

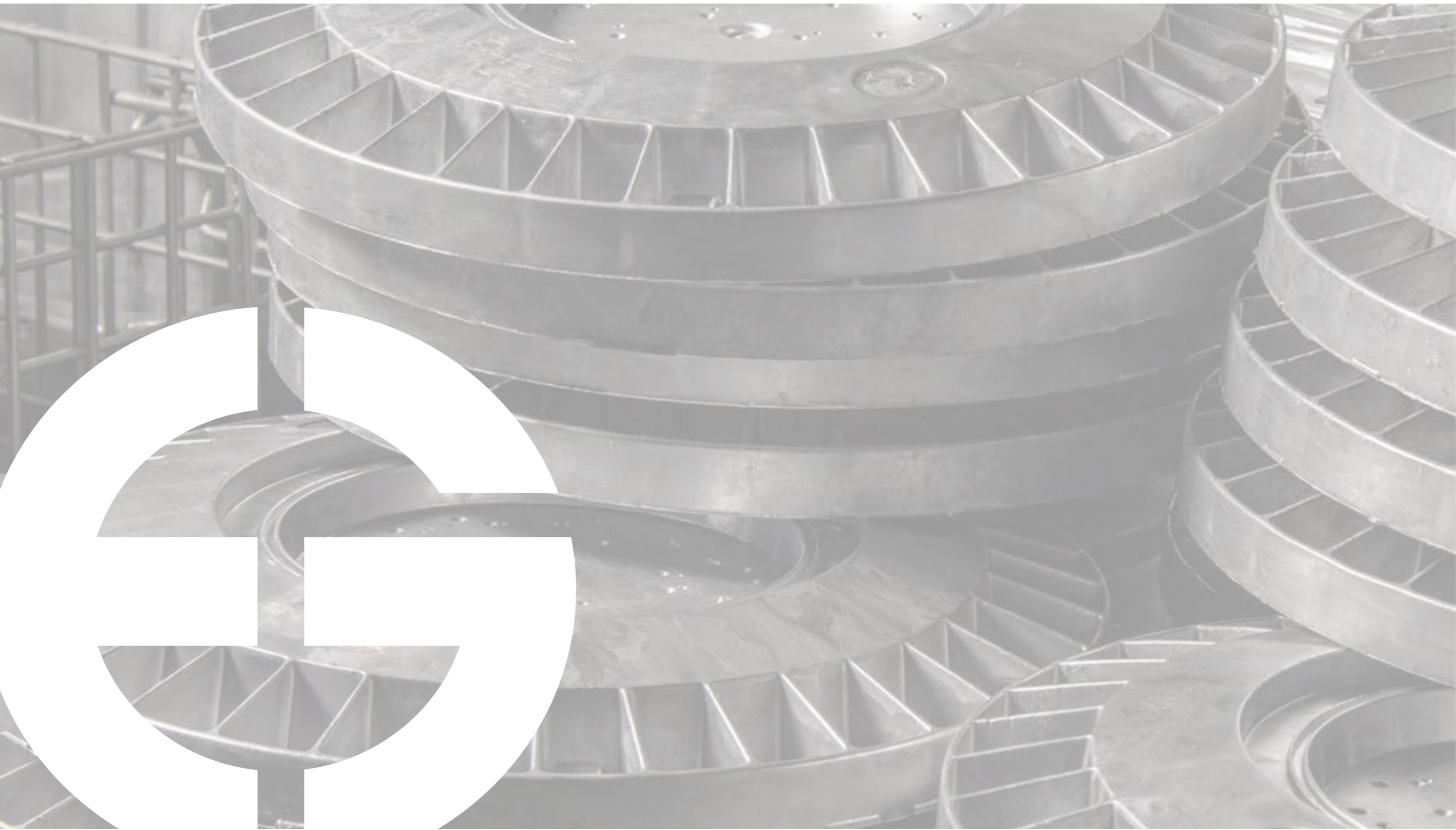


COMMERCIAL LED  
FIXTURE CATALOG

2016.

SPRING





## THE ART OF LIGHTING

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### ADDRESS

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## AT A GLANCE .

Eran Industrial is a wholly owned subsidiary of the Eran Group and was formed in 2000. Its roots go back to the late 80's with Eran Plastics, a highly successful component manufacturer that specialized in supplying lenses, refractors, and globes to the lighting industry. Eran Industrial specializes in designing, engineering, manufacturing, and distributing state-of-the-art lighting fixtures. Eran Industrial and The Eran Group are vertically integrated companies affording complete self-reliance and cost savings for their customers. In truth, we care about our valued customers in relation to our products. To do this, we draw on a global pool of resources to ensure our customers get nothing but the best.

750 | Thousand square feet of manufacturing floor space across four company-owned facilities.

700 | Full-time employees worldwide.

65 | Full-time designers & engineers.

30 | Countries to which we sell and ship goods.

12 | Fortune 500 OEM's for whom we design, produce & supply with goods.

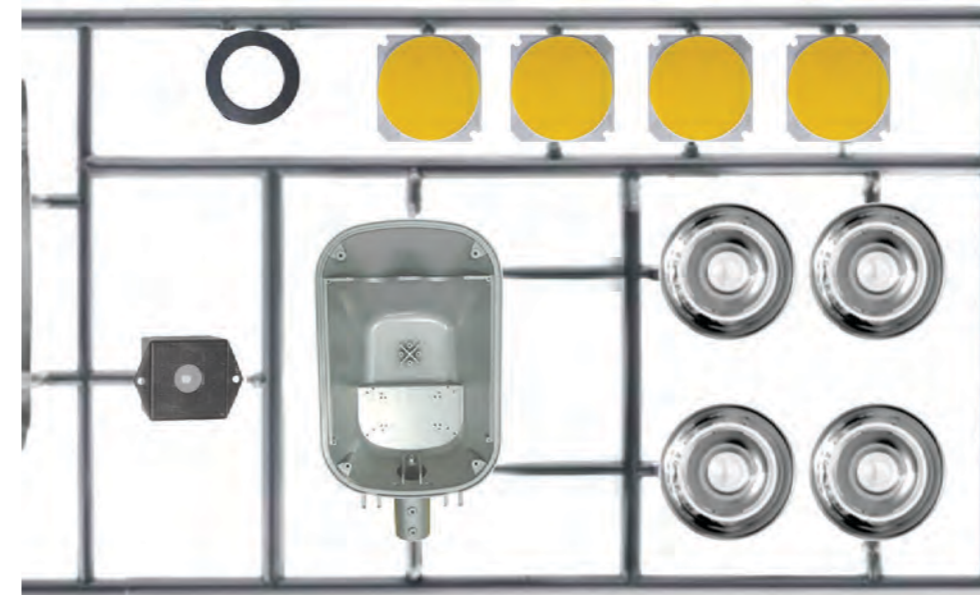
1 | Vertically integrated company who is diverse enough to competitively design, engineer, produce, distribute and finance any of your products.



**ABOUT.**

**IMAGINE A COMPANY THAT THINKS OF... WELL, YOU!**

The Eran group of companies offer a broad range of products and services to their customers in a variety of industries. They serve the lighting, electrical, health care, marine, industrial equipment, agriculture, real estate, and media sectors. Eran Industrial also offers design, engineering, custom manufacturing, logistics, sourcing, marketing, financing, distribution and warehousing.



“LIGHT FIXTURES MADE BY ERAN AREN'T SIMPLY PUT TOGETHER WITH OFF THE SHELF COMPONENTS THEY ARE WELL DESIGNED WITH EXACTING ENGINEERED SPECIFICATIONS ACCORDING TO OUR CUSTOMERS' NEEDS AND INDUSTRY STANDARDS”.

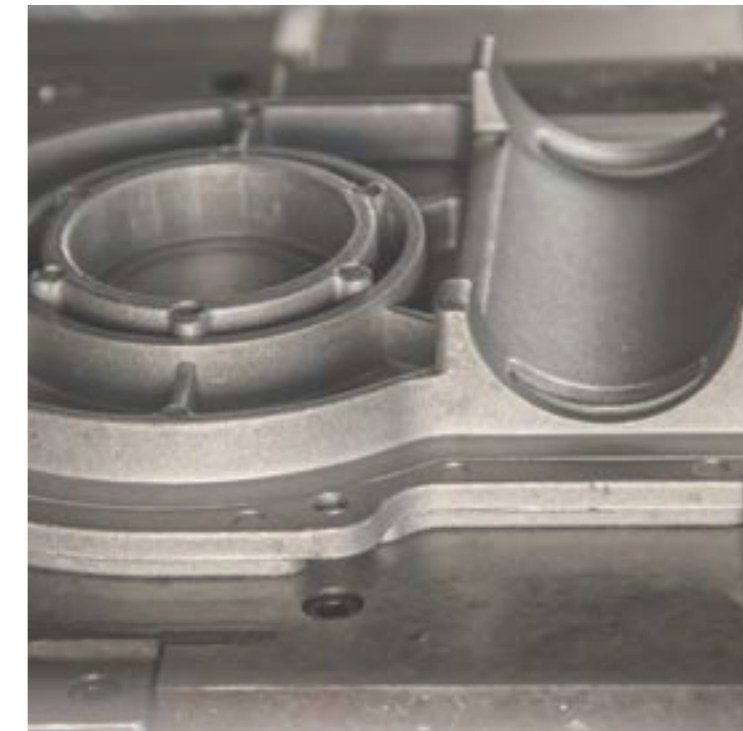
Manufacturing quality lighting products is not like putting together a model car where all the parts snap out and fit together perfectly. It takes thoughtful design, exacting engineering, and meticulous manufacturing. This is what you can expect from all of Eran Industrial's products.



### COMPANIES WE'VE WORKED WITH JUST LOVE US!

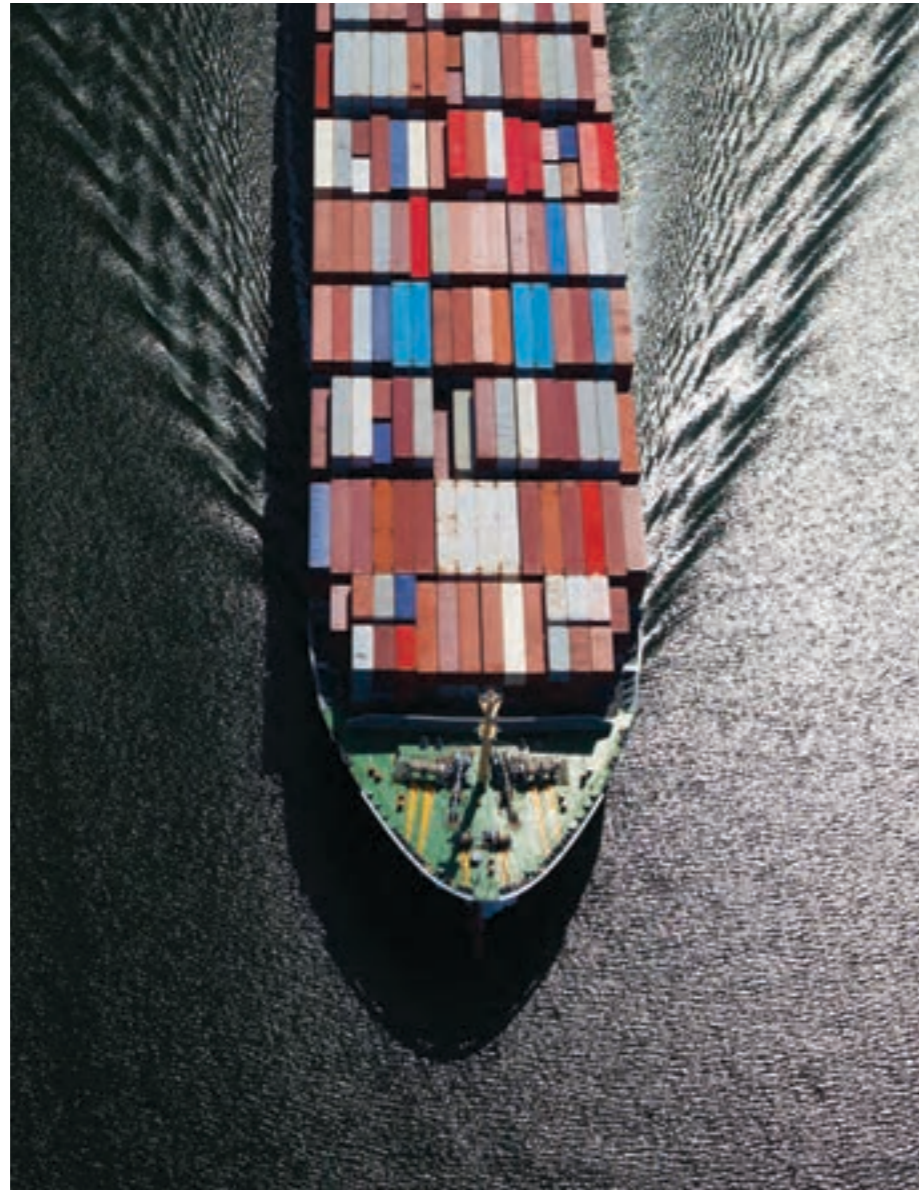
Eran Industrial has several hundred customers and the products we produce ultimately end up in the hands of millions of consumers around the world. The majority of our customers are manufacturers of lighting products, industrial equipment and consumer goods. These customers range in size from small "Ma and Pa" manufacturers to multi-billion dollar corporations and fortune 500 companies. For these companies, we provide contract engineering and manufacturing services for proprietary products. Many of our customers also enjoy access to our open stock product offerings. What are you waiting for? Become one of our satisfied customers!

Eran Industrial is a 16-year old custom manufacturer and private labeler specializing in design, engineering, tooling, production, logistics and financial services for lighting products



and industrial components around the world. We refuse to think of our customers as, well, customers. That's because they are so much more. They are our partners. We only work with firms that have the strength and passion to produce great products year after year. We love the ones who are looking to unload some of their design, engineering, manufacturing and distribution burdens. We give each partner a dedicated team focused on their needs and use time-tested systems to deliver quality, excellence and customer service at the highest level. That's why time and time again we are a preferred supplier to some of the biggest names.

## SERVICES.



## THE SUPPLY CHAIN

Eran Industrial is truly international and conducts business in over 30 countries around the World. With seven (7) warehouses in North America, we offer real-time vendor managed inventory (VMI) services throughout North America. We are constantly on the move, seeking new locations for logistical convenience for our customers. We will even open warehouses close to your manufacturing locations, distribution outlets or close to your markets.

**WE SERVE OVER 30 COUNTRIES ACROSS FOUR CONTINENTS WITH WAREHOUSING AND STAFF IN MANY OF THESE REGIONS.**



### Countries Eran Industrial Does Business In

- Bahrain • Brazil • Canada • China • Columbia • Cyprus • Ecuador • Egypt • Finland • Greece • India • Indonesia • Ireland • Israel • Italy • Kuwait • Mauritius • Morocco • New Zealand • Panama • Philippines • Poland • Saudi Arabia • Singapore • Spain • Sudan • Sweden • Thailand • UK • Uruguay • USA • Russia • Venezuela • Italy • France.

## SOURCING & LOGISTICS

More often than not, we can fill your lighting and industrial equipment manufacturing needs in one of our four (4) vertically integrated company-owned manufacturing facilities, which feature 750,000 square feet of factory floor space. However, you may have a need which would be better or more economical to source it from one of our many partners in Asia. We can take charge or assist you in design, engineering and regulatory

certifications. We will gladly arrange create a suitable sourcing arrangement on your behalf. In addition to this, we will take charge of quality control (We are ISO9001.2008) using our tried and true Standard Operation Procedures (SOP), arrange shipping, appropriate labeling, even marketing collateral and all other logistics to ensure you have immediate success in the marketplace.



### FINANCIAL LOGISTICS

We will work with you to support your business with flexible and extensive financing options designed to help you grow. We offer real-time inventory solutions to support your growing needs. In addition to financing, we offer VMI and consignment options for your personalized program. We are much more than a manufacturer. Our experience allows us to collaborate with you to identify unique financial solutions for your business. When you leverage our strengths, you can focus on your most important priorities – your customers and growing your business.

### CREATIVE AR FINANCING

Cash flow can't keep up with your growth? It is a common story. We offer numerous innovation Accounts Receivable financing programs designed to help with your positive cash flow. Our well qualified customer can often receive our shipment, distribute it, invoice, and collect on it well before our invoice becomes due. What more could a growing business ask for!

### CHINA DIRECT / DIRECT CONTAINERS

Full 20' and 40' containers are the mainstay of our business and are the most economical service we offer our customers. We have the connections and preferred rates you can benefit from. Less Container Load (LCL) is another way of doing business with us. With LCL shipment, you pay for your load to be shipped in a container with one or more loads from our other customers, often reaping substantial cost savings. We are able to offer freight, insurance and in-land trucking directly to your final destination and finance this for you according to the terms of your product purchase order.

### MADE TO ORDER (MTO)

A hidden gem among financial benefits is MTO. The financial burden of customers individually modifying our standard product can be staggering. Let us take this burden away from you! Available for qualifying product lines, we are able to offer state-side manufacturing and assembling options. This program is ideal for companies that are able to forecast common "class A items", and infrequent requests for "class B items" (i.e. adding a photocell or other modification). These can be Made To Order (MTO) in our California UL facility. Drop shipping is available with this program.

### VENDOR MANAGEMENT INVENTORY (VMI)

Let's face it, there is a considerable hidden cost associated with proper inventory control, and an even greater one if your customer orders a product and it is out of stock. Let us bear this cost, burden, and responsibility. With our Vendor Management Inventory (VMI) programs we offer our customers a means of optimizing supply chain performance, where we are responsible for maintaining inventory levels to our your predefined specifications. This enables us to ensure you maintain correct inventory levels, and make sure all your order have stock availability. Overall, this allows you to concentrate on selling more product, knowing full well it will be available when your customers order it.

### JUST IN TIME PROGRAM (JIT)

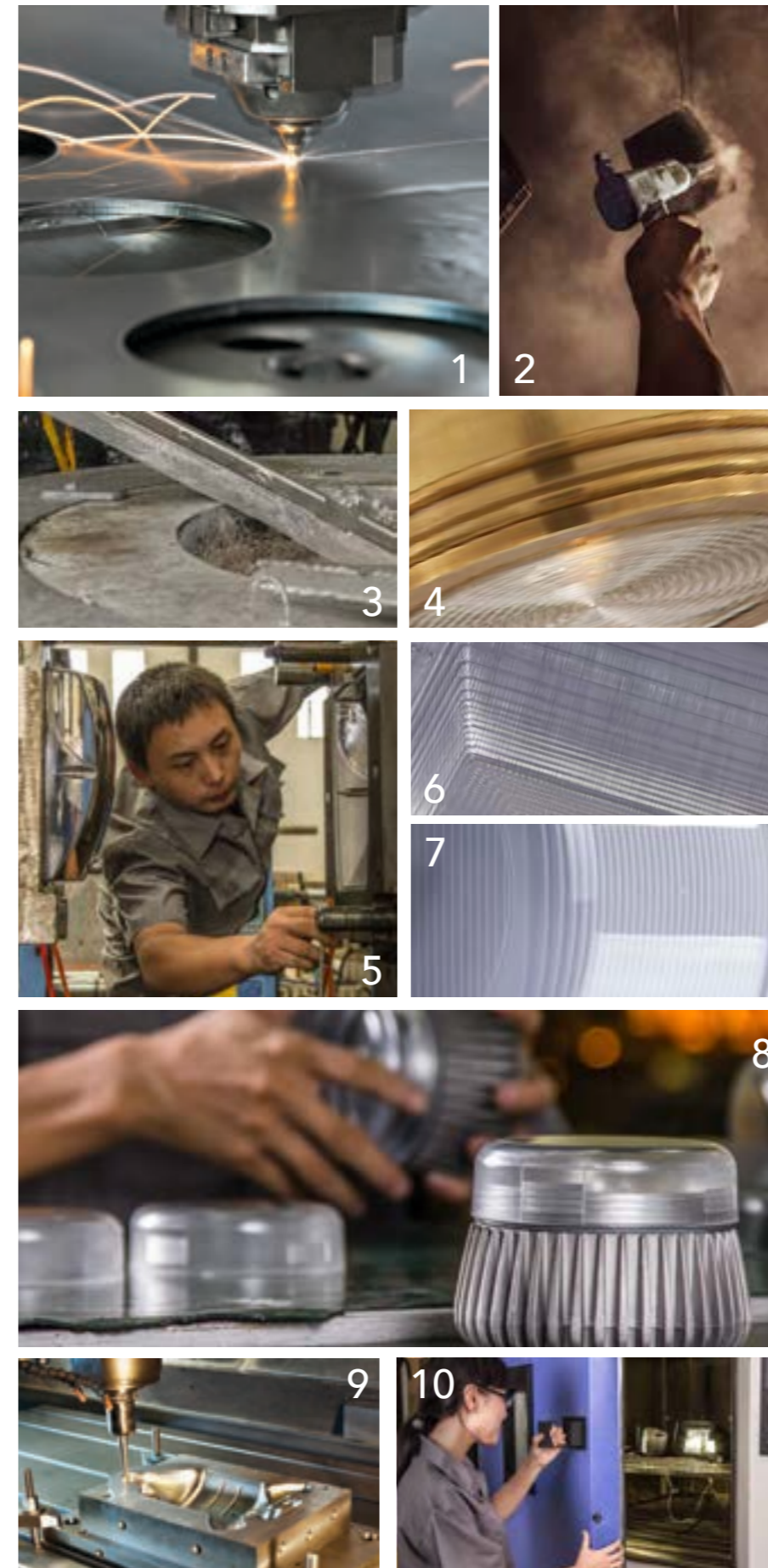
So you want to take advantage of the manufacturing efficiency of a large run and the cost savings associated with this type of purchase... but don't want to be invoiced for the product until it ships for Just-In-Time delivery? Then this is the program for you. Available for well qualified customers/partners, this program is ideal for growing companies who can't or don't want to invest their own cash flow into such benefits. It is offered on a 6 months term. Products are stored in Eran Industries-owned warehouses and are shipped within 24 hours of order placement and only then is an invoice generated for items released.

## MANUFACTURING CAPABILITIES



### WE HAVE EXHAUSTIVE PRODUCTION AND MANUFACTURING CAPABILITIES.

We have four modern factories in China (over 750,000 square feet) which are supplemented by several assembly locations in the USA and numerous joint venture operations throughout Asia. The company has over 700 employees with 65+ of these being designers, engineers and technicians living and working on three different continents. Our manufacturing environment is very structured and strictly follows documented standard operating procedures (SOPs) in accordance with our ISO 9001.2008 and other quality designations.



## WHAT WE CAN DO

We have a wide range of processes and materials that we are experts with, and modern well-maintained equipment designed to accomplish most manufacturing tasks. For example: We have multiple high-pressure and low pressure aluminum die-cast machines and can easily produce a single part anywhere up to the size of a small table using our 1700 ton die cast machinery. We have many computer controlled plastic injection-molding machines with tonnage up to 780 tons. In addition to this, we regularly extrude aluminum up to nearly a foot in diameter. Our numerous custom-engineered and proprietary machinery enables us to produce truly unique and remarkable products.

- 1 STEEL**  
Stamping, CNC Machining, Laser-Cutting, Welding, Casting, Spinning, Hydro Form, Fabrication, Arc Welding.
- 2 FINISH**  
Chemical treatment, Polyester powder coat, Wet paint, Galvanized, Anodizing, Vacuum metalizing, Brushed satin, Chrome Nickel, Mirror, & cold-mirror.
- 3 ALUMINUM**  
High & Low-pressure die-cast, Gravity/Permanent molding, Sand-cast, Spinning, Hydro form, Welding, Fabrication, TIG & MIG Welding.
- 4 BRASS & BRONZE**  
High-pressure injection, Casting, CNC machining, Fabrication.
- 5 GRP**  
Injection molding, Compression molding.
- 6 GLASS**  
Press-Borosilicate & Soda-lime, Water jet cutting, Silkscreen, Tempering, Annealing, Acid treatment & etching.
- 7 PLASTICS**  
Injection molding, Injection blowmolding, Extrusion, blowmolding, Vacuum forming, Roto-molding.
- 8 ASSEMBLY**  
Wiring, Shaping, Welding, Fixture Construction
- 9 TOOLING**  
Manufacturing tools for Stamping, Spinning, Hydro form, Injection die-cast, Gravity, Sand-cast, Press glass Extrusion, Injection, Blow-molding, Vacuum, Roto-molding.
- 10 TESTING**  
Vibration, X-Ray, UL, CSA, ETL, CNC tracing, IP rating, Pressure/explosion testing, Photometric testing, Corrosion salt testing.



## TURNKEY PRODUCT DEVELOPMENT



Eran Industrial is far more than a custom manufacturer. We provide complete turnkey new product development services for our customers. We can be involved as little or as much as you desire with your new product development cycle. As our designers and engineers have been involved with our factories for many years they can often incorporate cost savings, designs and unique processes to make the production of your custom product as economical as possible.



Rely on our 65+ engineers, designers and technicians from over three continents to help with, or completely run, your next new product development project. We have experts on hand who specialize in electrical, mechanical, solid state electronics, thermal management, processes, materials, quality control and a host of other disciplines.

Depending on the complexity of your project we can often go from a design concept scribbled on a napkin to actually producing your product in 180 days.

Often the best product concepts never benefit the company that came up with it. This is usually because the company does not have the engineering resources available to quickly develop their product. Don't let this happen to you! Let us help you.

## YOU COME UP WITH THE CONCEPT AND WE'LL DO THE REST!

### CONCEPT BY CUSTOMER

From initial sketches to comprehensive 3D modeling & rendering.

### DESIGN & ENGINEERING

Broad spectrum of services from electrical and mechanical, to optical and photometric engineering.

### PROTOTYPING

Many years of experience prototyping of one-offs for customer approval.

### TOOLING

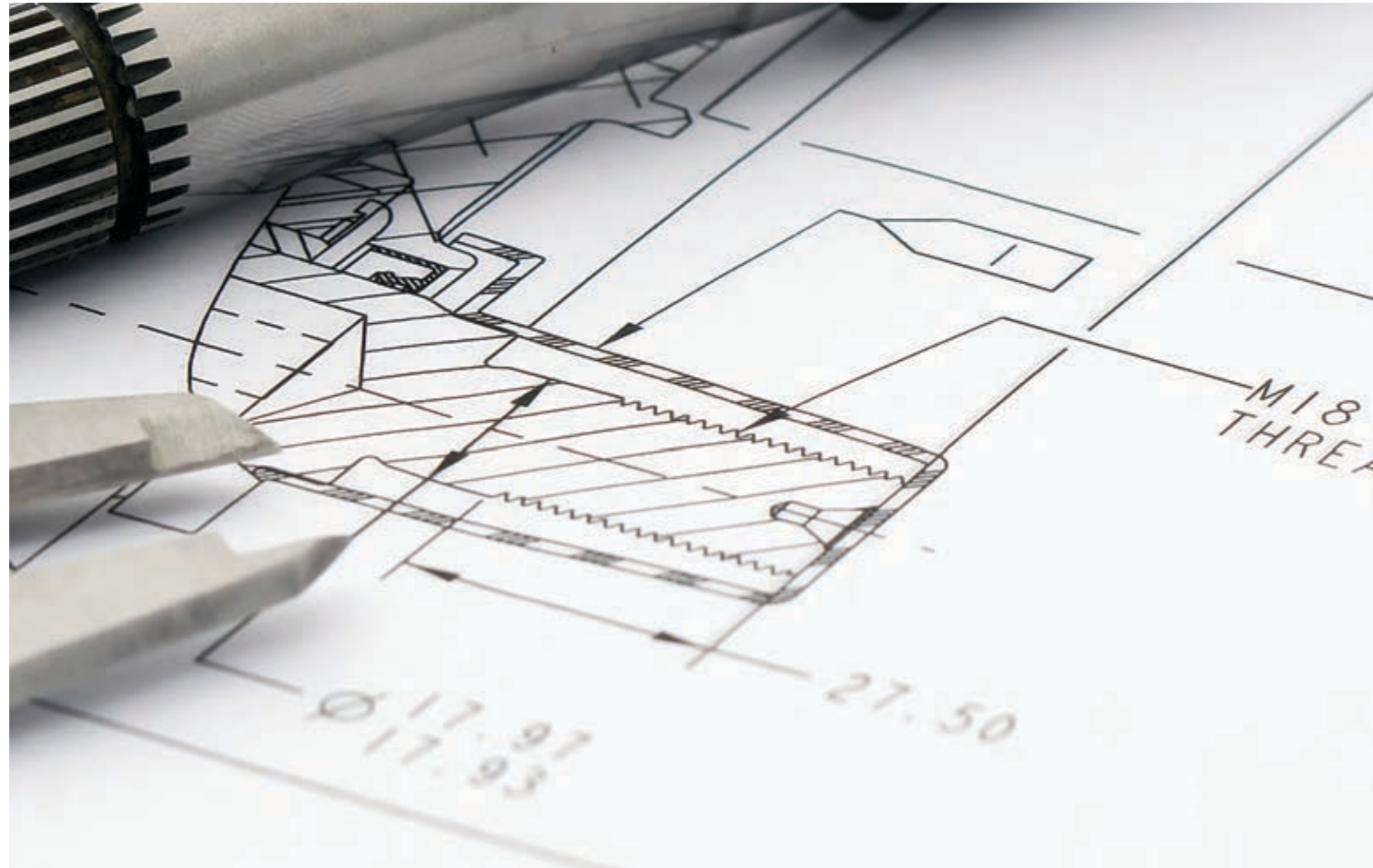
Extensive experience in creating tools in our in-house facility for a number of processes & materials including die cast aluminum, stamping and punching, plastic injection molding, extrusions blow molding and thermoforming.

### TESTING & CERTIFICATION

We have the equipment and the trained personnel for any conceivable testing or certification in the lighting & industrial equipment industries.

### PRODUCTION

Now we are ready for production. We can do small runs or large ones. We will advise you of the manufacturing efficiencies and cost savings of the different options.



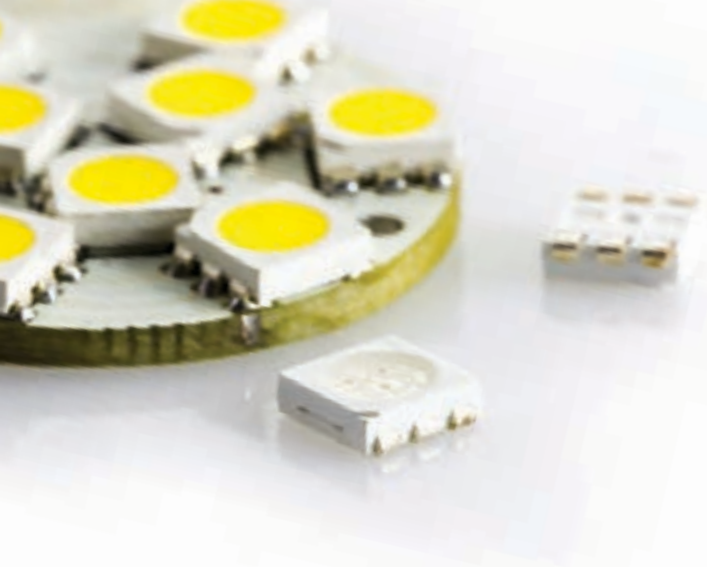
- On design approval, our electrical, mechanical, process and photometric engineers become involved to ensure performance and that all customer specifications are met. The updated drawings and schematics are sent to the customer for input or approval.
- On final approval, our engineering team will have a full size, working prototype made.
- A prototype is made and evaluated by all of our engineers to ensure it meets both ours and your specifications and that quality standards are met.
- The prototype is shipped to the customer for approval.
- On approval the design is sent to our in-house tooling department for development.
- During this period we begin initial work on obtaining UL and/or other certifications. We also develop standard operating procedures and quality standards for the manufacturing process.
- Initial parts are made and undergo comprehensive testing to ensure all specifications and quality standards are met. Final UL and/or other certifications are accomplished.
- On approval production begins.



## ENGINEERING & DESIGN

On receiving the initial concept, sketch, and desired specifications from our customer, the design begins. Our industrial designers come up with one or several initial concepts for the product and submit them to you for input or approval. Designs will be presented as conceptual renderings to capture your desired aesthetic design.





## TESTING & CERTIFICATIONS

Comprehensive testing and regulatory certifications usually come standard with our new product development services. We also provide this service on an à la carte basis. We have the manpower, in-house equipment and experience to conduct almost any type of testing. We also have the infrastructure, business relationships & capability to earn many certifications both in the U.S. or China. A partial list includes: [UL](#), [cUL](#), [ETL](#), [CSA](#), [Lighting facts](#), [DLC](#), [EnergyStar](#), [LM79](#), and [Title 24](#)

## PHOTOMETRICS

With extensive photometric equipment including an integrating sphere, our photometry laboratory will measure initial lumens and verify performance. LED's, light engines, and complete fixtures can be tested to troubleshoot and improve designs. In addition to this, we can accurately conduct pretesting for LM-79 certification.



## CORROSION RESISTANCE

Coating integrity is in the forefront of many of our customers minds. To ensure we meet or exceed their expectations, we have a vast array of salt spray and ingress testing equipment. In addition to this, we have the appropriate equipment and testing chambers to accurately test such things as low pressure hose down and even submersible fixture applications.



## QUALITY CERTIFICATION

Our technicians and engineers also have the experience and equipment to test and certify many requirements for lighting and industrial products. They include but are not limited to precision tolerance testing, temperature and humidity testing, impact and explosion testing and a vast array of electrical testing in accordance with the NEC, OSHA and Underwriter Laboratories Standards.



## LIGHTING "MUST HAVES"

**UL** and its equivalents (ETL, CSA, ITL etc.) are an absolute must to be able to sell lighting products (and most other products) in the USA. But this is just the beginning! To successfully market your product, you need to certify / comply with other agencies / guidelines. Things like NEC, LM79, LM80, DLC, Energy Star and Title 24 can make the difference between a commercial success or failure of a product. Let us help you get the necessary certifications to make your products successful.

## THERMAL MANAGEMENT

The key to successful Light Emitting Diode (LED) lighting fixtures is to have well designed and engineered thermal management systems. Eran Industrial has many years' experience and engineers dedicated to this. Many people believe that LEDs are a very cool light source. This is partially true as the physics involved in LED operation produces very little IR (infrared/heat) in the forward throw (direction the visible light travels). This is why they are an excellent choice for heat sensitive lighting applications.

However, LEDs are very sensitive to the heat they do produce within the diode and proper thermal management is required in order to maintain a long-life with limited lumen depreciation and prevent color-shift. All of Eran Industrial's LED fixtures are designed and engineered to provide the ultimate thermal management to keep the LED emitters running cool.

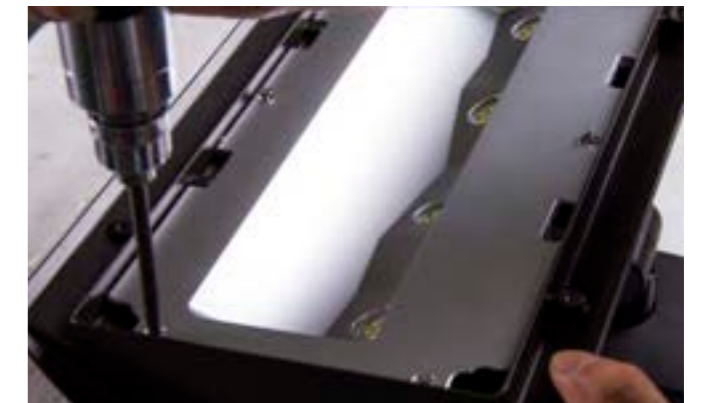
## OPTICS AND PERFORMANCE

To maximize performance in LED lighting fixtures there is far more to it than simply selecting the right LED emitters. Things like array spacing, light centers, secondary and on-board optics, and even reflector systems can often make the difference between mediocre and high performing LED fixtures. Eran Industrial utilizes highly experienced optical engineers and reflector/refractor designers to ensure our products achieve maximum performance.



## ELECTRONIC COMPONENTS

Selection of electronics is critical in designing and producing LED Lighting fixtures. Eran Industrial's electrical and solid-state engineers are very experienced, and undergo continual education, working closely with LED emitter and driver manufacturers. We work with all the top name brand manufacturers of chips and drivers and are experts at pairing them to avoid any potential issues. For more cost conscious customers we also offer high quality, top performing electronic components from lesser known manufacturers.



## WE HAVE DONE THE RESEARCH

After three years of intensive research, we began designing fixtures with LEDs in 2007. We are adept at both successfully marrying LED technology into existing fixture designs and engineering fixtures from scratch, to maximize all the attributes and benefits native to next generation LED technology. Knowledge is the key, proper implementation is the entry and rigorous testing is our commitment with our LED products.

FEW DESIGN & ENGINEER LED FIXTURES WITH THE SAME PASSION AS YOUR FAVORITE SPORTS CAR. AT **ERAN** INDUSTRIAL WE KNOW THAT PASSION VERY OFTEN **EQUALS** THE DIFFERENCE BETWEEN MEDIOCRITY & **QUALITY** RESULTS.

WE'RE WORKING TIRELESSLY TO ENSURE THAT EVERY FIXTURE IS APPROACHABLE, BEAUTIFUL & METICULOUSLY ENGINEERED. OUR FIXTURES AREN'T SPORTS CARS, BUT YOU GET THE IDEA.



Our passion extends further than our open stock light fixtures. We are just as passionate when designing, engineering, and producing proprietary products for our customers. So when you get the next idea for a "lighting Ferrari", you know who to come to!

[Our Passionate Fixtures →](#)



## THE ALTAIR . WALL PACK



- 90 degree adjustability of beam angle with full cut-off optics
- Citizen® COB LED's and YG® driver technology
- Dimming option available
- Precision die cast
- Wall, post, or bollard mount
- IP65 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Highly specular forward throw reflector
- Industrial grade, Button-type photocell
- Easy installation with hands free mounting
- Dark sky compliant mounting
- NOT AVAILABLE FOR CANADIAN MARKET



WPL260 SERIES



WPL280 SERIES



WPL300 SERIES

### OVERVIEW:

UL wet listed die-cast aluminum construction with tempered flat glass lens complete with stainless steel hardware. Mounts to standard 4 inch square electrical junction boxes. Alternate junction box mounting possible via universal mounting ring. Ingress resistant gasket included.

## SPECIFICATIONS .

	CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>WPL 260</b>											
4K	14W	13W	1327	96	70W	80	Forward Throw	120-277	5.07 lbs.	6	
	20W	18W	1935	99							
	26W	23W	2470	92	100W						
5K	14W	13W	1651	114	70W	70	Forward Throw	120-277	5.07 lbs.	6	
	20W	18W	2196	116							
	26W	23W	2955	111	100W						
<b>WPL 280</b>											
4K	40W	36W	4526	116	150W	70	Forward Throw	120-277	14.33 lbs.	2	
	50W	45W	5431	110	200W						
	78W	68W	7891	102	250W						
5K	40W	36W	4456	114	150W	70	Forward Throw	120-277	14.33 lbs.	2	
	50W	45W	5658	112	200W						
	78W	68W	7280	95	250W						
<b>WPL 300</b>											
4K	100W	90W	10564	104	320W	70	Forward Throw	120-277	19.8 lbs.	1	
	114W	100W	11529	102							
5K	100W	90W	10660	106	320W	70	Forward Throw	120-277	19.8 lbs.	1	
	114W	100W	10951	97							

### BUILD YOUR ORDER SKU NUMBER

Sample **WPL300-100W-40K-V1-D-PC-ST-BZ**

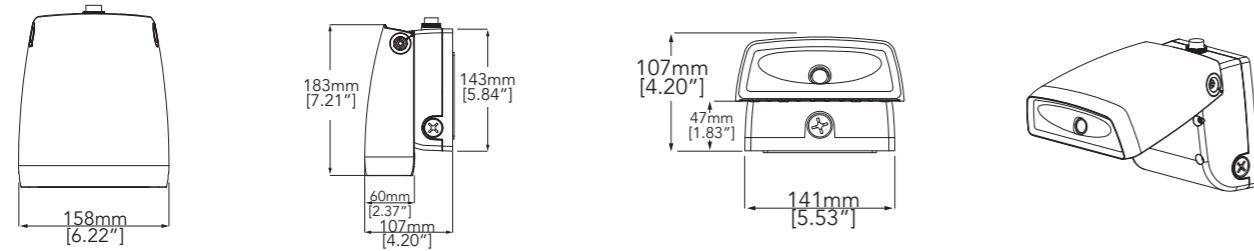
Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Mechanical Accessory* and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for WPL260/280/300)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	MECHANICAL ACCESSORY	HOUSING FINISH
	WPL 300	100W	40K	V1	D	PC	ST	BZ
BODY TYPE	260	14W	30K = 3000K	V1 = 120V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	ST = Standard VI = Visor WG = Wire Guard VS = Vandal Shield	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray
	280	20W	40K = 4000K	V3 = 220V				
	260	26W	50K = 5000K	V4 = 240V				
	40W			V5 = 277V				
	50W			V8 = 120-277V				
		78W						
		100W						
		114W						

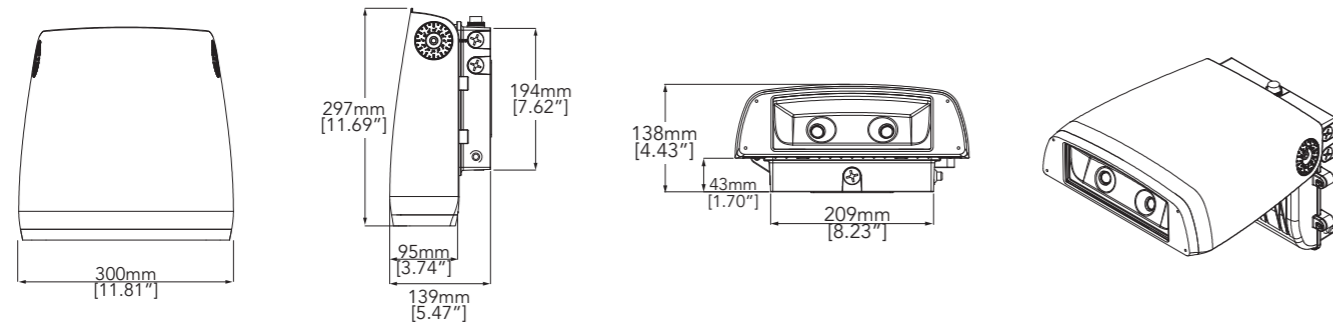
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

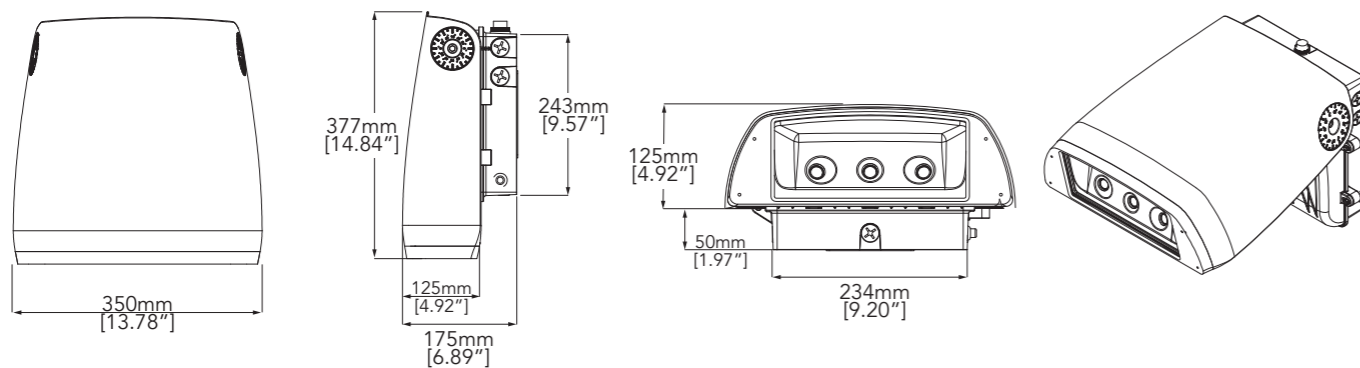
### WPL 260 14W / 20W / 26W 7.21" x 6.22" x 4.20"



### WPL 280 40W / 50W / 78W 11.81" x 11.69" x 5.47"

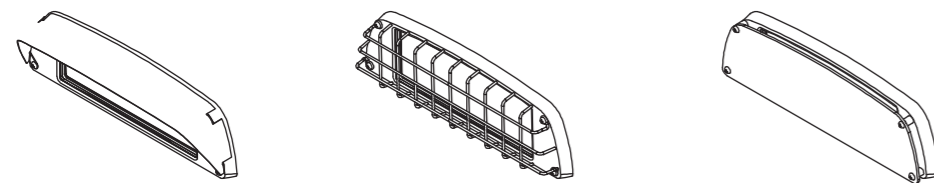


### WPL 300 100W / 114W 14.84" x 13.78" x 6.89"



## ACCESSORIES .

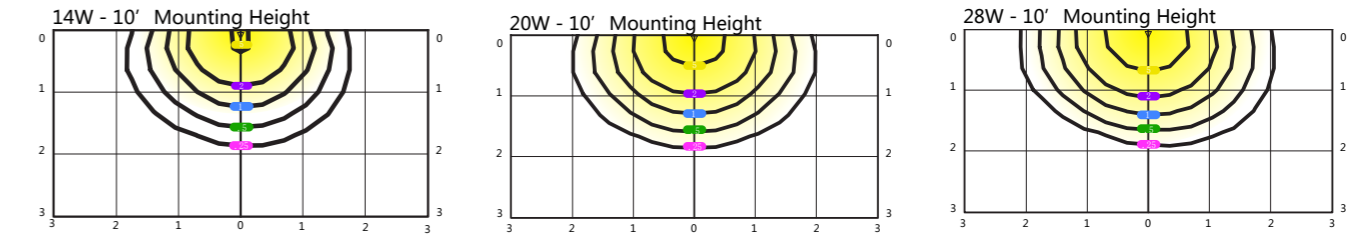
### WPL VISOR / WIRE GUARD / VANDAL SHIELD



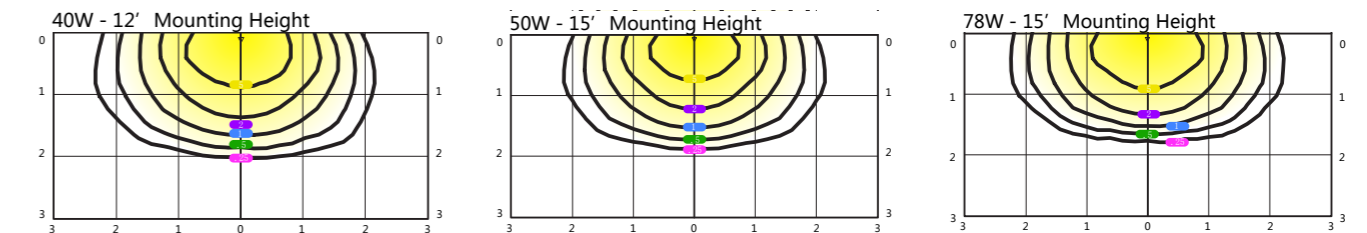
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. Refer to the colors here to know the specific foot candle. **.25** **.50** **1.0** **2.0** **5.0**

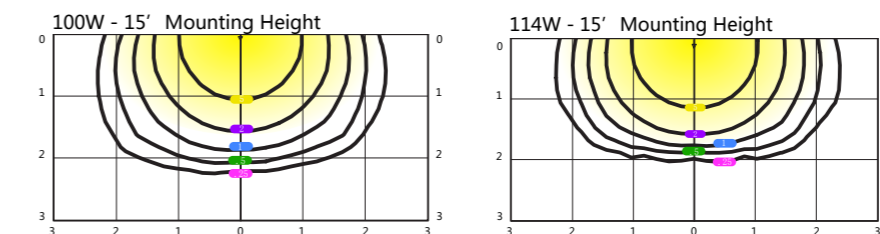
### WPL 260 14W / 20W / 26W



### WPL 280 40W / 50W / 78W



### WPL 300 100W / 114W





## ALTAIR E-SERIES . WALL PACK



- Economic grade architectural wall pack •Mid-power LED chips and YG® driver technology
- Dimming option available •Precision die cast •Easy wall mount installation •IP65 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color • Forward throw reflector
- Industrial grade, Button-type photocell •Dark sky compliant mounting •**NOT AVAILABLE FOR CANADIAN MARKET**



WPL110 SERIES



WPL120 SERIES



WPL130 SERIES



WPL140 SERIES

### OVERVIEW:

UL wet listed die-cast aluminum construction with UV stabilized polycarbonate lens complete with stainless steel hardware. Mounts to standard 4 inch square electrical junction boxes. Alternate junction box mounting possible via universal mounting ring. Ingress resistant gasket included.

## SPECIFICATIONS .

	CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	DIMMING OR NON-DIMMING	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>WPL 110</b>											
4K		10W	9W	1110	107	50W	80	Non-Dimming	120-277	2.30 lbs.	6
		15W	14W	1646	110	70W					
		20W	18W	2147	103						
5K		10W	9W	1150	108	50W	80	Non-Dimming	120-277	2.30 lbs.	6
		15W	14W	1674	111	70W					
		20W	18W	2182	104						
<b>WPL 120</b>											
4K		30W	27W	3174	103	100W	80	Non-Dimming	120-277	2.85 lbs.	6
5K		30W	27W	3228	104	100W	80	Non-Dimming	120-277	2.85 lbs.	6
<b>WPL 130</b>											
4K		40W	36W	4105	101	150W	80	Non-Dimming	120-277	5.25 lbs.	2
		50W	45W	5003	102						
5K		40W	36W	4144	102	150W	80	Non-Dimming	120-277	5.25 lbs.	2
		50W	45W	5079	103						
<b>WPL 140</b>											
4K		80W	70W	7802	100	250W	80	Non-Dimming	120-277	8.25 lbs.	2
5K		80W	70W	7927	101	250W	80	Non-Dimming	120-277	8.25 lbs.	2

### BUILD YOUR ORDER SKU NUMBER

Sample

WPL140-80W-40K-V1-D-PC-BZ

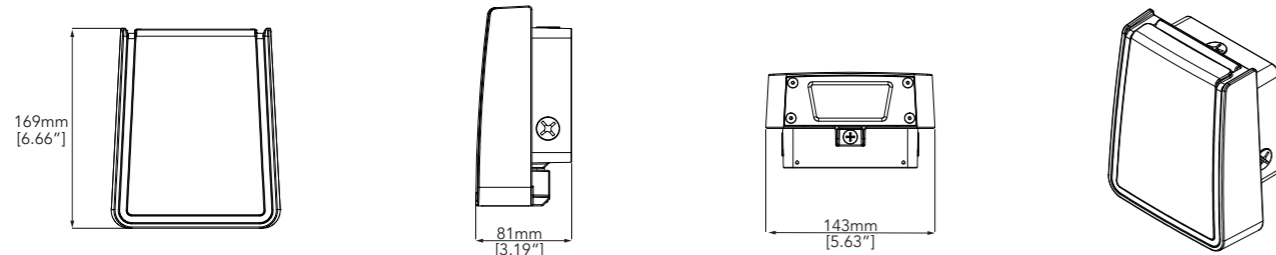
Begin your customized order with the fixture Body Type and Model Number. Select your System Wattage and CCT of choice. Next, the Voltage, Dimming Option, Electrical Photocell, and Housing Finish. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for WPL110/120/130/140)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH
BODY TYPE	WPL 140	80W	40K	V1	D	PC	BZ
	110	10W	30K = 3000K	V1 = 120V	D = Dimming	PC = PhotoCell	BZ = Bronze
	120	15W	40K = 4000K	V2 = 208V	N = Non Dimming	NA = None	BK = Black
	130	20W	50K = 5000K	V3 = 220V			SL = Silver
	140	30W		V4 = 240V			WH = White
	40W		V5 = 277V			GY = Gray	
	50W		V8 = 120-277V				
	80W						

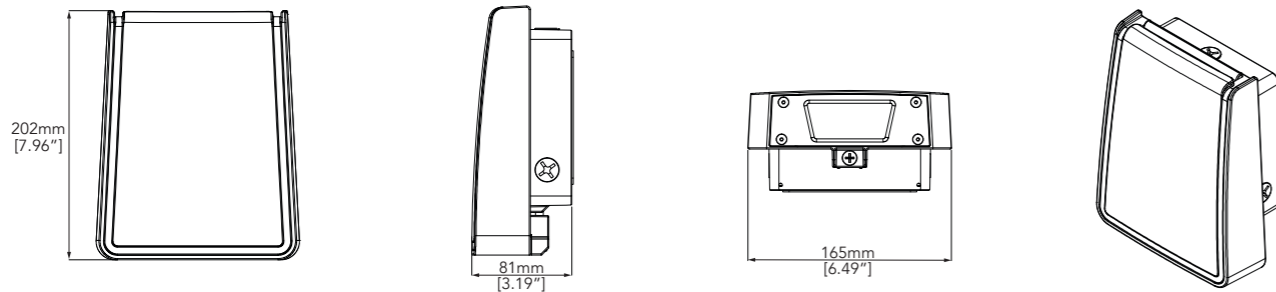
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

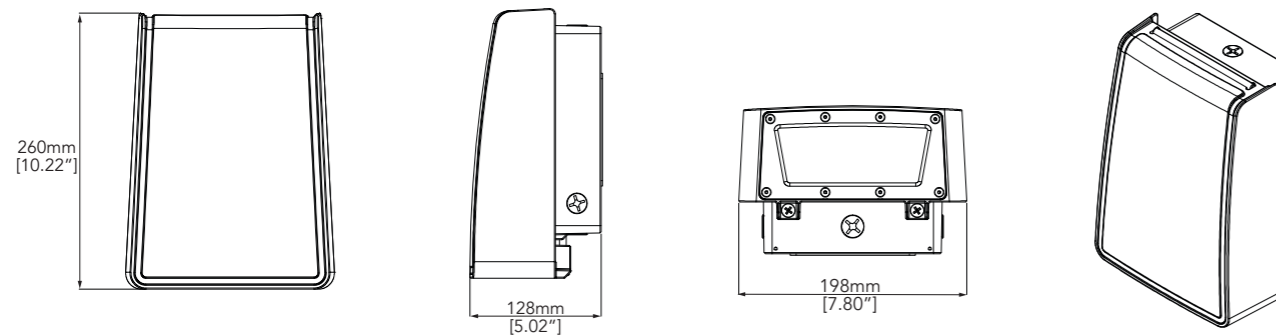
### WPL 110 10W / 15W / 20W — 6.66" x 5.63" x 3.19"



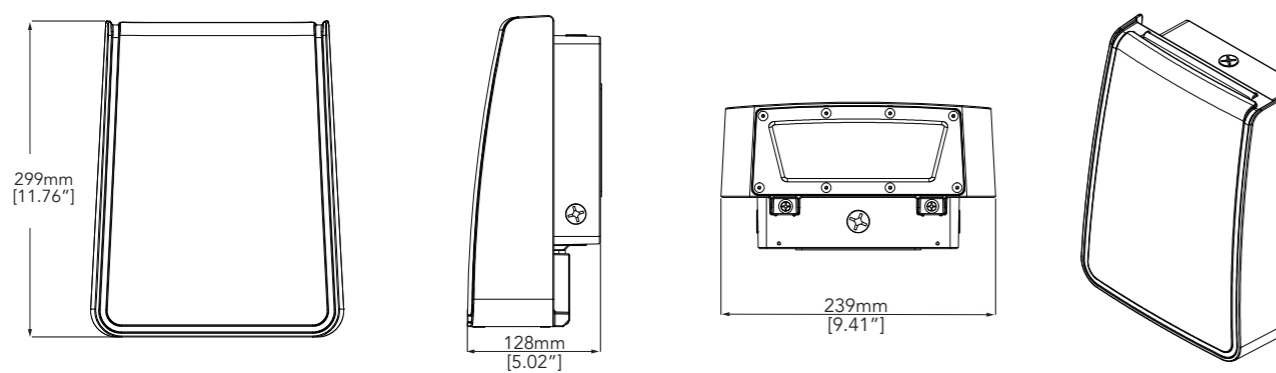
### WPL 120 30W — 8.00" x 6.49" x 3.19"



### WPL 130 40W / 50W — 10.22" x 7.80" x 5.02"



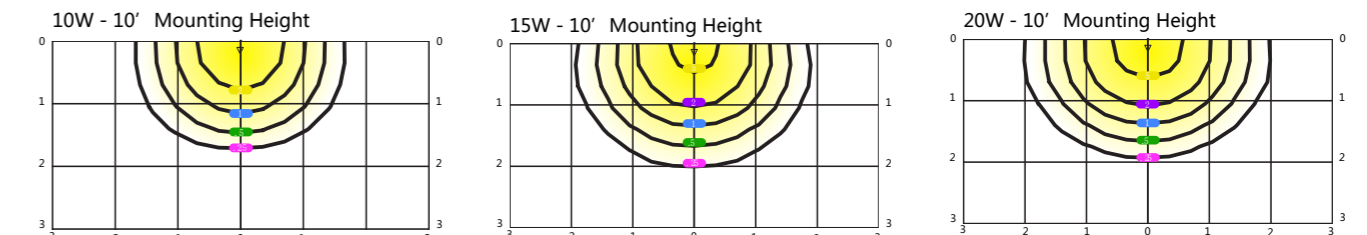
### WPL 140 80W — 11.76" x 9.41" x 5.02"



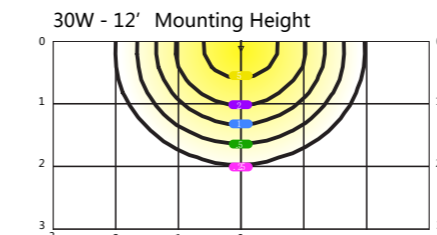
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. Refer to the colors here to know the specific foot candle. **.25** **.50** **1.0** **2.0** **5.0**

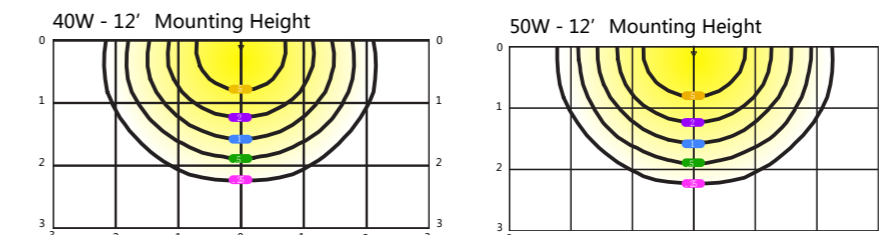
### WPL 110 10W / 15W / 20W



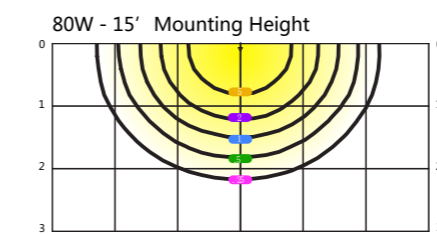
### WPL 120 30W



### WPL 130 40W / 50W



### WPL 140 80W







## THE CAPELLA . WALL PACK



- Citizen® COB LED's and YG® driver technology
- Dimming option available
- Precision die cast
- IP65 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in many colors
- Highly specular forward throw reflector
- Industrial grade, Button-type Photocell
- Easy installation with hands free mounting
- Dark sky compliant mounting with optional Dark Sky Adaptor.



WPL160 SERIES  
14W / 20W



WPL160 SERIES  
28W



WPL160 SERIES  
52W

### OVERVIEW:

UL wet listed die-cast aluminum construction with tempered glass lens complete with stainless steel hardware. Mounts to standard 4 inch square electrical junction boxes. Alternate junction box mounting possible via universal mounting ring. Ingress resistant gasket included.

## SPECIFICATIONS .

	CCT	SYSYEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>WPL 160</b>											
4K	14W	13W	1321	98	70W	70	70	Forward Throw	120-277	6.61 lbs.	4
	20W	18W	1923		100W						
	28W	25W	2650	94	150W					11.02 lbs.	
	52W	46W	5821	110	200W						
5K	14W	13W	1344	99	70W	70	70	Forward Throw	120-277	6.61 lbs.	4
	20W	18W	1955	100	100W						
	28W	25W	2670	99	150W					11.02 lbs.	
	52W	46W	5907	113	200W						

### BUILD YOUR ORDER SKU NUMBER

Sample **WPL160-28W-40K-V1-D-PC-TC-SL**

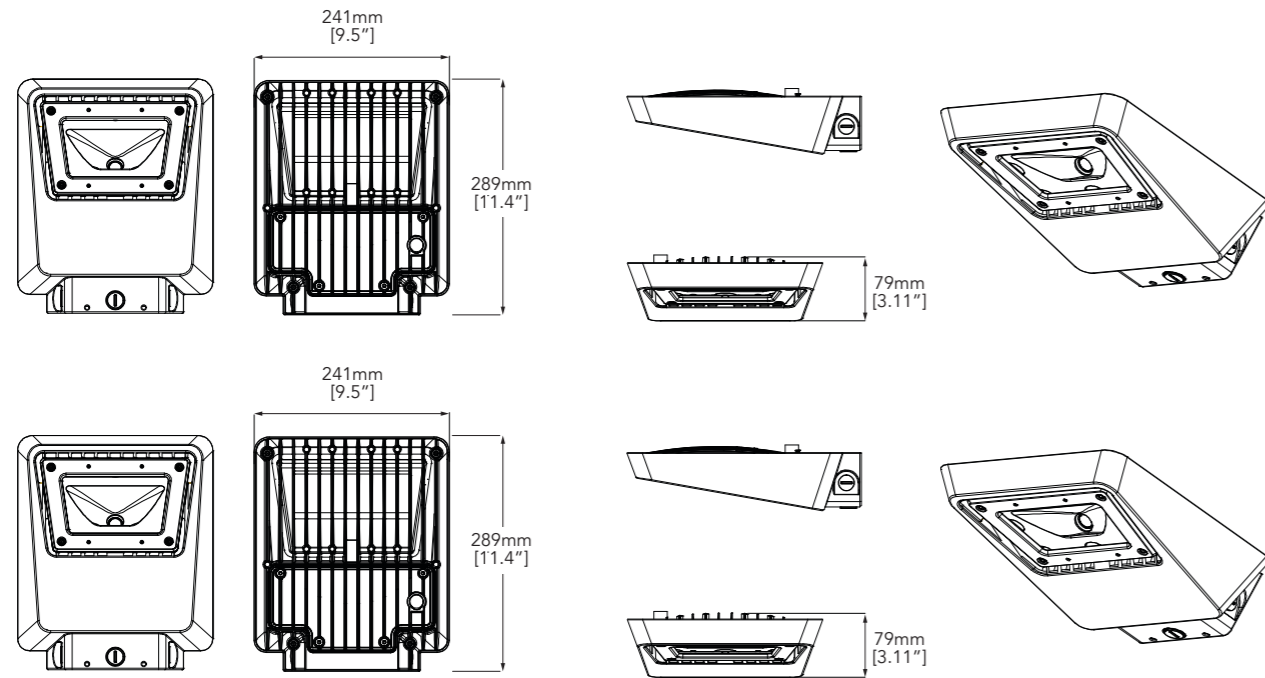
Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Mechanical Accessory* and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for WPL160)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	MECHANICAL ACCESSORY	HOUSING FINISH
	WPL 160	28W	40K	V1	D	PC	TC	SL
BODY TYPE	160	14W 20W 28W 52W	30K = 3000K 40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V6 = 347V V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	TC = Top Cover PMA = Pole Mount Adapter DKA = Dark Sky Adapter	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray

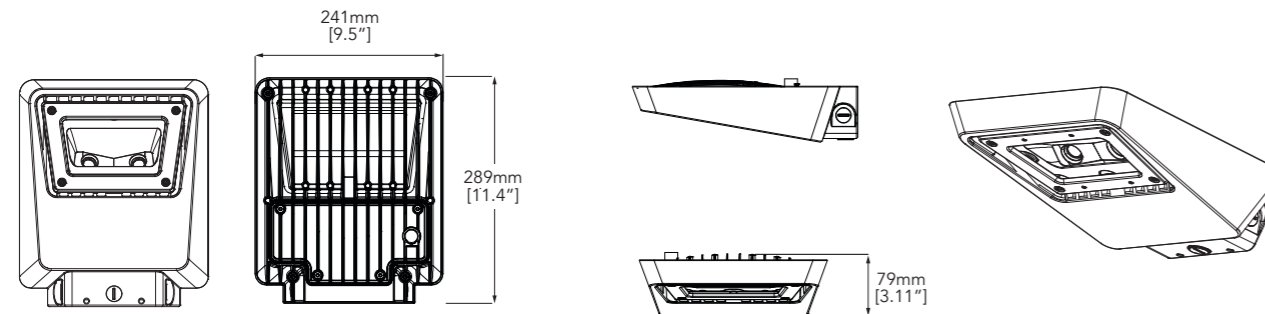
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

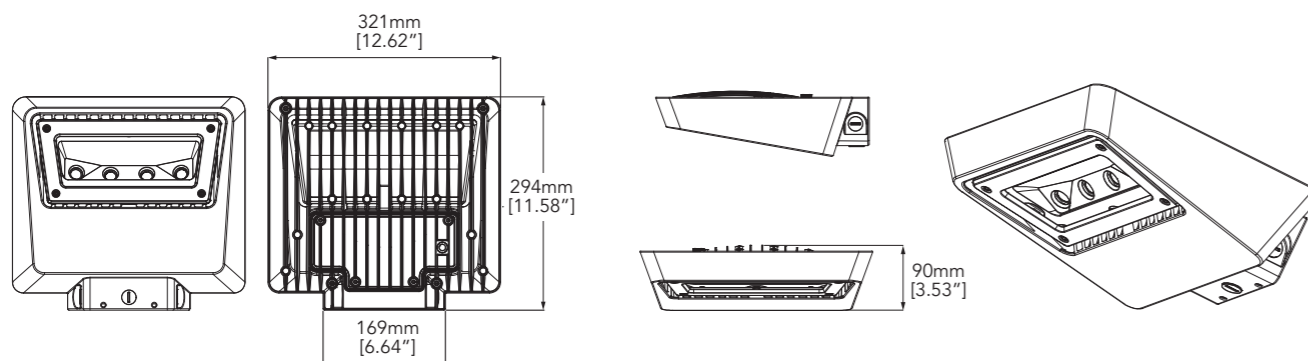
### WPL 160 14W / 20W ——— 9.50" x 3.11" x 11.40"



### WPL 160 28W ——— 9.50" x 3.11" x 11.40"



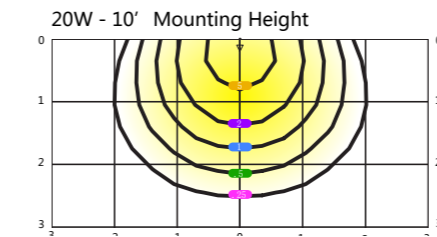
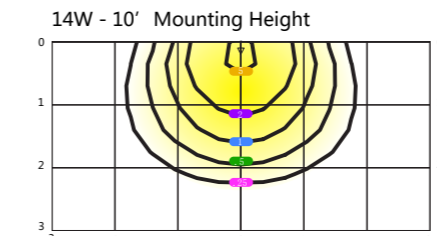
### WPL 160 52W ——— 12.62" x 3.53" x 11.58"



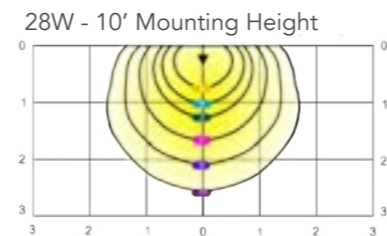
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. Refer to the colors here to know the specific foot candle. **.25** **.50** **1.0** **2.0** **5.0**

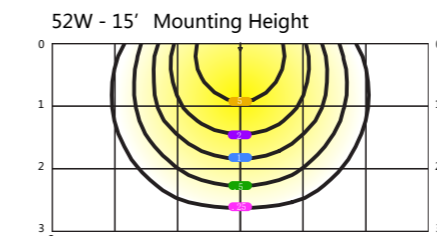
### WPL 160 14W / 20W ———



### WPL 160 28W ———



### WPL 160 52W ———





## THE MIRA . WALL PACK



- 120 degree adjustable head with full cut off option Compact design
- Citizen® COB LED's and YG® driver technology
- Precision die cast
- Tempered flat glass
- Dimming options available
- IP65 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in many colors
- Highly specular forward throw reflector
- Industrial grade, Button-type photocell
- Easy installation with hands free mounting
- Dark sky compliant mounting possible with 0 degree head adjustment
- NOT AVAILABLE FOR CANADIAN MARKET**



WLL120 SERIES



WLL140 SERIES

### OVERVIEW:

UL wet listed die-cast aluminum construction with tempered glass lens complete with stainless steel hardware. Mounts to standard 4 inch square electrical junction boxes. Alternate junction box mounting possible via universal mounting ring. Ingress resistant gasket included.

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>WLL 120</b>										
4K	26W	23W	2210	85	100W	80	Forward Throw	120-277	11.02 lbs.	4
5K	26W	23W	2542	97	100W	70	Forward Throw	120-277	11.02 lbs.	4
<b>WLL 140</b>										
4K	52W	46W	4497	85	150W	80	Forward Throw	120-277	13.89 lbs.	2
	74W	66W	5868	82	200W					
5K	52W	46W	5334	102	150W	70	Forward Throw	120-277	13.89 lbs.	2
	74W	66W	6891	97	200W					

### BUILD YOUR ORDER SKU NUMBER

Sample

WLL140-74W-40K-V1-D-PC-BZ

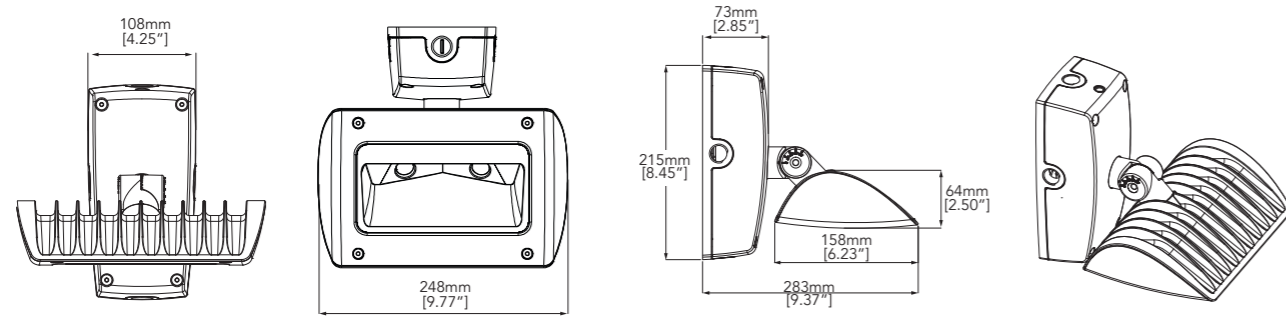
Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this *Fixture* doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for WPL160)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH
	WLL 120	74W	40K	V1	D	PC	SL
BODY TYPE	120 140	26W 52W 74W	30K = 3000K 40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray

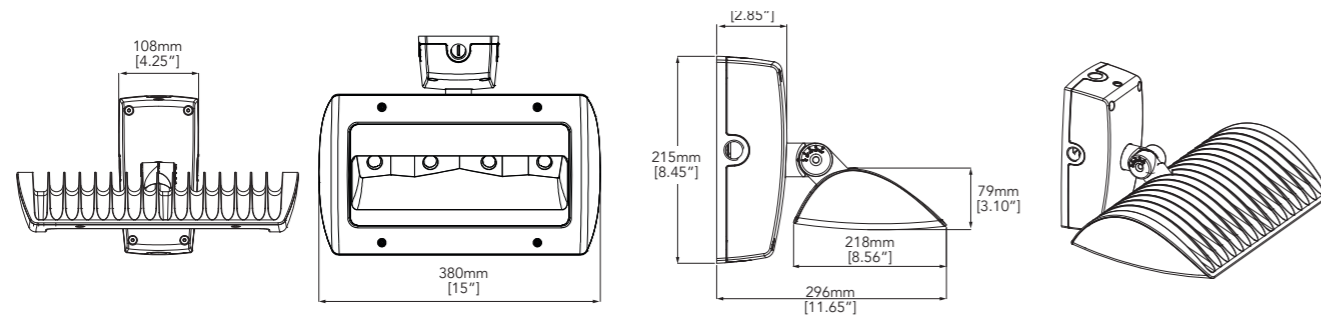
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

### WLL 120 26W 9.77" x 8.45" x 9.37"



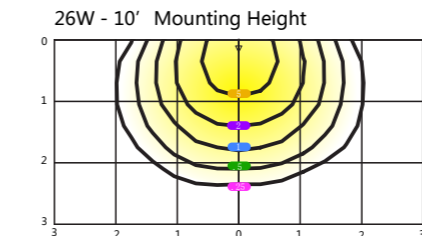
### WLL 140 52W / 74W 15.00" x 8.45" x 11.65"



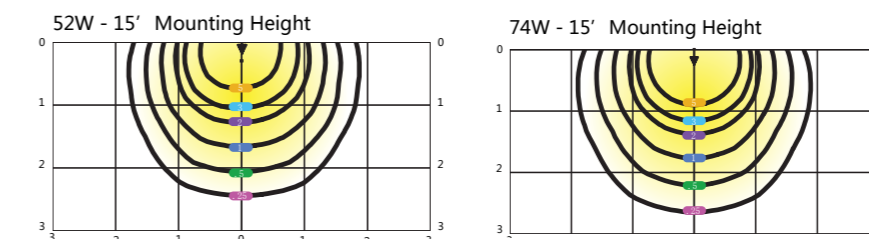
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. Refer to the colors here to know the specific foot candle. **.25** **.50** **1.0** **2.0** **5.0**

### WLL 120 26W



### WLL 140 52W / 74W





## TRADITIONAL . WALL PACK



- Same footprint as traditional HID fixtures
- Premium brand LEDs (Samsung® or LG® chips depending on SKU) and YG® driver technology
- Dimming option available
- Precision die-cast Aluminum
- Wet location rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Precision prismatic reflector
- Industrial grade, Standard button Photocell available



DCL102 SERIES

DCL130 SERIES

DCL535 SERIES

DCL500 SERIES

### OVERVIEW:

UL wet listed die-cast aluminum construction with borosilicate glass lens or UV stabilized polycarbonate diffuser complete with stainless steel hardware. Mounts to standard 4 inch square electrical junction boxes. Alternate junction box mounting possible via universal mounting ring. Ingress resistant gasket included.

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>DCL 102</b>										
4K	20W	18W	1622	88	70W	80	Forward Throw	120-277	7.71 lbs.	4
5K	20W	18W	1692	90	70W	80	Forward Throw	120-277	7.71 lbs.	4
<b>DCL 130</b>										
4K	20W	18W	1827	95	70W	80	Forward Throw	120-277	7.08 lbs.	4
5K	20W	18W	1960	92	70W	80	Forward Throw	120-277	7.08 lbs.	4
<b>DCL 535</b>										
4K	20W	18W	1797	97	70W	80	Forward Throw	120-277	5.73 lbs.	4
5K	20W	18W	1823	98	70W	80	Forward Throw	120-277	5.73 lbs.	4
<b>DCL 500</b>										
4K	35W	30W	3143	91	150W	80	Forward Throw	120-277	6.61 lbs.	1
	50W	45W	4552		175W					
5K	35W	30W	3206	93	150W	80	Forward Throw	120-277	6.61 lbs.	1
	50W	45W	4641		175W					

### BUILD YOUR ORDER SKU NUMBER

Sample **DCL500-35W-40K-V1-D-PC-BZ**

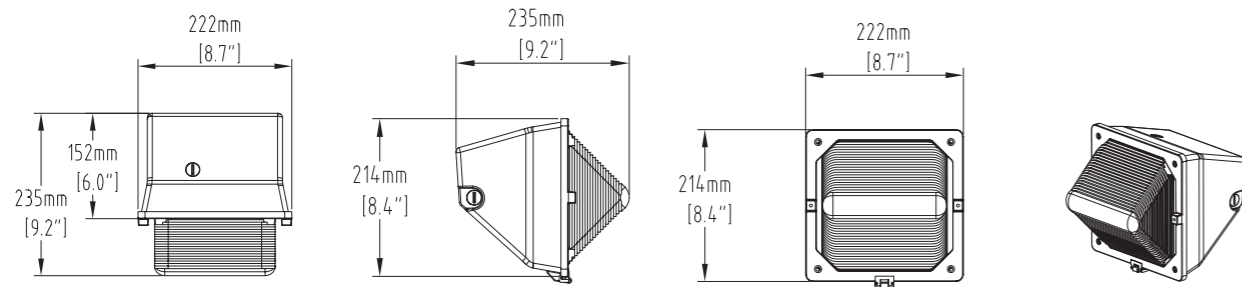
Begin your customized order with the fixture Body Type and Model Number. Select your System Wattage and CCT of choice. Next, the Voltage, Dimming Option, Electrical Photocell, and Housing Finish. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for DCL102/130/535/500)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH
<b>DCL 500</b>	<b>35W</b>	<b>40K</b>	<b>V1</b>	<b>D</b>	<b>PC</b>	<b>BZ</b>
<b>BODY TYPE</b>	102 130 535 500	40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V6 = 347V <i>(Canada Only)</i> V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray

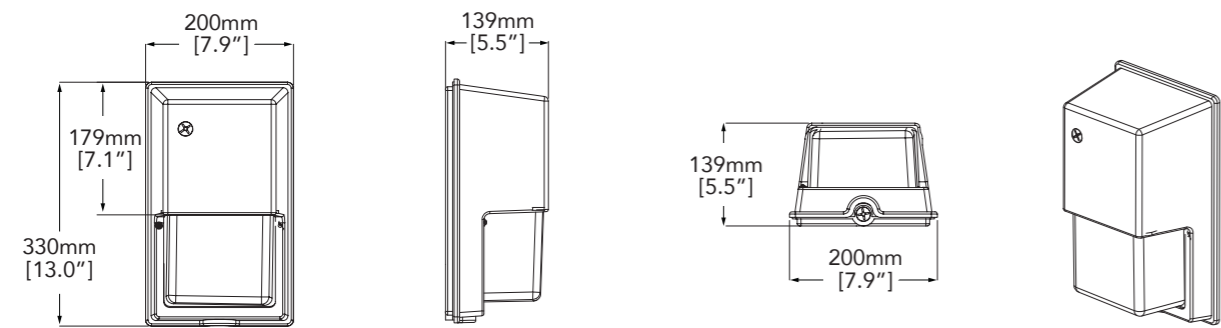
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

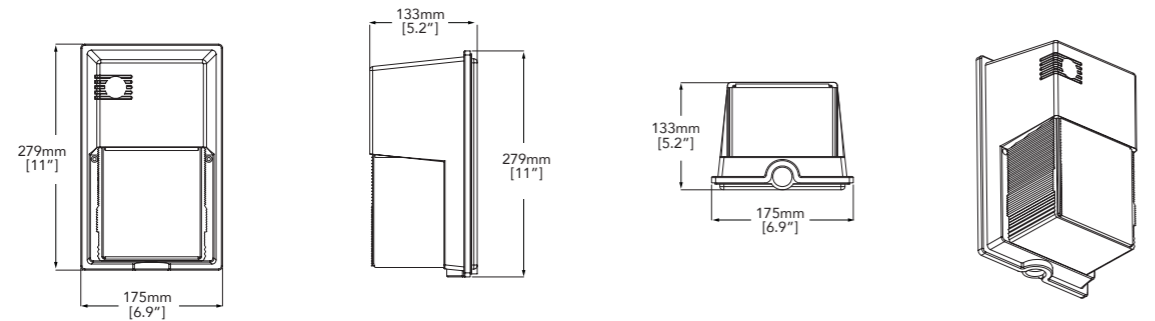
**DCL 102 20W** 8.70" x 8.40" x 9.20"



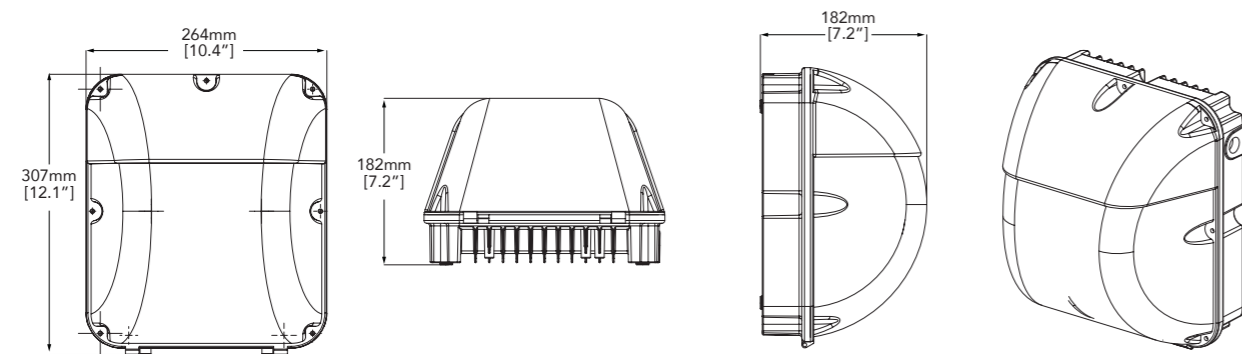
**DCL 130 20W** 13.00" x 7.90" x 5.50"



**DCL 535 20W** 11.00" x 6.90" x 5.20"



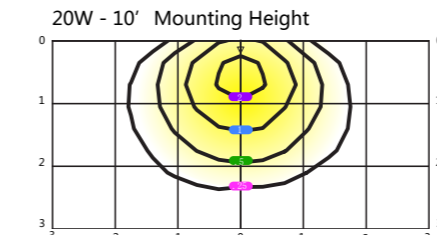
**DCL 500 35W / 50W** 12.10" x 10.40" x 7.20"



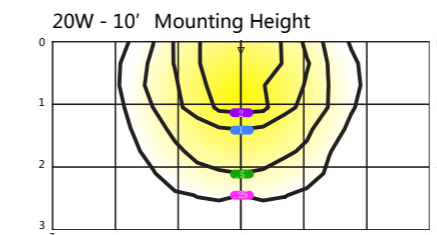
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. Refer to the colors here to know the specific foot candle. **.25 .50 1.0 2.0 5.0**

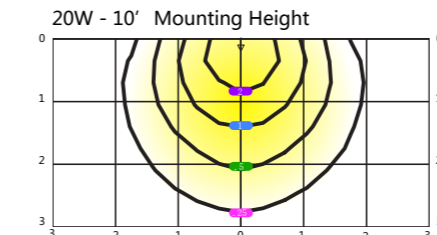
**DCL 102 20W**



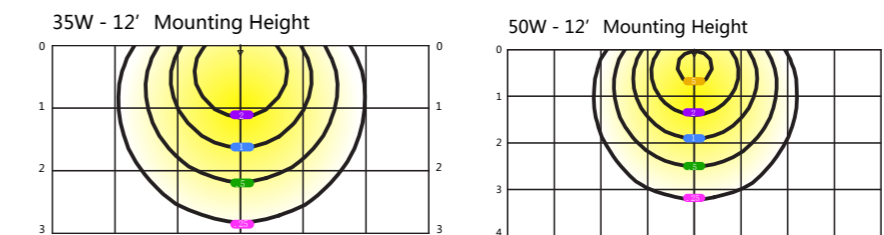
**DCL 130 20W**



**DCL 535 20W**



**DCL 500 35W / 50W**





## TRADITIONAL . WALL PACK



- Same foot print as traditional HID fixtures
- Premium brand LEDs (Samsung® or LG® chips depending on SKU) and YG® driver technology
- Dimming option available
- Precision die-cast Aluminum
- Wet location rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Precision prismatic refractor
- Industrial grade, Button-type photocell.



DCL150 SERIES

DCL150-90 SERIES

DCL200 SERIES

DCL200-90 SERIES

### OVERVIEW:

UL wet listed die-cast aluminum construction with tempered glass lens or borosilicate glass reflectors, complete with stainless steel hardware. Mounts to standard 4 inch square electrical junction boxes. Alternate junction box mounting possible via universal mounting ring. Ingress resistant gasket included.

## SPECIFICATIONS

CCT	INDUSTRY WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>DCL 150</b>										
4K	35W	30W	3255	94	150W	80	Forward Throw	120-277	8.82 lbs.	4
	50W	45W	4837	98	175W					
	70W	62W	6239	92	200W					
5K	35W	30W	3291	94	150W	80	Forward Throw	120-277	8.82 lbs.	4
	50W	45W	5018	100	175W					
	70W	62W	6365	94	200W					
<b>DCL 150-90</b>										
4K	35W	30W	3555	107	150W	80	Forward Throw, Full Cut-Off	120-277	12.12 lbs.	1
	50W	45W	5248	104	175W					
	70W	62W	6985	103	200W					
5K	35W	30W	3625	108	150W	80	Forward Throw, Full Cut-Off	120-277	12.12 lbs.	1
	50W	45W	5422	106	175W					
	70W	62W	7139	104	200W					
<b>DCL 200</b>										
4K	100W	90W	9191	91	250W	80	Forward Throw	120-277	17.64 lbs.	2
5K	100W	90W	9364	92	250W	80	Forward Throw	120-277	17.64 lbs.	2
<b>DCL 200-90</b>										
4K	100W	90W	10426	105	250W	80	Forward Throw, Full Cut-Off	120-277	20.94 lbs.	1
5K	100W	90W	10948	108	250W	80	Forward Throw, Full Cut-Off	120-277	20.94 lbs.	1

### BUILD YOUR ORDER SKU NUMBER

Sample **DCL150-50W-40K-V1-D-PC-BZ**

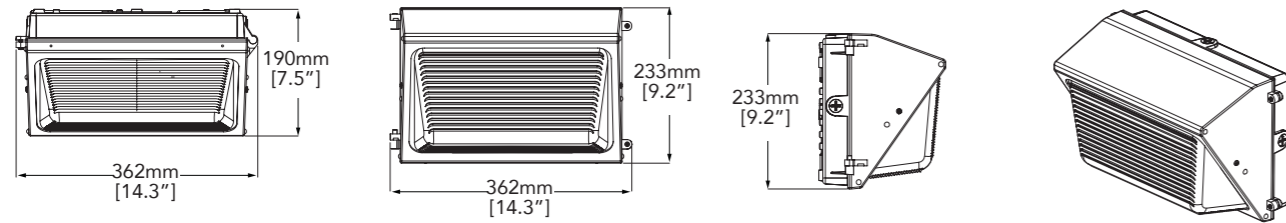
Begin your customized order with the fixture Body Type and Model Number. Select your System Wattage and CCT of choice. Next, the Voltage, Dimming Option, Electrical Photocell, and Housing Finish. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for DCL150/150-90/200/200-90)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH
	DCL 150	50W	40K	V1	D	PC	BZ
BODY TYPE	150	35W	40K = 4000K	V1 = 120V	D = Dimming	PC = PhotoCell	BZ = Bronze
	15090	50W	50K = 5000K	V2 = 208V	N = Non Dimming	NA = None	BK = Black
	200	70W		V3 = 220V			SL = Silver
	20090	100W		V4 = 240V			WH = White
					V5 = 277V		
				V6 = 347V <i>(Canada Only)</i>			
				V8 = 120-277V			

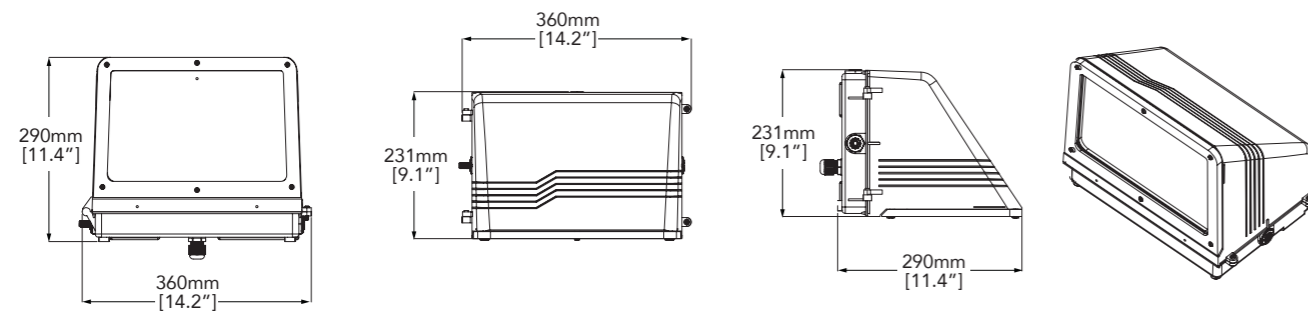
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

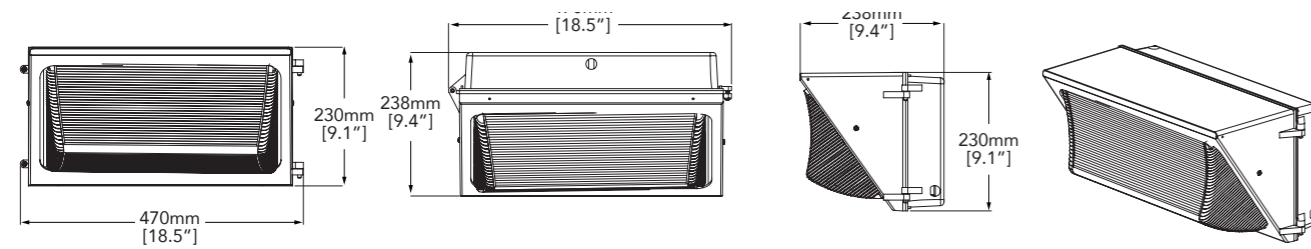
**DCL 150 35W / 50W /70W** ——— **14.30 x 9.20 x 7.50**



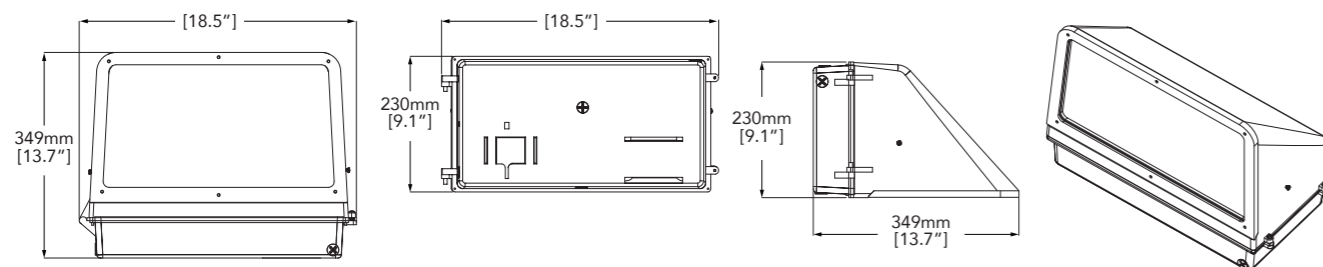
**DCL 150-90 35W / 50W /70W** ——— **14.20 x 9.10 x 11.40**



**DCL 200 100W** ——— **18.50 x 9.10 x 9.40**



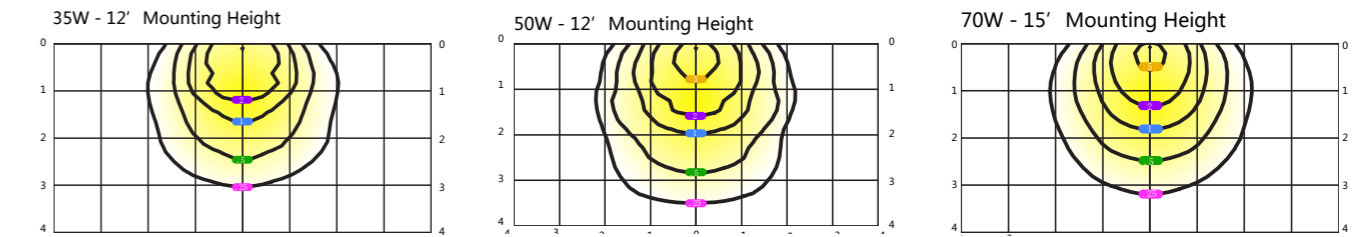
**DCL 200-90 100W** ——— **18.50 x 9.10 x 13.70**



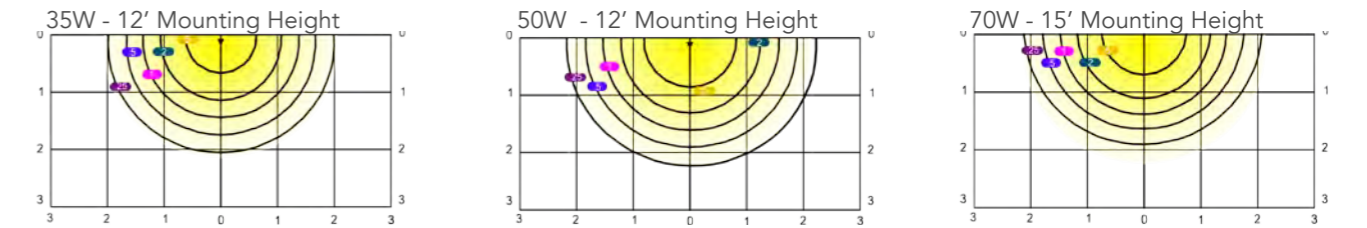
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. Refer to the colors here to know the specific foot candle. **.25** **.50** **1.0** **2.0** **5.0**

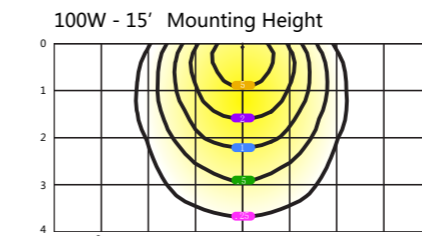
**DCL 150 35W / 50W /70W**



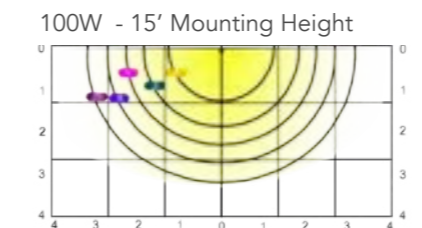
**DCL 150-90 35W / 50W /70W**



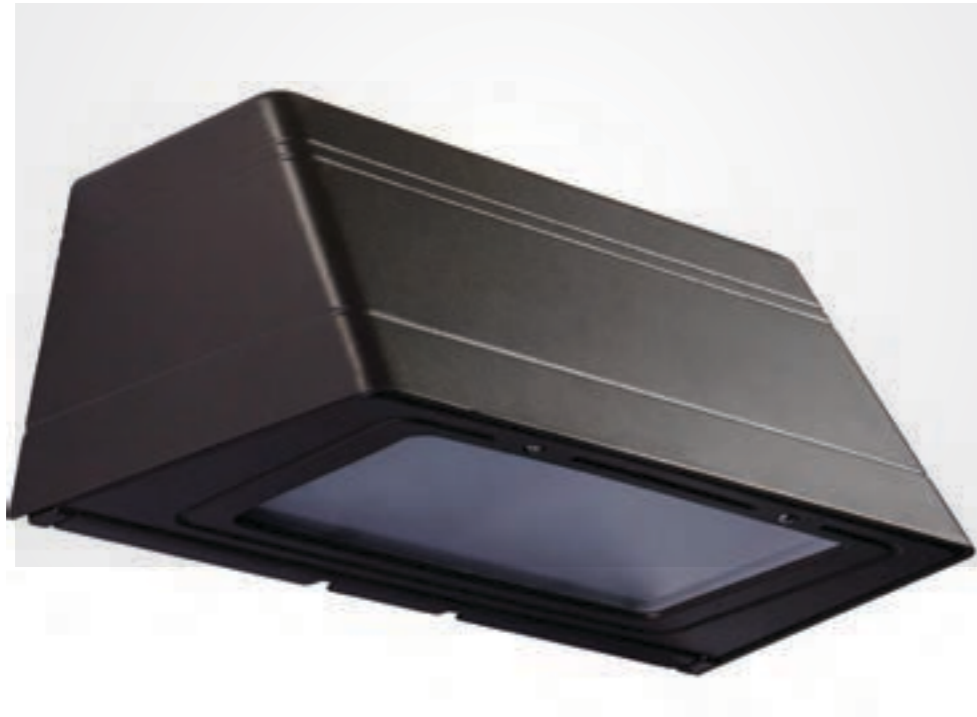
**DCL 200 100W**



**DCL 200-90 100W**







## TRADITIONAL . WALL PACK



Architectural style with great performance • Premium brand LEDs (Samsung® or LG® chips depending on SKU) and YG® driver technology • Dimming option available • Precision die cast aluminum • Wet location rated fixture for outdoor use • Chip and fade resistant powder coat finish in any color • Industrial grade, Standard button Photocell • Easy installation with hands free mounting • Dark sky compliant



DCL360 SERIES



DCL370 SERIES

### OVERVIEW:

UL wet listed die-cast aluminum construction with tempered glass lens complete with stainless steel hardware. Mounts to standard 4 inch square electrical junction boxes. Alternate junction box mounting possible via universal mounting ring. Ingress resistant gasket included.

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>DCL 360</b>										
4K	35W	30W	3346	101	150W	80	Forward Throw, Full Cut-Off	120-277	13.00 lbs.	1
	50W	45W	5127	104	175W					
	70W	62W	6596	99	250W					
5K	35W	30W	3456	104	150W	80	Forward Throw, Full Cut-Off	120-277	13.00 Lbs.	1
	50W	45W	5208	105	175W					
	70W	62W	6735	103	250W					
<b>DCL 370</b>										
4K	35W	30W	3413	101	150W	80	Forward Throw, Full Cut-Off	120-277	12.12 lbs.	1
	50W	45W	5046	101	175W					
	70W	62W	6780	99	250W					
5K	35W	30W	3548	103	150W	80	Forward Throw, Full Cut-Off	120-277	12.12 lbs.	1
	50W	45W	5184	102	175W					
	70W	62W	6911	101	250W					

### BUILD YOUR ORDER SKU NUMBER

Sample

DCL360-35W-40K-V1-D-PC-BZ

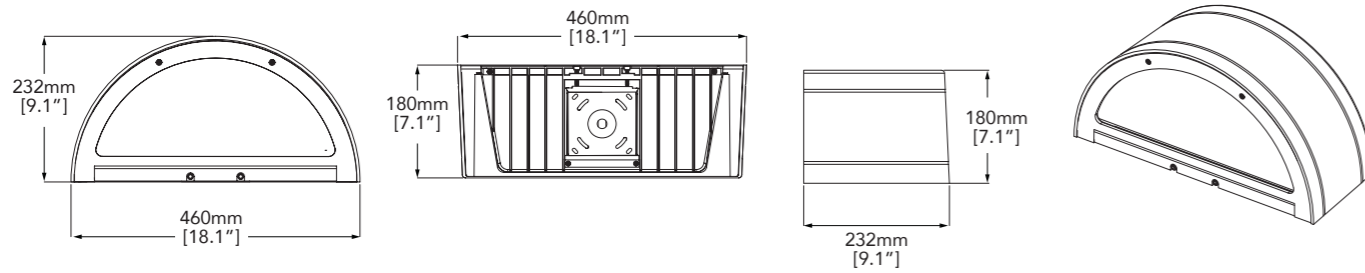
Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for DCL360/370)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH
DCL 360	35W	40K	V1	D	PC	BZ
<b>BODY TYPE</b>	360 370	40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V6 = 347V <i>(Canada Only)</i> V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray

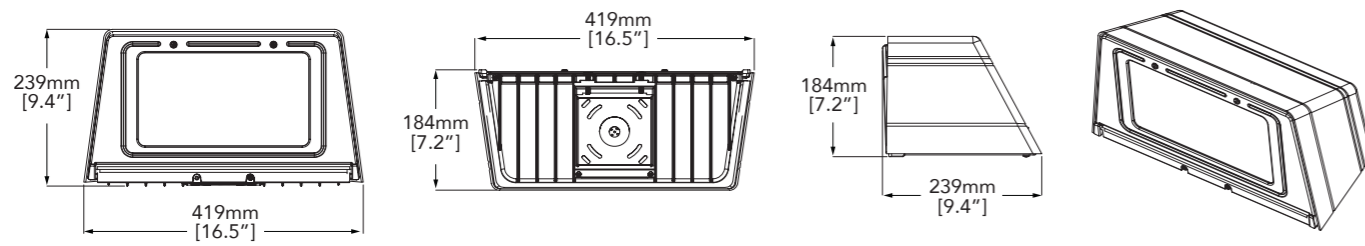
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

### DCL 360 35W / 50W / 70W — 18.10" x 7.10" x 9.10"



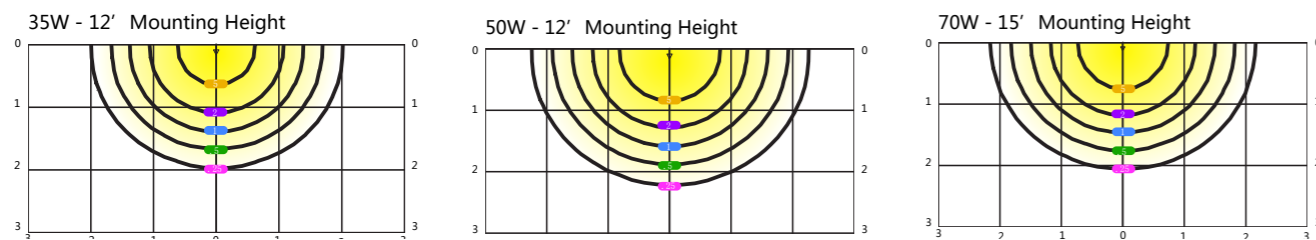
### DCL 370 35W / 50W / 70W — 16.50" x 7.20" x 9.40"



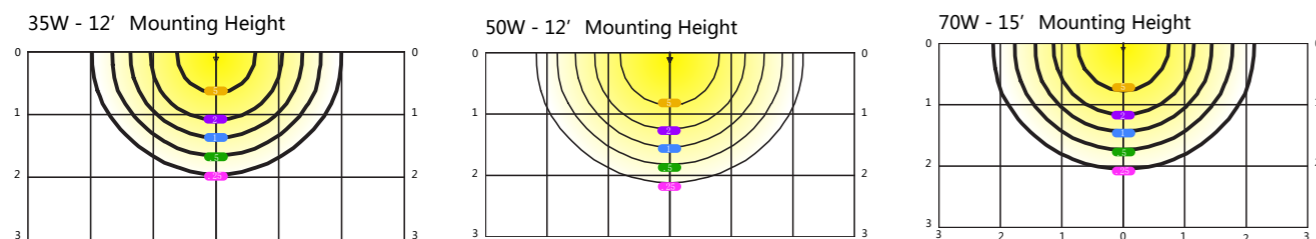
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

### DCL 360 35W / 50W / 70W



### DCL 370 35W / 50W / 70W



DCL360 SERIES



## THE ORCA . OVERDOOR



Aesthetic curved design • Citizen® COB LED's and YG® driver technology • Dimming option available • Polycarbonate with aluminum backplate • Wall mount (ADA compliant, OVL500 only) • Wet location rated fixture for outdoor use • Chip and fade resistant powder coat finish in any color • Frosted UV stabilized poly carbonate Diffuser • Industrial grade Photocell intergraded • Easy installation with hands free mounting



OVL500 SERIES



OVL520 SERIES

## SPECIFICATIONS .

	CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>OVL 500</b>											
4K		10W	9W	1027	101	50W	80	N/A	120-277	1.76 lbs.	15
		15W	14W	1433	95						
		20W	18W	1746	91						
5K		10W	9W	1050	104	50W	80	N/A	120-277	1.76 lbs.	15
		15W	14W	1481	99						
		20W	18W	1723	90						
<b>OVL 520</b>											
4K		30W	27W	2834	93	100W	80	N/A	120-277	5.29 lbs.	10
5K		30W	27W	2829	93	100W	80	N/A	120-277	5.29 lbs.	10

### BUILD YOUR ORDER SKU NUMBER

Sample **OVL520-30W-40K-V1-D-PC-BZ**

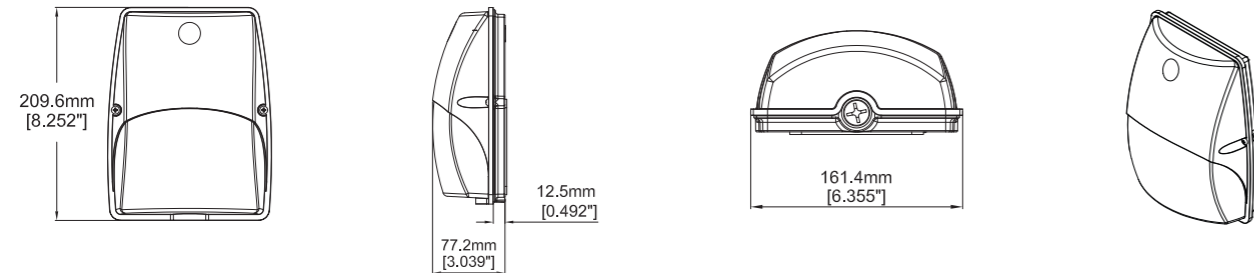
Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for OVL500/520)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH
	OVL 520	30W	40K	V1	D	PC	BZ
BODY TYPE	500	10W	40K = 4000K	V1 = 120V	D = Dimming	PC = PhotoCell	BZ = Bronze
	520	15W	50K = 5000K	V2 = 208V	N = Non Dimming	NA = None	BK = Black
		20W		V3 = 220V			SL = Silver
		30W		V4 = 240V			WH = White
				V5 = 277V			GY = Gray
				V6 = 347V			
				(Canada + 520 Model Only)			
				V8 = 120-277V			

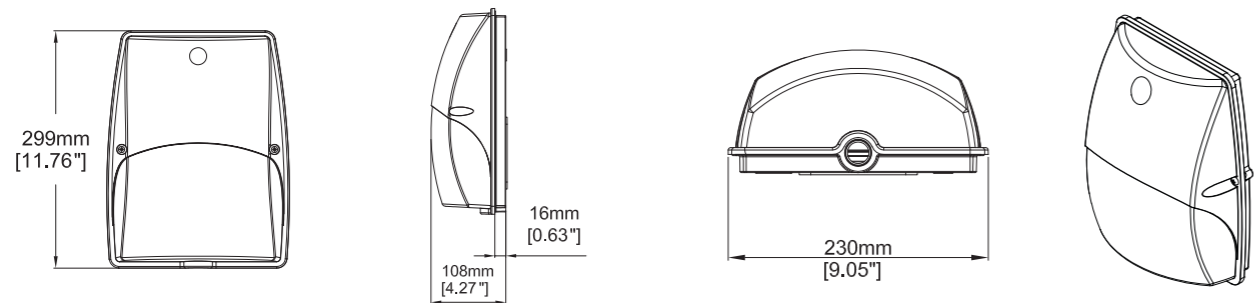
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

**OVL 500 10W / 15W / 20W 8.25" x 6.36" x 3.04"**



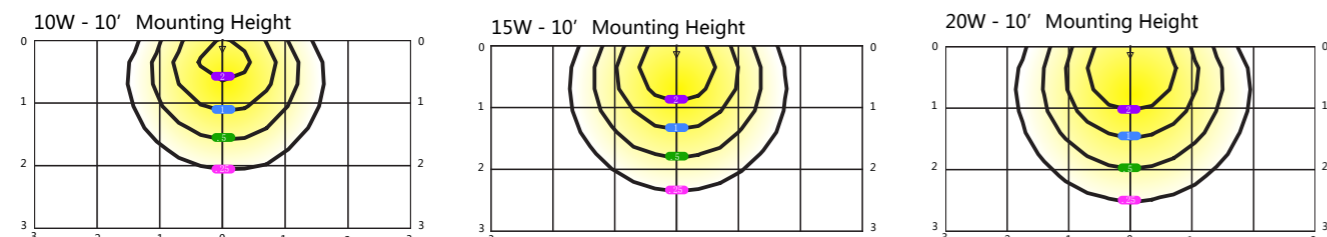
**OVL 520 30W 11.76" x 9.05" x 4.27"**



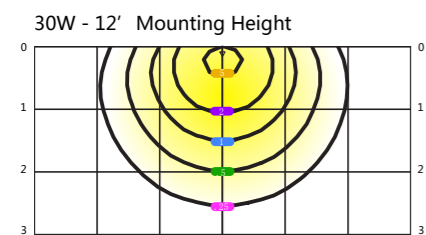
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

**OVL 500 10W / 15W / 20W**



**OVL 520 30W**



OVL520 SERIES



## THE TITAN . FLOOD LIGHT



Wide and narrow beam spreads available •Citizen® COB LED's and YG® driver technology  
 •Dimming option available •Precision die cast •Trunnion and Knuckle bracket mounting •IP65 rated fixture for outdoor use •Chip and fade resistant powder coat finish in any color •Highly efficient optics system •Superior thermal management and heat dissipation. •Industrial grade, Standard button Photocell



FLL180 SERIES  
14W / 20W



FLL180 SERIES  
28W



FLL180 SERIES  
52W



FLL180 SERIES  
52W

### OVERVIEW:

UL wet listed die-cast aluminum construction with tempered glass lens complete with stainless steel hardware.

## SPECIFICATIONS .

	CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>FLL 180</b>											
4K	14W	13W	1405	105	70W	70	70	-NEMA 1 (18°) -NEMA 2 (36°) - Wide Beam	120-277	7.6 lbs.	6
	20W	18W	1885	93							
	28W	25W	2707	101	100W						
	52W	46W	5183	98	150W					10.79 lbs.	4
5K	14W	13W	1416	106	70W	70	70	-NEMA 1 (18°) -NEMA 2 (36°) - Wide Beam	120-277	7.6 lbs.	6
	20W	18W	1913	96							
	28W	25W	2752	102	100W						
	52W	46W	5202	98	150W					10.79 lbs.	4

### BUILD YOUR ORDER SKU NUMBER

Sample **FLL180-28W-40K-V1-D-PC-N1-BZ-KN**

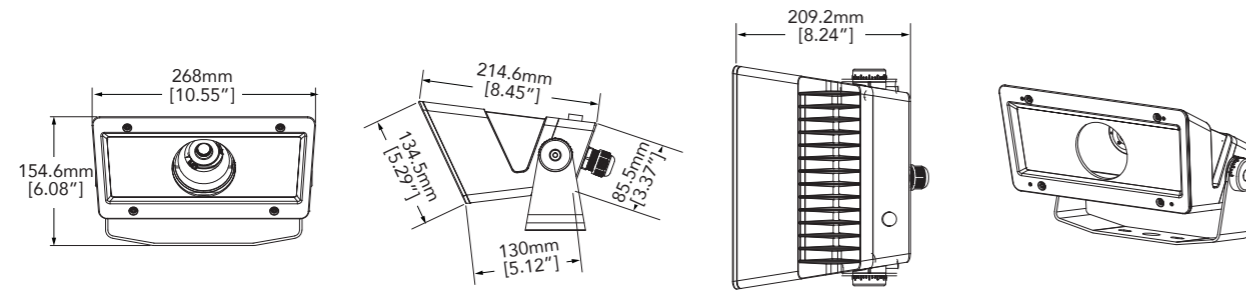
Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Electrical Optics*, *Housing Finish* and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for FLL180)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	ELECTRICAL OPTICS	HOUSING FINISH	MOUNTING
	FLL 180	28W	40K	V1	D	PC	N1	BZ	KN
BODY TYPE	180	14W 20W 28W 52W	40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V6 = 347V V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	N1 = 10° up to 18° N2 = 29° up to 46° WB = Wide Beam	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	TR = Trunnion KN = Knuckle

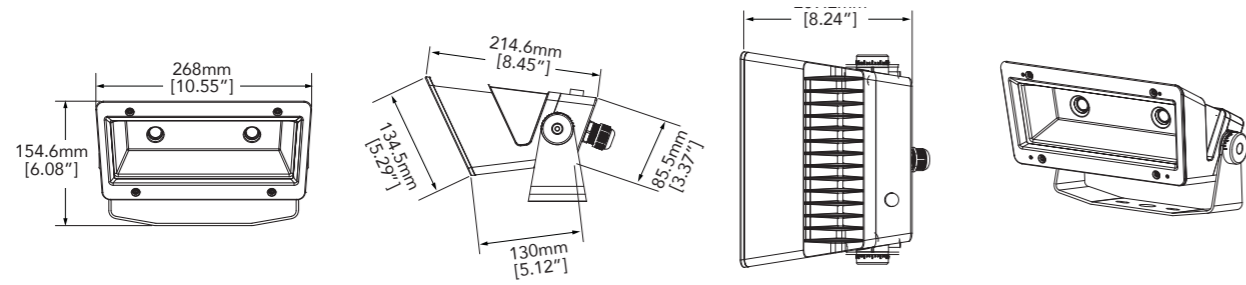
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

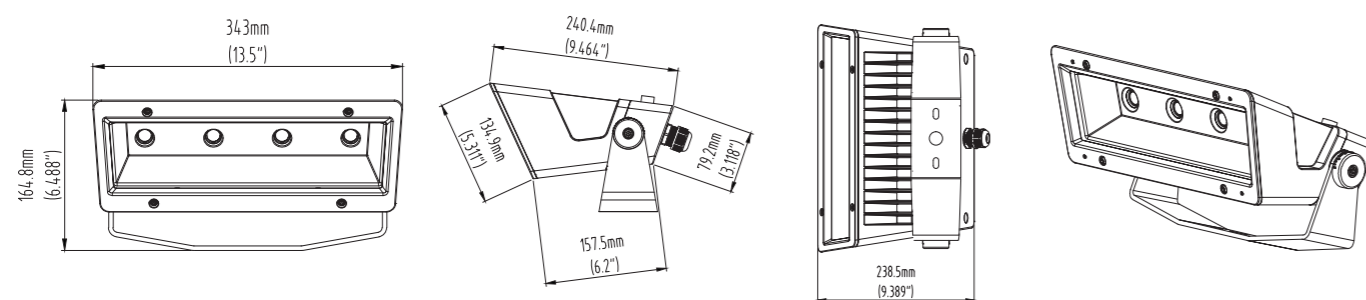
**FLL 180 14W / 20W** ——— **10.55" x 6.08" x 8.24"**



**FLL 180 28W** ——— **10.55" x 6.08" x 8.24"**



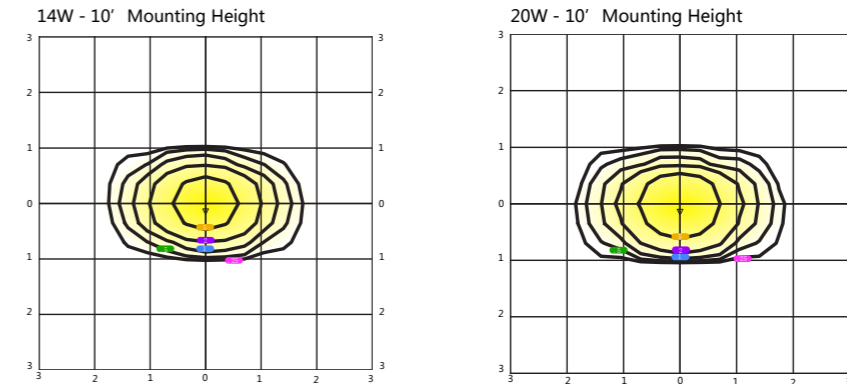
**FLL 180 52W** ——— **13.50" x 5.31" x 9.39"**



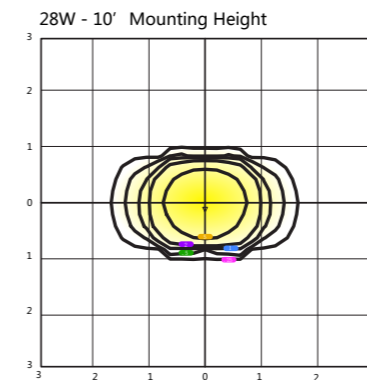
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. Refer to the colors here to know the specific foot candle. **.25** **.50** **1.0** **2.0** **5.0**

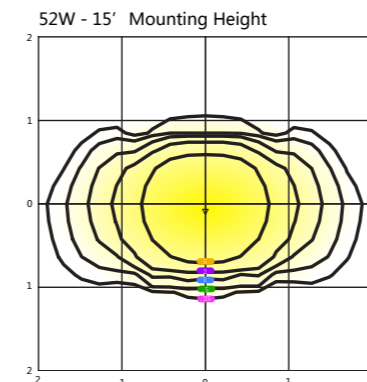
**FLL 180 14W / 20W**



**FLL 180 28W**



**FLL 180 52W**





## THE ORION . FLOOD LIGHT



- Citizen® COB LED's and YG® driver technology
- Dimming option available
- Precision die cast
- IP66 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Industrial grade, Standard button Photocell
- 6X6 beam angle standard, 3X3 spot-optics available in higher wattages
- Multiple mounting configurations to fit any application
- NOT AVAILABLE FOR CANADIAN MARKET



FLL360 SERIES

FLL370 SERIES

FLL380 SERIES

FLL400 SERIES  
100W / 114W

FLL400 SERIES  
135W / 152W

### OVERVIEW:

Die-cast (grade of aluminum) Aluminum with tempered glass lens, utilizing stainless steel hardware.

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>FLL 360</b>										
4K	20W	18W	2181	111	70W	70	6X6	120-277	6.33 lbs.	4
5K	20W	18W	2228	114	70W	70	6X6	120-277	6.33 lbs.	4
<b>FLL 370</b>										
4K	38W	34W	4013	104	150W	70	6X6	120-277	8.81 lbs.	4
	40W	36W	4733	119						
	50W	45W	5584	113						
5K	38W	34W	4113	106	150W	70	6X6	120-277	8.81 lbs.	4
	40W	36W	4397	113						
	50W	45W	5840	117						
<b>FLL 380</b>										
4K	78W	68W	8006	106	250W	70	6X6	120-277	17.62 lbs.	2
5K	78W	68W	7879	104	250W	70	6X6	120-277	17.62 lbs.	2
<b>FLL 400</b>										
4K	100W	90W	11113	110	320W	70	6X6	120-277	26.43 lbs.	1
	114W	100W	11717	103						
	135W	120W	12965	97	400W					
	152W	135W	14058	94						
			15514	101						
5K	100W	90W	11263	111	320W	70	6X6	120-277	26.43 lbs.	1
	114W	100W	11929	106						
	135W	120W	13295	101	400W					
	152W	135W	13554	92						
			16157	107						

### BUILD YOUR ORDER SKU NUMBER

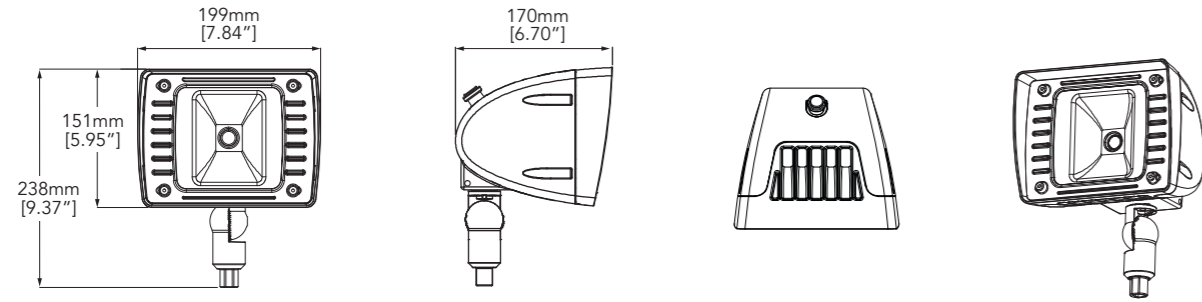
Sample **FLL400-152W-50K-V1-D-PC-W66-ST-BZ-SF**

Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Electrical Optics*, *Housing Finish* and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for FLL360/370/380/400)*

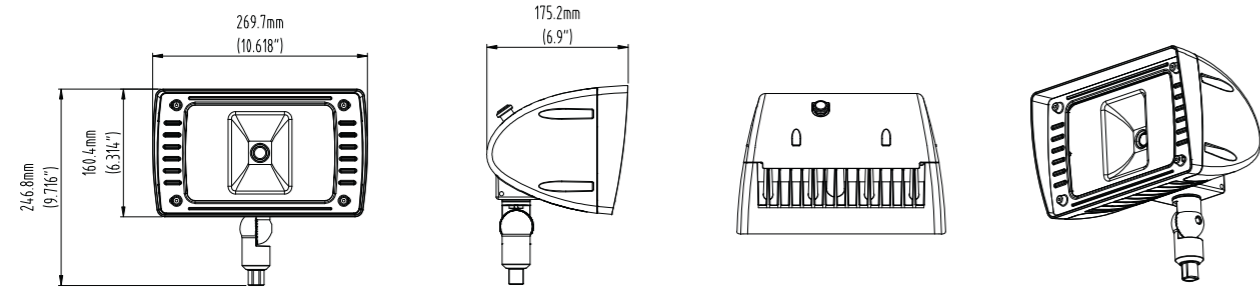
FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	ELECTRICAL OPTICS	MECHANICAL ACCESSORIES	HOUSING FINISH	MOUNTING	
FLL 400	152W	50K	V1	D	PC	W66	NA	BZ	SF	
BODY TYPE	360	20W	40K = 4000K	V1 = 120V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	N33 = 3x3 Narrow Beam W66 = 6x6 Wide Beam	WG = Wire Guard VI = Visor ST = Standard	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	TR = Trunnion KN = Knuckle (FLL360 & 370) SF = Slip Fitter WM = Wall Mount (FLL380 & 400)
	370	38W	50K = 5000K	V2 = 208V						
	380	40W		V3 = 220V						
	400	50W		V4 = 240V						
		78W		V5 = 277V						
	100W		V8 = 120-277V							

**LINE DRAWINGS .**

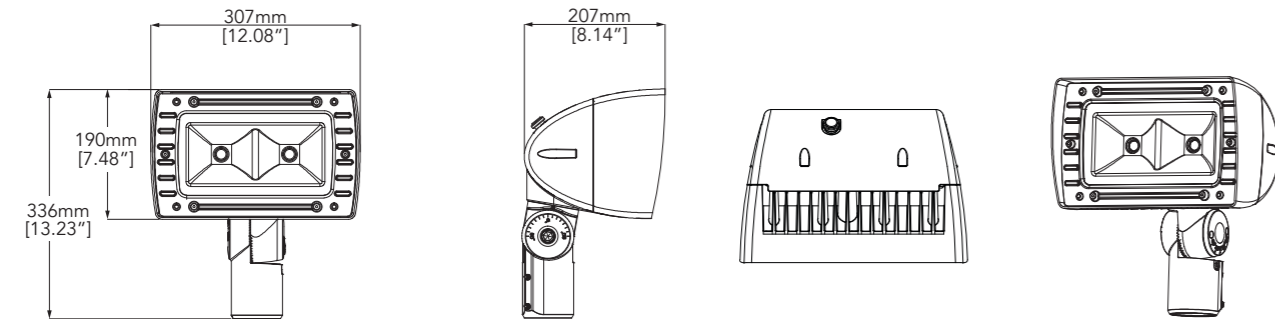
**FLL 360 20W** 7.84" x 5.95" x 6.70"



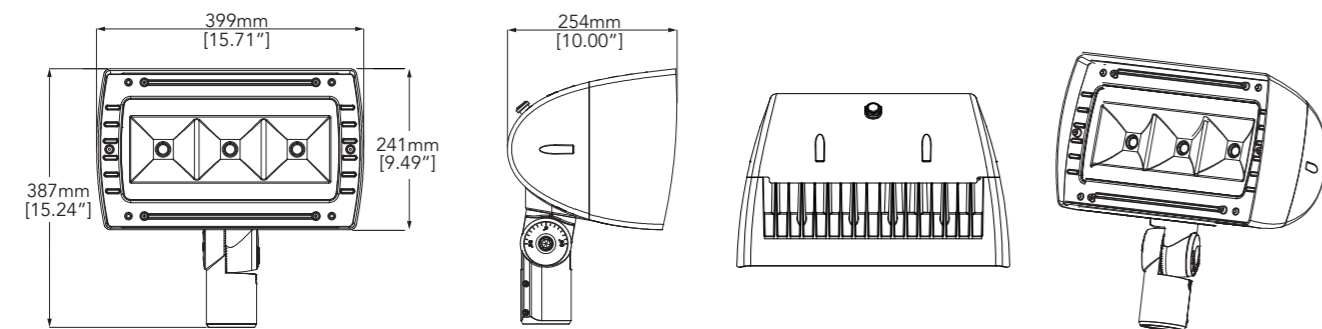
**FLL 370 38W / 40W / 50W** 10.62" x 6.31" x 6.90"



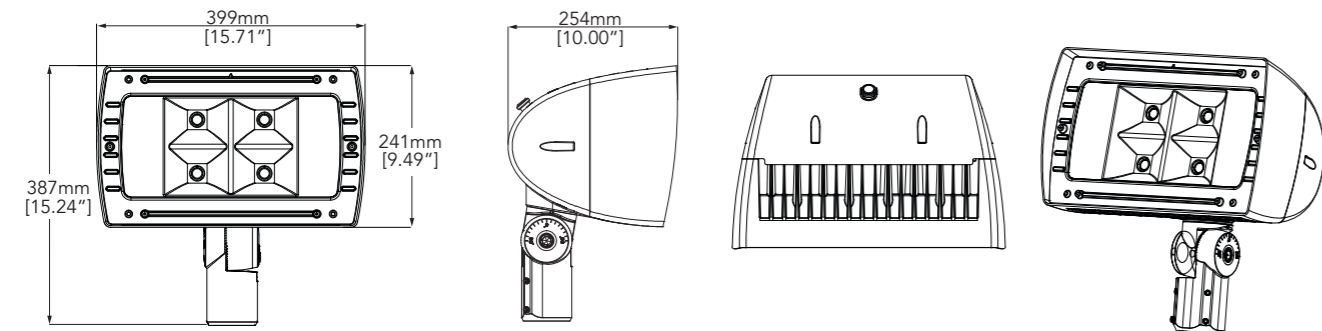
**FLL 380 78W** 12.08" x 7.48" x 8.14"



**FLL 400 100W / 114W** 15.71" x 9.49" x 10.00"



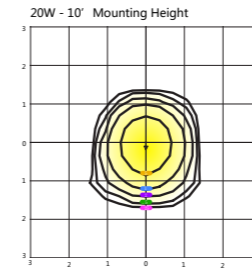
**FLL 400 135W / 152W** 15.71" x 9.49" x 10.00"



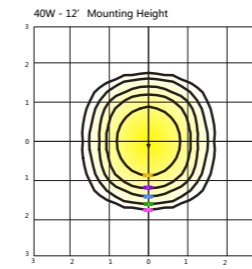
**PHOTOMETRY .**

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

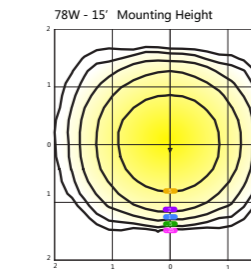
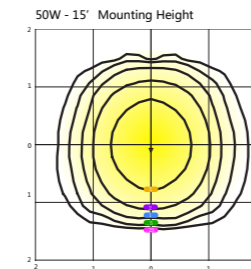
**FLL 360 20W**



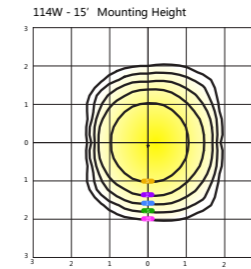
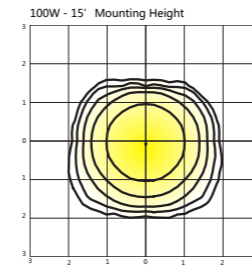
**FLL 370 38W / 40W / 50W**



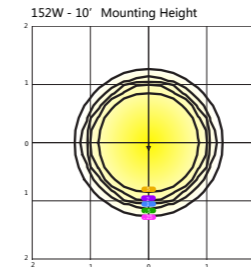
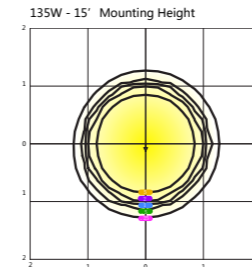
**FLL 380 78W**



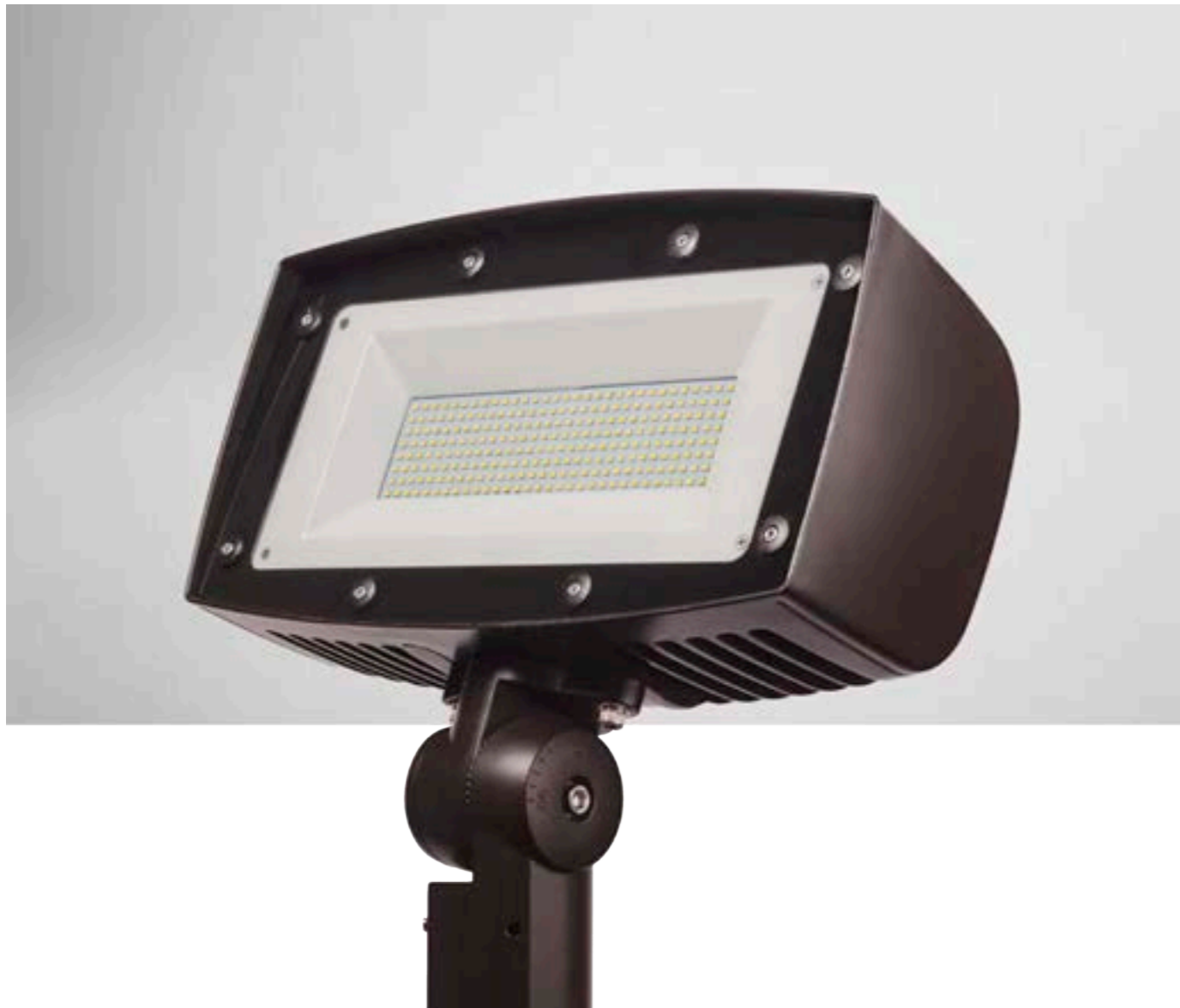
**FLL 400 100W / 114W**



**FLL 400 135W / 152W**







## ORION E-SERIES . FLOOD LIGHT



- Economic, versatile, high efficiency flood family, with Multiple mounting configurations to fit any application
- Mid-power LED chips and YG® driver technology
- Dimming option available
- Precision die cast
- IP66 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Industrial grade, Standard button Photocell
- NOT AVAILABLE FOR CANADIAN MARKET



FLL310 SERIES   FLL320 SERIES   FLL330 SERIES   FLL340 SERIES   FLL350 SERIES

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>FLL 310</b>										
4K	20W	18W	2000	100	70W	80	Wide Beam	120-277	4.55 lbs.	4
	30W	27W	3000							
5K	20W	18W	2040	102	70W	80	Wide Beam	120-277	4.55 lbs.	4
	30W	27W	3060							
<b>FLL 320</b>										
4K	40W	36W	4080	102	150W	80	Wide Beam	120-277	6.55 lbs.	4
	50W	45W	5100							
5K	40W	36W	4160	104	150W	80	Wide Beam	120-277	6.55 lbs.	4
	50W	45W	5200							
<b>FLL 330</b>										
4K	80W	70W	8320	104	250W	80	Wide Beam	120-277	16.25 lbs.	2
	100W	90W	10400							
5K	80W	70W	8480	106	250W	80	Wide Beam	120-277	16.25 lbs.	2
	100W	90W	10600							
<b>FLL 340</b>										
4K	120W	108W	12240	102	320W	80	Wide Beam	120-277	22.65 lbs.	1
	150W	133W	15300		400W					
5K	120W	108W	12480	104	320W	80	Wide Beam	120-277	22.65 lbs.	1
	150W	133W	15600		400W					
<b>FLL 350</b>										
4K	300W	270W	30600	102	1000W	80	Wide Beam	120-277	29 lbs.*	1
5K	300W	270W	31200	104	1000W	80	Wide Beam	120-277	29 lbs.*	1

### BUILD YOUR ORDER SKU NUMBER

Sample **FLL340-120W-40K-V1-D-PC-BZ-SF**

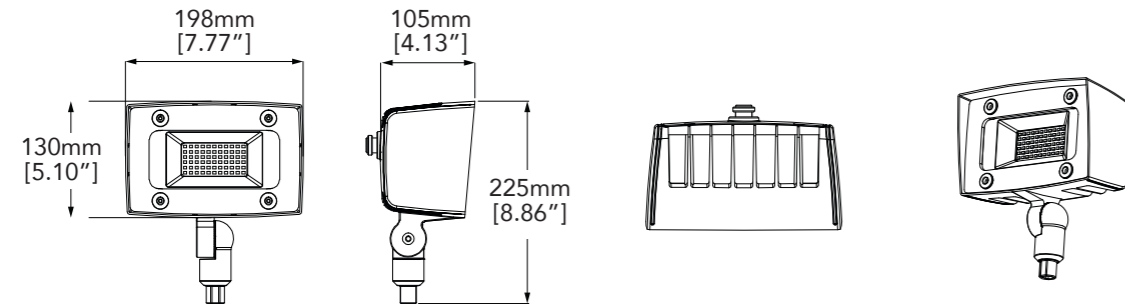
Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Electrical Optics*, *Housing Finish* and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below. *(This order form is only for FLL360/370/380/400)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH	MOUNTING
<b>BODY TYPE</b>	FLL 340	120W	40K	V1	D	PC	BZ	SF
	310	20W	30K = 3000K	V1 = 120V	D = Dimming	PC = PhotoCell	BZ = Bronze	TR = Trunnion
	320	30W		V2 = 208V	N = Non Dimming	NA = None	BK = Black	KN = Knuckle (FLL310 & 320)
	330	40W	40K = 4000K	V3 = 220V			SL = Silver	SF = Slip Fitter
	340	50W		V4 = 240V			WH = White	WM = Wall Mount
	350	80W	50K = 5000K	V5 = 277V			GY = Gray	
		100W		V8 = 120-277V				
		120W						
		150W						
		300W						

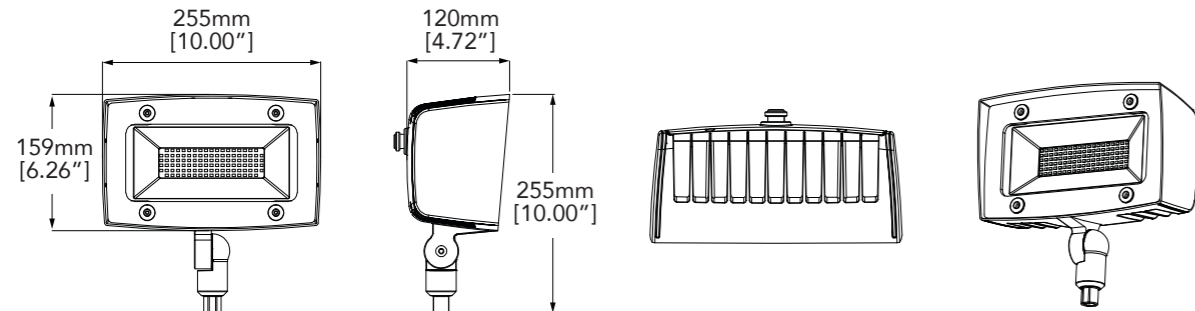
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

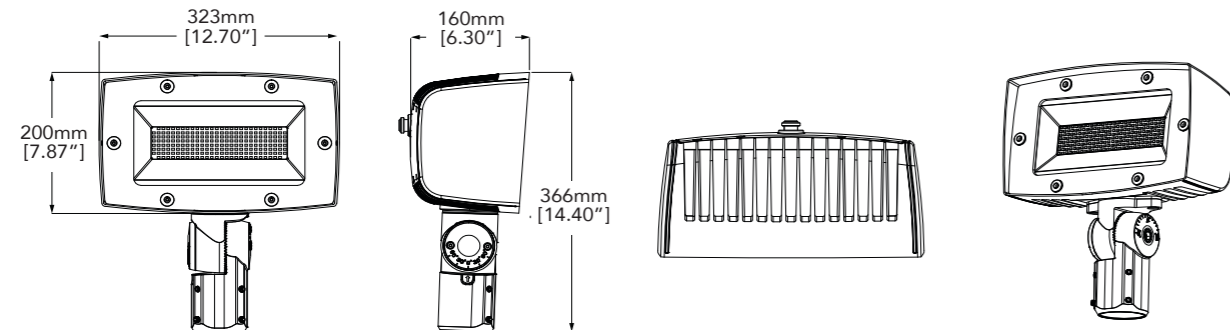
**FLL 310 20W / 30W** ——— **7.77" x 5.10" x 4.13"**



**FLL 320 40W / 50W** ——— **10.00" x 6.26" x 4.72"**



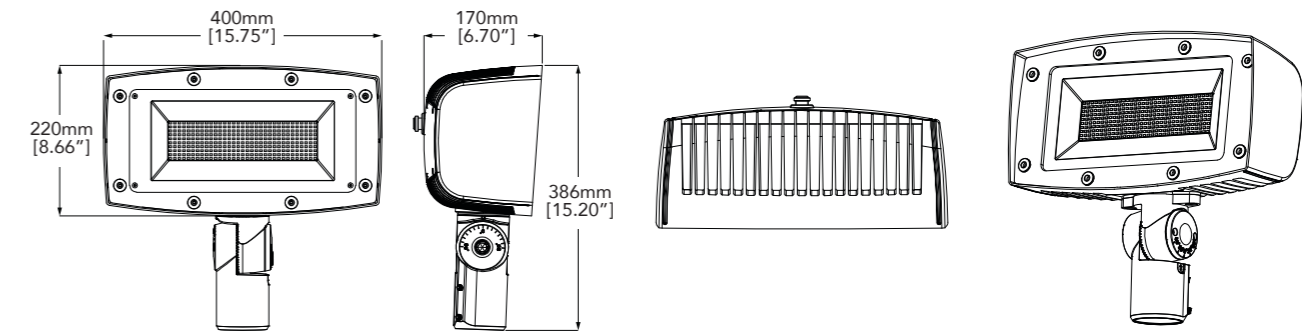
**FLL 330 80W / 100W** ——— **12.70" x 7.87" x 6.30"**



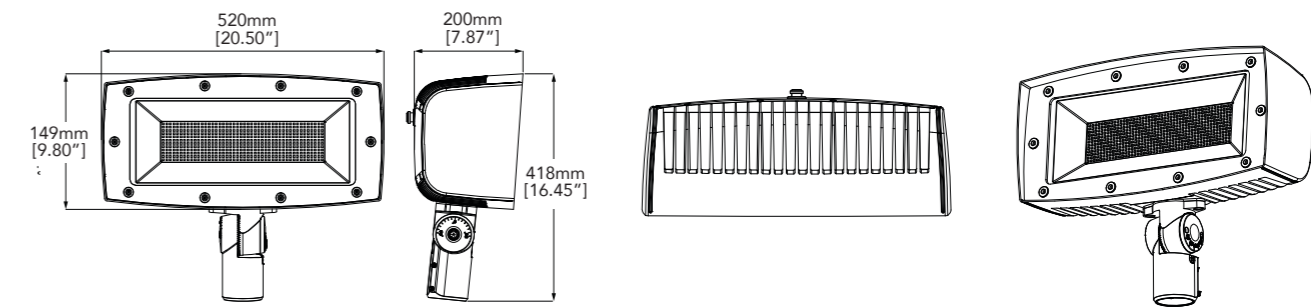
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

**FLL 340 120W / 150W** ——— **15.75" x 8.66" x 6.70"**



**FLL 350 300W** ——— **20.50" x 9.80" x 7.87"**





## TRADITIONAL . FLOOD LIGHT



- Premium brand LEDs (Samsung® or LG LED® chips depending on SKU) and YG® driver technology
- Dimming option available
- Precision die cast
- Industrial grade, Button-type photocell
- Wet location rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color



DCL532 SERIES

DCL545 SERIES

DCL560 SERIES

DCL400 SERIES

### OVERVIEW:

Die-cast (grade of aluminum) Aluminum with tempered glass lens, utilizing stainless steel hardware.

## SPECIFICATIONS

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>DCL 532</b>										
4K	20W	18W	1870	101	100W	80	N/A	120-277	8.81 lbs.	4
5K	20W	18W	1908	103	100W	80	N/A	120-277	8.81 lbs.	4
<b>DCL 545</b>										
4K	35W	30W	3782	110	150W	80	N/A	120-277	8.26 lbs.	4
	50W	45W	5649	115	175W					
5K	35W	30W	3861	113	150W	80	N/A	120-277	8.26 lbs.	4
	50W	45W	5844	116	175W					
<b>DCL 560</b>										
4K	35W	30W	3365	98	150W	80	N/A	120-277	12.66 lbs.	2
	50W	45W	4517	93	175W					
	70W	62W	6682	98	250W					
5K	35W	30W	3404	99	150W	80	N/A	120-277	12.66 lbs.	2
	50W	45W	4846	94	175W					
	70W	62W	6817	99	250W					
<b>DCL 400</b>										
4K	100W	90W	10475	105	250W	80	N/A	120-277	16.96 lbs.	1
5K	100W	90W	10868	108	250W	80	N/A	120-277	16.96 lbs.	1

### BUILD YOUR ORDER SKU NUMBER

Sample

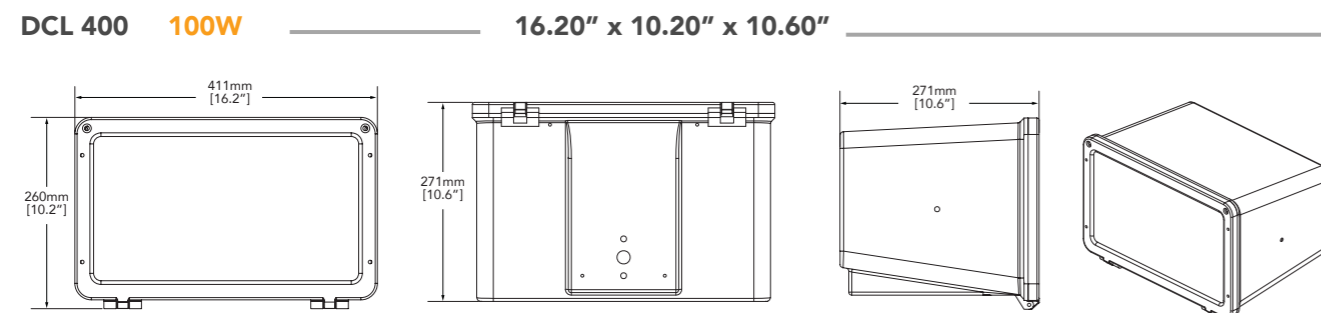
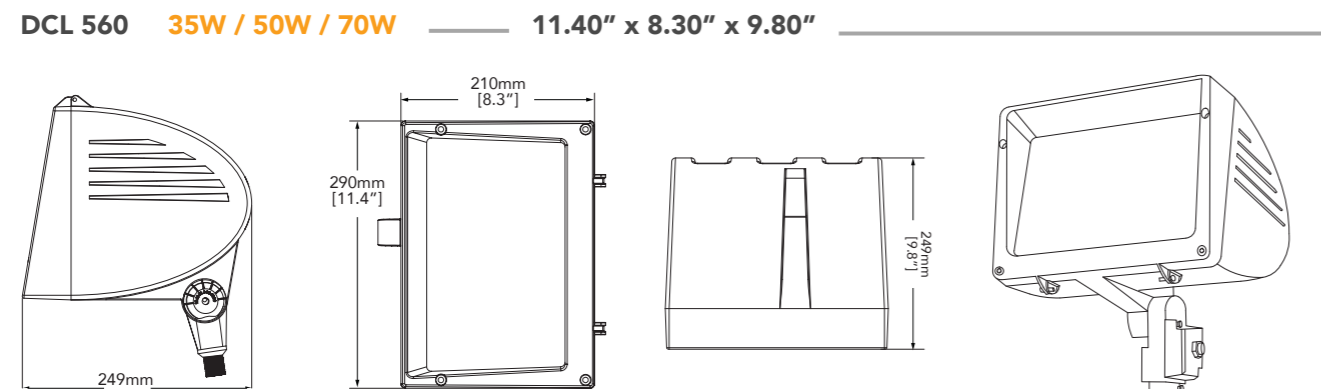
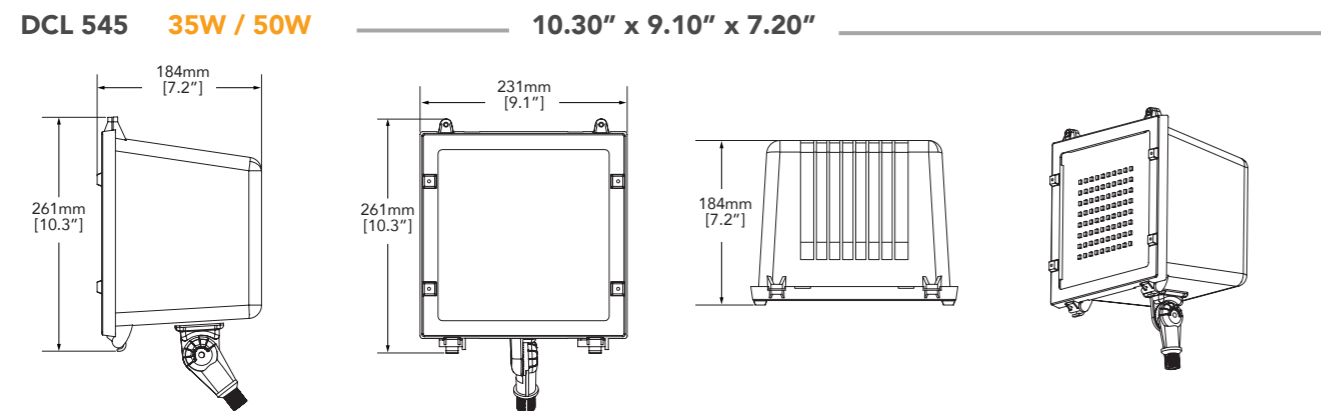
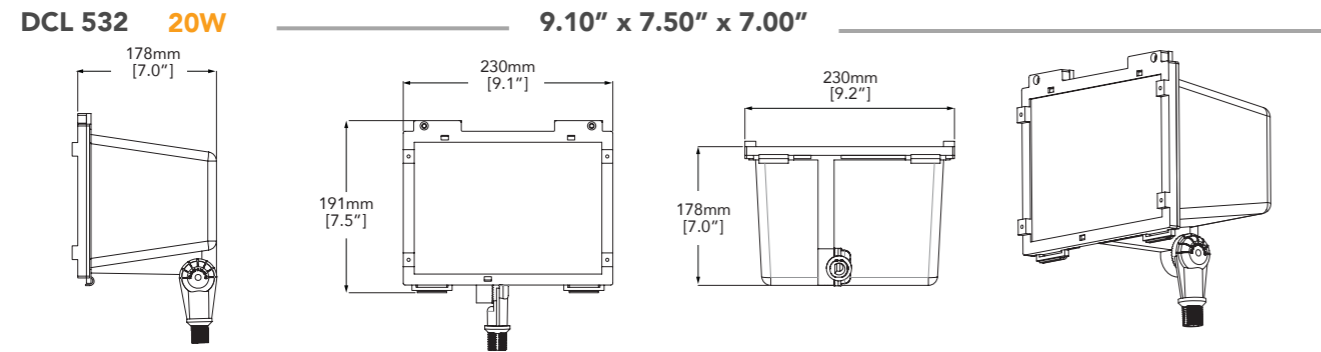
DCL560-50W-40K-V1-D-PC-BZ-SF

Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for DCL532/545/560/400)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH	MOUNTING
	DCL 560	50W	40K	V1	D	PC	BZ	SF
BODY TYPE	532	20W	40K = 4000K	V1 = 120V	D = Dimming	PC = PhotoCell	BZ = Bronze	SF = Slip Fitter
	545	35W	50K = 5000K	V2 = 208V	N = Non Dimming	NA = None	BK = Black	TR = Trunion
	560	50W		V3 = 220V			SL = Silver	NA = None
	400	70W		V4 = 240V			WH = White	
		100W		V5 = 277V			GY = Gray	
				V6 = 347V <i>(Canada Only)</i>				
				V8 = 120-277V				

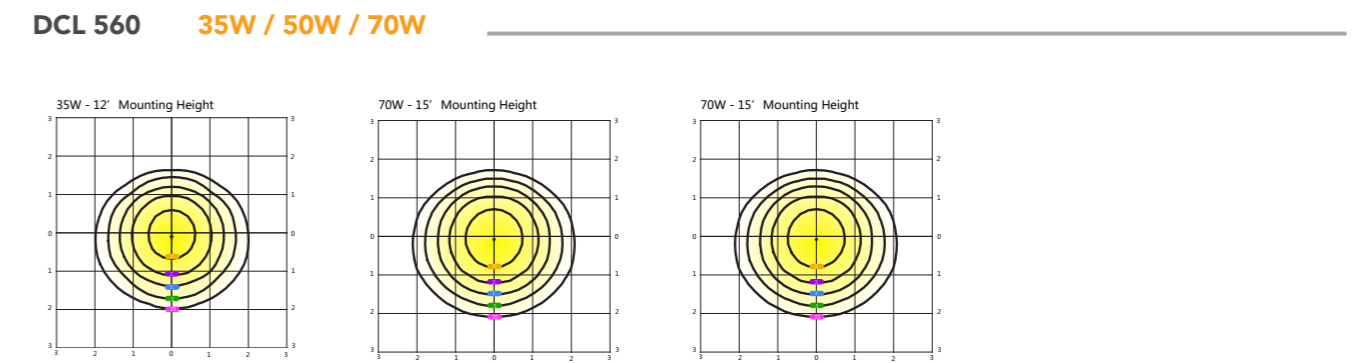
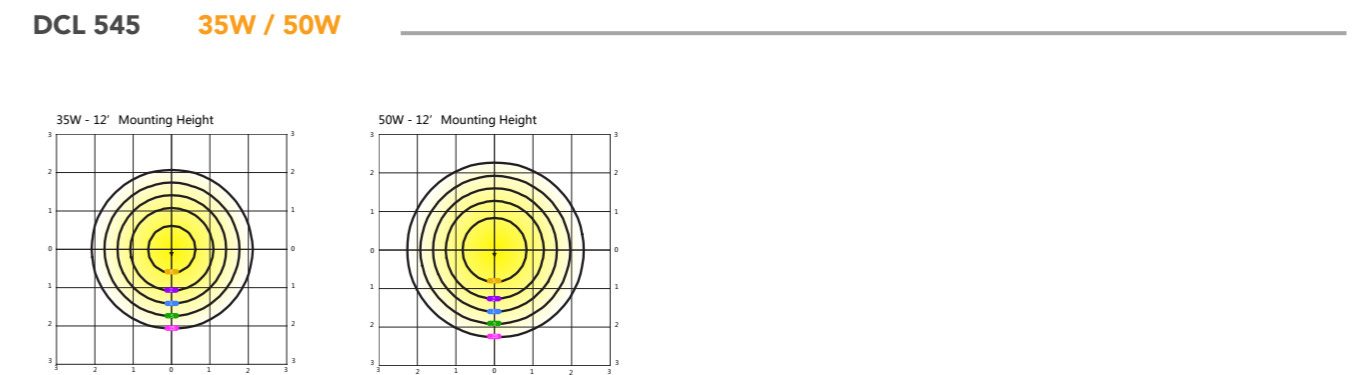
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.



## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**





## THE ARIA . AREA LIGHT



- Designed for maximum aesthetic appeal and thermal management
- Multiple mounting configurations for maximum application versatility
- Attractive fin design for thermal management
- LG® 3535 or CREE® XPG2 LED's and YG® driver technology
- Dimming option available
- Precision die cast
- IP65 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Precision Type II, III, IV, V optics
- Industrial grade, 3 or 5 pin Photocell Receptacle
- NOT AVAILABLE FOR CANADIAN MARKET**



ARL460 SERIES



ARL480 SERIES



ARL460-120W

### MOUNTING OPTIONS

#### TRUNNION

#### OVERVIEW:

UL wet listed die-cast aluminum construction with impact resistant UV Stabilized polycarbonate linear prismatic lens complete with stainless steel hardware. Mounts to 4" junction box with wall mount option, plus tenon mount using slipfitter, trunnion for surface mount, square pole bracket and extension arm mount depending on application requirements.



#### SLIP FITTER



#### WALL



#### POLE BRACKET



#### EXTENSION ARM



ARL480-250W

## SPECIFICATIONS . 460 SERIES

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY	
<b>ARL 460</b>											
4K	65W	58W	7410	110	150W	70	TYPE II	120-277	15 lbs.	1	
			6600	100			TYPE III				
			6495	98			TYPE IV				
			7362	108			TYPE V				
	100W	90W	10924	112	250W		TYPE II				
			10253	104			TYPE III				
			9604	96			TYPE IV				
			11059	112			TYPE V				
	120W	108W	12572	107	300W		75				TYPE II
			11487	98			TYPE III				
			11158	94			TYPE IV				
			12522	106			TYPE V				
5K	65W	58W	7907	122	150W	70	TYPE II	120-277	15 lbs.	1	
			7313	112			TYPE III				
			7138	110			TYPE IV				
			7789	117			TYPE V				
	100W	90W	11689	118	250W		TYPE II				
			10682	107			TYPE III				
			10479	107			TYPE IV				
			11451	114			TYPE V				
	120W	108W	13672	116	300W		TYPE II				
			12532	107			TYPE III				
			12224	104			TYPE IV				
			13430	113			TYPE V				

### BUILD YOUR ORDER SKU NUMBER

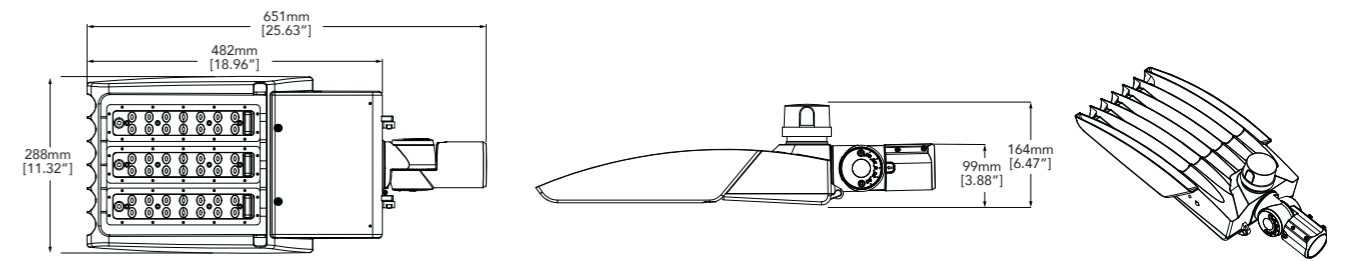
Sample **ARL460-120W-50K-V1-D-PC-T5-BZ-SF**

Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Electrical Optics*, *Housing Finish* and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for ARL460/480)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	ELECTRICAL OPTICS	HOUSING FINISH	MOUNTING
ARL 460	120W	50K	V1	D	PC	T5	BZ	SF
<b>BODY TYPE</b>	65W 100W 120W	40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell MS = Motion Sensor NA = None	T2 = TYPE II T3 = TYPE III T4 = TYPE IV T5 = TYPE V	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	SF = Slip Fitter TR = Trunnion EA = Extension Arm WM = Wall PB = Pole Bracket

## LINE DRAWINGS .

ARL 460 65W / 100W / 120W — 11.32" x 6.47" x 25.63"



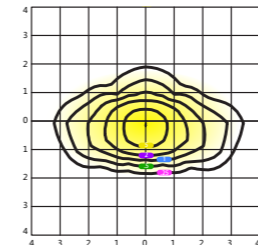
## PHOTOMETRY .

.25 .50 1.0 2.0 5.0

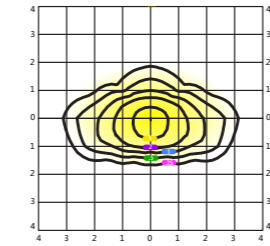
ARL 460 65W / 100W / 120W

TYPE II

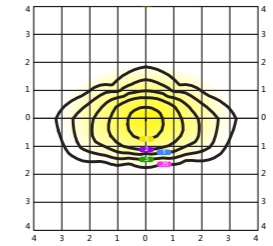
65W - T2 - 15' Mounting Height



100W - T2 - 20' Mounting Height



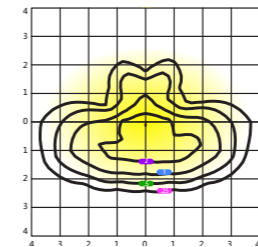
150W - T2 - 25' Mounting Height



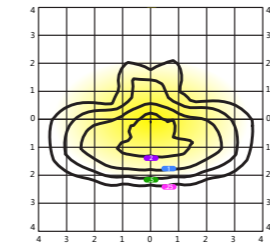
ARL 460 65W / 100W / 120W

TYPE III

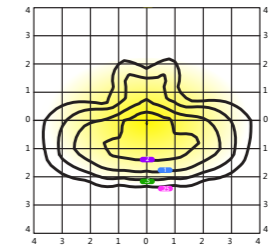
65W - T3 - 15' Mounting Height



100W - T3 - 20' Mounting Height



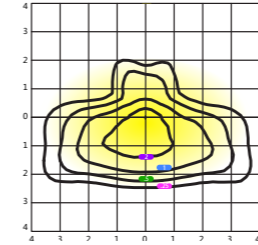
120W - T3 - 20' Mounting Height



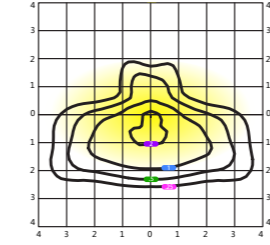
ARL 460 65W / 100W / 120W

TYPE IV

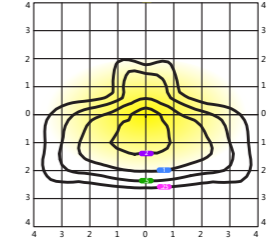
65W - T4 - 15' Mounting Height



100W - T4 - 20' Mounting Height



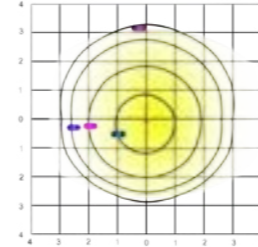
120W - T4 - 20' Mounting Height



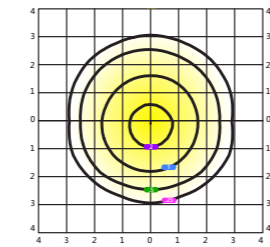
ARL 460 65W / 100W / 120W

TYPE V

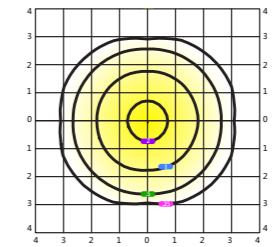
65W - T5 - 15' Mounting Height



100W - T5 - 20' Mounting Height



150W - T5 - 25' Mounting Height



## SPECIFICATIONS . 480 SERIES

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>ARL 480</b>										
4K	150W	135W	17552	122	400W	70	TYPE II	120-277	22.04 lbs.	1
			16934	116			TYPE III			
			16549	113			TYPE IV			
			18427	125			TYPE V			
	200W	180W	23222	120			TYPE II			
			21118	110			TYPE III			
			20384	106			TYPE IV			
			22861	119			TYPE V			
	250W	225W	28525	117			TYPE II			
			26426	108			TYPE III			
			24876	102			TYPE IV			
			28039	116			TYPE V			
5K	150W	135W	18886	128	400W	70	TYPE II	120-277	22.04 lbs.	1
			17229	118			TYPE III			
			16549	113			TYPE IV			
			18765	127			TYPE V			
	200W	180W	23353	121			TYPE II			
			21639	112			TYPE III			
			20557	108			TYPE IV			
			23278	120			TYPE V			
	250W	225W	28732	117			TYPE II			
			27095	110			TYPE III			
			25166	103			TYPE IV			
			29025	118			TYPE V			

### BUILD YOUR ORDER SKU NUMBER

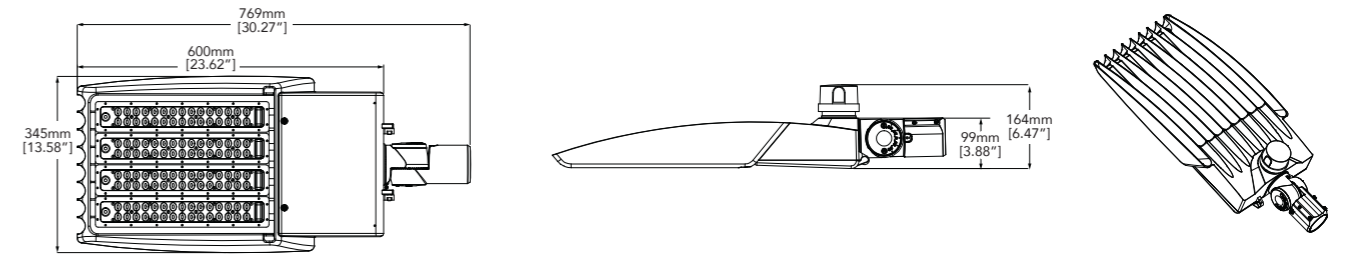
Sample **ARL480-150W-50K-V1-D-PC-T4-BZ-SF**

Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Electrical Optics*, *Housing Finish* and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for ARL460/480)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	ELECTRICAL OPTICS	HOUSING FINISH	MOUNTING	
ARL 480	150W	50K	V1	D	PC	T4	BZ	SF	
<b>BODY TYPE</b>	<b>MODEL</b>	150W 200W 250W	40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	T2 = TYPE II T3 = TYPE III T4 = TYPE IV T5 = TYPE V	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	SF = Slip Fitter TR = Trunnion EA = Extension Arm WM = Wall PB = Pole Bracket

## LINE DRAWINGS .

ARL 480 150W / 200W / 250W — 13.58" x 6.47" x 30.27"

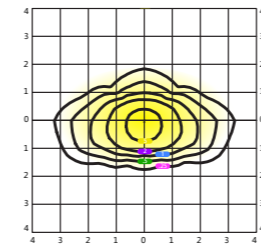


## PHOTOMETRY .

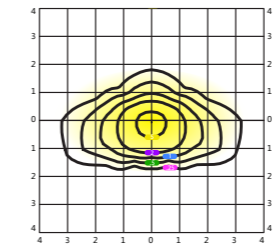
.25 .50 1.0 2.0 5.0

ARL 480 150W / 200W / 250W

150W - T2 - 25' Mounting Height

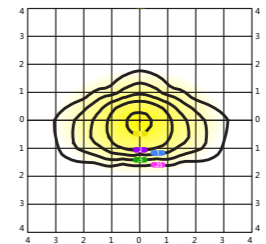


200W - T2 - 30' Mounting Height



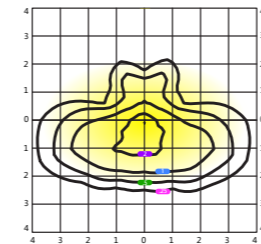
TYPE II

250W - T2 - 35' Mounting Height

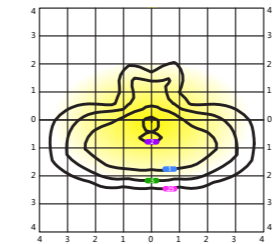


ARL 480 150W / 200W / 250W

150W - T3 - 25' Mounting Height

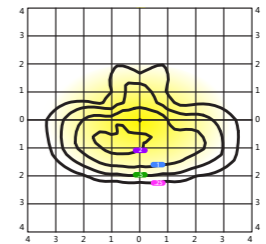


200W - T3 - 30' Mounting Height



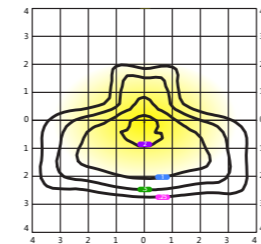
TYPE III

250W - T3 - 35' Mounting Height

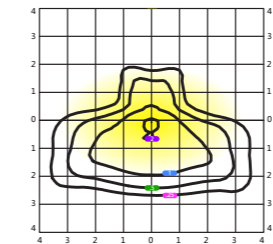


ARL 480 150W / 200W / 250W

150W - T4 - 25' Mounting Height

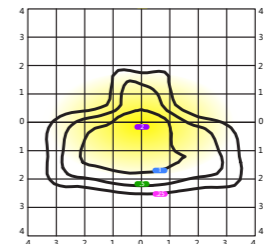


200W - T4 - 30' Mounting Height



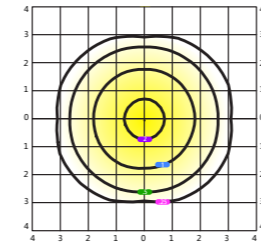
TYPE IV

250W - T4 - 35' Mounting Height

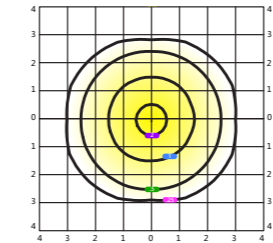


ARL 480 150W / 200W / 250W

150W - T5 - 25' Mounting Height

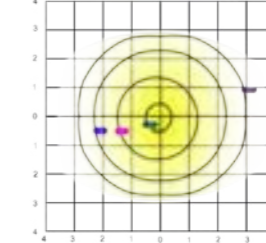


200W - T5 - 30' Mounting Height



TYPE V

250W - 40K - T5 - 35' Mounting Height





## TRADITIONAL . FLOOD / AREA LIGHT



Premium brand LEDs (Samsung® or LG® chips depending on SKU) YG® driver technology  
 •Dimming option available •Precision die cast •Trunnion and Slip fitter mount available •Optional arm mount (sold separately) •Wet Location rated fixture for outdoor use •Chip and fade resistant powder coat finish in any color •Industrial grade, Button-type photocell available.



DCL570 SERIES



DCL1000 SERIES

## SPECIFICATIONS

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>DCL 570</b>										
4K	115W	102W	12571	108	320W	80	Type-V	120-277	21 lbs.	1
	145W	130W	16307	113						
	200W	180W	20885	109						
5K	115W	102W	12814	111	320W	80	Type-V	120-277	21 lbs.	1
	145W	130W	16639	115						
	200W	180W	21449	111						
<b>DCL 1000</b>										
4K	250W	225W	27935	117	600W	80	Type-V	120-277	45 lbs.	1
	300W	270W	34284	117	750W					
	400W	360W	44723	116	1000W					
5K	250W	225W	28144	118	600W	80	Type-V	120-277	45 lbs.	1
	300W	270W	34626		750W					
	400W	360W	45512		116					

### BUILD YOUR ORDER SKU NUMBER

Sample **DCL570-115W-40K-V1-D-PC-BZ-S2**

Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Housing Finish*, and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for DCL570/1000)*

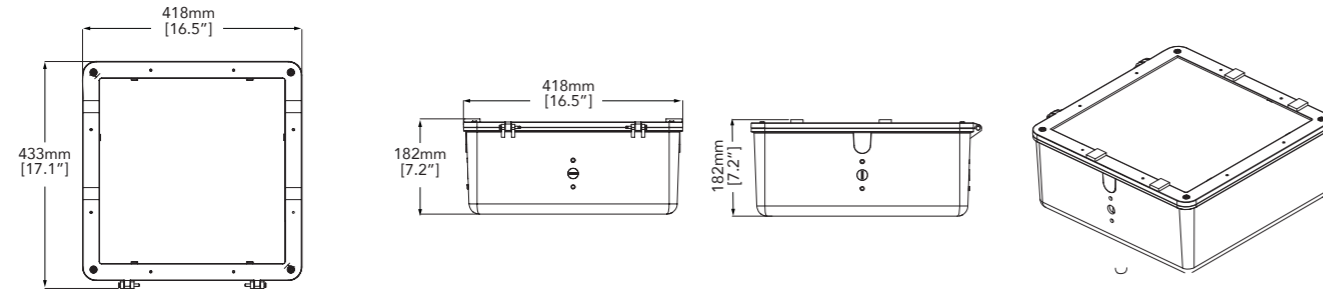
	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH	MOUNTING
	DCL 570	115W	40K	V1	D	PC	BZ	S2
BODY TYPE	570 1000	115W 145W 200W 250W 300W 400W	40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V6 = 347V (Canada Only) V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	S2 = Slip Fitter TR = Trunnion NA = None



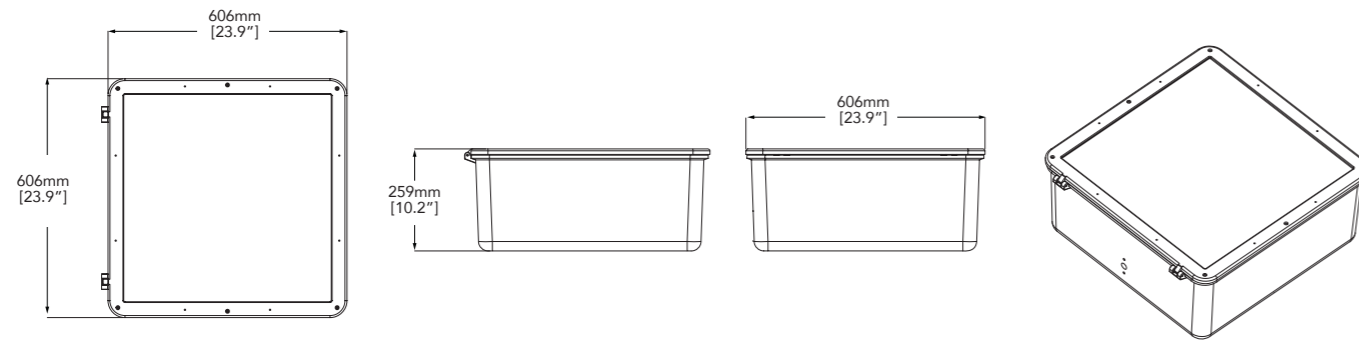
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

### DCL 570 115W / 145W / 200W — 17.10" x 16.50" x 7.20"



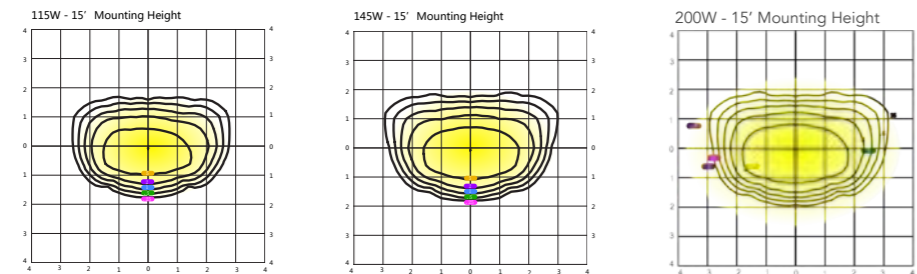
### DCL 1000 250W / 300W / 400W — 23.90" x 23.90" x 10.20"



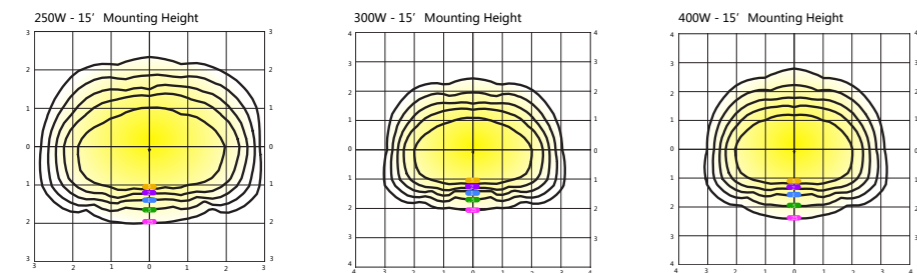
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, if mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

### DCL 570 115W / 145W / 200W



### DCL 1000 250W / 300W / 400W



DCL1000 SERIES



## DUSK TO DAWN . AREA LIGHT



- Replace traditional HID barn light with worry free, long life LED version
- Attractive fin design for thermal management
- Cree® LED's and YG® driver technology
- Precision die cast
- Default Surface mount
- Optional 24" arm mount available (sold separately)
- IP65 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Industrial grade, 3 or 5 pin Photocell Receptacle.



DTD420 SERIES



DTD420 AND 24" ARM

### OVERVIEW:

UL wet listed die-cast aluminum construction with impact resistant UV Stabilized polycarbonate linear prismatic lens complete with stainless steel hardware. Can mount to a standard 4 inch square or an optional 24" arm mount. Alternate junction box mounting possible via universal mounting ring. Ingress resistant gasket included.

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	
<b>DTD 420</b>										
4K	28W	25W	2380	85	100W	75	Type V	120-277	5.07 lbs.	1
	40W	36W	3475	89	120W					
5K	28W	25W	2479	88	100W	75	Type V	120-277	5.07 lbs.	1
	40W	36W	3485	89	120W					

### BUILD YOUR ORDER SKU NUMBER

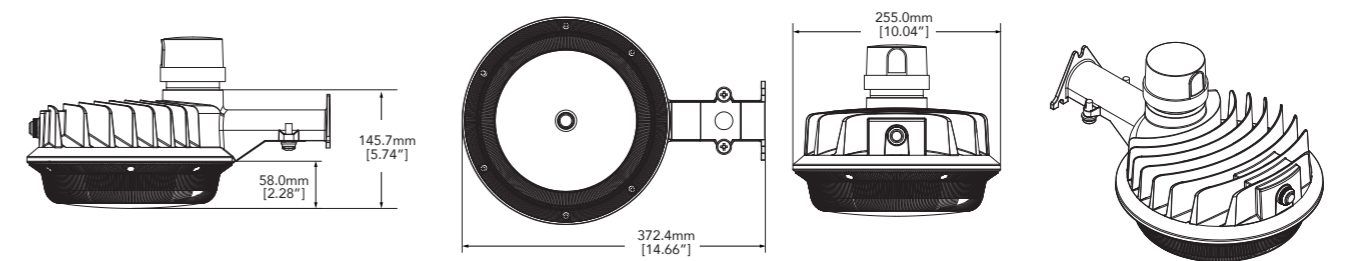
Sample **DTD420-28W-40K-V1-N-P1-BZ-24**

Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Housing Finish*, and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for DCL570/1000)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH	MOUNTING
DTD 420	28W	40K	V1	N	P1	BZ	24
<b>BODY TYPE</b>	<b>MODEL</b>						
	28W 40W	40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V6 = 347V <i>(Canada Only)</i> V8 = 120-277V	N = Non Dimming	P1 = 120V Swivel P2 = 277V Swivel P3 = 120-277 Button	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	24 = 24" Arm NA = None

## LINE DRAWINGS .

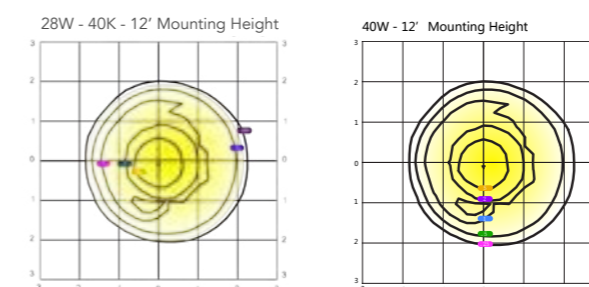
DTD 420 28W / 40W 14.66" x 10.04" x 5.74"



## PHOTOMETRY .

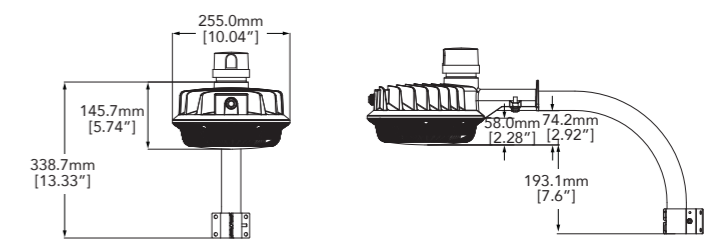
.25 .50 1.0 2.0 5.0

DTD 420 28W / 40W



## ACCESSORIES .

DTD 420 24" ARM





## SOLARIS . CEILING LIGHT



- Citizen® COB LED's and YG® driver technology
- Dimming option available
- Precision die cast
- Easy Installation
- IP66 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Highly efficient optics and reflector
- Multiple lens options for variety of applications
- Wireguard available for vandal resistance (CLL440 Only)
- NOT AVAILABLE FOR CANADIAN MARKET**



CLL220 SERIES



CLL440 SERIES



CLL440 AND WIRE GUARD

### OVERVIEW:

Die-cast (grade of aluminum) Aluminum with clear / frosted polycarbonate lens, utilizing stainless steel hardware. Energy Star rated.

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>CLL 220</b>										
4K	15W	14W	1267	92	50W	80	Type V	120-277	2.45 lbs.	6
	20W	18W	2136	110						
5K	15W	14W	1292	88	50W	70	Type V	120-277	2.45 lbs.	6
	20W	18W	2094	107						
<b>CLL 440</b>										
4K	40W	36W	3161	94	100W	70	Type V	120-277	6.61 lbs.	6
5K	40W	36W	3607	95	100W	70	Type V	120-277	6.61 lbs.	6

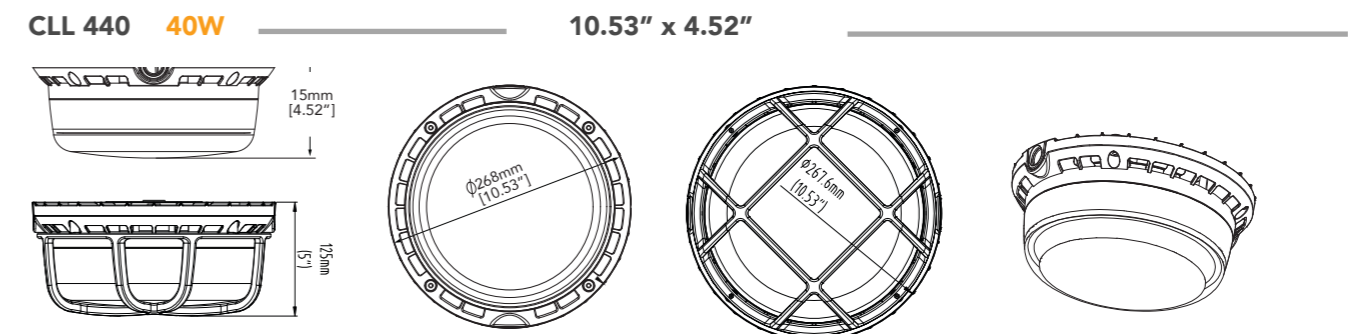
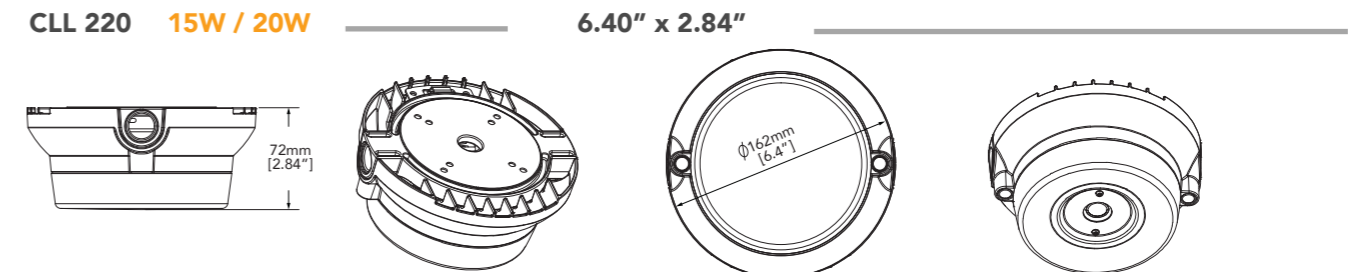
### BUILD YOUR ORDER SKU NUMBER

Sample **CLL220-15W-40K-V1-D-PC-NA-BZ**

Begin your customized order with the fixture Body Type and Model Number. Select your System Wattage and CCT of choice. Next, the Voltage, Dimming Option, Electrical Photocell, and Housing Finish. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for CLL220/440)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	MECHANICAL ACCESSORIES	HOUSING FINISH
CLL 220	15W	40K	V1	D	PC	ST	BZ
BODY TYPE	220	40K = 4000K	V1 = 120V	D = Dimming	PC = Photocell	WG = Wire Guard	BZ = Bronze
	440	50K = 5000K	V2 = 208V V3 = 220V V4 = 240V V5 = 277V V8 = 120-277V	N = Non Dimming	NA = None	ST = Standard	BK = Black SL = Silver WH = White GY = Gray

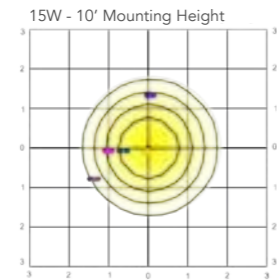
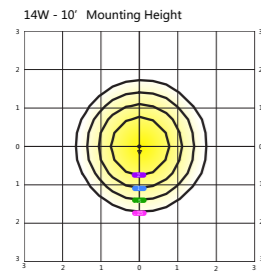
## LINE DRAWINGS .



## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

### CLL 220 15W / 20W



## ACCESSORIES .

### CLL 440 WIRE GUARD



CLL440 SERIES



## THE SEARA . GARAGE / CANOPY / POST



- Premium brand LEDs (Citizen® or CREE® COB chips depending on SKU) and YG® driver technology
- Dimming option available
- Surface, pendant, post-top mounts available
- Precision die cast
- IP66 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- Prismatic Retractor
- Industrial grade
- Easy installation surface mount
- Architectural design with excellent performance
- **NOT AVAILABLE FOR CANADIAN MARKET**



GLL450 PENDANT SERIES



GLL450 POST SERIES



GLL450 CEILING SERIES

### OVERVIEW:

Die-cast (grade of aluminum) Aluminum with tempered glass lens or vandal resistant polycarbonate, utilizing stainless steel hardware. available in Type III, Type IV, Type V garage optics. Pendant, Surface, or post top mounting available.



### DIFFERENCE OF OPTICS .

The Seara offers a variety of optics, depending on the type of mounting and application. Amongst the common Type III and Type IV optics, there are two Type V optics: the flat surface (Type V-A) and the side wall surface (Type V-B). Examples of LED placement are on the next page. Type V-A and Type V-B optics are specific to the type of mounting.



Type V-B (5B) optics  
Pendant Mount with  
Tempered Flat Lens



Type V-A (5A) optics  
Pendant Mount with  
Polycarbonate Drop Lens



Type V-A (5A) optics  
Surface Mount with Tempered  
Flat Lens



Type V-A (5A) optics  
Surface Mount with  
Polycarbonate Drop Lens





### SPECIFICATION . PT POST MOUNT

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>GLL 450 POST MOUNT</b>										
4K	40W	36W	3545	88	150W	70	TYPE V-A	120-277	14.33	1
			4313	103			TYPE V-B			
	60W	54W	5474	90	TYPE V-A					
			6370	104	TYPE V-B					
	80W	70W	6759	82	TYPE V-A					
			7982	99	TYPE V-B					
	115W	102W	9360	80	TYPE V-A					
			11646	100	TYPE V-B					
5K	40W	36W	3545	88	150W	70	TYPE V-A	120-277V	14.33	1
			4569	108			TYPE V-B			
	60W	54W	5243	87	TYPE V-A					
			6452	105	TYPE V-B					
	80W	70W	6804	84	TYPE V-A					
			7920	98	TYPE V-B					
	115W	102W	10087	89	TYPE V-A					
			11641	99	TYPE V-B					

### BUILD YOUR ORDER SKU NUMBER

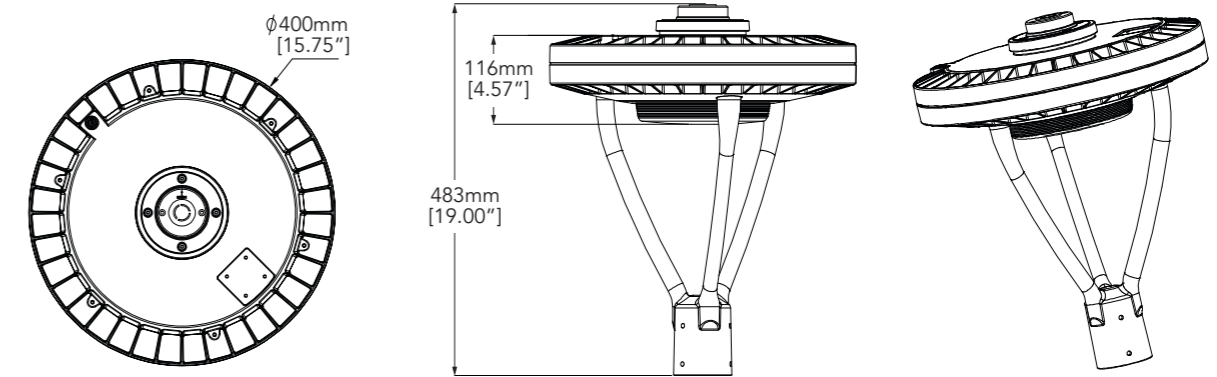
Sample **GLL450-80W-50K-V1-D-PC-5A-BZ-PT**

Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Electrical Optics*, *Housing Finish* and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for GLL450)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	ELECTRICAL OPTICS	HOUSING FINISH	MOUNTING	
GLL 450	80W	50K	V1	D	PC	5A	BZ	PT	
<b>BODY TYPE</b>	<b>MODEL</b>	40W 60W 80W 115W	30K = 3000K 40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V7 = 480V V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	T3 = TYPE III T4 = TYPE IV 5A = TYPE V-A 5B = TYPE V-B	BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	PT = Post

### LINE DRAWINGS . PT POST MOUNT

GLL 450 40W / 60W / 80W / 115W 15.75" x 19.00"

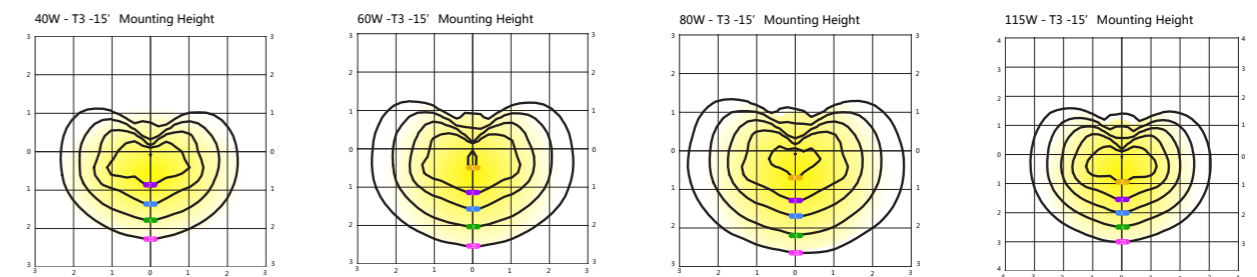


### PHOTOMETRY . PT POST MOUNT

.25 .50 1.0 2.0 5.0

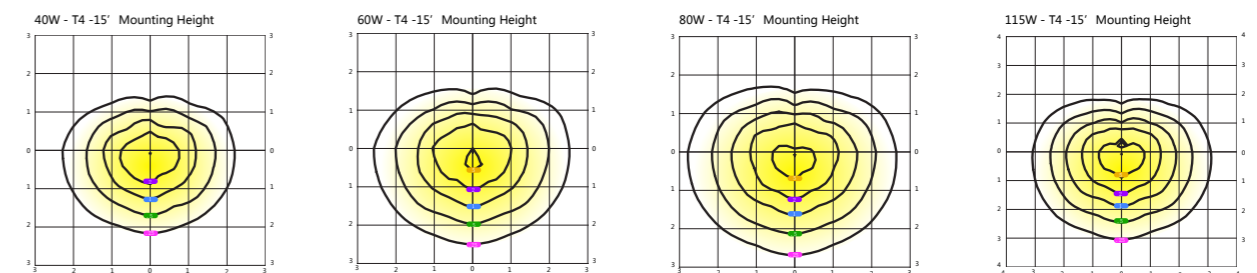
GLL 450 40W / 60W / 80W / 115W

TYPE III



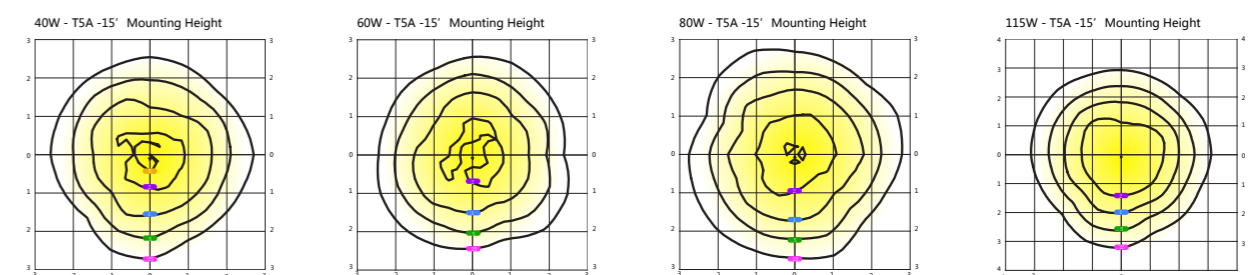
GLL 450 40W / 60W / 80W / 115W

TYPE IV



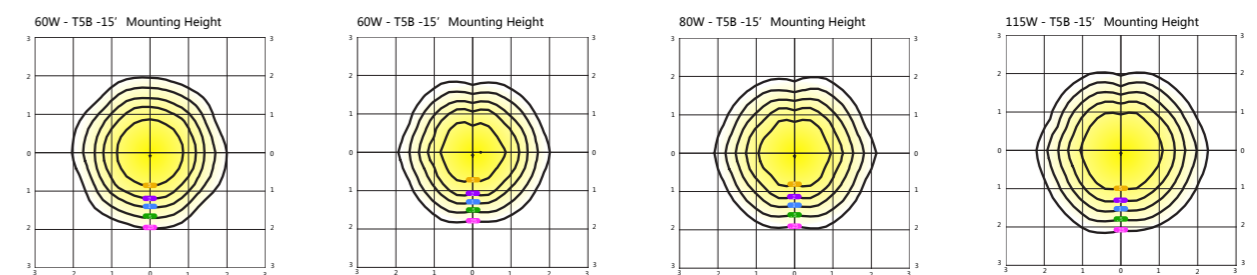
GLL 450 40W / 60W / 80W / 115W

TYPE V - A



GLL 450 40W / 60W / 80W / 115W

TYPE V - B

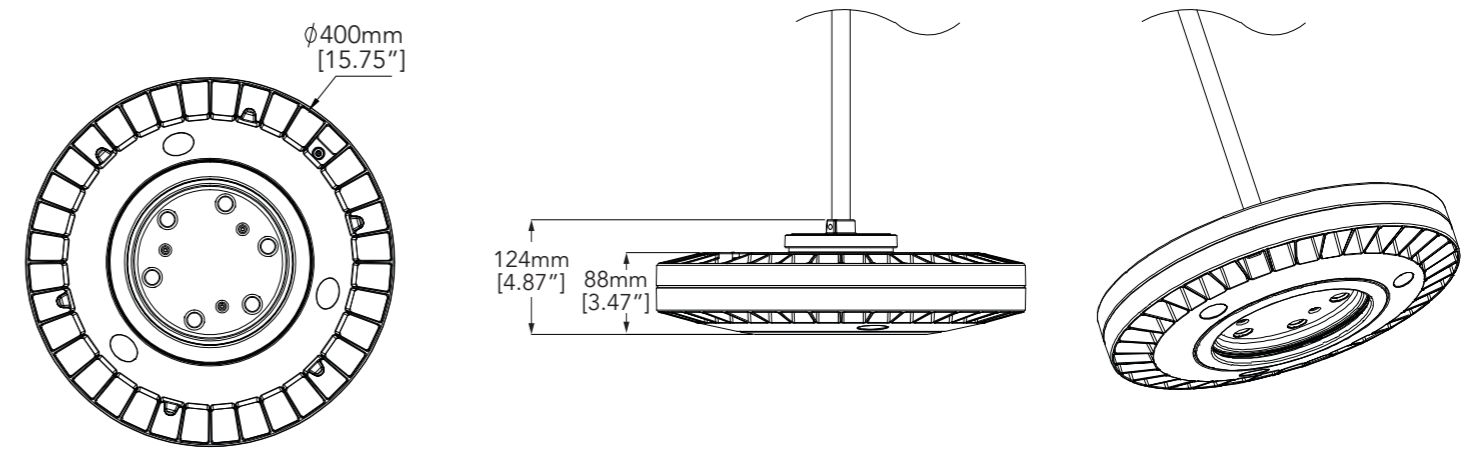




## LINE DRAWINGS . PM PENDANT MOUNT

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

GLL 450 40W / 60W / 80W / 115W 15.75" x 4.87"



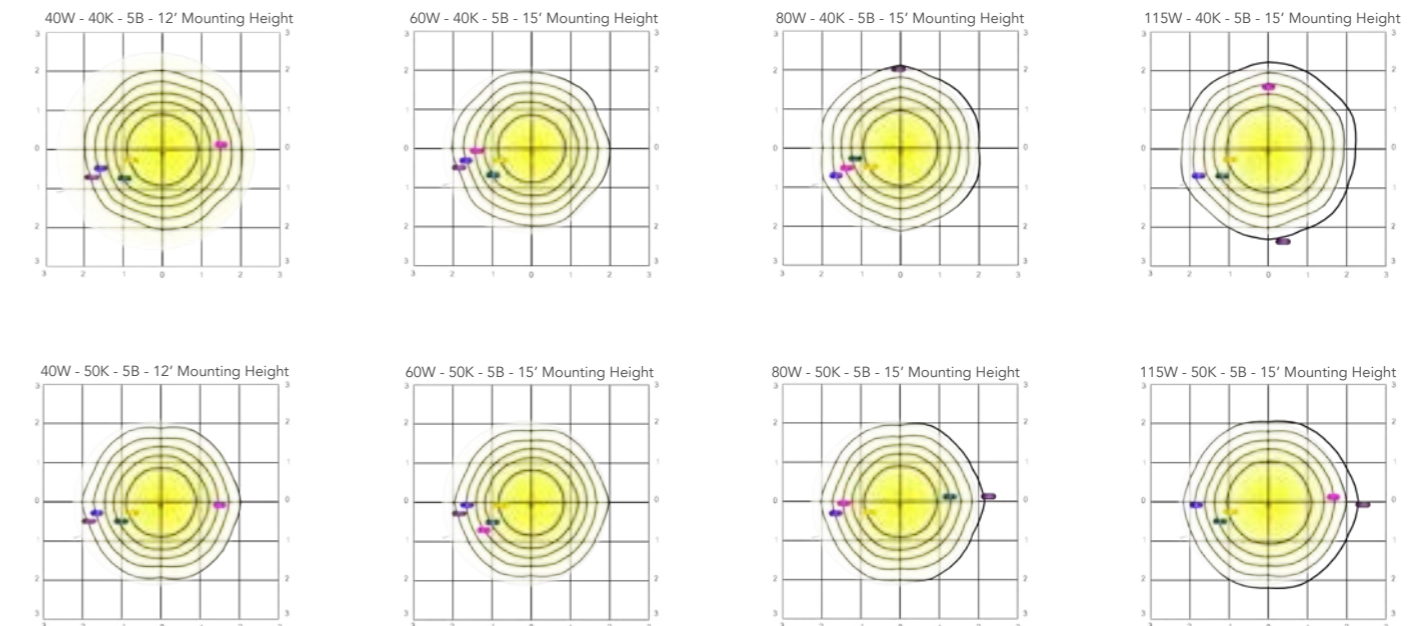
## SPECIFICATIONS . PM PENDANT MOUNT

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>GLL 450 PENDANT MOUNT</b>										
4K	40W	36W	5364	127	150W	70	TYPE V-B	120-277	14.33	1
	60W	54W	7522	121	200W					
	80W	70W	9226	114	250W					
	115W	102W	13704	118	400W					
5K	40W	36W	5041	120	150W	70	TYPE V-B	120-277V	14.33	1
	60W	54W	7128	116	200W					
	80W	70W	8552	106	250W					
	115W	102W	13420	114	400W					

## PHOTOMETRY . PM PENDANT MOUNT

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25 .50 1.0 2.0 5.0**

GLL 450 40W / 60W / 80W / 115W TYPE V - B



## BUILD YOUR ORDER SKU NUMBER

Sample **GLL450-80W-50K-V1-D-PC-5B-BZ-PM**

Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Electrical Optics*, *Housing Finish* and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for GLL450)*

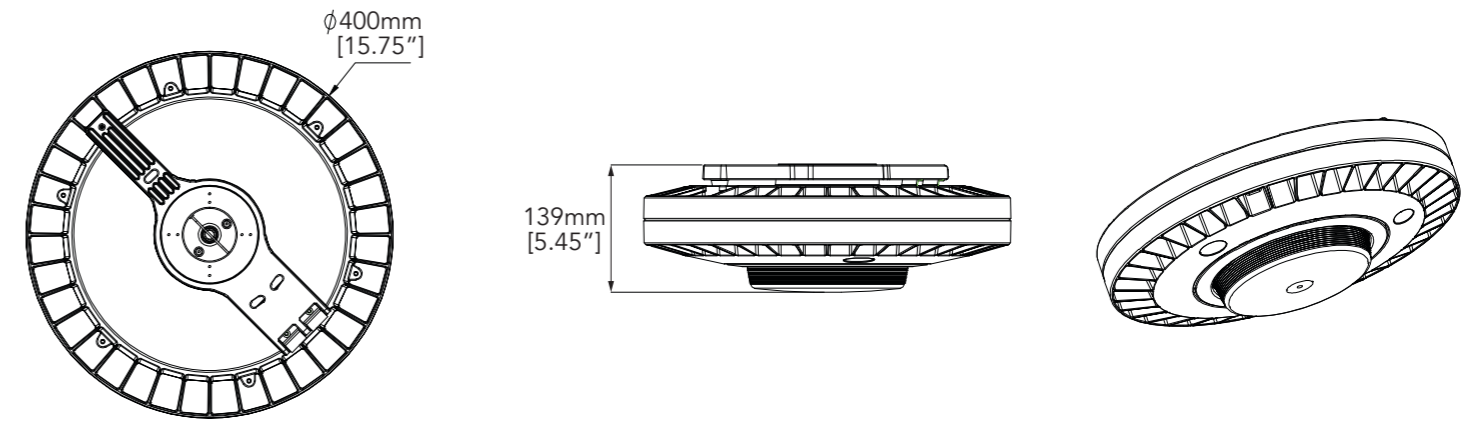
FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	ELECTRICAL OPTICS	HOUSING FINISH	MOUNTING
GLL 450	80W	50K	V1	D	PC	5B	BZ	PM
<b>BODY TYPE</b>	<b>MODEL</b>	40W 60W 80W 115W	30K = 3000K 40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V7 = 480V V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	5B = TYPE V-B BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	PM = Pendant



## LINE DRAWINGS . CM CEILING MOUNT

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

**GLL 450 40W / 60W / 80W / 115W 15.75" x 5.45"**



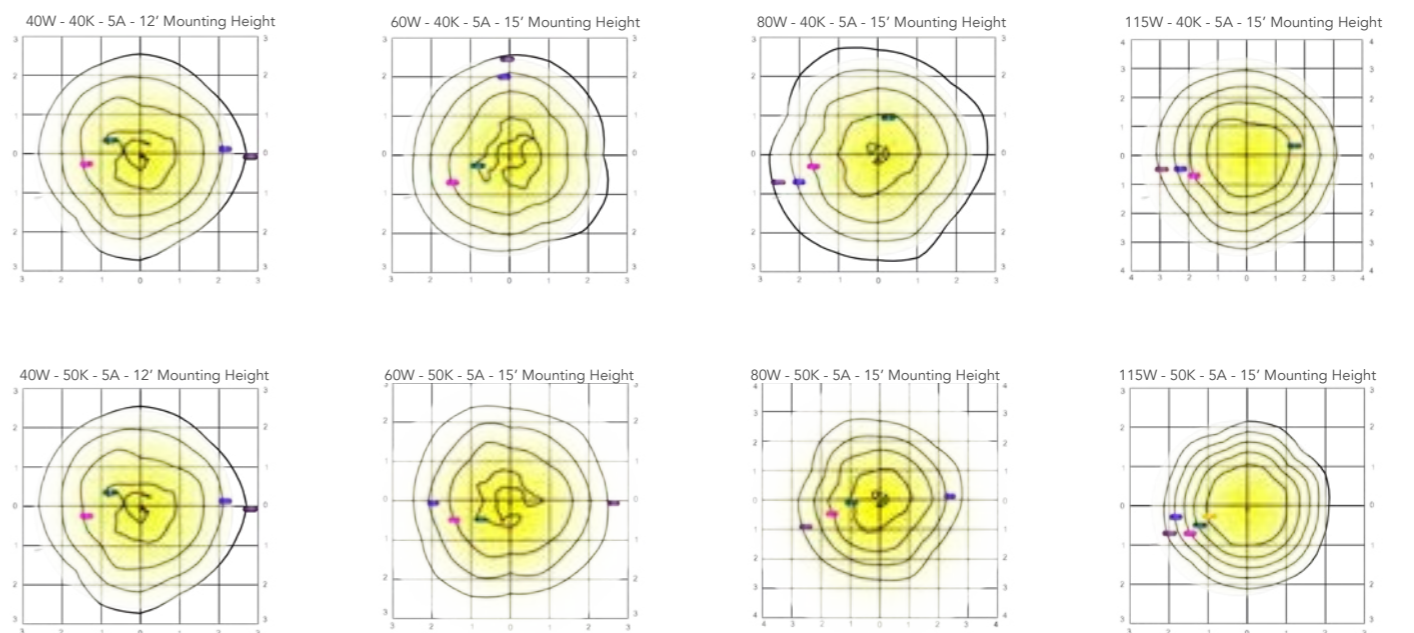
## SPECIFICATIONS . CM CEILING MOUNT

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>GLL 450 CEILING MOUNT</b>										
4K	40W	36W	3860	95	150W	70	TYPE V-A	120-277	14.33	1
	60W	54W	6000	99	200W					
	80W	70W	7706	93	250W					
	115W	102W	11055	96	400W					
5K	40W	36W	3929	97	150W	70	TYPE V-A	120-277V	14.33	1
	60W	54W	6112	101	200W					
	80W	70W	7782	94	250W					
	115W	102W	11264	99	400W					

## PHOTOMETRY . CM CEILING MOUNT

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25 .50 1.0 2.0 5.0**

**GLL 450 40W / 60W / 80W / 115W TYPE V - A**



## BUILD YOUR ORDER SKU NUMBER

Sample **GLL450-80W-50K-V1-D-PC-5A-BZ-CM**

Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, *Electrical Optics*, *Housing Finish* and *Mounting*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for GLL450)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	ELECTRICAL OPTICS	HOUSING FINISH	MOUNTING
GLL 450	80W	50K	V1	D	PC	5A	BZ	CM
<b>BODY TYPE</b>	<b>MODEL</b>	40W 60W 80W 115W	30K = 3000K 40K = 4000K 50K = 5000K	V1 = 120V V2 = 208V V3 = 220V V4 = 240V V5 = 277V V7 = 480V V8 = 120-277V	D = Dimming N = Non Dimming	PC = PhotoCell NA = None	5A = TYPE V-A BZ = Bronze BK = Black SL = Silver WH = White GY = Gray	CM = Ceiling





## TRADITIONAL . GARAGE / CANOPY



- Same footprint as traditional HID garage and canopy lights
- Premium brand LEDs (Samsung® or LG® chips depending on SKU) YG® driver technology
- Dimming option available
- Suitable for wet locations
- Precision die cast
- Chip and fade resistant powder coat finish in any color
- Prismatic Retractor
- Industrial grade.



CVL203 SERIES



CVL303 SERIES



CVL703 SERIES

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>CVL 203</b>										
4K	20W	18W	1878	102	100W	80	N/A	120-277	6.06 lbs.	8
5K	20W	18W	1837	97	100W	80	N/A	120-277	6.06 lbs.	8
<b>CVL 303</b>										
4K	35W	30W	3465	105	175W	80	N/A	120-277	8.15 lbs.	4
	50W	45W	5255							
	70W	62W	7157							
5K	35W	30W	3596	106	175W	80	N/A	120-277	8.15 lbs.	4
	50W	45W	5197							
	70W	62W	7308							
<b>CVL 703</b>										
4K	35W	30W	3597	109	175W	80	N/A	120-277	13.91 lbs.	1
	50W	45W	5427							
	70W	62W	7391							
5K	35W	30W	3433	100	175W	80	N/A	120-277	13.91 lbs.	1
	50W	45W	5304							
	70W	62W	7538							

### BUILD YOUR ORDER SKU NUMBER

Sample **CVL303-70W-40K-V1-D-PC-BZ**

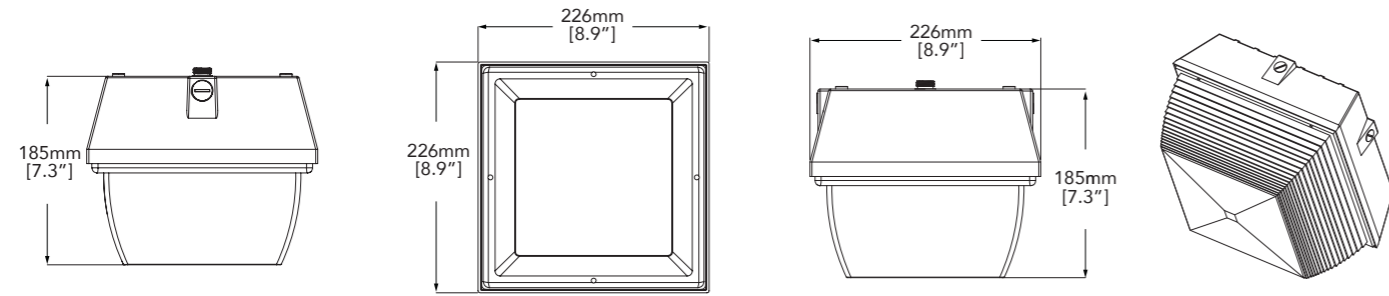
Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for CVL203/303/703)*

FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH
<b>CVL 303</b>	<b>70W</b>	<b>40K</b>	<b>V1</b>	<b>D</b>	<b>PC</b>	<b>BZ</b>
<b>BODY TYPE</b>	203	40K = 4000K	V1 = 120V	D = Dimming	PC = Photocell	BZ = Bronze
	303		V2 = 208V			
	703	50K = 5000K	V3 = 220V	N = Non Dimming	NA = None	BK = Black
			V4 = 240V			
			V5 = 277V			SL = Silver
			V6 = 347V (Canada Only)			WH = White
			V7 = 480V			GY = Gray
			V8 = 120-277V			

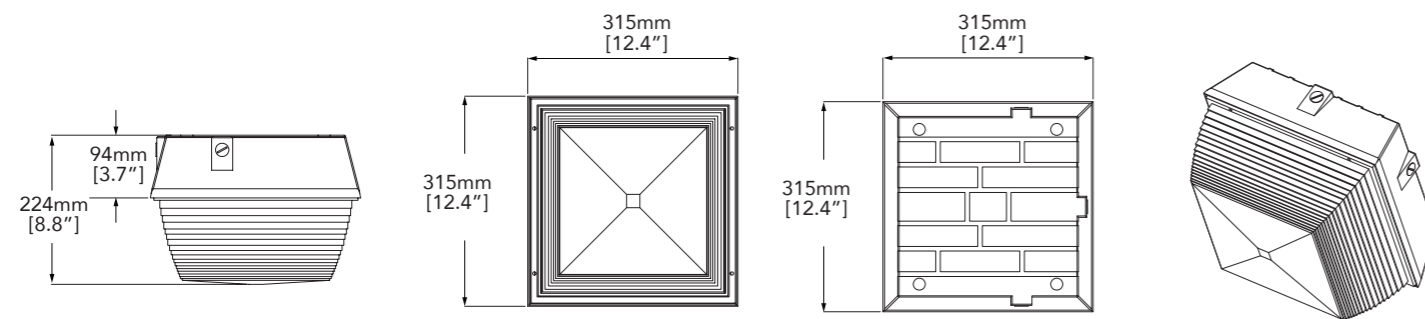
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

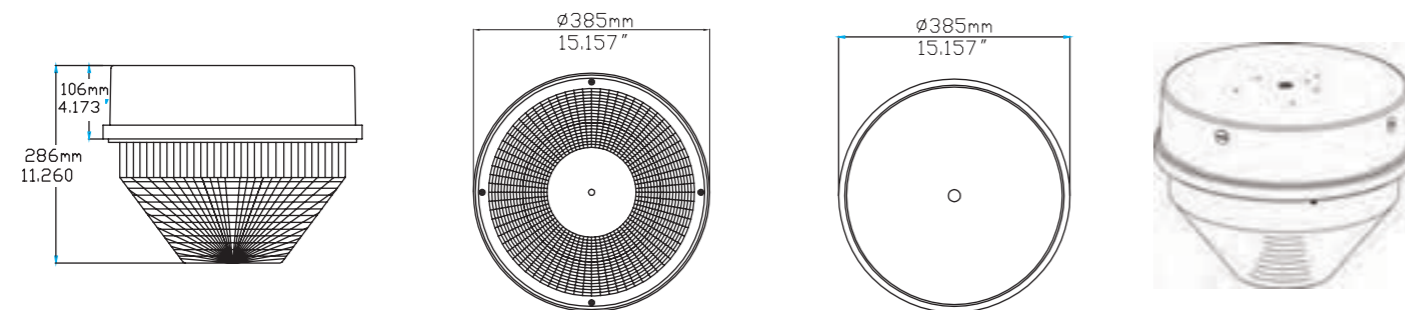
### CVL 203 20W 8.90" x 8.90" X 7.30"



### CVL 303 35W / 50W / 70W 12.40" x 12.40" X 8.80"



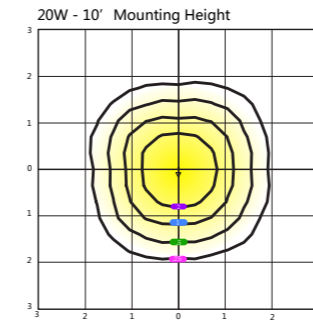
### CVL 703 35W / 50W / 70W 15.15" x 11.26"



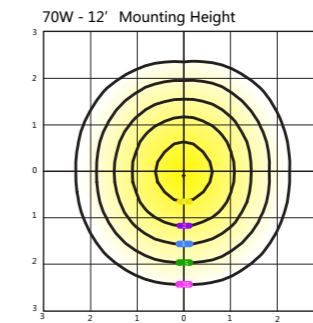
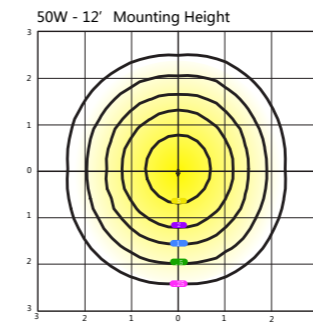
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

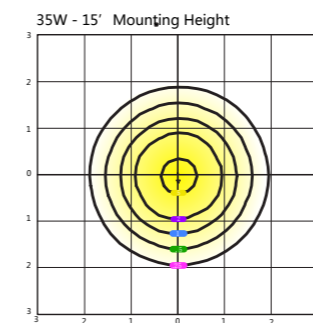
### CVL 203 20W



### CVL 303 35W / 50W / 70W



### CVL 703 35W / 50W / 70W





## LOW PROFILES . CANOPY LIGHT

- New low profile design with traditional canopy light styling
- Premium brand LEDs (Samsung® or LG® chips depending on SKU) YG® driver technology
- Dimming option available
- Suitable for wet locations
- Precision die cast
- Chip and fade resistant powder coat finish in any color
- Prismatic Retractor
- Industrial grade



CVL403 SERIES



CVL503 SERIES

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>CVL 403</b>										
4K	20W	18W	1635	89	100W	80	N/A	120-277	4.40 lbs.	4
5K	20W	18W	1720	93	100W	80	N/A	120-277	4.40 lbs.	4
<b>CVL 503</b>										
4K	35W	30W	2966	89	125W	80	N/A	120-277	7.60 lbs.	4
	50W	45W	4261	87	175W					
	70W	62W	5806	86						
5K	35W	30W	3117	93	175W	80	N/A	120-277	7.60 lbs.	4
	50W	45W	4578		200W					
	70W	62W	6232		92					

### BUILD YOUR ORDER SKU NUMBER

Sample **CVL503-70W-40K-V1-D-PC-BZ**

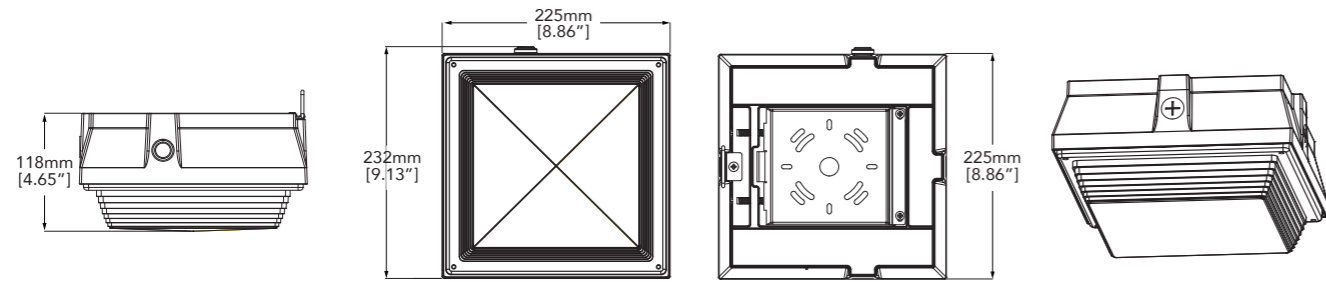
Begin your customized order with the fixture *Body Type* and *Model* Number. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for CVL203/303/703)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	HOUSING FINISH
	CVL 503	70W	40K	V1	D	PC	BZ
BODY TYPE	403	20W	40K = 4000K	V1 = 120V	D = Dimming	PC = Photocell	BZ = Bronze
	503	35W	50K = 5000K	V2 = 208V	N = Non Dimming	NA = None	BK = Black
		50W		V3 = 220V			SL = Silver
		70W		V4 = 240V			WH = White
				V5 = 277V			GY = Gray
				V6 = 347V (Canada Only)			
				V7 = 480V			
				V8 = 120-277V			

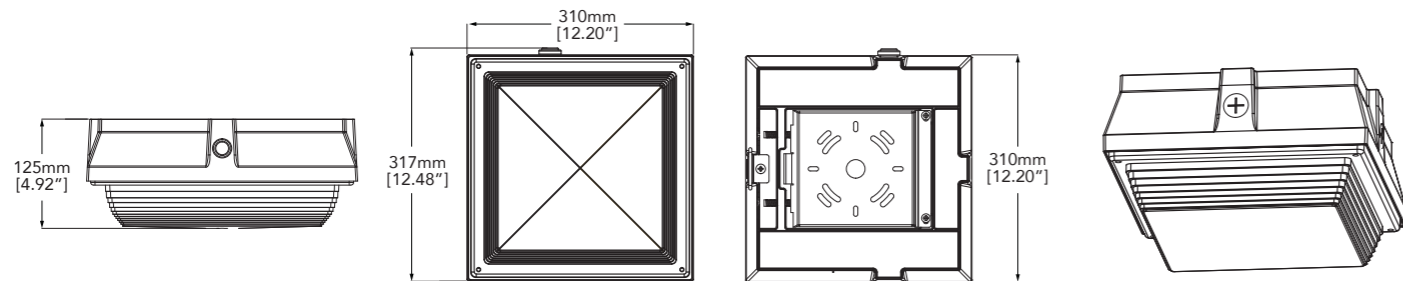
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

### CVL 403 20W 9.13" x 8.86" X 4.65"



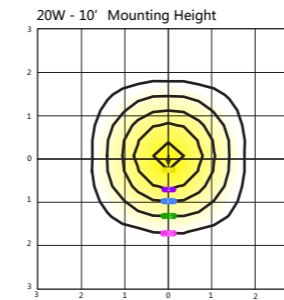
### CVL 503 35W / 50W / 70W 12.48" x 12.20" X 4.92"



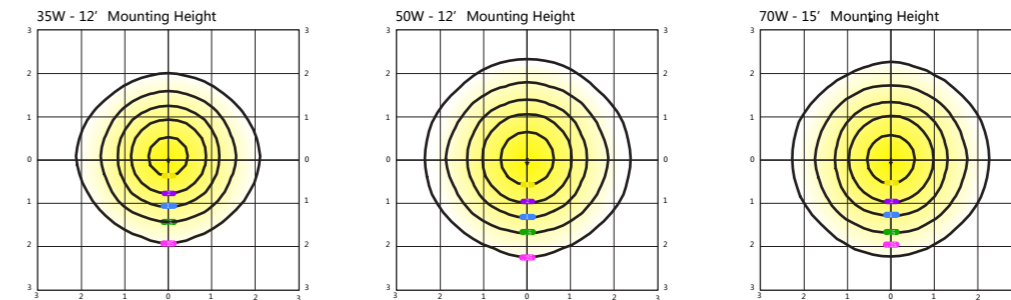
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

### CVL 403 20W



### CVL 503 35W / 50W / 70W





TRO222 SERIES

## THE LYRA . LED TROFFERS



- Single and double basket style troffer
- High efficiency, drop-in replacement of fluorescent troffers
- 1x4, 2x2, and 2x4 sizes available
- Dimming option available
- Easy fold-out clips for t-bar mount
- Multiple CCT available



TRO141 SERIES



TRO221 SERIES



TRO241 SERIES



TRO242 SERIES

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>TRO 141</b>									
4K	25W	22W	2438	105	70W	80	120-277	10 lbs.	1
	40W	36W	3557	92	100W				
<b>TRO 221</b>									
4K	25W	22W	2343	100	70W	80	120-277	8 lbs.	1
	40W	36W	3403	89	100W				
<b>TRO 222</b>									
4K	25W	22W	2360	101	70W	80	120-277	9 lbs.	1
	40W	36W	3431	91	100W				
<b>TRO 241</b>									
4K	40W	36W	4020	113	100W	80	120-277	18 lbs.	1
	50W	45W	5244	105	150W				
	70W	62W	6928	96	200W				
<b>TRO 242</b>									
4K	40W	36W	4273	116	100W	80	120-277	19 lbs.	1
	50W	45W	5418	106	150W				
	70W	62W	6987	97	200W				

### BUILD YOUR ORDER

Sample **TRO241-40W-35K-V1-D-WH**

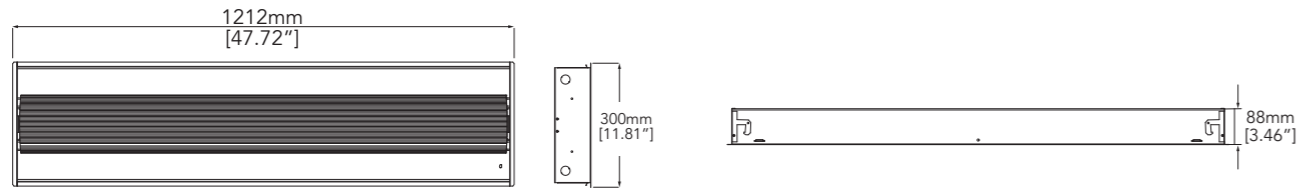
Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for TRO221/222/241/242)*

	FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	HOUSING FINISH
BODY TYPE	TRO 241	40W	40K	V1	D	BZ
	141	25W	35K = 3500K	V1 = 120V	D = Dimming	WH = White
	221	40W	40K = 4000K	V8 = 120-277V	N = Non Dimming	
	222	50W	50K = 5000K			
	241	70W				

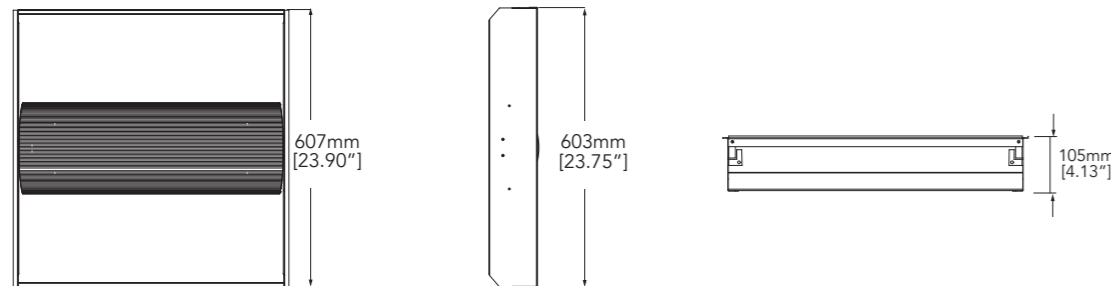
## LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

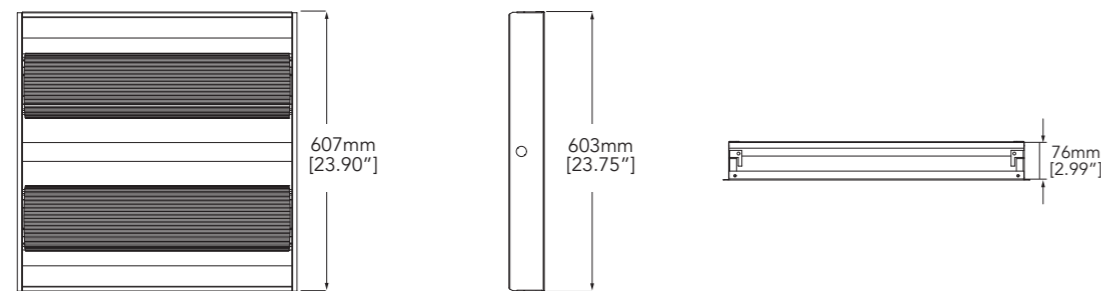
**TRO 141 25W / 40W 47.72" x 11.81" X 3.46"**



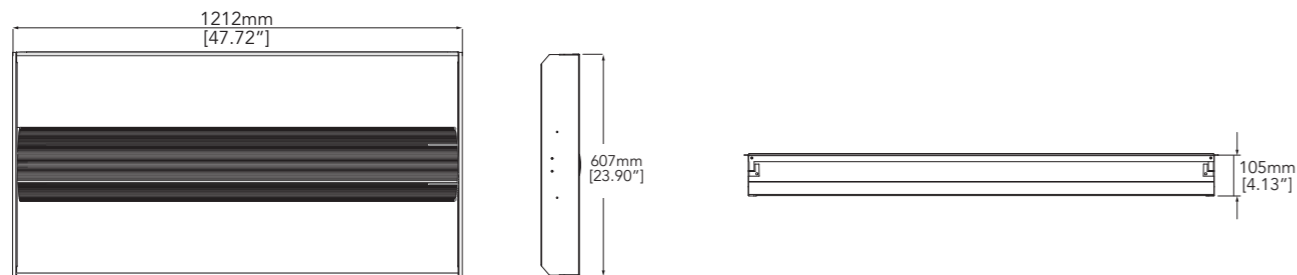
**TRO 221 25W / 40W 23.90" x 23.75" X 4.13"**



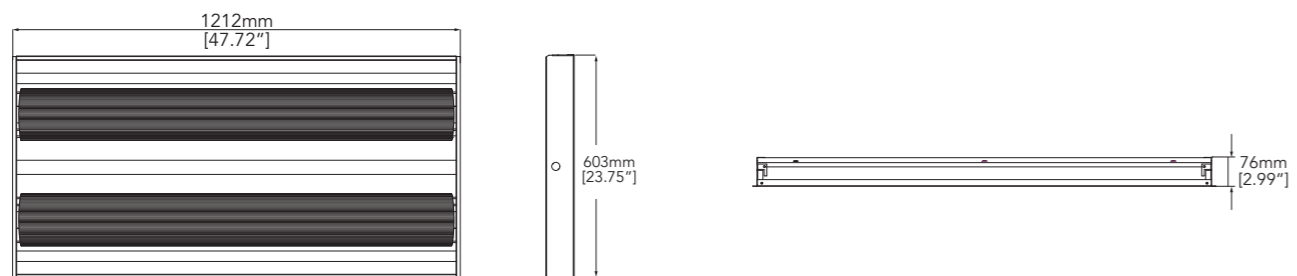
**TRO 222 25W / 40W 23.90" x 23.75" X 2.99"**



**TRO 241 40W / 50W / 70W 47.72" x 23.90" X 4.13"**



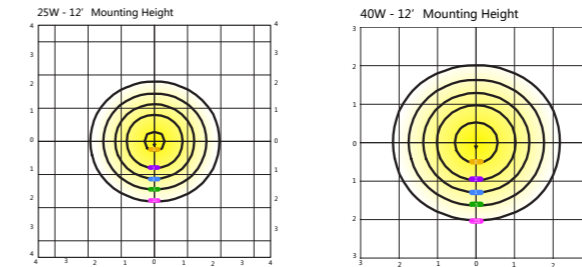
**TRO 242 40W / 50W / 70W 47.72 x 23.75 X 2.99**



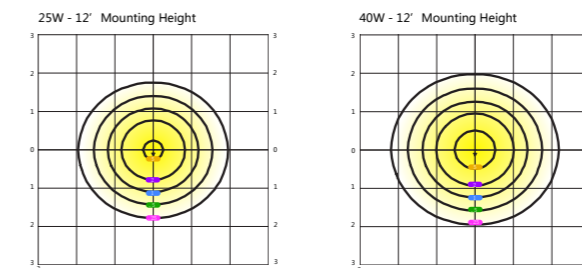
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

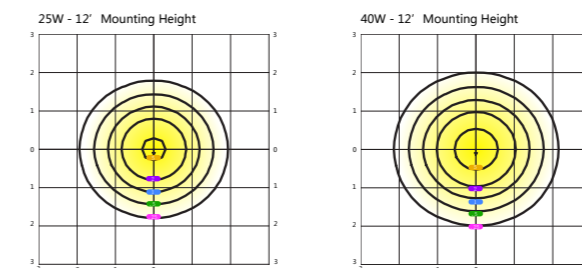
**TRO 141 25W / 40W**



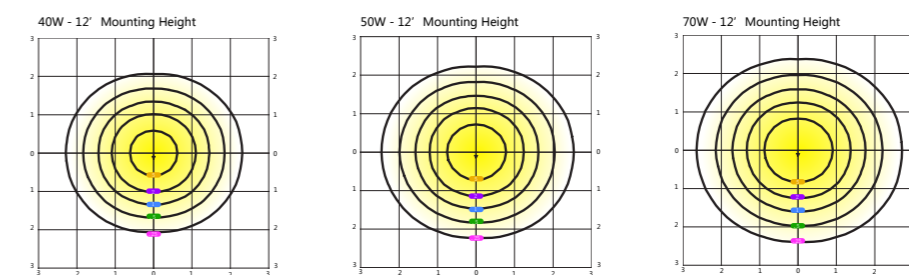
**TRO 221 25W / 40W**



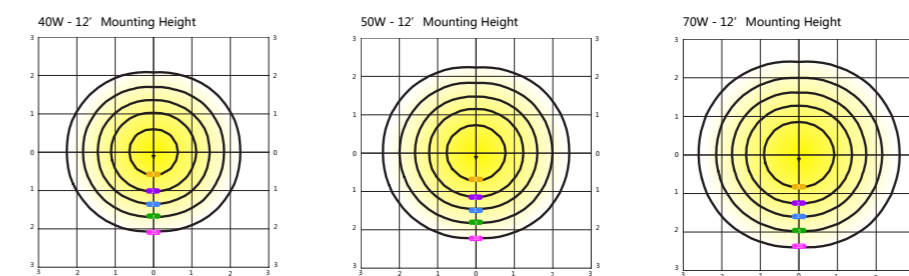
**TRO 222 25W / 40W**



**TRO 241 40W / 50W / 70W**



**TRO 242 40W / 50W / 70W**





## DOCK LIGHT . MULTI-PURPOSE LIGHT



- Philips® Lumileds LED's and YG® driver technology
- Individual optics for controlled beam
- Precision die cast
- Optional Wall mount arm with different lengths (42" and 60")
- IP66 rated fixture for outdoor use
- Chip and fade resistant powder coat finish in any color
- **NOT AVAILABLE FOR CANADIAN MARKET**

### SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS	VOLTAGE (VAC)	WEIGHT (LBS.)	MASTER PACK QUANTITY
<b>DLL 320</b>										
4K	14W	13W	1193	85	100W	65	Actual Angle Beam	120-277	4.46 lbs.	6
	18W	16W	1568	88						
	23W	20W	1966	85						
5K	14W	13W	1200	86	100W	65	Actual Angle Beam	120-277	4.46 lbs.	6
	18W	16W	1600	89						
	23W	20W	2000	87						

### BUILD YOUR ORDER SKU NUMBER

Sample

DLL320-14W-40K-V1-YE-42

Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for DLL320)*

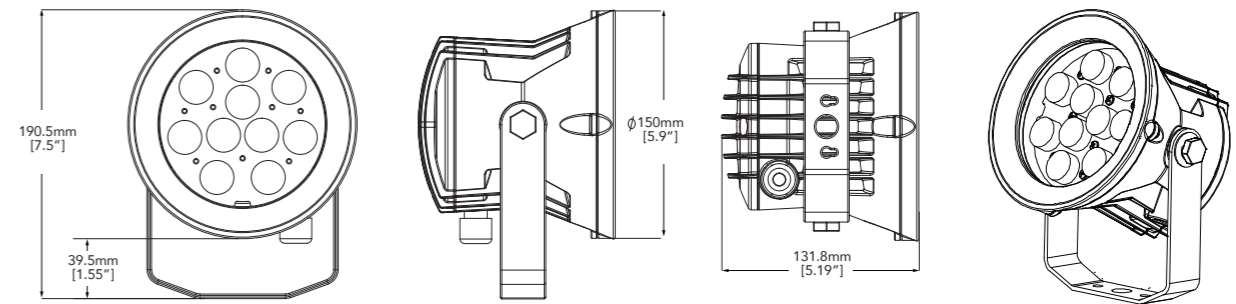
FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	HOUSING FINISH	MOUNTING
DLL 320	14W	40K	V1	YE	42
<b>BODY TYPE</b>	<b>MODEL</b>	14W 18W 23W	40K = 4000K 50K = 5000K	V1 = 120V V8 = 120-277V	BZ = Bronze BK = Black SL = Silver WH = White YE = Yellow GY = Gray
					42 = 42" Arm 60 = 60" Arm NA = None



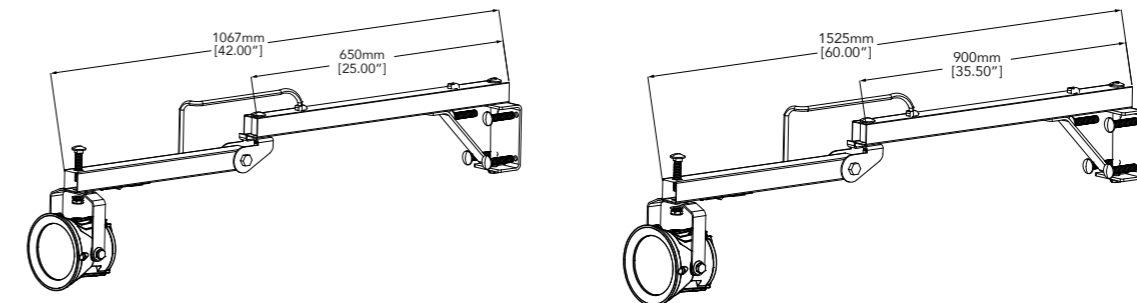
DLL320-23W / 42ARM

### LINE DRAWINGS .

DLL 320 14W / 18W / 23W 7.50" x 5.90" x 5.19"

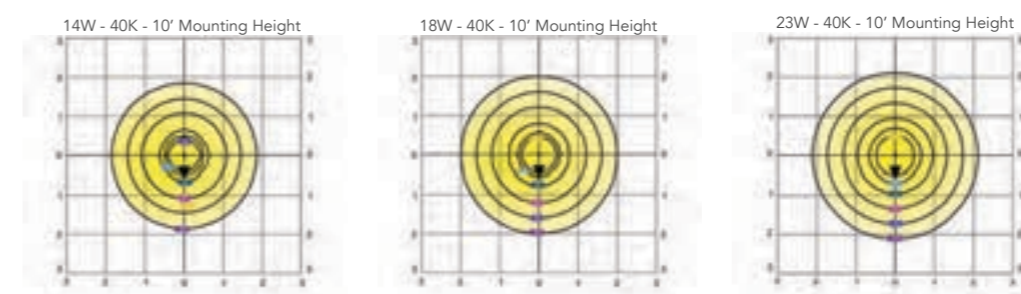


DLL 320 42ARM / 60ARM 42.00" x 1.55" x 5.00" / 60.00" x 1.55" x 5.00"



### PHOTOMETRY . .25 .50 1.0 2.0 5.0

DLL 320 14W / 18W / 23W





## VAPOR PROOF . MULTI-PURPOSE LIGHT



- Designed for excellent thermal management
- Philips® LumiLeds or Citizen® LED's and YG® driver technology
- Dimming option available
- Precision die cast
- Vapor proof ceiling, pendant, and wall mount available for variety of applications
- Multiple lens and guard configurations available
- IP66 rated fixture for outdoor use
- Aluminum sand blast finish
- NOT AVAILABLE FOR CANADIAN MARKET



VPL PENDANT SERIES



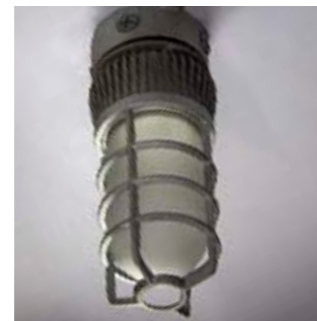
VPL CEILING SERIES



VPL WALL SERIES



VPL PENDANT GUARD SERIES



VPL CEILING GUARD SERIES



VPL WALL GUARD SERIES

## SPECIFICATIONS .

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	VOLTAGE (VAC)	WEIGHT (LBS.)	MOUNT	MASTER PACK QUANTITY
<b>VPL</b>										
4K	14W	13W	952	70	100W	65	120-277	2.95 lbs.	Pendant	6
									Ceiling	
									Wall	
								4.74 lbs.	Ceiling Guard	
									Pendant Guard	
									Wall Guard	
5K	14W	13W	1182	84	120W	65	120-277	2.95 lbs.	Pendant	6
									Ceiling	
									Wall	
								4.74 lbs.	Ceiling Guard	
									Pendant Guard	
									Wall Guard	

### BUILD YOUR ORDER SKU NUMBER

Sample

VPL-14W-40K-V8-GG-SB-PM

Begin your customized order with the fixture *Body Type* and *Model Number*. Select your *System Wattage* and *CCT* of choice. Next, the *Voltage*, *Dimming Option*, *Electrical Photocell*, and *Housing Finish*. If this Fixture doesn't have any options, leave it blank and move onto the next available option. An example of a completed custom sku number is provided below: *(This order form is only for VPL14)*

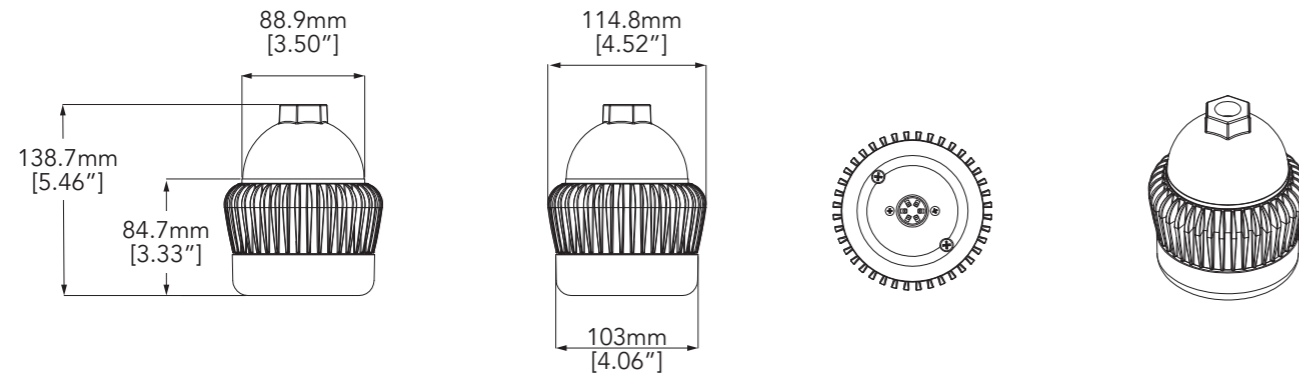
FIXTURE	SYSTEM WATTAGE	CCT	VOLTAGE	MECHANICAL ACCESSORY	HOUSING FINISH	MOUNTING
VPL	14W	40K	V8	GG	SB	PM
<b>BODY TYPE</b>	<b>MODEL</b>	14W	40K = 4000K 50K = 5000K	V1 = 120V V8 = 120-277V	CP = Clear Polycarbonate FP = Frost Polycarbonate GG = Glass Guard FG = Frost Guard	SB = Sand Blast PM = Pendant CM = Ceiling WM = Wall



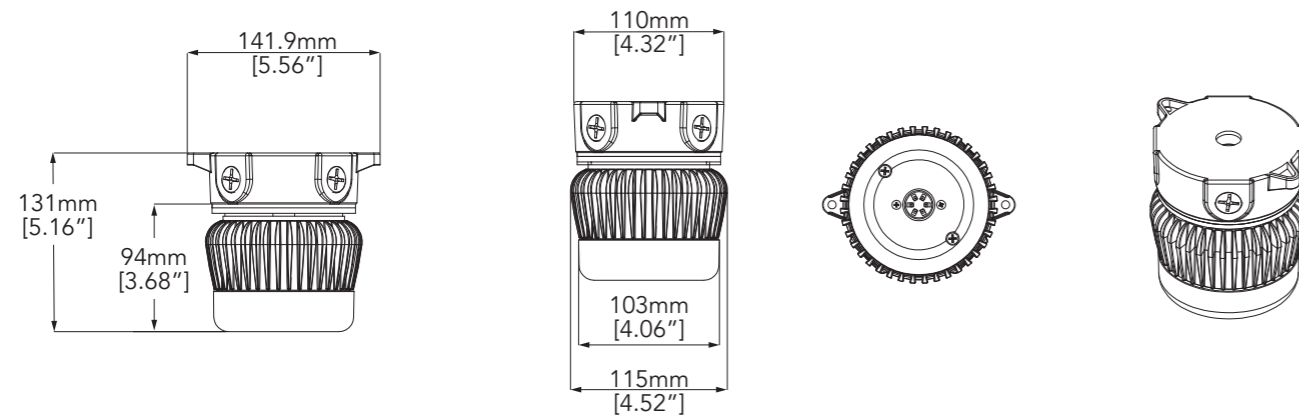
### LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

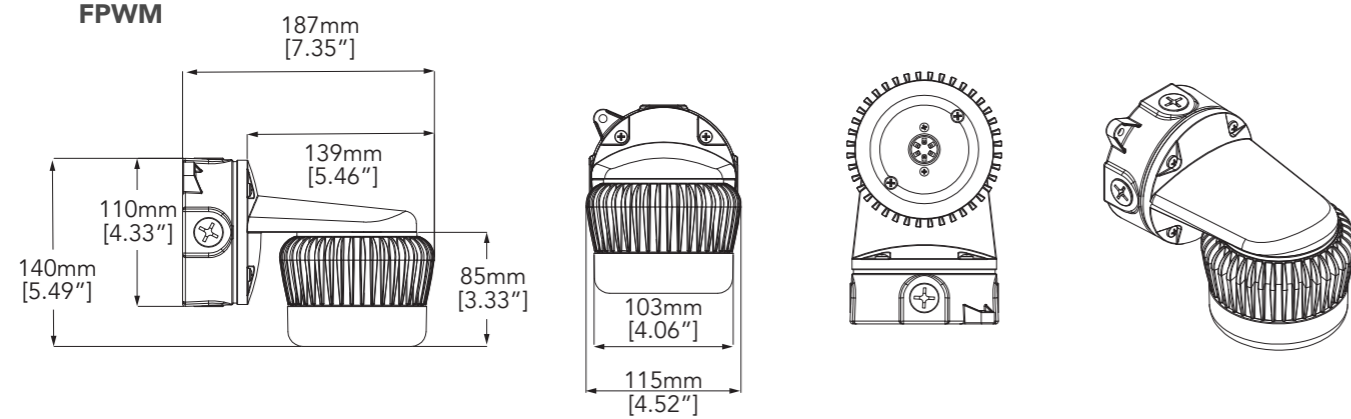
**VPL CPPM 14W FPPM** 4.52" x 5.46"



**VPL CPCM 14W FPCM** 4.52" x 5.16"



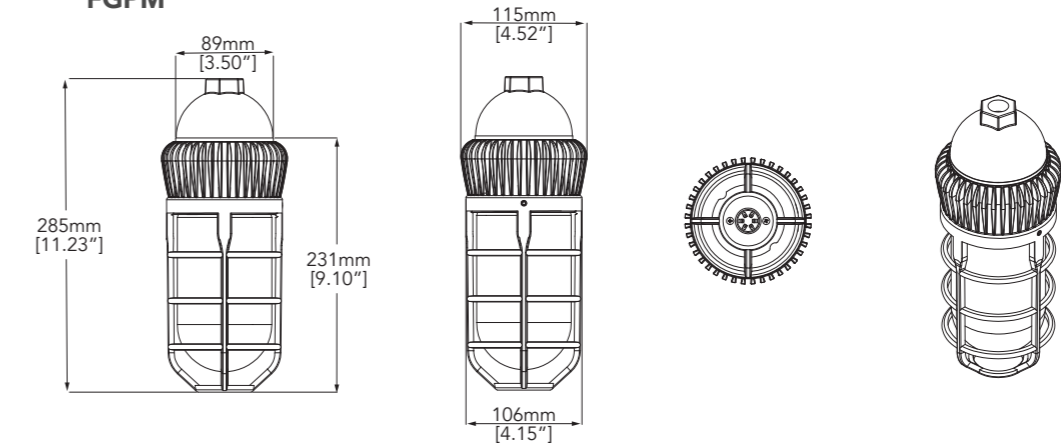
**VPL CPWM 14W FPWM** 4.52" x 5.49" X 7.35"



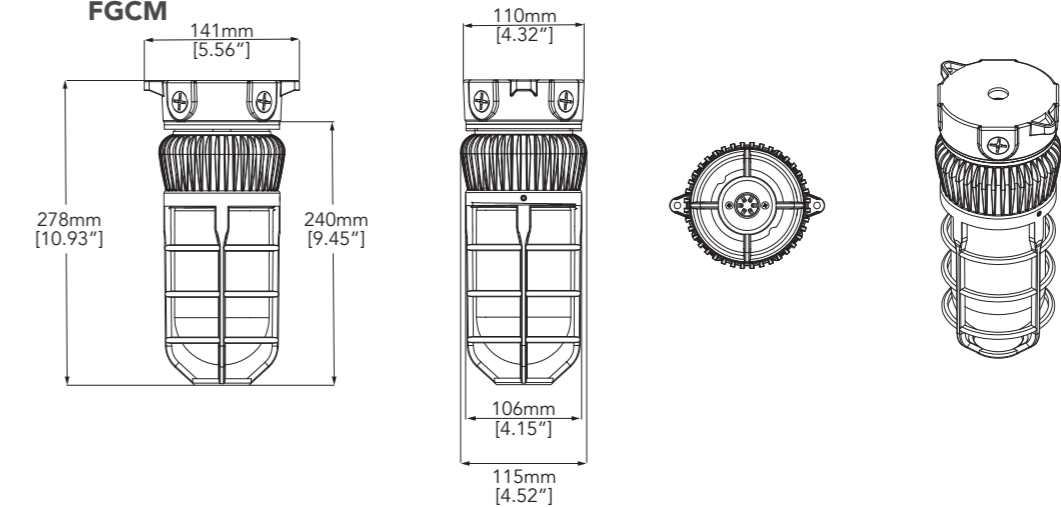
### LINE DRAWINGS .

All line drawings are measured by Length, Width, and Depth of the Fixture. The Length is usually the longest unit of measure per fixture, followed by the width. The depth is measured depending on the mounting option of the fixture. Therefore, measurements for each fixture will vary between its Length, Width, and Depth.

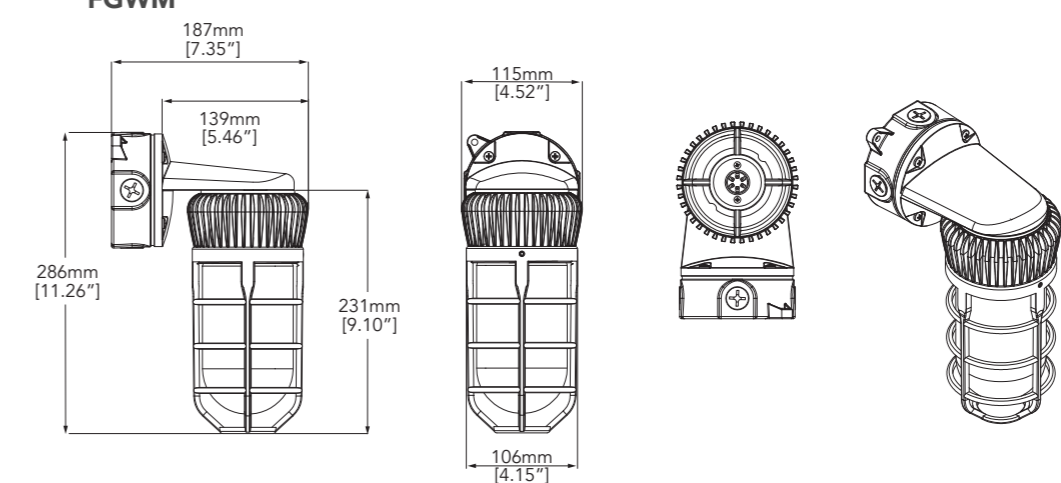
**VPL GGPM 14W FGPM** 4.52" x 11.23"



**VPL GGCM 14W FGCM** 4.52" x 10.93"



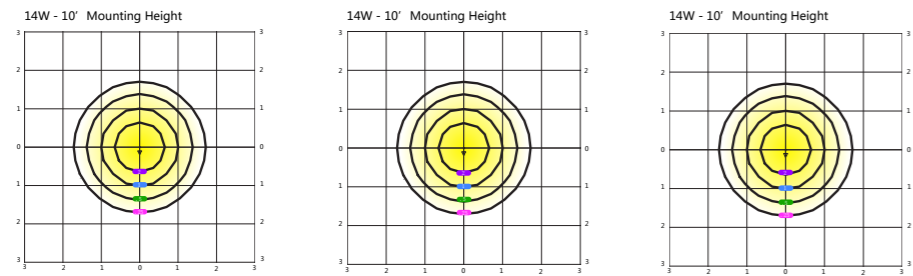
**VPL GGWM 14W FGWM** 4.52" x 11.26" X 7.35"



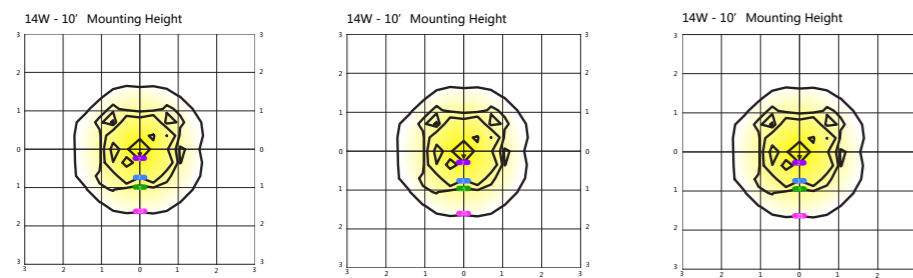
## PHOTOMETRY .

Each unit within the graph represents the Mounting Height in Feet. Multiply the unit to get the proper Mounting Height distance. For example, If mounting height is 12', unit 1 equals 12', unit 2 equals 24'. The colorful units within the photometric chart represents the foot candle. **.25** **.50** **1.0** **2.0** **5.0**

### VPL CPPM / CPPM / CPWM



### VPL GGPM / GGPM / CPWM



VPL14 GGCM SERIES



## THE LAINE . BOLLARD LIGHT

- Premium brand LEDs (Samsung® or LG® chips depending on SKU) YG® driver technology
- Dimming option available
- Suitable for wet locations
- Precision die cast
- Chip and fade resistant powder coat finish in any color
- Prismatic Retractor
- Industrial grade
- Tough solid construction.
- 20W and 40W option available
- 500 to 3000 estimated lumens.
- 3000K to 4000K CCT available
- Multiple Top Covers available, including: Round, Square, and Cone.



## READY TO EXPAND?

LET US HELP YOU WITH YOUR NEXT PRODUCT LINE.

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