

Candela Area Light

landscapeforms®

Product Data Sheet | CLF



Candela, designed by Gonzalo Milà for Urbidermis in 2011, brings high design to LED lighting for the urban streetscape. Minimal in form, the oval-shaped luminaire is slim and sleek ideal for streetscape settings. Max in function, Candela offers high output and reach with arrays of up to 96 energy efficient LEDs, poles ranging in height from 26 to 32 feet tall, and arms in three lengths. Available in single, dual and staggered configurations along the pole to achieve light levels tailored to the site.

General Description

- Offered in 2 standard pole heights (8.0m, 10.0m)
- Available in 48, 72 and 96 LED configurations
- Multiple drive currents and distribution types
- Mounting template and anchor hardware included
- Zero up-light, International Dark-Sky approved
- UL Listed, suitable for wet locations

Electrical

120V-277V 50/60 Hz, Class 2 integrated dimmable driver. 1-10V dimming interface is standard, DALI compatible dimming interface available upon request. Candela ships prewired and fully assembled. Reference the installation guide for the wiring diagram and other electrical support information.

Housing

Luminaire housing is die-cast aluminum and opens with a single latch. The glass lens seals to the housing. Luminaire and the extruded aluminum arm mount to the pole using a die-cast aluminum clamp which is secured with four bolts.

Candela

Housing: Aluminum injection

Lens: Clear tempered glass

Light Source: 48/72/96 Cree XPG2 LEDs

Color Temperature: 3000K, 4000K

Power Supply: 120V-277V

Dimming: 1-10V (DALI available upon request)

Protection Class: IP66

Weight: 33 lbs (luminaire only)

Distributions



TII

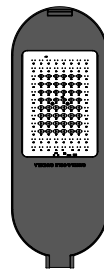


TIII

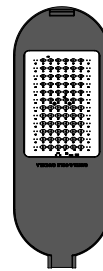


TIV

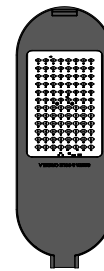
LED Configurations



48 LED

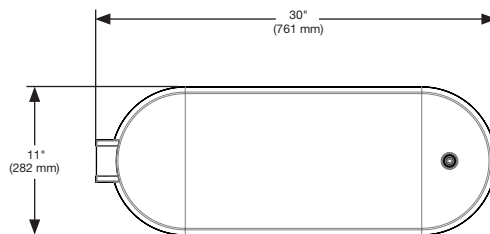


72 LED



96 LED

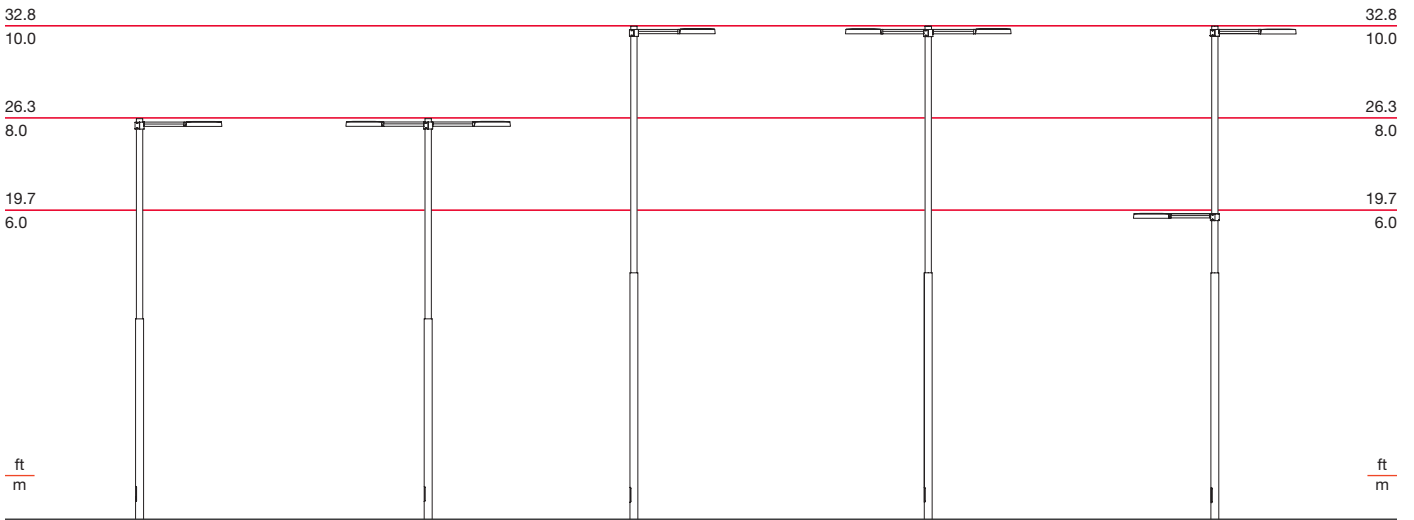
Dimensions



Candela Area Light

landscapeforms®

Product Data Sheet | CLF



Pole Description

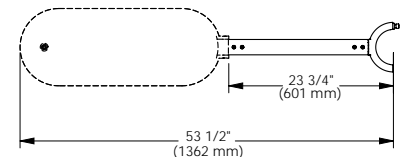
Stepped round pole is manufactured from 6063 aluminum extrusion and heat treated to produce a T6 temper. 8m (26.25 ft) pole steps from 7" to 5" diameter, and has a wall thickness of 0.188". 10m (32.75 ft) pole steps from 8" to 5" in diameter and has a wall thickness of 0.250" wall. Flush mounted hand hole cover includes two magni-coated fasteners. Base options include 4 cast aluminum nut covers. Optional 7-pin twist lock receptacle mounts to pole cap at top of pole.

Mounting Offerings

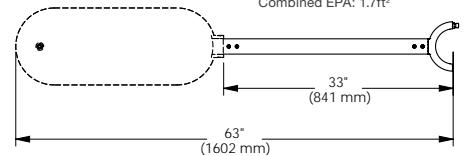
The mounting arm is extruded aluminum and mounts to the Candela luminaire using mechanical fasteners. It pairs with the cast aluminum compression clamp (CLF06) which secures the mounting arm for single mount configurations. Mounting arms attach directly back-to-back for double mounting configurations. All mounting configurations are designed to mount to 5" diameter section of pole and secured with mechanical fasteners.



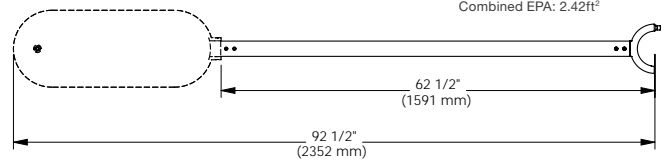
Back Clamp CLF06
Weight: 2 lbs



Short Arm CLF03
Arm Weight: 7 lbs
Luminaire + Arm Weight: 7 lbs
Combined EPA: 1.7ft²



Medium Arm CLF04
Arm Weight: 8.5 lbs
Luminaire + Arm Weight: 41.5 lbs
Combined EPA: 2.42ft²



Long Arm CLF05
Arm Weight: 14 lbs
Luminaire + Arm Weight: 47 lbs
Combined EPA: 3.7ft²

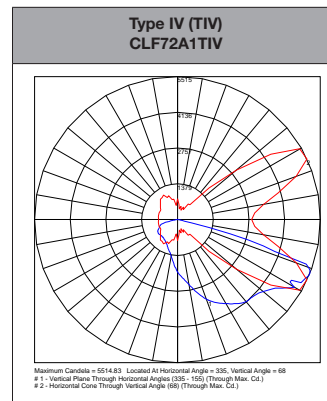
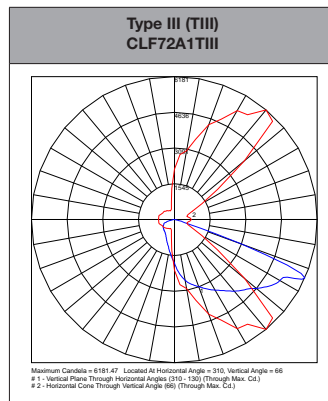
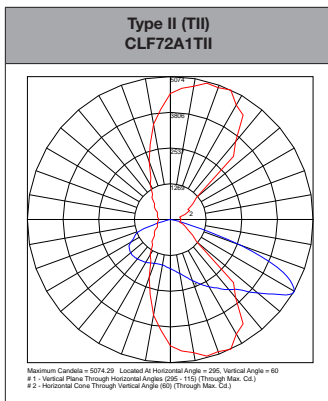
Candela Area Light

landscapeforms®

Product Data Sheet | CLF



| Model | System Power | LED Quantity | CCT | Drive Current | Type II (TII) | | | Type III (TIII) | | | Type IV (TIV) | | |
|-----------|--------------|--------------|-----------------|---------------|---------------|-----------|------------|-----------------|-----------|------------|---------------|-----------|------------|
| | | | | | Lumens* | Efficacy* | Bug Rating | Lumens* | Efficacy* | Bug Rating | Lumens* | Efficacy* | Bug Rating |
| CLF48A1xx | 50 | 48 | 3000K 80 CRI | 350 | 5872 | 107 | B2-U0-G2 | 6806 | 124 | B1-U0-G1 | 6323 | 115 | B1-U0-G1 |
| CLF48B1xx | 78 | | | 500 | 8084 | 104 | B2-U0-G2 | 9369 | 120 | B1-U0-G1 | 8704 | 112 | B2-U0-G1 |
| CLF48A2xx | 50 | | 4000K 70 CRI | 350 | 6265 | 114 | B2-U0-G2 | 7261 | 132 | B1-U0-G2 | 6746 | 123 | B2-U0-G2 |
| CLF48B2xx | 78 | | | 500 | 8648 | 111 | B2-U0-G2 | 10023 | 128 | B1-U0-G2 | 9311 | 119 | B2-U0-G2 |
| CLF72A1xx | 75 | 72 | 3000K 80 CRI | 350 | 8775 | 113 | B2-U0-G2 | 10170 | 130 | B2-U0-G2 | 9448 | 121 | B2-U0-G2 |
| CLF72B1xx | 112 | | | 500 | 12063 | 108 | B2-U0-G2 | 13979 | 125 | B2-U0-G2 | 12987 | 116 | B2-U0-G2 |
| CLF72A2xx | 75 | | 4000K 70 CRI | 350 | 9363 | 120 | B3-U0-G3 | 10850 | 139 | B2-U0-G2 | 10080 | 129 | B2-U0-G2 |
| CLF72B2xx | 112 | | | 500 | 12905 | 115 | B3-U0-G3 | 14955 | 134 | B2-U0-G2 | 13894 | 124 | B3-U0-G3 |
| CLF96A1xx | 100 | 96 | 3000K 80 CRI | 350 | 11414 | 110 | B2-U0-G2 | 13228 | 127 | B2-U0-G2 | 12289 | 118 | B2-U0-G2 |
| CLF96B1xx | 153 | | | 500 | 15788 | 105 | B3-U0-G3 | 18296 | 122 | B2-U0-G2 | 16998 | 113 | B2-U0-G2 |
| CLF96A2xx | 100 | | 4000K 70 CRI | 350 | 12178 | 117 | B3-U0-G3 | 14114 | 136 | B2-U0-G2 | 13112 | 126 | B3-U0-G3 |
| CLF96B2xx | 153 | | | 500 | 16890 | 113 | B3-U0-G3 | 19574 | 130 | B2-U0-G2 | 18184 | 121 | B3-U0-G3 |



Candela Area Light

landscapeforms®

Product Data Sheet | CLF



Finish

The Candela luminaire is aluminum extrusion with a natural aluminum powdercoat finish offered by Urbidermis. The Pangard II® powdercoat finish on poles is offered exclusively by Landscape Forms. Reference the materials sheet for additional information.

Product Modifications

Don't see what you are looking for? Our goal is to partner with you as the designer to manufacture solutions needed for the space you are creating. We offer the option to modify our standard product to meet certain design specifications or needs. Contact your local Landscape Forms representative to learn more about these offerings.

Product Specifications

Ready to place an order or receive a quote for your project?
Reference the Candela specification sheet

Warranty

Urbidermis guarantees the composition and performance features of all material that shape the product for a period of three years. Electrical components including LED boards and electronic drivers are guaranteed for a period of five years.

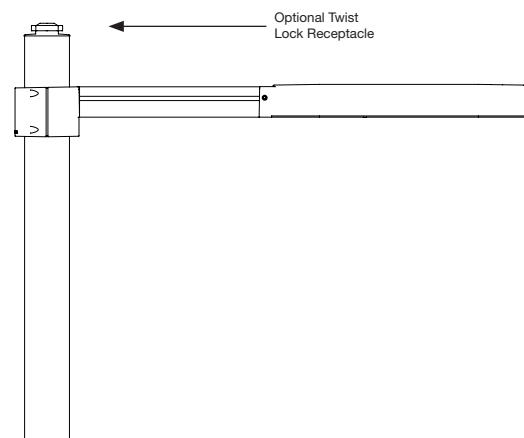
Other

UL Listed, CE, RoHS Compliant, Dark-Sky Approved



Designed by Gonzalo Milà for Urbidermis

Twist Lock Receptacle



Visit our [landscapeforms.com](https://www.landscapeforms.com) for more information. Specifications are subject to change without notice. Landscape Forms supports the Landscape Architecture Foundation at the Second Century level.
©2020 Landscape Forms, Inc. Printed in U.S.A.