



by @signify

Floodlighting

DuraForm LED



The simple choice
for your
diverse needs



We get it...
you need it all

**Versatility
durability,
performance...**

**You must deliver on all levels.
Gardco DuraForm is your solution.**





You need **versatility**

**Any application,
any mounting height,
any distribution
One family.**

Gardco DuraForm floods meet a broad range of application needs. Configurable and easy to specify, this family offers a wide variety of lumen ranges, optical distributions, mounting options, and controls choices.

Still don't find what you need? We'll also work with you on customizations through our "Engineered to Order" program. See p. 13 for more information.

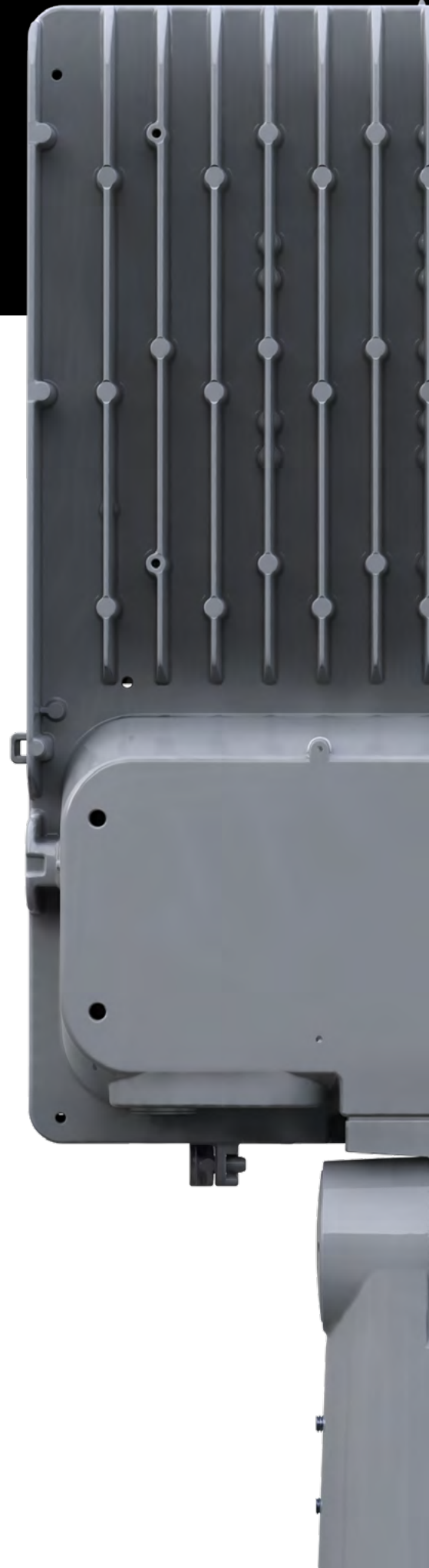
- Three sizes to provide the right light for your needs
- Three mounting options for a variety of applications
- Rugged construction to stand up to harsh environments
- Low profile design blends in with surroundings
- DLC Standard and DLC Premium configurations available



You need durability

Know that the
solutions you choose
are going to satisfy
your customers
and preserve
your reputation.

Clients trust you to direct them towards reliable, efficient, future-proof lighting solutions featuring the latest technology. Like all Gardco luminaires, **DuraForm** gives you peace of mind that you're recommending a quality product that meets all of those requirements. These floods are rugged enough to function flawlessly even in demanding environments, yet sleekly designed with a low profile. As an added bonus, they are 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.





- 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 for Bridge/Overpass applications
- 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



You need performance

Put light where you want it, not where you don't.

Quality illumination makes areas feel secure and helps discourage trespassing or vandalism.

Optics over each discrete high-power LED accurately direct the light to maximize performance and reduce glare experienced with COB or multi-die LEDs.

Accessories provide shielding to prevent light spill, reversible for customization per your specific shielding needs.

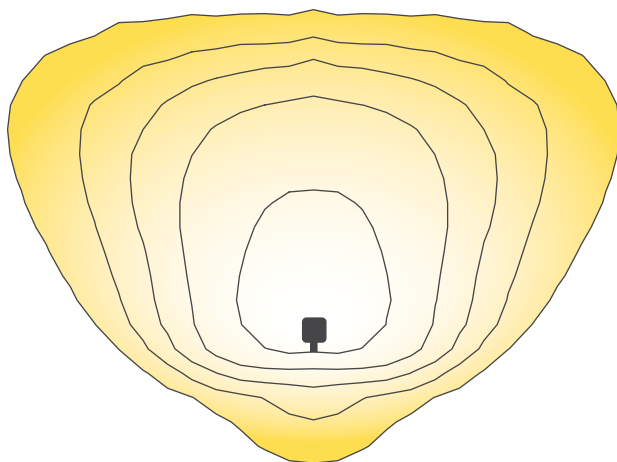
- Lumen output ranges from 2,600 – 54,600
- Efficacies up to 138 lumens per watt
- Four distributions range from tight spot to rectangular medium
- Multiple controls options range from simple to advanced
- Three standard finish options, with special finishes available

Distributions

A33 Asymmetric 33° Flood (NEMA 6x5)

30' or 9.14m mounting height, 30° tilt

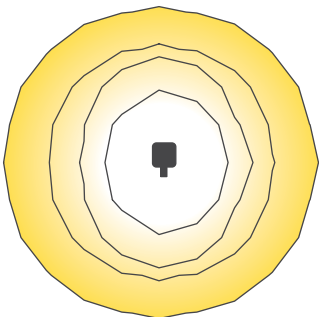
- area lighting
- storage yards
- transportation terminals
- utility sub-stations
- large facades
- wall washing
- large structures or monuments
- trees with large canopies



RSP Rectangular Spot (NEMA 3x3)

15' or 4.57m setback, 0° tilt

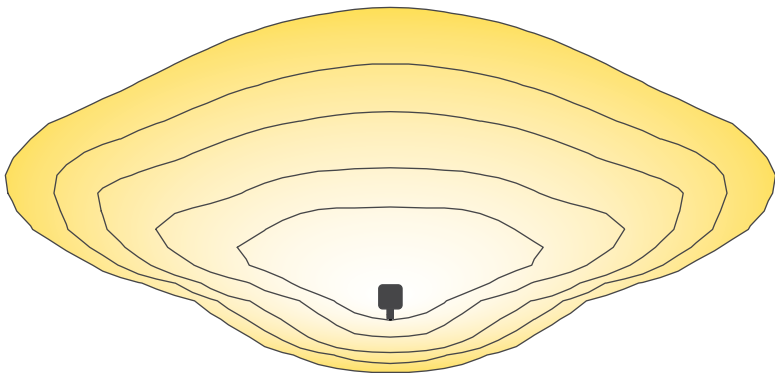
- flag illumination
- spot lighting
- accenting
- columns
- scalloping
- structures or monuments
- taller trees



RNF Rectangular Narrow Flood (NEMA 7x5)

15' or 4.57m setback, 45° tilt

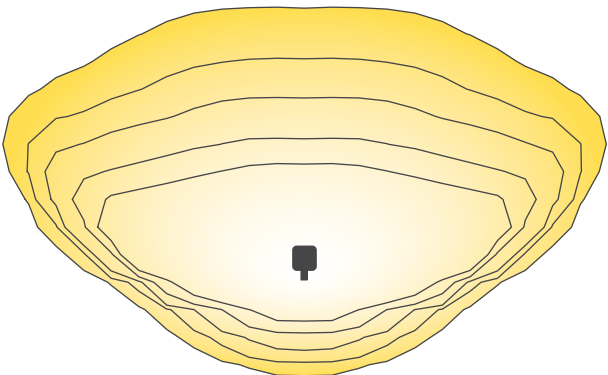
- facades
- wall grazing
- signs
- particularly large and more rectangular application



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



Product details

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

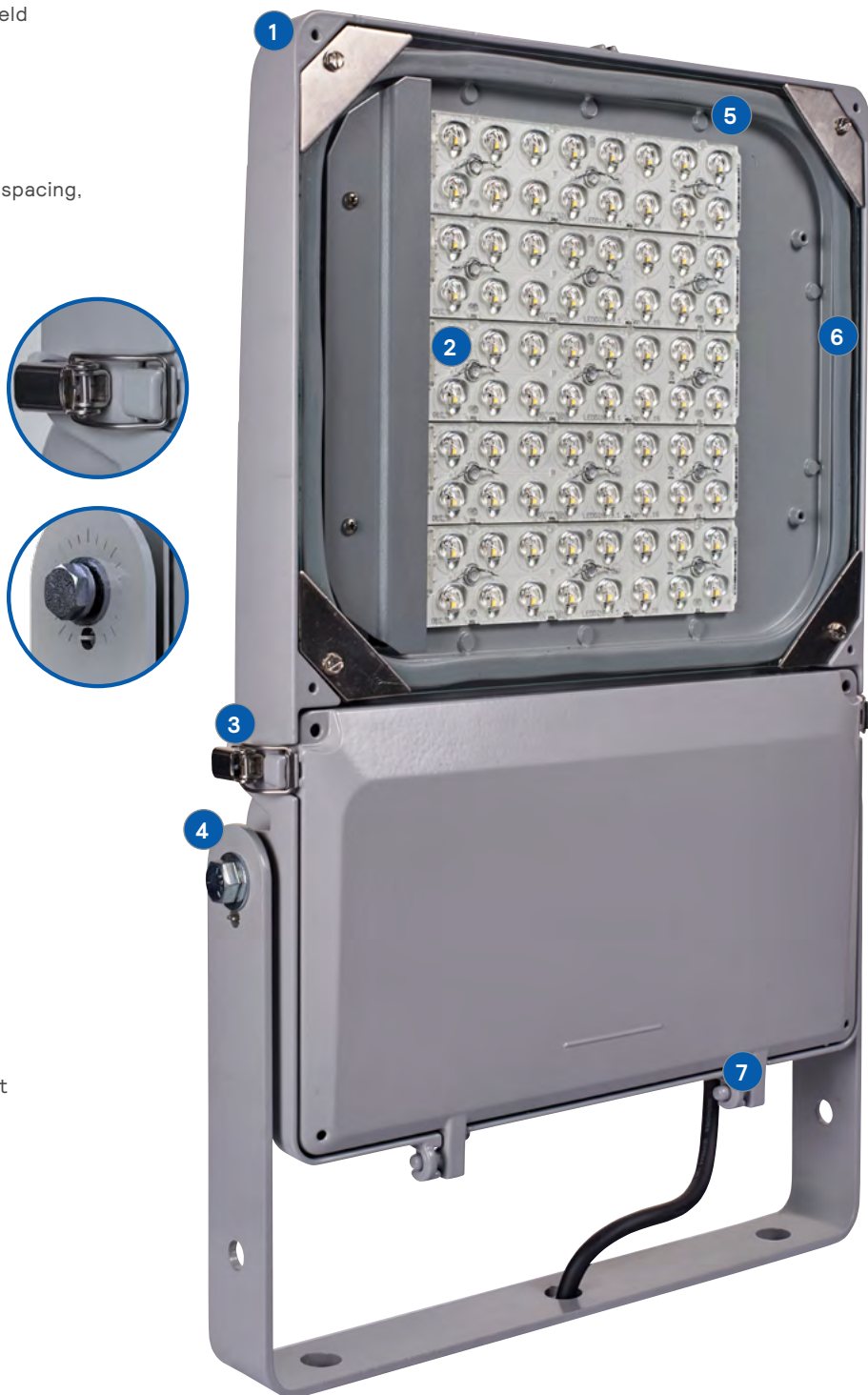
Tempered glass lens with IK09 impact rating

6 Gasketing

Optical chamber gasketed for IP66 seal

7 Hinged door frame

Allows for easy access to electrical compartment



Twist-lock receptacle

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



8 Cast-in sight

Enables easy aiming day or night

9 Driver

Mounted for optimal heat dissipation

10 Surge suppression

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

11 Field Adjustable Wattage Selector (FAWS)

Optional, allows for output to be changed in the field

12 Terminal block

Standard on all DuraForm luminaires

13 Tethered door

Tethered door provides additional security

14 IP66 Rated luminaire

Gaskets weatherproof the interior

15 Service Tag

QR code labels allow for ease of maintenance and tracking



Mounting, Options & Accessories

Yoke Mount



Slip Fitter with External Cord



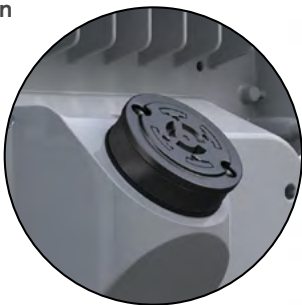
Slip Fitter with Internal Wiring



Tool-less Latches (TOL)



Twist-lock 7-pin Receptacle (TT7)



Visor
Top or
Bottom



Glare Shield
Left or
Right

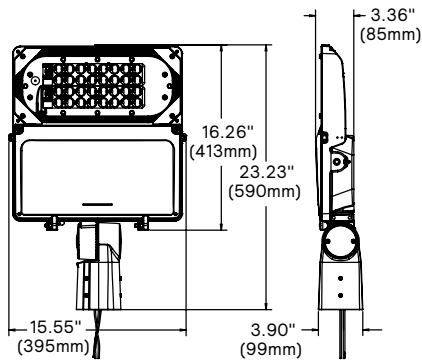


Wire Guard

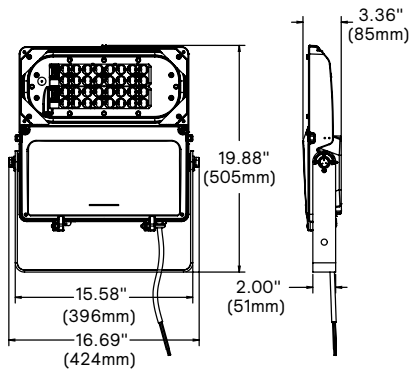


Dimensions

DuraForm small FLDS

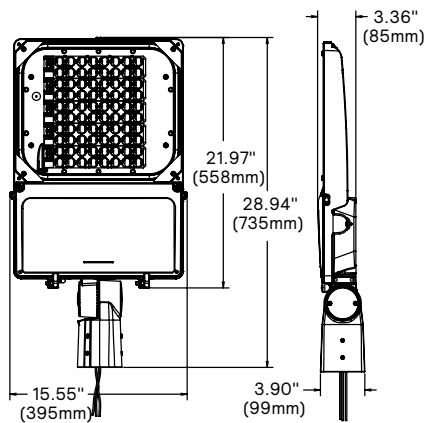


Luminaire weight: 19 lbs (8.6 kg)

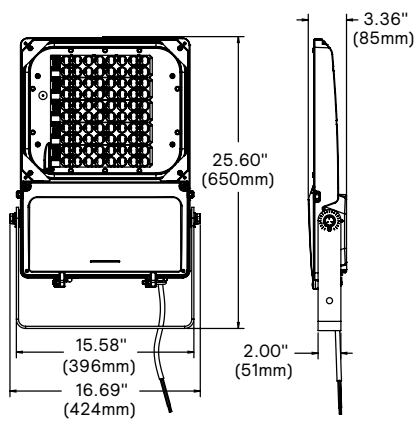


Luminaire weight: 20 lbs (9.1 kg)

DuraForm medium FLDM

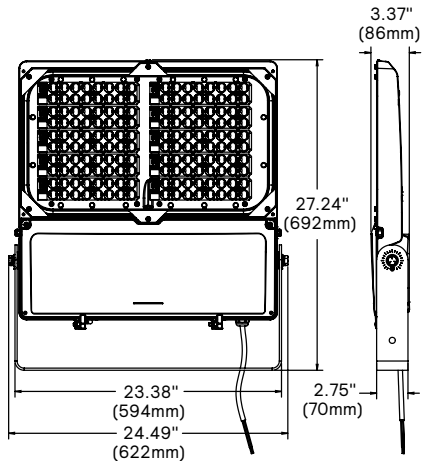


Luminaire weight: 23 lbs (10.4 kg)



Luminaire weight: 24 lbs (10.9 kg)

DuraForm large FLDL



Luminaire weight: 43 lbs (19.5 kg)

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

For more information on controls

Visit us at lightingproducts.signify.com for more on stand-alone and connected outdoor lighting solutions, and select Controls Outdoor, or request our outdoor lighting solutions brochure.



Site solutions

Intermediate. Informative. Flexible.

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

- **SiteWise**
Provide a sense of security for visitors to your site, while still meeting energy conservation goals with SiteWise. This complete area lighting management system uses patented central dimming technology to deliver optimal energy savings using your site's existing cabling. With no additional wiring required, installation and commissioning are simple. An intuitive mobile app makes it easy for authorized users to set schedules to meet site specific lighting needs.

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

DuraForm luminaires are available with optional wireless controllers ready to be connected to a Limelight system. The system allows you to wirelessly manage the entire site, independent lighting groups or individual luminaires while on-site or remotely. Based on a high density mesh network with an easy to use web-based portal, you can conveniently access, monitor and manage your lighting network remotely. Wireless controls can be combined with other site and area luminaires for a completely connected outdoor solution.

Make the simple choice that meets your diverse needs by choosing DuraForm.

Go to 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.**

While we offer a broad range of configurable products to meet your needs, nearly everything is customizable. Gardco works closely with you to design products and services around your specific needs, through our "Engineered To Order" Program. Whether you need a special finish or an entirely customized luminaire, we've got you covered.

We can make several levels of modifications, from simple to complex, whether for aesthetic or performance reasons. 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!



