



by signify

Floodlighting

DuraForm LED



**Get the most**  
**out of your time**  
**and money**

# Stay on budget, without compromising

**You already know that switching to LED lighting saves you money, but DuraForm brings a lot more to the table.**

This floodlight family helps you stay on budget without compromising quality or performance. Its rugged design and wide variety of lumen ranges, optical distributions, and mounting options make it ideal for the diverse and unique application needs of utilities and DOTs.





# DuraForm

an affordable  
solution to meet all  
of your floodlighting  
requirements

- Three sizes to provide the right light for your needs
- Three mounting options for a variety of applications
- Rugged construction to stand up to harsh environments
- Low profile design blends in with surroundings
- DLC Standard and DLC Premium configurations available



# Stop servicing and start saving

## Ease your mind and simplify your job

Compatible with existing infrastructure, DuraForm allows a one for one replacement of HID luminaires, sometimes without even having to change the mounting. Cost savings also add up with fast, simple and safe installation, partnered with significantly less and easier servicing than traditional products.

On the off chance that DuraForm doesn't have the exact options you need, rest assured that we'll work with you through our "Engineered to Order" program. See p. 12 for more details.

For further peace of mind, these luminaires are also backed by our exclusive Service Tag, which includes quick registration, access to luminaire configurations, and spare parts identification, for assistance throughout the life of the product.





## Choose durability

- Die-cast aluminum housing for maximum durability
- IP66 rated luminaire protects against dust and moisture for optimum performance
- Tempered glass lens with IK09 impact rating
- Excellent thermal dissipation with built in heat sink optimizes efficiency and lifetime
- Meets ANSI C136.31-2018 Vibration specifications (see specification sheets for details)
- Rated for ambient temperatures from -40° to +40° or +50°C
- 10kV/10kA surge suppression is standard, 20kV/10kA surge suppression optional
- Multiple finish options with 3000 hour salt fog testing



# Satisfy your diverse customers



## No matter the project, DuraForm can do the job

DuraForm's full range of sizes and distribution options make it an ideal choice for many applications, from sub-stations, field office buildings and work yards to highway rest stops and industrial areas. We understand that sensitivity to the community and surrounding neighborhoods is important, so DuraForm provides comfortable lighting with less glare and less wasted light than other products. Quality illumination can also help make areas feel safer and discourage trespassing or vandalism.

### Features

- Lumen output ranges from 2,600 – 54,600
- Efficacies up to 138 lumens per watt
- Yoke, Slip Fitter with cord or with wiring through Slip Fitter
- Four distributions: NEMA 3x3, 7x4, 7x5, and 6x5
- Three position terminal block standard
- Tool-less latches or vandal proof access options available
- Field installable shielding options control spill light
- Multiple control options range from simple to advanced







# See for yourself

## 1 Accessory mounting

Shields and Visors can be easily installed in the field

## 2 LEDs + optics

High performance optics optimized for maximum spacing, target lumens and lighting uniformity

## 3 Tool-less latches optional

Allows easy access, operable while wearing protective electrical gloves

## 4 Adjustable aiming

Fully adjustable, durable brackets with integral aiming marks facilitate flexible and easy aiming

## 5 Lens

Tempered glass lens with IK09 impact rating

## 6 Gasketing

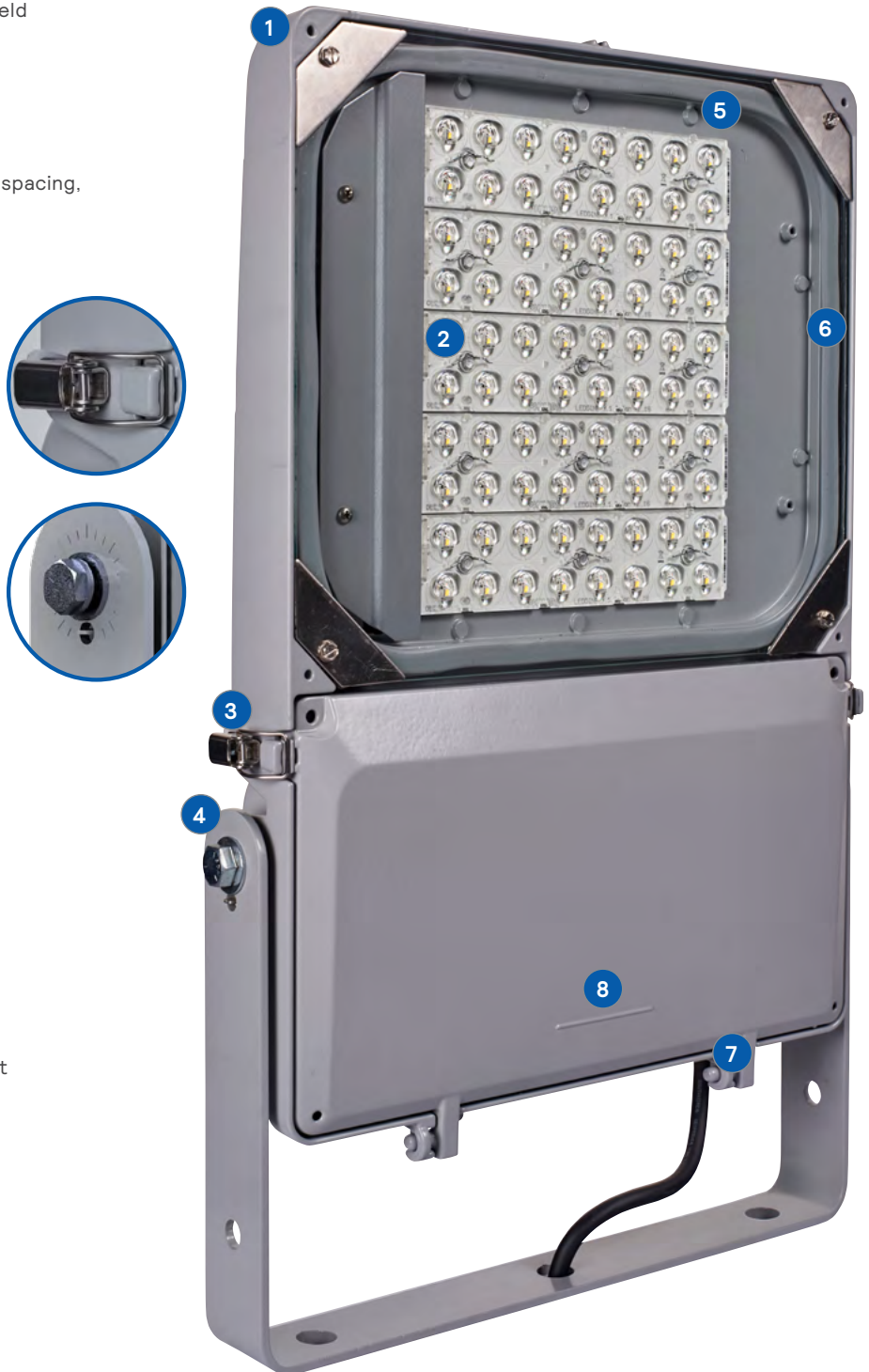
Optical chamber gasketed for IP66 seal

## 7 Hinged door frame

Allows for easy access to electrical compartment

## 8 Cast-in alignment guide

For ANSI wattage and source label





## Twist-lock receptacle

Optional tool-less Twist-lock 7-pin receptacle (TT7)



## 9 Cast-in sight

Enables easy aiming day or night

## 10 Driver

Mounted for optimal heat dissipation

## 11 Surge suppression

10kV/10kA standard, 20kV/10kA optional

## 12 Field Adjustable Wattage Selector (FAWS)

Optional, allows for output to be changed in the field

## 13 Terminal block

Standard on all DuraForm luminaires

## 14 Tethered door

Tethered door provides additional security

## 15 IP66 Rated luminaire

Gaskets weatherproof the interior

## 16 Service Tag

QR code labels allow for ease of maintenance and tracking



# Mounting, Options & Accessories

Yoke Mount



Slip Fitter with External Cord



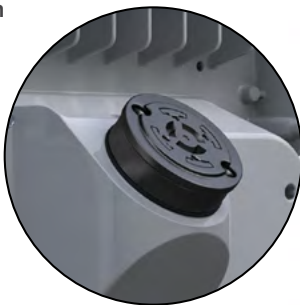
Slip Fitter with Internal Wiring



Tool-less Latches (TOL)



Twist-lock 7-pin Receptacle (TT7)



Visor  
Top or  
Bottom



Glare Shield  
Left or  
Right



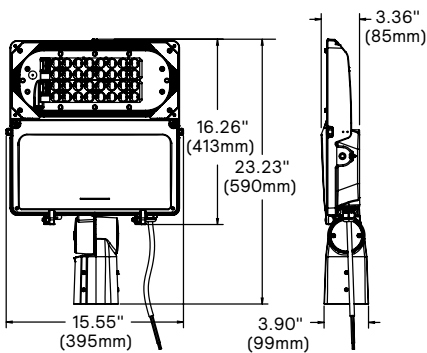
Wire Guard



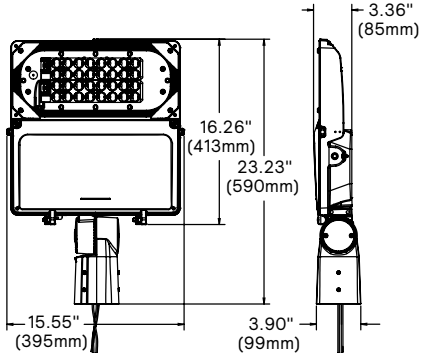


# Dimensions

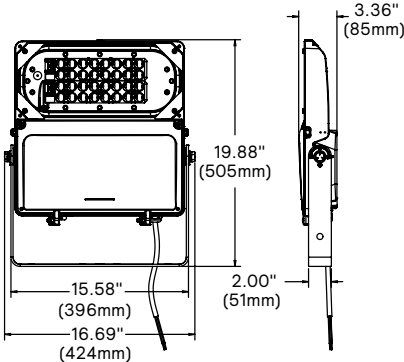
## DuraForm small FLDS



Luminaire weight: 19 lbs (8.6 kg)

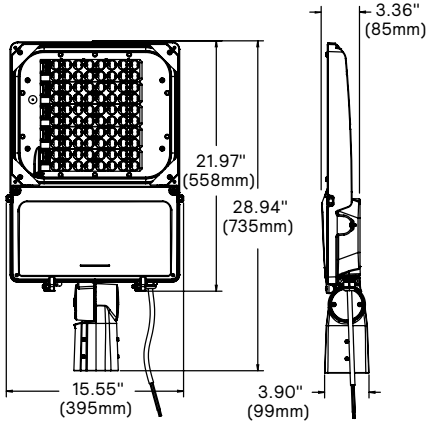


Luminaire weight: 19 lbs (8.6 kg)

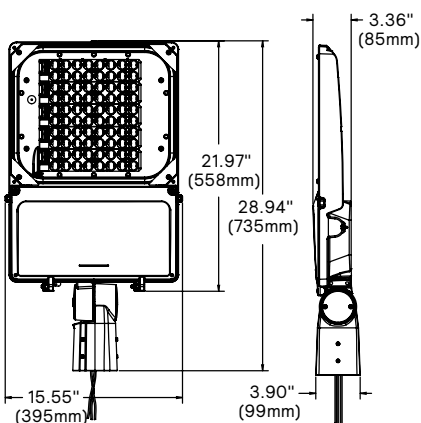


Luminaire weight: 20 lbs (9.1 kg)

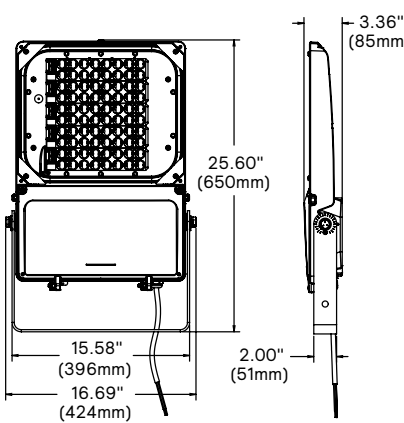
## DuraForm medium FLDM



Luminaire weight: 23 lbs (10.4 kg)

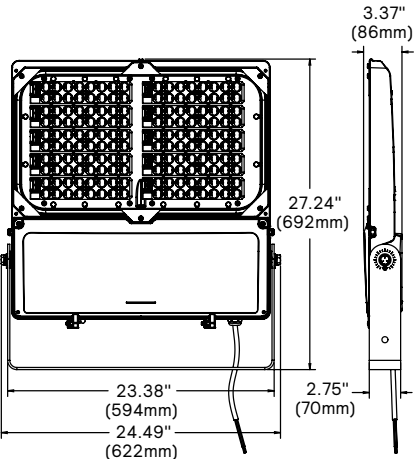


Luminaire weight: 23 lbs (10.4 kg)



Luminaire weight: 24 lbs (10.9 kg)

## DuraForm large FLDL



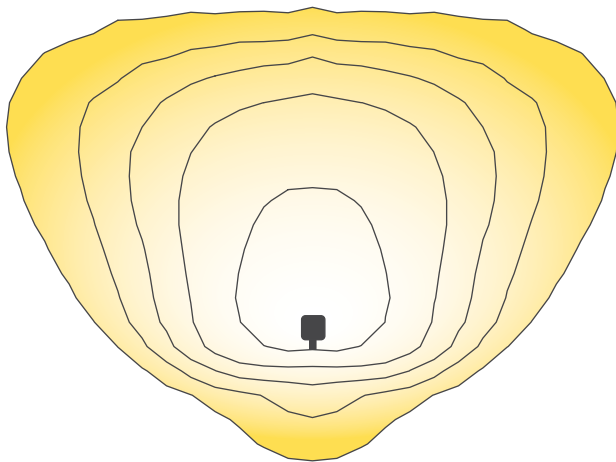
Luminaire weight: 43 lbs (19.5 kg)

# Distributions

## A33 Asymmetric 33° Flood (NEMA 6x5)

30' or 9.14m mounting height, 30° tilt

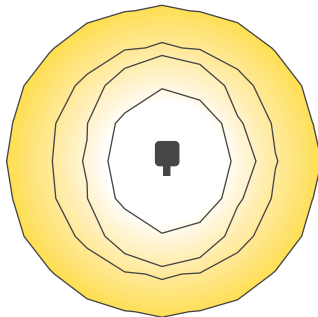
- area lighting
- storage yards
- transportation terminals
- utility sub-stations
- large facades
- wall washing
- large structures or monuments
- trees with large canopies



## RSP Rectangular Spot (NEMA 3x3)

15' or 4.57m setback, 0° tilt

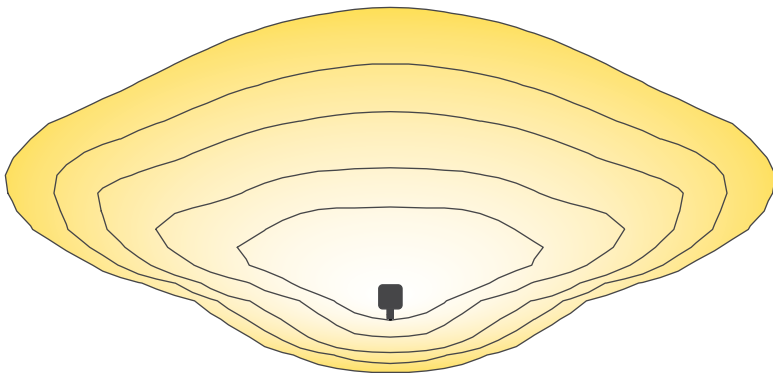
- flag illumination
- spot lighting
- accenting
- columns
- scalloping
- structures or monuments
- taller trees



## RNF Rectangular Narrow Flood (NEMA 7x5)

15' or 4.57m setback, 45° tilt

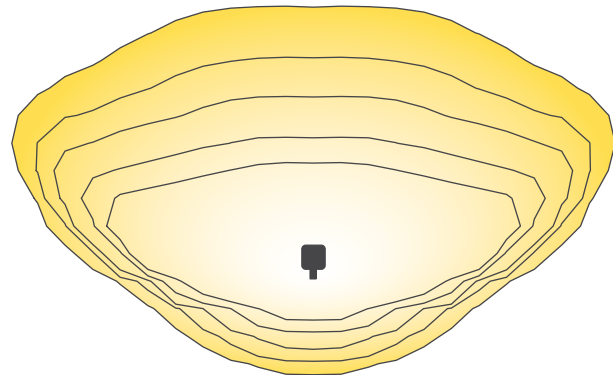
- facades
- wall grazing
- signs
- particularly large and more rectangular application



## RMF Rectangular Medium Flood (NEMA 7x4)

10' or 3.05m setback, 30° tilt

- building entrances/exits
- security lighting
- checkpoints
- inspection stations
- signs
- ornamental trees/shrubs





# Controls



## Luminaire solutions

**Basic. Autonomous. Affordable.**

Simple, individual outdoor lighting dimming and management without the need for remote access.

- 0–10V Dimming
- Field Adjustable Wattage Selector
- 7-pin NEMA twist-lock receptacle
- PCB photocell
- DALI driver



## Site solutions

**Intermediate. Informative. Flexible.**

Enhanced functionality to dim and manage outdoor luminaires along with convenient access to usage and other data.

- SiteWise
- Limelight by Lutron wireless controls (system by others)



## City solutions

**Advanced. Powerful. Extensive.**

Widespread or multi-site lighting management with detailed asset management that can grow along with your needs.

- Interact City Connected Lighting System with Interact City connector node

## For more information on controls

Visit us at [lightingproducts.signify.com](https://lightingproducts.signify.com) for more on stand-alone and connected outdoor lighting solutions, and select Controls Outdoor, or request our outdoor lighting solutions brochure.

**Ensure that you're getting the most of your time and money by choosing DuraForm.**

Go to [gardcolighting.com/DuraForm](https://gardcolighting.com/DuraForm) to find out more.

# Turn your challenges into success stories

**We understand  
that your lighting  
projects often bring  
unique requirements  
and need highly  
specialized solutions.  
Let us help.**

## **Whether you need:**

- Special mounting options
- Additional color temperatures
- Special finishes
- Simple to complex modifications
- Aesthetic modifications
- Performance modifications

**Gardco's "Engineered to Order" Program  
has you covered.**

Leverage the knowledge and competencies of our organization to support your customers' projects. Trust in our leadership and quality as we work closely with you through every stage.

**Contact your sales representative to start your customization journey today!**





# Luminaires you need from brands you trust

Signify understands the diverse needs of utility companies and the pressures you face to provide a reliable solution that will satisfy your customers' demands. Choose us, and make your job easier.

With a full portfolio of utility products and reliable industry brand names like Gardco, Lumec, and Hadco, Signify has a solution for all of your utility lighting needs. All of these high efficiency LED products are designed with the latest technology, are future proof with controls options and compatibility, and offer a broad range of lumen output and mounting options.

## Lumec Roadway

### Cobraheads



RoadFocus

### Off-Road



RoadFocus Off-road

### Highmast



HighFocus

### Security Lights



Roadway Security Light (RSL)

### Tunnel & Underpass



TunnelView

TubeLine

## Gardco Floodlights



DuraForm

## Lumec Decorative



UrbanScape

MetroScape

TownGuide



Renaissance



Domus

## Hadco Decorative



TownView

Hagerstown

