet of Things or IOT, (2) features sensors by Enlighted Sensors

** Fixture includes a 6 foot Whip Plug N Play Cord. For additional cord options, please see the Power Cord Table referenced above for ordering information.

American Made & Measurably Better

What's better than higher heat ratings in your LED lights? Higher heat ratings in the 1st AMERICAN MADE LED lights!

You heard right. Industrial/commercial LED lights proudly made in America. So, you see a 46% increase in high temperature ratings and turnaround times as quick as 5-7 days. You know what you won't see? The cost of foreign trade tariffs jacking up the price of the products you want.

Tactik Labs is your added assurance of reliability.

Our LED lighting is designed to a higher standard. So is our validation process. At our in-house lab testing facility, our products undergo rigorous testing to provide you every assurance possible that all Tactik LED lighting will perform and last as promised. While others may talk about performance and reliability in harsh environments, Tactik Labs documents it.

Backed with confidence.

We protect distributors and customers with a 10-year warranty standard for added peace of mind. Plus, service after the sale includes a proactive warranty process – replacement is shipped immediately if a problem is identified and defective product is returned in its original box.

WARRANTY 10 YEARS WARRANTY

TACTIK
LIGHTING

3115 N 21st Street, Suite 2, Sheboygan, WI 53083
920-287-3840 • sales@tactik.com

tactiklighting.com

NAED ASSOCIATE MEMBER

VETERAN OWNED BUSINESS

CAN BE USED TO COMPLY WITH 2016 TITLE 24 PART 6 HIGH EFFICACY LED LIGHT SOURCE REQUIREMENTS

aee Association of Energy Engineers

AFS

E-252E-254