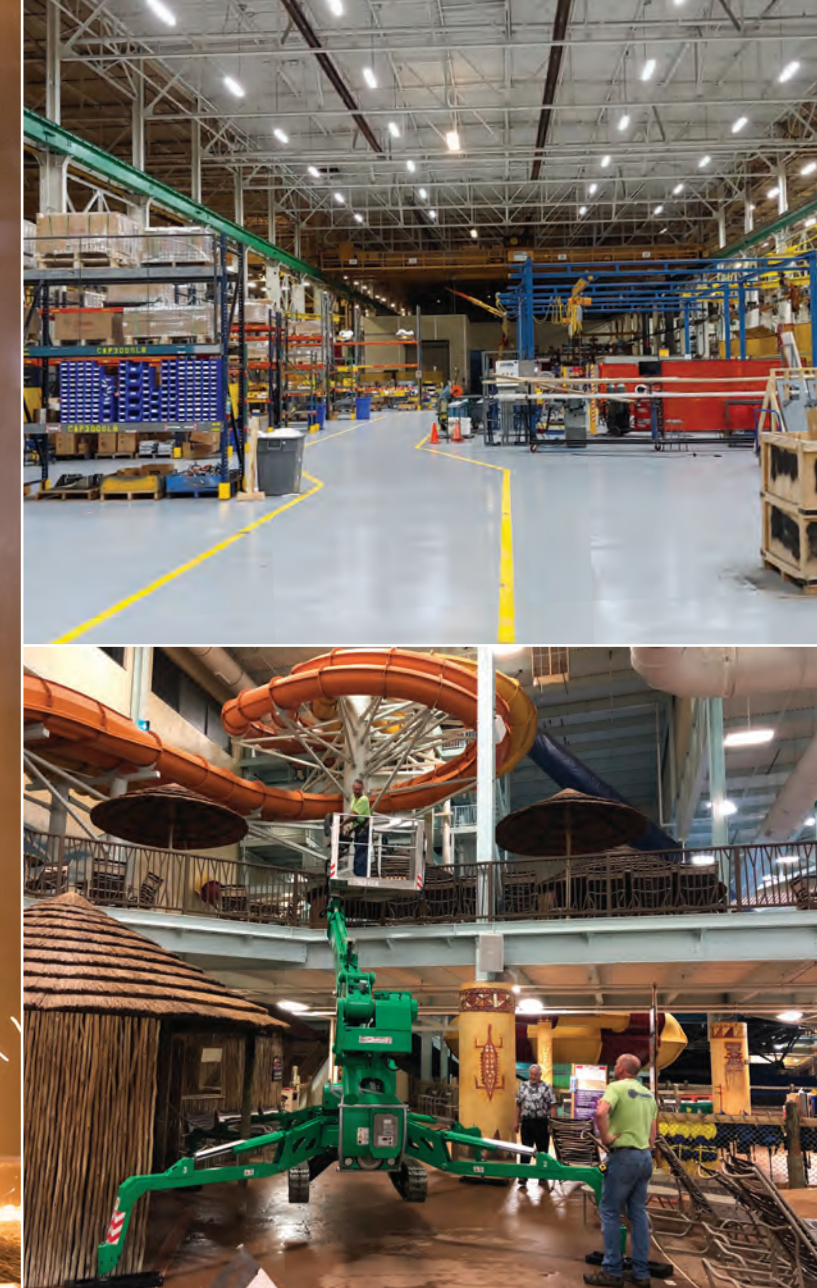# TAC TIK
LIGHTING

COMMITTED TO OFFERING AMERICAN INDUSTRY
A BRIGHTER FUTURE

LIGHTING CATALOG

Our Reliability Has Been Proven

Under the Harshest Conditions Imaginable

LEDS MADE FOR THE REAL WORLD — YOUR WORLD.

In theory, LED lighting is supposed to offer significantly improved energy efficiency compared to more traditional commercial and industrial lighting. In reality, environmental factors – including temperature, dust, grit, vibration, moisture and corrosive vapors – can degrade LED performance and reliability rapidly. As a result, American businesses have become increasingly frustrated with all the cheaply designed-and-made products from overseas. You demanded better.
We delivered.

WELCOME TO MILITARY-GRADE LED LIGHTING

Designed and built to a higher standard to deliver the performance, reliability and energy savings you expect from LEDs.

> Built-In Protection includes seals and gaskets to keep contaminants out

> Added Reliability and consistency of performance thanks to transient voltage surge suppression

> Added Durability of best-in-class branded drivers with soldered wires

> Extended Life due to low LED and driver running temperatures results in the lowest life cycle costs of any industrial-grade LED lighting

KEEP YOUR COOL WITH REMOTE DRIVERS.

Most Tactik lights utilize remote drivers to prevent unwanted heat build-up inside the fixture, which can degrade performance and is a leading cause of premature fixture failure.

Remote drivers also offer added flexibility, allowing you to easily and economically adjust your lighting to evolving plant floor needs – without costly and time-consuming re-gridding.

MANAGE MORE EFFECTIVELY WITH SMART TECHNOLOGY.
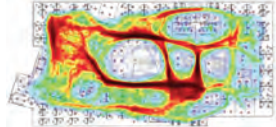
Turn your lighting into smart building solutions with the only U.S. industrial LED lighting manufacturer to offer the world's most advanced wireless lighting control capabilities – Enlighted; A Siemens Company.

> Improve Workflow using space utilization, motion and occupancy data

> Optimize Energy Savings with daylight harvesting and task tuning data

> Increase Productivity of employees and assets with RFID location technology

From left to right: Wayne Rettig (Creative Director), Dave Wasmer (New Product Development Engineer), Tim Wasmer (Founder & CEO), Sami Richter (Marketing Administrator), Jeff Strauss (Electrician & Team Leader), Sheila Oppeneer (Production & Customer Service Specialist), and Chris Drews (Production Team Leader).

VETERAN
OWNED BUSINESS

VETERAN OWNED COMPANY DEDICATED TO PRODUCTS THAT ARE MILITARY GRADE TOUGH

Tactik Lighting CEO and Lead Energy Expert Tim Wasmer, a U.S. Army veteran, makes sure that our "failure is not an option" mindset permeates the entire company. We are far more than just LED lighting engineers. We're passionately committed to being the team our clients depend on for the right energy efficiency solutions for their businesses. On time. Within budget. Delivering results as promised.

HOW DO OUR PRODUCTS HOLD UP?

The team at Tactik Lighting put our military-grade light fixtures to the test. They held up - under the weight of a 5800 lb jeep! That is the strength and durability you can expect from all of the products manufactured and sold by Tactik Lighting.

Military-Grade Is a Matter of Integrity; So Is Our Word
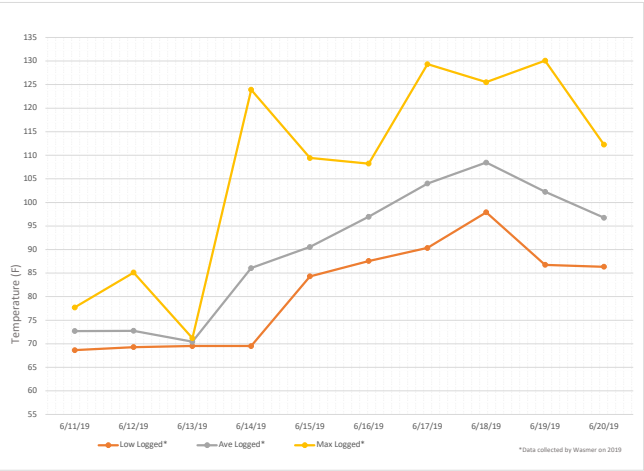
EXTREME TEMPERATURE TESTING

CORROSIVE TESTING AND MORE

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. Temperature extremes – and even heat build-up. Check. The ability to effectively resist the effects of dust, grit, moisture and corrosive gases. Check.

Because we want to help you make the best-informed decisions possible regarding your LED lighting choices, we also test leading competitors' units. That way, you can see how our Military-Grade LED Lighting stacks up against the competition in side-by-side comparisons.

Through years of testing, including 3rd party UL and DLC testing, we've learned a lot. And we look forward to sharing what we've learned with you. After all, the integrity of your LED lighting and the company that manufactures it matters. You have our word on it.

Foot Candle Ordering Information

■	0-10fc	■	31-40fc	■	61-70fc
■	11-20fc	■	41-50fc	■	71+ fc
■	21-30fc	■	51-60fc		

Footcandle Averages 20'x20' grid 120 degree

Lumens									
50000	124	113	107	101	96	91	86	82	77
45000	112	102	96	91	86	82	78	74	70
40000	99	91	84	81	77	73	69	65	62
35000	87	79	75	71	67	64	60	57	54
30000	75	68	64	61	57	55	52	49	46
25000	62	57	53	50	48	46	43	41	39
20000	50	45	43	40	38	36	34	33	31
15000	37	34	32	30	29	27	26	25	23
10000	25	23	21	20	19	18	17	16	15
5000	13	11	11	10	10	9	9	8	8
Height	10'	15'	20'	25'	30'	35'	40'	45'	50'

Footcandle Averages 25'x25' grid 120 degree

Lumens									
50000	84	75	70	65	62	58	55	53	50
45000	76	67	63	59	55	52	50	47	45
40000	68	60	56	52	49	47	44	42	40
35000	59	53	49	46	43	41	39	37	35
30000	51	45	42	39	37	35	33	32	30
25000	42	38	35	33	31	29	28	26	25
20000	34	30	28	26	25	23	22	21	20
15000	25	23	21	20	18	18	17	16	15
10000	17	15	14	13	12	12	11	11	10
5000	8	8	7	7	6	6	6	5	5
Height	10'	15'	20'	25'	30'	35'	40'	45'	50'

Footcandle Averages 25'x25' grid 60 degree

Lumens									
50000	89	84	77	72	69	67	65	62	60
45000	81	76	69	65	62	60	59	56	54
40000	72	67	61	58	56	54	52	50	48
35000	63	59	54	51	49	47	45	44	42
30000	54	50	46	43	42	40	39	37	36
25000	45	42	38	36	35	33	32	31	30
20000	36	34	31	29	28	27	26	25	24
15000	27	25	23	22	21	20	19	19	18
10000	18	17	15	14	14	13	13	12	12
5000	9	8	8	7	7	7	6	6	6
Height	10'	15'	20'	25'	30'	35'	40'	45'	50'

HOW MANY FOOTCANDLES DO I NEED?

Light levels are a very sensitive conversation. Too much light and spotty or non-uniform light, can both be hard on the eyes. You will want to make sure you have enough uniformly distributed light to do the job efficiently and effectively. A simple rule of thumb for lighting requirements is 20 footcandles for a warehouse, 40 footcandles for production areas and 60 footcandles for inspection areas and retail applications. A best practice is the use of a footcandle meter on a walk around of your facility. This will help you determine which areas are well lit and allow comparison to recommended IES light levels. The IES provides guidelines for specific light levels by work area and industry. Call us at Tactik Lighting for assistance with IES recommendations and best practices for your application.

HOW MANY LUMENS DO I NEED TO REACH THE FOOTCANDLE RECOMMENDATIONS THAT I DETERMINED FOR MY AREA?

Many variables must be considered when you decide on light fixture lumens for your facility, including but not limited to: surface (floor-wall-ceiling) reflectance, airborne particulates, obstructions, fixture efficiency, lens material (acrylic-polycarbonate-glass), lens transparency and height and distance between fixtures. The best way to determine precise needs is to have Tactik Lighting professionals prepare a custom lighting layout for you.

The tables on this page are provided to help quickly guide you to a fixture lumen package that will be perfect for your application.

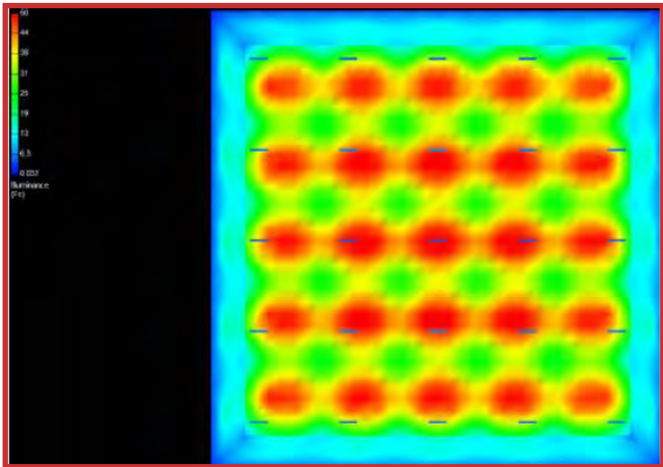# Optics Ordering Information

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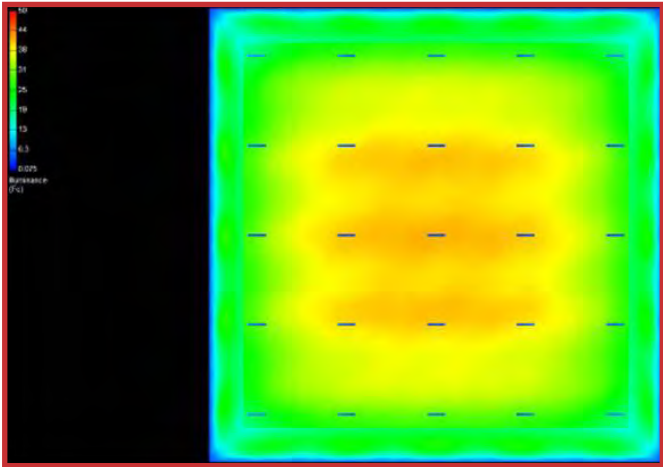
60 DEGREE OPTICS
> Great for higher ceilings. Best used for fixtures mounted 30+ feet up. (This image captures a 25 foot mounting height).

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.

3115 N 21st Street, Suite 2, Sheboygan, WI 53083   920.287.3840 | tactiklighting.com
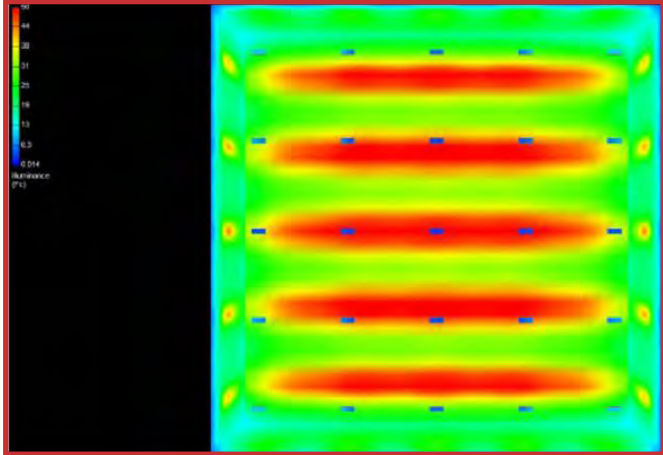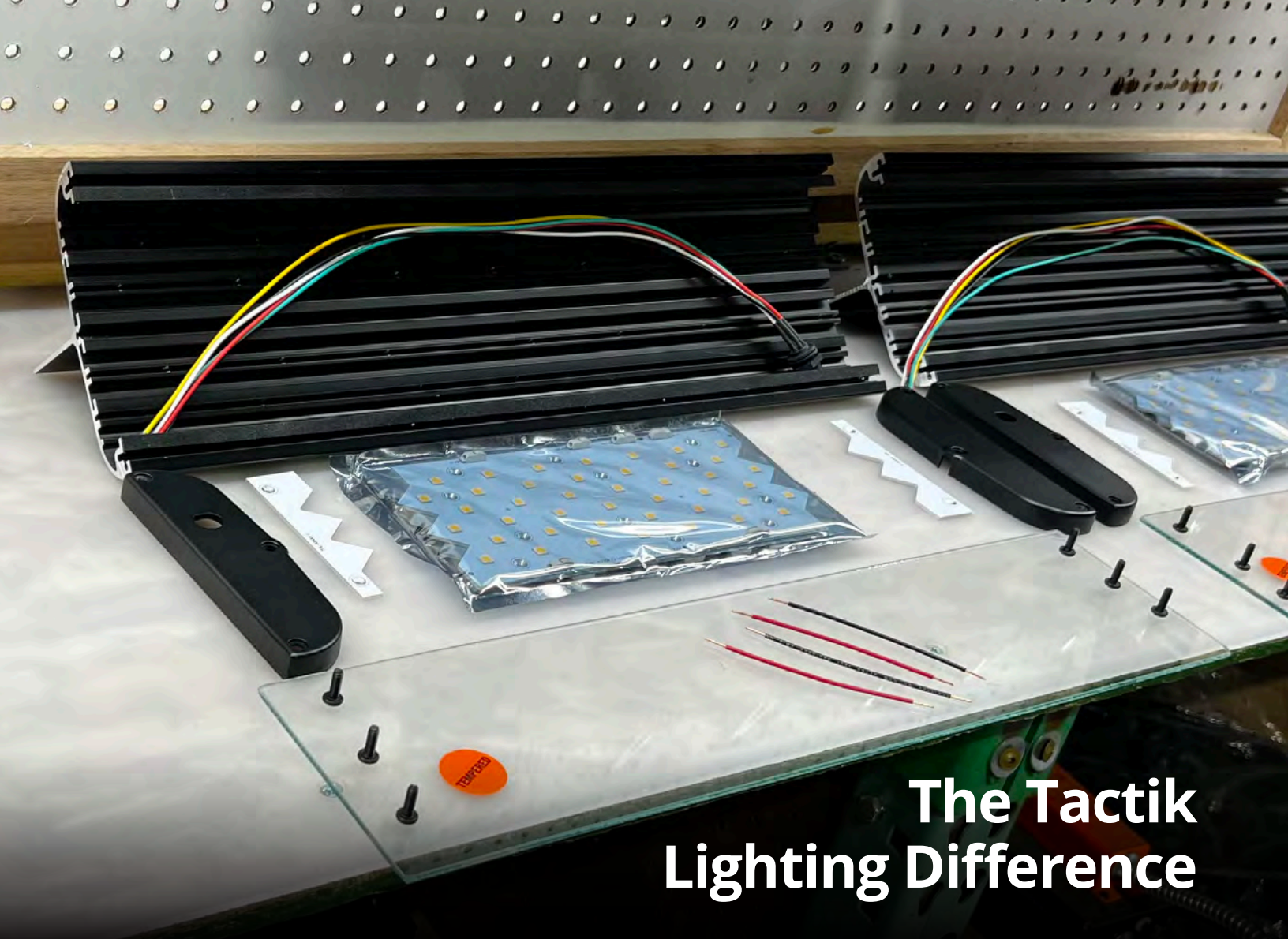
The Tactik Lighting Difference

REMOTE DRIVERS SYSTEMS

Tactik Lighting uses drivers that care capable of being in ambient temperatures up to 167°F. With the light engine itself being capable of being in ambient temperatures of 185°F.

If an environment is above 167°F, the driver must be relocated to an area where the temperature falls below that threshold. This can range anywhere from 10' to 1000' with no voltage drop-off.

The driver box can be hung at ground level, ceiling level, mounted to strut or to a wall. The universal plug and play allow for complete accessibility.

Minimum Footprint · Driver Adjacent · Driver Extended · Remote Cable · Interior Facility Wall · Cooler Room · Warmer Room · Remote Cable

DAISY CHAIN CONFIGURATIONS

Our custom daisy chain configurations allow you to power multiple fixtures with one driver, saving you money and space. And we can custom-mount your drivers at a height that best suits your environment.

Reach out to a manufacturing representative today for a custom quote for your facility.

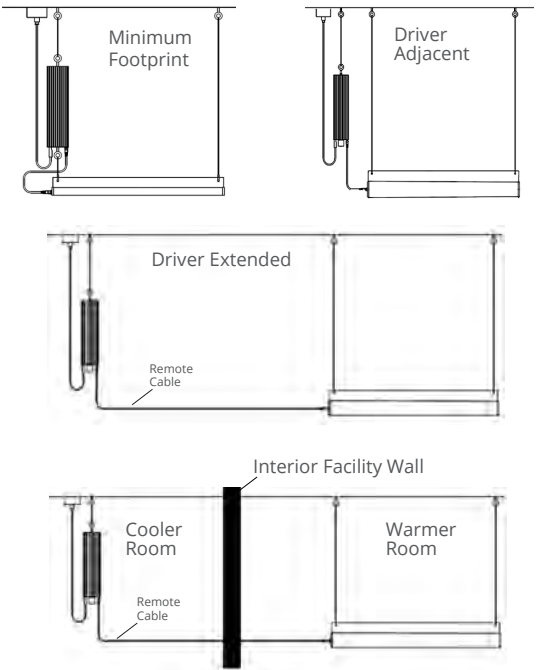Remote Cable · Jumper Cable · Remote Cable · Jumper Cable

TACTIK LIGHTING'S "BUY IT ONCE" NO OBSOLESCENCE PHILOSOPHY

At Tactik Lighting we believe in continuous innovation and market disruption. One innovative initiative is our "Buy it Once" philosophy. With Tactik's Refurbishment program, any product out of warranty and at the end of its expected life can be returned to the factory for reconditioning.

Our products are designed and built to last long after our competitors products have failed, but eventually they will need to be replaced. If you have ever been in a situation where a few fixtures have failed, only to find they have been discontinued or redesigned so that replacements will not match the existing array, this can be incredibly frustrating. With Tactik Lighting products, that frustration will be a thing of the past.

Tactik's Refurbishment program includes new wearable parts such as LED boards, drivers and transient voltage suppressors. Non wearable parts, such as housings and mounting are reconditioned and a virtually new and updated product is returned, at a much lower price, and with a full 10 year warranty. They will also match your existing fixtures.

No one knows what advancements will be made in LED technology 10 years from now. But our non obsolescence policy promises to maintain state of the art technology, in the same form factor, while promoting sustainability.
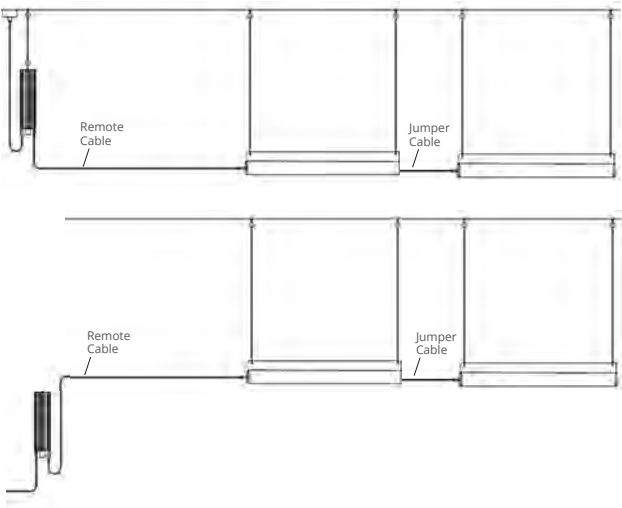
LED BOARD CONFIGURATIONS

Patent-pending shark tooth design enables LED boards to be configured for any of 11 models, ranging from 100-900 Watts. The resulting array provides uniform light distribution with no dead spots.

Each 8" board has a maximum wattage of 75W. The higher the selected wattage of the fixture, the longer the fixture gets.

1st LED Board · 2nd LED Board · 3rd LED Board · End Piece · End Piece
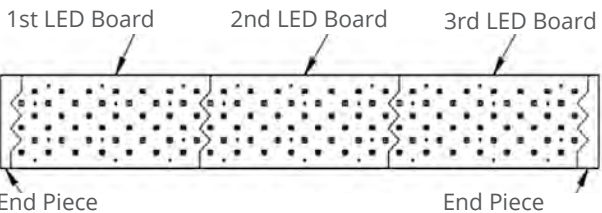
Motion Sensor Ordering Information

Wattstopper Low Voltage High/Low/Off PIR Fixture Integrated Outdoor Photo/Motion Sensor (Standard Ordering Selection)

fig 1.2 *

fig 1.1 *

WattStopper
legrand

DESCRIPTION

> The standard Wattstopper Motion Sensor mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC dim-to-off LED drivers or ballasts, or works with a power pack to control other loads. When used with an FSP-Lx Lens, the sensor is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

FEATURES

> Controls 0-10V dim-to-off LED drivers or ballasts, or works with a power pack to control other loads
> IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 40'
> Configuration tool stores six sensor profiles for quick setup and adjustment of multiple sensors
> Polycarbonate construction; flame retardant, UV resistant, impact resistant, recyclable

Enlighted Ruggedized IoT Motion Sensor (Premium Ordering Selection)

DESCRIPTION

> The Ruggedized Sensor, 8-pin, is a complete sensing and lighting control node powered from its attached light fixture. Sensor information combined with a configurable behavior profile make the sensor an integral component of an intelligent lighting control and sensing solution. With integrated wireless communications for data transmission and remote configuration along with autonomous fixture-level control, this sensor brings advanced lighting automation to a whole new level.

fig 1.3 *

Enlighted

FEATURES

> Enlighted Sensor Interface (ESI): IoT ReadyTM LED drivers and Enlighted Control Units communicate with the sensor via a serial interfaces providing access to energy consumption, and digital lighting control.
> Localized Lighting Control:Light-level schedules, preferences, and behavior profiles for each fixture are wirelessly communicated during system setup and locally stored to ensure continuous operation.
> Edge Sensing: Local processing capability supports advanced sensing and detection algorithms, providing optimization of existing features and enabling future applications.
> Bluetooth Low Energy: An embedded BLE radio allows the sensor to receive, transmit beacons and support communication with lighting control devices and other sensors.
> Occupancy and Thermal Sensing: A digital Passive Infrared (PIR) sensor, combined with separate ambient and temperature sensing, supports precise motion identification while minimizing false detection events.
> Room and Zone Control: Pairs with room control switches for code-compliant manual-on or auto-off capability. Sensors can be grouped into zones that share occupancy sensing data and coordinate light control based on detected motion.
> Two lens options are offered to cover standard (<18 ft.) and high-bay (up to 50 ft.) ceilings.

All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens. Coverage includes up to 40' and the maximum temperature rating for the motion sensors is 165°F

Power Cord Ordering Information

FEATURES

> Choose a whip, straight blade or twist lock cord
> Hardwire or Plug and Play connection to the fixture
> Lengths- 6ft or 12 ft; contact us for a custom length

POWER CORD OPTIONS

SERIES	FIXTURE DISCONNECT	VOLTAGE	PLUG AMP RATING	PLUG ATTACHMENT TYPE	LENGTH
PC - Power Cord	**HW** - Factory Installed Hardwire Cord **PP** - Plug N Play Connector	**125** - 120V **250** - 250V **277** - 277V **480** - 480V **600** - 600V	**15** - 15 Amps **20** - 20 Amps	**SB** - Straight Blade **TL** - Twist Lock	**6** - 6 Feet **12** - 12 Feet
PC					

POWER CORD WHIP OPTIONS

SERIES	FIXTURE DISCONNECT	VOLTAGE	WHIP	LENGTH
PC - Power Cord	**HW** - Factory Installed Hardwire Cord **PP** - Plug N Play Connector	**300** - 300V **600** - 600V	**W** - Whip	**6** - 6 Feet **12** - 12 Feet
PC			W	
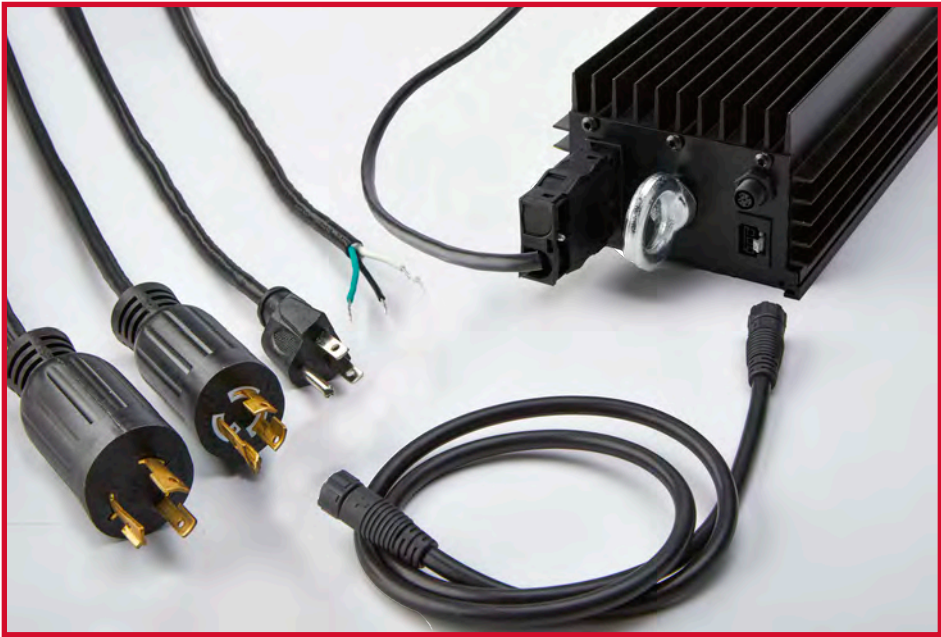
> twist lock, straight blade, and whip cords, a driver, and a remote cable

> 1/8 inch Fixture Safety Cables/ Hanging Cables

Proud to Be the First to Offer
American-Made Industrial LEDs

INTRODUCING LED LIGHTING MADE IN AMERICA'S HEARTLAND

Our latest generation of Military-Grade LED lighting includes fixtures made right here in America. Now, you can get American made quality and craftsmanship that you can see and feel. What you won't see is import tariffs tacked onto your fixture price tag.

As a veteran owned business, we understand the importance of offering our customers lasting American values.

PATENT-PENDING DESIGNS REDEFINE HEAT DISSIPATION

Our NCO and Citadel Series feature an innovative, vertical exterior heat transfer cooling fin to dissipate heat while preventing dust and debris build-up. In addition, internal heat transfer cooling fins are protected against dust and debris build-up for improved cooling efficiency over the life of the fixture. These designs look different because they are different.
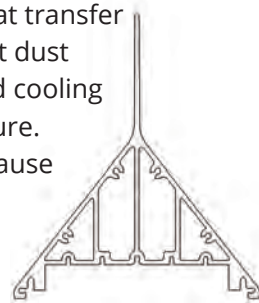
HIGHER HEAT RATINGS MEAN LONGER LIFE

245° F
195° F
125° F

Our high-heat rated units now feature up to a 30% increase in heat threshold compared to our leading competitors.

What's more, unlike our competitors that experience up to a 45% fall-off in lumen output as they reach their high-heat rating, our fixtures have no such fall-off.

FAST 2-3 WEEK LEAD TIMES

Leading-edge, modular design and advanced manufacturing capabilities allow us to ship orders, even custom orders– in less time.

And all our products are backed by industry-leading warranties for added peace of mind.

Put it all together and you start to see the real value of lighting made in America specifically for American business.

Product Table of Contents

Citadel Series LED

fig 1.1   fig 1.2   fig 1.3

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens. Coverage includes up to 40' and the maximum temperature rating for the motion sensors is 165°F

FEATURES

> Driver temperature up to 167°F (75°C)
> UL Listed Drivers with less than 1% failure rate
> Patent-pending remote driver minimizes fixture operating temperature without re-gridding required
> Patent-pending design extends fixture life by helping prevent build-up of insulating dust and debris and eliminating illumination dead spots
> Includes 10 Year Module Warranty - Full light engine or plug & play driver module replacement, rather than parts
> Fail off 15KA 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 & fig 1.2*), or Internet of Things (IOT) by Enlighted Sensors (fig 1.3).
> Dimmable 0-10V
> UL 1598 listed
> IP65 rated

OPERATIONAL TEMPERATURE

STANDARD TEMP	HIGH TEMP	EXTREME TEMP
-40°F to 130°F (or -40°C to 55°C)	-40°F to 195°F (or -40°C to 90°C)	-40°F to 245°F (or -40°C to 118°C)

LUMINOUS OUTPUT & DIMENSIONS

WATTAGE	STANDARD TEMP		HIGH TEMP		EXTREME TEMP	
	OUTPUT	LENGTH	OUTPUT	LENGTH	OUTPUT	LENGTH
100 Watts	13,220 lumens	18 in	13,220 lumens	18 in	13,220 lumens	18 in
150 Watts	21,600 lumens	18 in	21,600 lumens	26 in	21,600 lumens	26 in
200 Watts	28,800 lumens	26 in	28,800 lumens	34 in	28,800 lumens	34 in
250 Watts	36,000 lumens	34 in	36,000 lumens	42 in	36,000 lumens	42 in
300 Watts	43,200 lumens	34 in	43,200 lumens	50 in	43,200 lumens	50 in
400 Watts	57,600 lumens	50 in	57,600 lumens	66 in	57,600 lumens	66 in
500 Watts	72,000 lumens	50 in	72,000 lumens	82 in	72,000 lumens	82 in
600 Watts	86,400 lumens	66 in	86,400 lumens	98 in	86,400 lumens	98 in
700 Watts	100,800 lumens	82 in	100,800 lumens	114 in	100,800 lumens	114 in
800 Watts	115,200 lumens	90 in	115,200 lumens	130 in	115,200 lumens	130 in
900 Watts	129,600 lumens	98 in	126,000 lumens	146 in	126,000 lumens	146 in

SPECIFICATIONS

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

CITADEL ORDERING INFORMATION

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

SERIES	WATTAGE	KELVIN	OPTICS	LENS	FINISH	DRIVER VOLTAGE	REMOTE CABLE	MOTION SENSOR	BATTERY BACKUP	DLC	POWER CORD TYPE	CORD LENGTH
CIT-1 Std Temp	100	40- (4000K)	1- No Optics	2- Flat Poly Clear[2]	1- Black	1- 120/277V	1- 6'	X- No	X- No	X- N/A	1- whip 120-277V	1- 6'
CIT-2 High Temp	150[1]	50- (5000K)	2- 60°	6- Tempered glass clear		4- 347/480V	2- 10'	1- Standard[3]	1- Yes	1- Standard	2- whip 347-480V	2- 12'
CIT-3 Extreme	200		4- Aisle				3- 25'	2- IOT[3]			3- 125V 15amp Straight	
	250[1]						4- 50'				4- 125V 20amp Twistlock	
	300						5- 100'				5- 250V 20amp Twistlock	
	400[1]						6- 200'				6- 277V 15amp Twistlock	
	500[1]						7- 500'				7- 277V 20amp Twistlock	
	600[1]						8- 1,000'				8- 480V 20amp Twistlock	
	700[1]						9- Custom				9- 600V 20amp Twistlock	
	800[1]											
	900[1]											

[1] Under review - DLC approval pending
[2] Due to melting concerns, Flat Poly Clear Lenses are only available with CIT-1 Standard Temperature Fixtures
[3] Motion Sensor information: Standard (1) features sensors by Wattstopper with L7 lens. Internet of Things or IOT, (2) features sensors by Enlighted Sensors

NCO Series LED

IP65 · UL CERTIFIED · DLC

TACTIK LIGHTING

fig 1.1 · **fig 1.2** · **fig 1.3**

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens. Coverage includes up to 40' and the maximum temperature rating for the motion sensors is 165°F

FEATURES

> Driver temperature up to 167°F (75°C)

> UL Listed Drivers with less than 1% failure rate

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

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

> Includes 10 Year Module Warranty - Full light engine or plug & play driver module replacement, rather than parts

> Fail off 15KA 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).

> Dimmable 0-10V

> UL 1598 listed

> IP65 rated

OPERATIONAL TEMPERATURE

STANDARD TEMP	HIGH TEMP	EXTREME TEMP
-40°F to 130°F (or -40°C to 55°C)	-40°F to 195°F (-40°C to 90°C)	-40°F to 245°F (-40°C to 118°C)

LUMINOUS OUTPUT & DIMENSIONS

	STANDARD TEMP		HIGH TEMP		EXTREME TEMP	
WATTAGE	OUTPUT	LENGTH	OUTPUT	LENGTH	OUTPUT	LENGTH
100 Watts	12,960 lumens	18 in	12,960 lumens	18 in	12,960 lumens	18 in
150 Watts	21,600 lumens	18 in	21,600 lumens	26 in	21,600 lumens	26 in
200 Watts	28,800 lumens	26 in	28,800 lumens	34 in	28,800 lumens	34 in
250 Watts	36,000 lumens	34 in	36,000 lumens	42 in	36,000 lumens	42 in
300 Watts	43,200 lumens	34 in	43,200 lumens	50 in	43,200 lumens	50 in
400 Watts	57,600 lumens	50 in	57,600 lumens	66 in	57,600 lumens	66 in
500 Watts	72,000 lumens	50 in	72,000 lumens	82 in	72,000 lumens	82 in
600 Watts	86,400 lumens	66 in	86,400 lumens	98 in	86,400 lumens	98 in
700 Watts	100,800 lumens	82 in	100,800 lumens	114 in	100,800 lumens	114 in
800 Watts	115,200 lumens	90 in	115,200 lumens	130 in	115,200 lumens	130 in
900 Watts	129,600 lumens	98 in	123,300 lumens	146 in	123,300 lumens	146 in

SPECIFICATIONS

Power Factor...>0.9
Available Wattages................ 100, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900
Kelvin Temperatures 4000K, 5000K
Input Voltage .... 120/277V & 347/480V
Performance..Up to 151 lm/W
Distribution.. 120°, 60° & Aisle
Mount Type..Suspension
Color Rendering Index (4000K) ....>70
Color Rendering Index (5000K) ....>90

NCO ORDERING INFORMATION

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

SERIES	WATTAGE	KELVIN	OPTICS	LENS	FINISH	DRIVER VOLTAGE	REMOTE CABLE	MOTION SENSOR	BATTERY BACKUP	DLC	POWER CORD TYPE	CORD LENGTH
NCO-1 Std Temp	100	40- (4000K)	1- No Optics	2- Flat Poly Clear[2]	1- Black	1- 120/277V	1- 6'	X- No	X- No	X- N/A	1- whip 120-277V	1- 6'
NCO-2 High Temp	150[1]	50- (5000K)	2- 60º	6- Tempered glass clear		4- 347/480V	2- 10'	1- Standard[3]	1- Yes	1- Standard	2- whip 347-480V	2- 12'
NCO-3 Extreme	200		4- Aisle				3- 25'	2- IOT[3]			3- 125V 15amp Straight	
	250[1]						4- 50'				4- 125V 20amp Twistlock	
	300						5- 100'				5- 250V 20amp Twistlock	
	400[1]						6- 200'				6- 277V 15amp Twistlock	
	500[1]						7- 500'				7- 277V 20amp Twistlock	
	600[1]						8- 1,000'				8- 480V 20amp Twistlock	
	700[1]						9- Custom				9- 600V 20amp Twistlock	
	800[1]											
	900[1]											

[1] Under review - DLC approval pending

[2] Due to melting concerns, Flat Poly Clear Lenses are only available with NCO-1 Standard Temperature Fixtures

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

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Turret Series LED

IP65 · UL CERTIFIED · DLC

TACTIK LIGHTING

fig 1.1 · **fig 1.2** · **fig 1.3**

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens. Coverage includes up to 40' and the maximum temperature rating for the motion sensors is 165°F

FEATURES

> Driver temperature up to 167°F (75°C)

> UL Listed Drivers with less than 1% failure rate

> Patent-pending remote driver minimizes fixture operating temperature and allows fixture to evolve with changing plant floor demands with no re-gridding required

> Includes 10 Year Module Warranty - Full light engine or plug & play driver module replacement, rather than parts

> Fail off 15KA 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 & fig 1.2*), or Internet of Things (IOT) by Enlighted Sensors (fig 1.3).

> Dimmable 0-10V

> UL 1598 listed

> IP65 rated

LUMINOUS OUTPUT & DIMENSIONS

	STANDARD TEMP		HIGH TEMP	
WATTAGE	OUTPUT	DIMENSIONS	OUTPUT	DIMENSIONS
100 Watts	14,400 lumens	11" Diameter x 1.9" Height	13,940 lumens	11" Diameter x 1.9" Height
150 Watts	22,180 lumens	11" Diameter x 1.9" Height	22,180 lumens	16" Diameter x 2.2" Height
200 Watts	32,730 lumens	16" Diameter x 2.2" Height	32,730 lumens	16" Diameter x 2.2" Height
250 Watts	39,910 lumens	16" Diameter x 2.2" Height	39,910 lumens	18" Diameter x 3.5" Height
300 Watts	49,550 lumens	18" Diameter x 3.5" Height	49,550 lumens	18" Diameter x 3.5" Height
350 Watts	57,973 lumens	18" Diameter x 3.5" Height	N/A	N/A
400 Watts	66,050 lumens	18" Diameter x 3.5" Height	N/A	N/A

OPERATIONAL TEMPERATURE

STANDARD TEMP	HIGH TEMP
-40°F to 125°F (or -40°C to 52°C)	-40°F to 185°F (or -40°C to 80°C)

SPECIFICATIONS

Power Factor...>0.9
Available Wattages..........................100, 150, 200, 250, 300, 350, 400
Kelvin Temperatures 4000K, 5000K
Input Voltage .... 120/277V & 347/480V
Performance..Up to 163 lm/W
Distribution... 120°
Mount Type..Suspension
Color Rendering Index (4000K) ....>70
Color Rendering Index (5000K) ....>90

TURRET ORDERING INFORMATION

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

SERIES	WATTAGE	KELVIN	OPTICS	LENS	FINISH	DRIVER VOLTAGE	REMOTE CABLE	MOTION SENSOR	BATTERY BACKUP	DLC	POWER CORD TYPE	CORD LENGTH
TUR-1 Std Temp	100	40- (4000K)	1- None	2- Flat Poly Clear[4]	1- Black	1- 120/277V	X- Integrated Driver	X- No	X- No	X- N/A	1- whip 120-277V	1- 6'
TUR-2 High Temp	150	50- (5000K)		6- Tempered glass clear		4- 347/480V	0- Top Mount	1- Standard[5]	1- Yes	1- Standard	2- whip 347-480V	2- 12'
TUR-4 Crane Bay[1]	200						1- 6'	2- IOT[5]			3- 125V 15amp Straight	
	250						2- 10'				4- 125V 20amp Twistlock	
	300						3- 25'				5- 250V 20amp Twistlock	
	350[3]						4- 50'				6- 277V 15amp Twistlock	
	400[2,3]						5- 100'				7- 277V 20amp Twistlock	
							6- 200'				8- 480V 20amp Twistlock	
							7- 500'				9- 600V 20amp Twistlock	
							8- 1,000'					
							9- Custom					

[1] TUR-4 must come as a Top Mount

[2] Under Review - DLC approval pending

[3] 350 Watt & 400 Watt fixtures are only available with TUR-1 Standard Temperature

[4] Due to melting concerns, Flat Poly Clear Lenses are only available with TUR-1 Standard Temperature Fixtures

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

■ AMERICAN MADE
■ HIGH HEAT
■ LOW BAY | HIGH BAY

TACTIK LIGHTING   3115 N 21st Street, Suite 2, Sheboygan, WI 53083   920.287.3840 | tactiklighting.com   TACTIK LIGHTING

■ AMERICAN MADE
■ HIGH HEAT
■ LOW BAY | HIGH BAY

APACHE Series LED

FEATURES
> 2ft and 4ft lengths available
> Meanwell Driver
> High efficacy: up to 140 lm/W
> CRI>70
> Standard 120-277V. Available Options also include
   • 277-480V
   • 12-36VDC
> Temp Rating for 20-80W Models: -40°C to 60°C (-40°F to 140°F)
> Temp Rating for 90-120W Models: -40°C to 40°C (-40°F to 104°F)
> Three connection cable entry
> Aircraft Aluminum Housing with Marine Die-Cast Powder Finish Coat
> Adjustable
> Standard 10KV surge protection
> Standard integrated junction box
> 1.5 - 3 Hour Emergency Operation (optional)
> 5 or 10 Year Limited Warranty (specified in part number)

APPLICATIONS
> Power Plants / Heavy Industrials
> Distillery, Alcohol
> Paper Mills / Wastewater Treatment Plants
> Loading Docks / Platforms / Shipyards
> Chemical Processing Facility
> Mining
> Ocean Marine
> LNG facilities
> Metal Industry
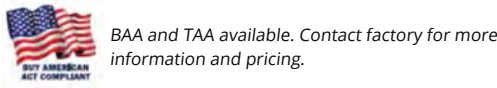
COMPLIANCE

UL 844 Hazardous Locations North America
> Class I, Division 1, Group C,D
> Class I, Division 2, Groups A, B, C & D
> Class II, Division 2, Groups F & G
> Class III

Other Markings/Standards
> UL 1598 Wet Locations
> UL 8750 LED Safety
> DLC Listed
> CSA C22.2 No. 250.0-08
> CSA C22.2 No. 137-M1981

BAA and TAA available. Contact factory for more information and pricing.

APACHE ORDERING INFORMATION

SAMPLE ORDER NUMBER: APA-4-1-8-1-3-1-1-2-X

SERIES	LENGTH	LENS	WATTAGE	VOLTAGE	CCT	OPTIC	DRIVER	WARRANTY	OPTIONS
APA	2- 2 feet	1- Glass	2- 20W	1- AC 120-277V	1- 3000K	1- 120°	1- Dim	5- 5 Year	X- None
	4- 4 feet		3- 30W	2- AC 277-480V	2- 4000K		2- Non-Dim	10- 10 Year	1- EMB
			4- 40W	3- DC 12-36V	3- 5000K				2- Custom Cable Length
			5- 50W		4- 6000K				3- Junction Box
			6- 60W						4- BAC*
			8- 80W						5- TAC*
			10- 100W						
			12- 120W						

* BAC = Buy American Compliant | TAC* = Trade Agreements Act Compliant

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BRIGADIER Series LED

FEATURES
> Available in 30W, 50W, 75W, 100W, 120W; 150W, 180W, 200W, 240W
> IP66 and IK08 double protection, with super reliability
> Input Voltage: AC120-277V, AC277-480V (50/60Hz)
> 1-10V dimmable and DALI control optional.
> Pendant, Ceiling, Wall, Trunnion, 25° Stanchion and 90° Stanchion mounting options
> Warm White-Cool White options 2000K - 6500K
> Colored LED available: R/G/B/AMBER options
> Wildlife Friendly for coastal areas.
> Type I, III and V light distribution options
> The max operating ambient temperature range: -40°C to 65°C
   • 50/75/100W: -40° to +60°   • 30/120W: -40° to +65°
   • 150W: -40° to +55°   • 180/200/240W: -40° to +45°
> Optional stainless steel guard
> Flip-type structure for easy access to internal components provides up to 1,350lm illumination for 90 minutes of emergency lighting
> Well-organized terminal block, the ceiling mounting, bracket mounting and wall mounting are equipped with 4 conduit holes.
> Easy wiring with self-locking spring terminals.
> Equipped with low copper aluminum alloy body and special powder coating, as well as stainless steel components with special anti-corrosion treatment make it suitable for marine environments for over 10 years.
> LED chips are separated from the driver cavity, ensures good heat dissipation and longer service life.

APPLICATIONS
> Power Plants
> Heavy Industrials Storage Facility
> Paper Mills
> Wastewater Treatment Plants
> Loading Docks
> Platforms
> Shipyards
> Chemical Processing Facility
> Petrochemical Processing Facility

CERTIFICATIONS AND LISTINGS UL:
> Class I, Division 2, Groups A, B, C, D
> Class II, Division 1, Groups E, F, G
> Class II, Division 2, Groups F, G
> Class III
> NEMA 4X
> UL 1598 - Wet Locations || UL 1598A - Marine || UL 8750 - LED Safety || UL 844 - Hazardous Locations CSA Standard || UL924 - Emergency Lighting
> CSA C22.2 No. 137
> CSA C22.2 No. 250.0
> CSA C22.2 No. 141

BRIGADIER ORDERING INFORMATION

SAMPLE ORDER NUMBER: BRI-20-1-3-T32003-2-X-2-5

SERIES	WATTAGE	VOLTAGE	CCT	OPTICAL	CRI	ACCESSORIES	MOUNTING	WARRANTY
BRI	3- 30W	1- 120-277V	1- 3000K	T13801- (Type I)	1- 70	X- None	1- Trunnion Mount	5- 5 Year
	5- 50W	2- 277-480V	2- 4000K	T13803- (Type III)	2- 80	1- 3/4" NPT	2- Ceiling Mount	10- 10 Year
	7- 75W		3- 5000K	T13805- (Type IV)	3- 90	2S- Wire Guard 30-100W	3- Pendant Mount	
	10- 100W		R- Red	T32001- (Type I)		2L- Wire Guard 120-240W	4- Wall Mount	
	12- 120W		G- Green	T32003- (Type III)			5- 25° Stanchion Mount	
	15- 150W		B- Blue	T32005- (Type IV)			6- 90° Stanchion Mount	
	18- 180W		A- Amber					
	20- 200W							
	24- 240W							

COLONEL Series LED

FEATURES

> Available in 30W, 40W, 50W, 60W, 70W; efficiency up to 140lm/w, lumen packages from 4200lm to 9800lm.

> IP66 and IK10 double protection, with super reliability

> Input Voltage: AC120-277V, AC277-480V (50/60Hz)

> 1-10V dimmable and DALI control optional.

> Pendant, Ceiling, Wall, Trunnion, 25° Stanchion

> Warm White-Cool White options 2000K - 6500K

> Colored LED available: R/G/B/AMBER options

> Wildlife Friendly for coastal areas.

> Standard 120° Optic

> The max operating ambient temperature range: -40°C to 65°C (-40°F to +149°F).

> Quick connection design, the installation wiring module is connected with the fixture thread, more convenient and faster installation and wiring.

> Equipped with low copper aluminum alloy body and special powder coating, as well as stainless steel components with special anti-corrosion treatment.

> Well-organized terminal block, the ceiling mounting, bracket mounting and wall mounting are equipped with four conduit holes.

> LED chips are separated from the driver cavity, ensures good heat dissipation and longer service life.

> Optional stainless-steel guard

APPLICATIONS

> Chemical
> Oil, gas and petrochemical
> Pulp and paper
> Foundries
> Manufacturing
> Waste and sewage treatment
> Power generation
> Paint spray booths

CERTIFICATIONS AND LISTINGS UL:

> Class I, Division 1, Groups B, C, D
> Class I, Division 2, Groups A, B, C, D
> Class II, Division 1, Groups E, F, G
> Class II, Division 2, Groups F, G
> Class III
> NEMA 4X
> UL 1598 - Wet Locations | UL 1598A - Marine | UL 8750 - LED Safety | UL 844 - Hazardous Locations

CSA Standard
> CSA C22.2 No. 137
> CSA C22.2 No. 250.0

COLONEL ORDERING INFORMATION

SAMPLE ORDER NUMBER: COL-5-1-2-1-3-X-2-5

SERIES	WATTAGE	VOLTAGE	CCT	OPTICAL	CRI	ACCESSORIES	MOUNTING	WARRANTY
COL	3- 30W	1- 120-277V	1- 3000K	1- 120°	1- 70	X- None	1- Trunnion Mount	5- 5 Year
	4- 40W	2- 277-480V	2- 4000K		2- 80	1- 3/4" NPT	2- Ceiling Mount	10- 10 Year
	5- 50W		3- 5000K		3- 90	2- Wire Guard	3- Pendant Mount	
	6- 60W		R- Red				4- Wall Mount	
	7- 70W		G- Green				5- 25° Stanchion Mount	
			B- Blue					
			A- Amber					

SHERMAN Series LED

FEATURES

> Expected Life: 50,000 hours
> Rating: UL844 Class 1 Division 2
> Color Rendering Index (CRI): >70
> Operating Temp: -40°C to +45°C
> Power Factor: >0.9
> Input Line Voltage:
  • 100-277V
  • 200-480V
> Input Line Frequency: 50/60Hz
> LED Chips: Philips
> Driver: Meanwell
> Housing: Standard 304 Stainless Steel
  • Optional 316 Stainless Steel
> Hardware: 304 Stainless Steel
> Lens: Polycarbonate

APPLICATIONS

> Power Plants / Heavy Industrials
> Distillery, Alcohol
> Paper Mills / Wastewater Treatment Plants
> Loading Docks / Platforms / Shipyards
> Chemical Processing Facility
> Mining
> Ocean Marine
> LNG facilities
> Metal Industry

BAA and TAA available. Contact factory for more information and pricing.

COMPLIANCE

UL 844 Hazardous Locations North America
> Class I, Division 2, Groups A, B, C, D
> Class II, Division 1, Groups E, F, G
> Class II, Division 2, Groups F, G
> Class III

Marking Atex
> II 2 G Ex db eb mb IIC T5/T6 Gb
> II 2 D Ex tb IIIC T95°C/T85°C Db IP66

Marking ICEX
> Ex db eb mb IIC T5/T6 Gb
> Ex tb IIIC T95°C/T85°C Db

Marking Marine
> UL1598, UL1598A

Other Markings/Standards
> IP66

SHERMAN ORDERING INFORMATION

SAMPLE ORDER NUMBER: SHE-2-4-1-2-1-1-2-2-5

SERIES	LENGTH	WATTAGE	VOLTAGE	CCT	OPTIC	DRIVER	OPTIONS	MOUNTING/ACCESSORIES	WARRANTY
SHE	2- 2 feet	2- 20W	1- 120-277V	1- 4000K	1- 120°	1- 0-10V Dim	1- Sensor	1- Pendant Mount	5- 5 Year
	4- 4 feet	3- 30W	2- 277-480V	2- 5000K		2- Non-Dim	2- 316 Stainless Steel Hardware	2- Surface Mount	10- 10 Year
		4- 40W					3- BAA	3- Wall Mount	
		5- 50W					4- TAA	4- Pole Mount	
		6- 60W							

SHIELD Series LED

FEATURES

> Heavy-duty and high impact resistance
> Four connection cable entry points
> Dimmable and non-dimmable options available.
> Emergency battery backup available with integrated junction box for driver.
> Tempered glass lens standard with opal globe and guard. Options include:
  • Flat Glass Lens   • Dome Reflector   • Angle Reflector
> Standard 120-277V, Available options include:
  • 12-36VDC
> Operating Temperature: -20°C - 60°C (-4°F - 140°F)
> Housing: Copper Free A383 Die Cast Aluminum
> Gasketing: Fluorosilicone Rubber
> Hardware: Stainless Steel 304
> Finish: Polyester Powder coat
> Lens: Tempered Glass
> LED Chips: Philips
> Driver: Meanwell
> Surge Protection: 10KV
> Expected Life: Over 85,000 hrs.
> Color Rendering Index (CRI): 70

COMPLIANCE

UL 844 Hazardous Locations North America
> Class I, Division 2, Groups A, B, C, D
> Class II, Division 1, Groups E, F, G
> Class II, Division 2, Groups F, G
> Class III

Other Ratings
> NEMA 4X, IP66, IK10, UL1598A Marine Vessels, UL924 Emergency Lighting

BAA and TAA available. Contact factory for more information and pricing.

APPLICATIONS

> Power Plants / Heavy Industrials Storage Facility
> Paper Mills / Wastewater Treatment Plants
> Loading Docks / Platforms / Shipyards
> Chemical Processing Facility
> Petrochemical Processing Facility
> Mining
> Ocean Marine
> LNG facilities
> Metal Industry
> Food and distilling
> Alcohol Industry
> Steel and aluminum factories

SHIELD ORDERING INFORMATION

SAMPLE ORDER NUMBER: SHI-2-1-3-1-1-1-3-OPEB

SERIES	WATTAGE	VOLTAGE	CCT	OPTIC	DRIVER	WARRANTY	OPTIONS	MOUNTING/ACCESSORIES
SHI	1- 10W	1- AC120-277V	1- 3000K	1- 120°	1- 0-10V Dim	5- 5 Year	X- None	X- None
	2- 20W	2- 12-36VDC	2- 4000K	2- 90°	2- Non-Dim	10- 10 Year	1- Flat Glass Lens	OPEM- Junction Box
	3- 30W		3- 5000K	3- 60°			2- Clear Globe	OPCM- Ceiling/Surface Mount Junction Box ³/₄" NPT
	4- 40W		4- 6000K	4- 40°			3- Frosted Globe	OPWA- 90° Wall Mount
							4- Wire Guard	
							5- Clear Globe w/ Wire Guard	
							6- Frosted Globe w/ Wire Guard	
							7- Dome Reflector	
							8- Angle Reflector	
							9- Buy American Act Compliant	
							10- Trade Agreements Act Compliant	

VANGUARD Series LED

FEATURES

> Three wattages available: 150W, 200W, 240W
> Up to 150lm/W, lumen packages from 22,500lm / 30,000lm / 36,000lm
> Color temperatures: 2000K - 6500K
> Colored LED available: R/G/B/AMBER options
> Diversified light distributions to meet various applications
> Double cable entry available - easy mounting
> Equipped with low copper aluminum alloy body, special powder coating, stainless steel components, and hot-dip galvanized: all these anti-corrosion characteristics make the VANGUARD Series suitable for marine applications/ Wildlife Friendly Coastal Areas
> LED chips are separated from the driver cavity ensuring exceptional heat dissipation and longer life span
> Cover on the driver box is designed for anti-dislodging
> Easy wiring with self-locking spring terminals
> Ambient temperature:
  • 150W: -40°C to 65°C (-40°F to 149°F)
  • 200W: -40°C to 60°C (-40°F to 140°F)
  • 240W: -40°C to 50°C (-40°F to 122°F)
> Housing: Aluminum Alloy (less than 0.4% copper content)
> Finish: Powder Coat
> Lens: Polycarbonate
> LED Chips: LED 3030
> Driver: Inventronics / MOSO
> Surge Protection: 10kV line-line, 10kV line-earth
> Expected Life: 244,000 hrs
> Rating: IP66 & IK08
> Color Rendering Index (CRI): 70/80/90

CERTIFICATIONS AND LISTINGS UL:

> Class I, Division 2, Groups A, B, C, D
> Class II, Division 1, Groups E, F, G
> Class II, Division 2, Groups F, G
> Class III
> NEMA 4X
> UL 1598 - Wet Locations | UL 1598A - Marine | UL 8750 - LED Safety | UL 844 - Hazardous Locations

CSA Standard
> CSA C22.2 No. 137
> CSA C22.2 No. 250.0

APPLICATIONS

> Power Plants
> Storage Facilities
> Paper Mills
> Waste Water Treatment Plants
> Heavy Industrials
> Loading Docks
> Shipyards
> Chemical Processing Facilities
> Petrochemical Processing Facilities

VANGUARD ORDERING INFORMATION

SAMPLE ORDER NUMBER: VAN-15-1-01606-2-X-1-5

SERIES	WATTAGE	VOLTAGE	CCT	OPTICAL	CRI	ACCESSORIES	RATING	WARRANTY
VAN	15- 150W	1- 120-277V	1- 3000K	01601- (Type I Short)	1- 70	X- None	1- Hazardous UL844	5- 5 Year
	20- 200W	2- 277-480V	2- 4000K	01602- (T4)	2- 80	1- Visor	2- Marine 1598A	10- 10 Year
	24- 240W		3- 5000K	01603- (15°)	3- 90	2- Wire Guard	3- Wet Location 1598	
			R- Red	01604- (30°)				
			G- Green	01605- (60°)				
			B- Blue	01606- (90°)				
			A- Amber	01608- (T2)				
				01609- (T2 Medium)				
				01610- (T2 Short)				
				01611- (Type IV Short)				
				01612- (Type V)				
				01613-				

JAVELIN Series LED

FEATURES

> IP69K ingress protection rating for high-pressure, high-temperature wash-down applications. Dust tight with the ability to withstand high-pressure and steam cleaning.

> IK10 impact protection, ideal for areas likely exposed to damage or high impact such as industrial areas, high traffic areas, public access areas, prisons, and schools.

> UL 94v0 rated materials used for low flame spread and minimal smoke generation. They are ideal for use in high-heat and flammable environments such as aerospace, where safety is a top priority.

> Aluminum breather on end-cap to reduce moisture build up internal to fixture.

> UL Class P Certified Flicker Free Driver

> Housing: UV resistant Polycarbonate (PC) standard, Corrosion resistant Acrylic (PMMA) optional. Both options can be made with a clear or frosted lens.

> Hardware: Corrosion resistant S316 stainless steel.

> Power Factor: >0.95

> Efficacy: Standard 130lm/W, 150lm/W optional

> Fixture length options include: 2' (20W), 4' (36W), 5' (45W)

APPLICATIONS

> Food processing spaces
> Pharmaceutical factories
> Farms, hatcheries, animal housing
> Car washes
> Supermarkets

JAVELIN ORDERING INFORMATION

SAMPLE ORDER NUMBER: JAV-4-1-1-2-3-1-1-X-X-X

SERIES	LENGTH & WATTAGE	EFFICACY	HOUSING	LENS	CCT	VOLTAGE	DRIVER	MOUNTING OPTIONS	FIXTURE ENTRY	OPTIONS
JAV	2- 24"/20W	1- Std	1- Poly	1- Clear	1- 3000K	1- 120-277V	X- Non Dim	X- None	X- None	X- None
	4- 48"/36W	2- High	2- Acrylic	2- Frosted	2- 4000K		1- 0-10V Dim	CM- Clamp	SE- Single End	3P- 3 Pin Connector
	5- 60"/45W				3- 5000K		2- 1-10V Dim	RM- Adjustable	S-NSF- Single End (NSF Standard)	5P- 5 Pin + Dim Connector
					4- 6000K			SM1- Aircraft	DES- Double End (Attached End Caps)	CL- Cable Connector (Specify Size)
								SM2- 316 Aircraft		MS- Microwave Sensor
								C- Conduit		EM- 3W Battery Backup

SENTINEL Series LED

FEATURES

> Lumileds SMD LED
> High efficacy 150lm/W and 190lm/W
> AC120-277V / AC100-247V / 277-480V (Isolated)

Optional

> 115° beam angle
> 70/80 CRI optional
> IP66 and IP69K, can be washed directly
> Operating temperature: -40°C to 45°C (-40°F to 113°F)
> 5 year warranty

APPLICATIONS

> Food processing spaces
> Pharmaceutical factories
> Farms, hatcheries, animal housing
> Car washes
> Supermarkets

PARAMETERS

SIZE	POWER	HIGH LUMEN			EXTRA HIGH			INPUT VOLTAGE	CCT
		LUMENS	EFFICACY	CRI	LUMENS	EFFICACY	CRI		
17.08" X 7.56"	80W	12,000	150 lm/W	>80	15,200	190 lm/W	>70	120-277V 100-247V 277-480V	3000K 4000K 5000K 5700K
	100W	15,000			19,000				
	125W	18,750			23,750				
	150W	22,500			28,500				
	185W	27,750			35,150				
	200W	30,000			38,000				

SENTINEL ORDERING INFORMATION

SAMPLE ORDER NUMBER: SEN-7-3-1-1-X-X-1

SERIES	WATTAGE	CCT	VOLTAGE	MOUNTING	SENSOR	OPTIONAL HOUSING	EFFICACY
SEN	1- 80W	1- 3000K	1- 120-277V	1- Suspended	X- None	X- White	1- 190 lm/W
	2- 100W	2- 4000K	2- 100-247V	2- Pendant	1- Sensor	1- Red	2- 150 lm/W
	3- 125W	3- 5000K	3- 277-480V			2- Blue	
	5- 150W	4- 5700K				3- Black	
	6- 185W					4- Green	
	7- 200W						

EVAC Series LED

FEATURES

> High durability and reliability
> Label content customizable
> Low working wattage for energy saving
> 3/4" NPT or M25 conduit hubs
> Pendant, wall and end bracket mounts provide universal installation options. Glass sign panel makes cleaning easy
> Long lifespan: Up to 50,000 hours
> Operating Temperature: -40°F to 140°F
> Emergency Battery included (90 minutes)

MATERIALS

> Housing: A356T6 Aluminum with baked epoxy finish
> Sign Panel: Tempered Glass (Transparent)
> Letters: Red (std) or Green
> Weight: 13.23LBS.
> Gasket: One-piece Silicone
> Hardware: Stainless Steel (including hangers)

APPLICATIONS

> Power Plants / Heavy Industrials
> Distillery, Alcohol
> Paper Mills / Wastewater Treatment Plants
> Loading Docks / Platforms / Shipyards
> Chemical Processing Facility
> Petrochemical Processing Facility
> Mining
> Ocean Marine
> LNG facilities

RATINGS/CLASSIFICATIONS

> Marking UL844
> Class I, Division 1, Groups B, C, D
> Class I, Division 2, Groups A, B, C, D
> Class II, Division 1, Groups E, F, G
> Class II, Division 2, Groups F, G
> Class III
> Marking Marine UL924
> Other: Wet Location

DIMENSIONS

417 mm [16.42 in]
425 mm [16.74 in]
116 mm [4.57 in]
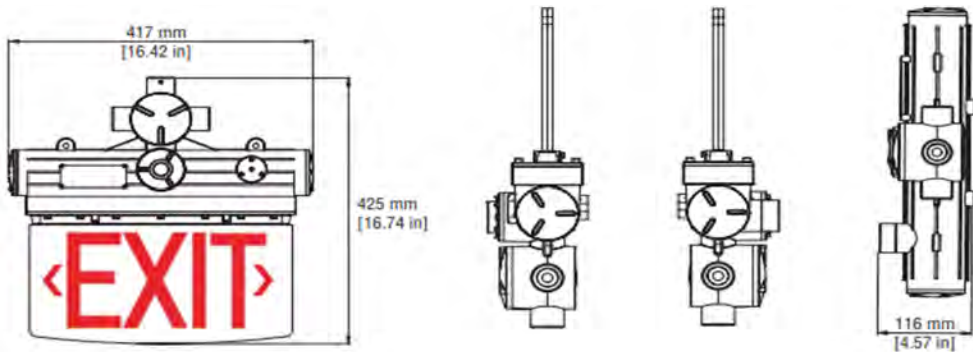
EVAC ORDERING INFORMATION

SAMPLE ORDER NUMBER: EVA-3-1-1-2

SERIES	WATTAGE	LETTERS	VOLTAGE	OPTIONS
EVA	3- 3W	1- Red	1- 120-277V	1- Wall Mount
	5- 5W	2- Green		2- Pendant Mount

ARMADA Series LED

FEATURES

> Rugged two-piece die-cast aluminum housing
> Housing design promotes effective heat dissipation, prolonging fixture lifetime
> Housing is completely sealed against moisture and environmental contaminants (IP65)

CONTROLS:

> Optional multi-level motion sensor
> Optional emergency battery backup provides up to 90 minutes of operation during outages

INSTALLATION:

> Surface mounting with included bracket
> Pendant mounting with optional V-hook

WARRANTY:

> 5 Year Limited Warranty

LISTINGS:

> DesignLights Consortium® (DLC) Premium qualified (parking garage) and Standard qualified (low bay)
> UL Wet Location Listed
> Rated for ambient operating temperature -40˚F to 113˚F (-40˚C to 45˚C)

OPTICS:

> Parking garage and low bay light distribution available.
> Light engines are available in standard 4000K and 5000K configurations
> A range of lumen options available from 5,500 to 13,000 Lumens, replaces up to 250W metal halide
> Impact and UV-resistant polycarbonate lens is precisely designed to give a specific light distribution, maximizing efficiency and application spacing

ELECTRICAL:

Universal 120-277V input voltage
> 1-10V dimming driver(s) standard
> THD: ≤20%, Power Factor: ≥90%

BAA and TAA available. Contact factory for more information and pricing.

APPLICATIONS

> Heavy Industrials Storage Facility
> Wastewater Treatment Plants
> Loading Docks / Platforms / Shipyards
> Chemical Processing Facility
> Parking Garages
> Production
> Ocean Marine
> Food Processing

ARMADA ORDERING INFORMATION

SAMPLE ORDER NUMBER: ARM-3-1-2-1-X-X-2

SERIES	WATTAGE	VOLTAGE	CCT	FINISH	SENSOR	EMERGENCY	PHOTOMETRY
ARM	1- 45W	1- 120-277V	1- 4000K	1- White	X- None	X- None	1- Parking Garage
	2- 70W		2- 5000K	2- Bronze	1- Sensor	1- EMB	2- Low Bay
	3- 95W			3- Black			

Stainless Steel Garrison Series LED

IP65 · **UL CERTIFIED**

TACTIK LIGHTING

Equipped with integrated latches

Stainless Steel Housing

FEATURES

> Stainless housing for optimal heat dissipation
> Suspend or surface mount the fixture
> Includes 5 Year parts warranty
> In-series transient voltage surge suppressor (TVSS) protects fixture against failure due to dirty power and power supply surges
> Dimmable 0-10V
> 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
> Rated IP65

LUMINOUS OUTPUT

WATTAGE	OUTPUT
50 Watts	7,200 lumens
75 Watts	10,500 lumens
100 Watts	14,400 lumens
125 Watts	16,000 lumens

fig 1.1   **fig 1.2**   **fig 1.3**

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens. Coverage includes up to 40' and the maximum temperature rating for the motion sensors is 165°F

SPECIFICATIONS

Input Voltage 120/277V
Performance..Up to 144 lm/W
Operational Temperature.......-40°F to 149°F (-40°C to 65°C)
Distribution.. 120°
Mount Type..........................Suspended or Surface Mounted
Available Wattages..50, 75, 100, 125
Kelvin Temperature 4000K, 5000K
Dimensions... L51.8" x W7.5" x H4.4"
Color Rendering Index ....>70

GARRISON ORDERING INFORMATION

SAMPLE ORDER NUMBER: GAR-7-X50-40-1-3-2-1-1-X-X-1

SERIES	WATTAGE	KELVIN	OPTICS	LENS	FINISH	DRIVER VOLTAGE	REMOTE CABLE	MOTION SENSOR	BATTERY BACKUP	CORD
GAR-7	X50	40- (4000K)	1- No Optics	3- Drop Poly Frosted	2- Stainless	1- 120-277V	1- N/A	X- No	X- No	1- 125V, 15amp, SB, 6ft
	X75	50- (5000K)						1- Standard[1]	1- Yes	3- 125V, 15amp, TL, 6ft
	100							2- IOT[1]		9- 277V, 15amp, TL, 6ft
	125									D- 300V, Whip, 6ft

[1] Motion Sensor part information: Standard (1) features sensors by Wattstopper with L7 Lens. Internet of Things (2) features sensors by Enlighted Sensors
** Fixture Includes a 6 foot Hardwired Cord- see Power Cord ordering information on page 12 for additional options.

Sample Product Comparison- Standard Temperature

|	Tactik Lighting Turret	Tactik Lighting Citadel	Tactik Lighting NCO	KBL Series	Lithonia
In-series Transient Voltage Surge Suppressor (TVSS) to protect from dirty power including spikes, transients and lightning	✔	✔	✔	✘	✘
Programmable driver allows for precise light output	✔	✔	✔	✘	✘
Standardized Driver - eliminates multiple SKUs - same driver, multiple fixtures - NCO, Citadel, Turret	✔	✔	✔	✘	✘
Fast lead times	✔	✔	✔	✘	✘
IOT integrates lighting into other building systems	✔	✔	✔	✘	✘
Operational Temperature	up to 125°F (52°C)	up to 130°F (55°C)	up to 130°F (55°C)	up to 122°F (50°C)	up to 113°F (45°C)
Warranty	10 year warranty	10 year warranty	10 year warranty	5 year warranty	5 year warranty
Performance	163 lumens/watt	160 lumens/watt	151 lumens/watt	153 lumens/watt	136 lumens/watt
Driver	Remote or Integrated	Remote or Integrated	Remote or Integrated	Integrated Only	Integrated Only
Kelvin Temps Available	4000K, 5000K	4000K, 5000K	4000K, 5000K	3000K, 4000K, 5000K	4000K, 5000K
Distribution	120° Only	60°, 120°, Aisle	60°, 120°, Aisle	120° Reflectors	120° Only
Lenses	Flat Poly Clear & Flat Tempered Glass	Flat Poly Clear & Flat Tempered Glass	Flat Poly Clear & Flat Tempered Glass	Tempered Glass	No Lens or Acrylic
Light Output (Lumens) - Higher is better	14,400 - 66,050	13,220 - 129,600	12,960 - 129,600	9,000 - 30,000	12,000 - 30,000
CRI - Higher is better	5000K - 90 CRI 4000K - 70 CRI	5000K - 90 CRI 4000K - 70 CRI	5000K - 90 CRI 4000K - 70 CRI	70 or 80 CRI	Minimum 80 CRI
Wattages available	100W - 400W	100W - 900W	100W - 900W	155W or 233W	81W - 215W
IP Rating	IP65	IP65	IP65	IP65	Damp Location Listed
Options	Plug & Play power cord; Motion Sensor; Mounting options; Battery Backup; Remote Driver up to 1,000 feet	Plug & Play power cord; Motion Sensor; Mounting options; Battery Backup; Remote Driver up to 1,000 feet	Plug & Play power cord; Motion Sensor; Mounting options; Battery Backup; Remote Driver up to 1,000 feet	Mounting Options including J-Box, Pendant, or Hook & Cord	Hardwire Cord; Motion Control Sensor

Sample Product Comparison- High & Extreme Temperature

	Tactik Lighting Turret	Tactik Lighting Citadel	Tactik Lighting NCO	Dialight Vigilant LED	Holophane Phuzion LED	MaxLite	Hubbel HBLHA Series
In-series Transient Voltage Surge Suppressor (TVSS) to protect from dirty power including spikes, transients and lightning	✓	✓	✓	✗	✗	✗	✗
Thermistor - LED's are protected from premature light depreciation due to overheating	✓	✓	✓	✗	✗	✗	✗
Programmable driver allows for precise light output	✓	✓	✓	✗	✗	✗	✗
Standardized Driver - eliminates multiple SKUs - same driver, multiple fixtures - NCO, Citadel, Turret	✓	✓	✓	✗	✗	✗	✗
Fast lead times	✓	✓	✓	✗	✗	✗	✗
IOT integrates lighting into other building systems	✓	✓	✓	✗	✗	✗	✗
Made in USA - Sheboygan, WI	✓	✓	✓	✗	✗	✗	✗
50%Operational Temperature	185°F (80°C)	245°F (118°C)	245°F (118°C)	149°F (65°C)	175°F (70°C)	140°F (60°C) <16hrs.	149°F (65°C) @ 50% Light Output
Warranty	10 year warranty	10 year warranty	10 year warranty	10 year warranty	5 year warranty	5 year warranty	5 year warranty
Performance	163 lumens/watt	160 lumens/watt	151 lumens/watt	145 lumens/watt	119 lumens/watt	130 lumens/watt	100 lumens/watt
Driver	Remote or Integrated	Remote or Integrated	Remote or Integrated	Integrated Only	Remote or Integrated	Integrated Only	Integrated Only
Kelvin Temps Available	4000K, 5000K	4000K, 5000K	4000K, 5000K	2700K, 4000K, 5000K	3000K, 3500K, 4000K, 5000K	4000K, 5000K	4000K, 5000K
Distribution	120°	60°, 120°, Aisle	60°, 120°, Aisle	Oval, Medium, Narrow, Wide	Narrow, Medium, Wide, or Focus	120°	Aisle, Narrow, Wide
Lenses	Flat Tempered Glass	Flat Tempered Glass	Flat Tempered Glass	Glass	Frosted or Acrylic	Clear	Polycarbonate
Light Output (Lumens) - Higher is better	13,940 - 49,550	13,220 - 126,000	12,960 - 123,300	10,250 - 26,250	12,000 - 60,000	31,200	10,213 - 16,808
CRI - Higher is better	4000K - 70 CRI 5000K - 90 CRI	4000K - 70 CRI 5000K - 90 CRI	4000K - 70 CRI 5000K - 90 CRI	Minimum 80 CRI	70, 80, 90 CRI	80 CRI	68 CRI
Wattages available	100W - 300W	100W - 900W	100W - 900W	80W, 102W, 129W, 186W	81W, 130W, 170W, 218W, 254W, 288W, 323W, 374W, 437W	240W	112W, 139W, 169W
IP Rating	IP65	IP65	IP65	IP66	IP64	IP66	IP65
Options	Plug & Play power cord; Motion Sensor; Mounting options; Battery Backup; Remote Driver up to 1,000 feet	Plug & Play power cord; Motion Sensor; Mounting options; Battery Backup; Remote Driver up to 1,000 feet	Plug & Play power cord; Motion Sensor; Mounting options; Battery Backup; Remote Driver up to 1,000 feet	Occupancy Sensor; Mounting Options	Dimming Sensors; Mounting Options; Wire guard; Battery Backup	Hardwire	Hardwire
Dimmable 0-10V	✓	✓	✓	✗	✗	✓	✗

Where to Buy | How to Order

MANUFACTURING REPS:
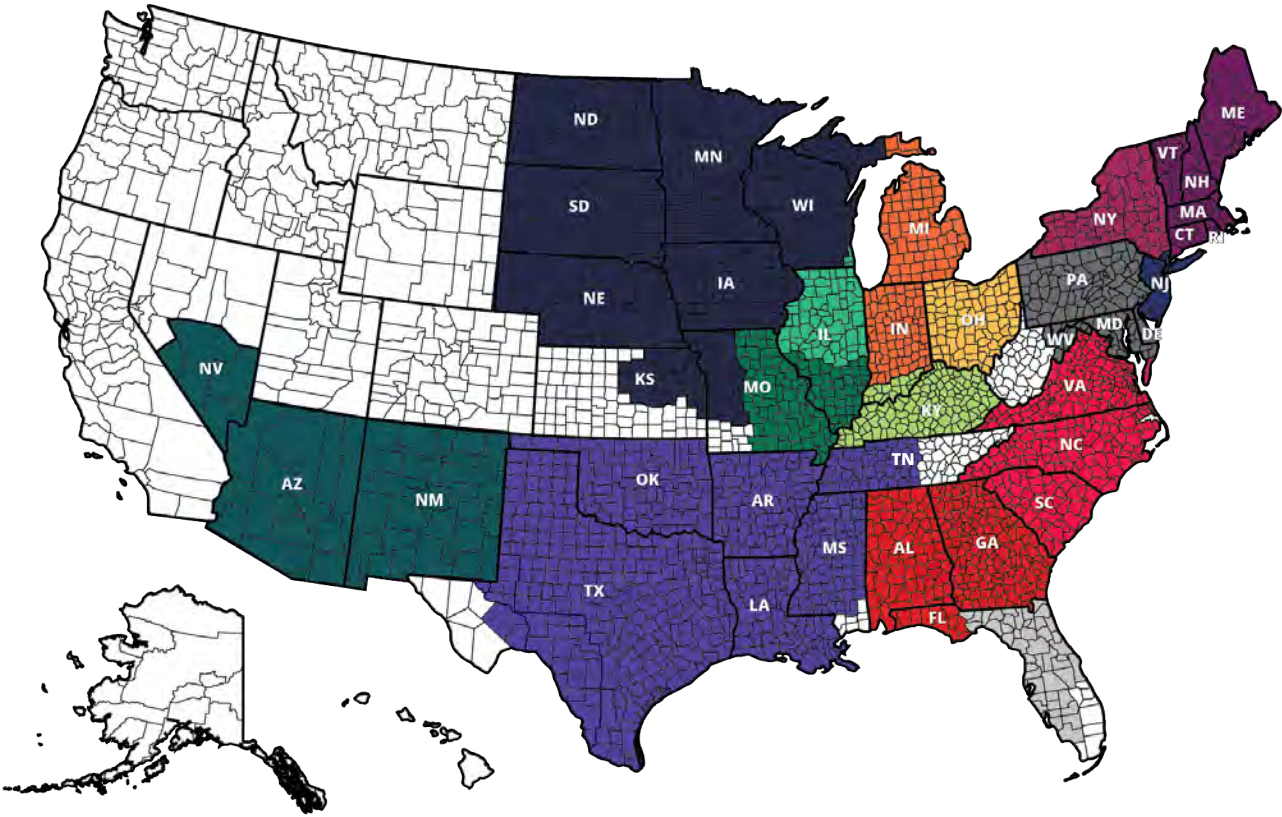
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ESE

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McNaughton-McKay Electric Company

Kendall Electric — A MEMBER OF THE KENDALL GROUP

All-Phase Electric Supply Co.

CED — Consolidated Electrical Distributors, Inc.

WES — Wholesale Electric Supply

FOR MORE INFORMATION:
Visit our website **tactiklighting.com/wheretobuy**

Tactik Lighting Contact Information

FOR QUESTIONS OR INFORMATION:
By phone: **920-287-3840**
By e-mail: **sales@tactik.com**

OPERATING HOURS:
8am-4pm central time, Monday through Friday.

SHIPPING:
Product is shipped from our facilities in Wisconsin. Purchases of $4,000 or more are shipped free of charge. All other orders are subject to standard shipping fees.

PAYMENT TERMS:
Net 15 days.

RETURNS:
Any product purchased from Tactik Lighting can be returned in the original packaging, unused and in salable condition for a 15% restocking fee. Returns need to be initiated with Tactik Lighting customer service within 45 days of product delivery. Customer is responsible for return shipping costs. Credit will be issued after product has been received and inspected by Tactik Lighting.

BACKED WITH CONFIDENCE.
INSTALLED BY YOU.

PRODUCTS MADE IN AMERICA
> First industrial lighting manufacturer to offer American-made products
> Shortens lead times
> Get American quality not foreign tariffs

REFURBISHMENT PROGRAM
> Lowest life cycle cost
> Low LED & driver running temperatures
> Rugged military-grade design
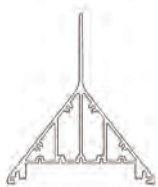> Quality materials, components and construction

245° F
195° F
125° F

HIGHER HEAT RATINGS
> Fixtures rated up to 125°F, 195°F, and 245°F
> Up to a 30% increase compared to leading competitors
> Unlike competitors, there's no fall-off in lumen output as heat limit is approached

PATENT PENDING DESIGNS
> Sets new standards for cooling efficiency over the life of the fixture
> Innovative, vertical exterior cooling fin dissipates heat while preventing dust and debris build-up
> Internal cooling fins provide additional protection against dust and debris

WattStopper
legrand

Enlighted

THE TACTIK ADVANTAGE

At Tactik Lighting,

we do things differently.

Our team has decades

of experience helping

hundreds of clients.

We've seen what doesn't work

and we refuse to do it that way.

Our standards are set high

only to deliver the very best

products to our clients.

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