
# LEDs DO THE TWIST

Harbor Walk Village, Destin, Florida, USA. Lighting Designer: X-nth. Photo: Saari & Forrai Architectural Photography

## TARGETTI INTRODUCES THE GE INFUSION™ LED PLATFORM

TARGETTI

# NOW THE LED HAS BECOME MORE FUTURISTIC THAN EVER

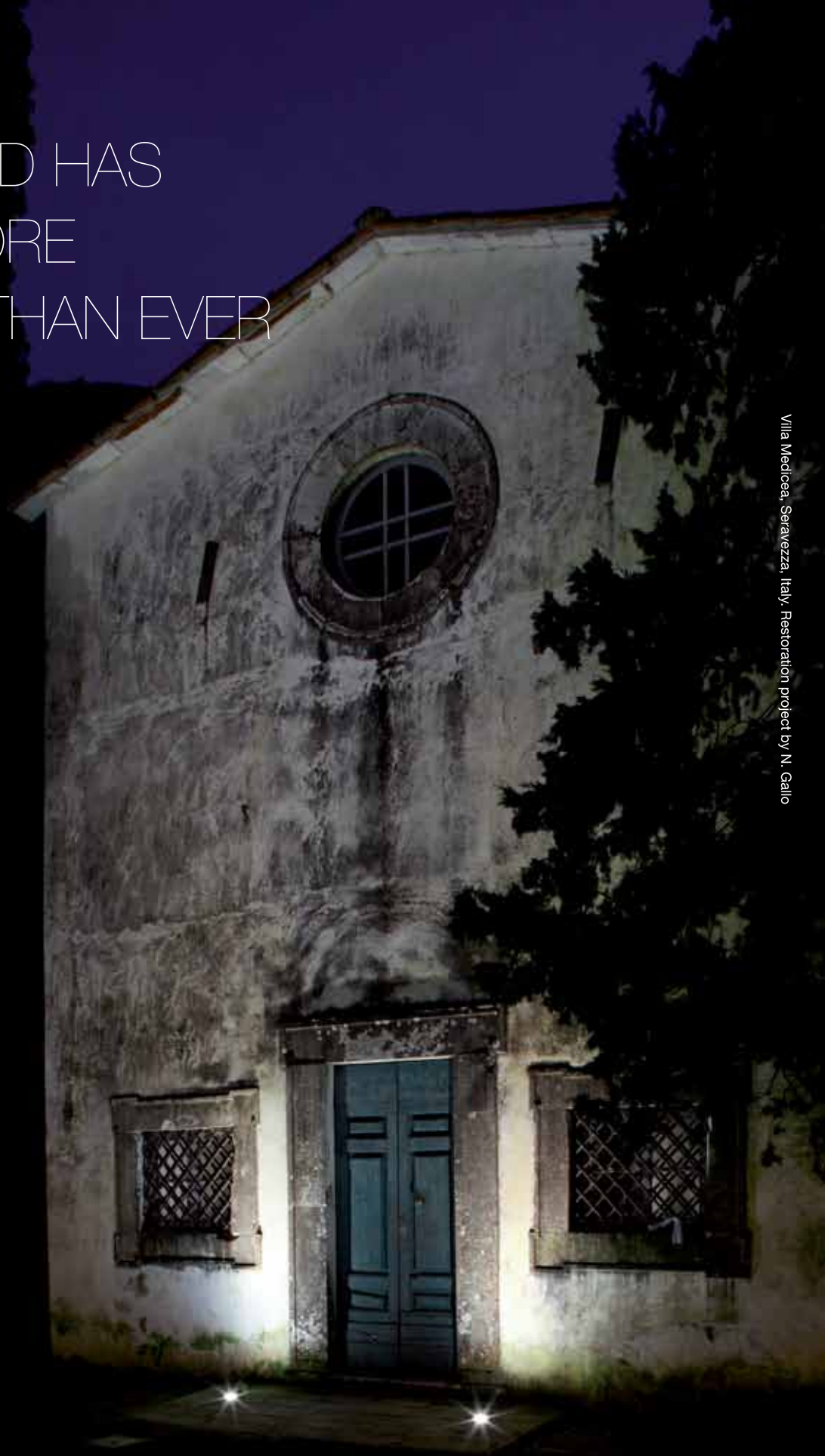
One of the crucial questions about LED luminaires has been the integration of the light source within the product itself. Historically, the light source was a separate, replaceable element within the luminaire. However, many LED luminaires are built as a single unit where replacing the light source means replacing the entire luminaire.

Another challenge with LEDs is how rapidly new generations result in the obsolescence of recently-purchased models. The increasing awareness of energy efficiency and the fast-paced development of better performing LEDs will force users to consider replacing fixtures well-before their expected lifetime.

With the introduction of the GE Infusion™ LED module, these issues are now solved.

The newest technology of today is now available, providing you with the confidence that your investment can continue to provide maximum performance down the line.

The LED is now future-proofed.



Villa Medicea, Seravezza, Italy. Restoration project by N. Gallo

TARGETTI

# A NEW LED TECHNOLOGY FOR TODAY AND FOR THE FUTURE

Targetti USA now introduces the future-proofed GE Infusion™ LED platform making worries about the future a thing of the past.

Simple and easy replacement of the LED light source and reflector is achieved by installing this newly-developed module.

The Infusion™ collar is mounted to a heatsink that is customized for maximum thermal management. It is then wired to a reliable power supply integrated into each fixture.

The Infusion™ LED module installs into the collar with only a twist of the wrist. Finally, a reflector of the required beam spread twists onto the LED module.

The reflector can be easily changed if the beam spread requirement is modified. As LED technology evolves, new modules will become available. Upgrading to these new modules is as easy as replacing a light bulb.

A brighter future in more than one sense.


TARGETTI

# ICARE LED

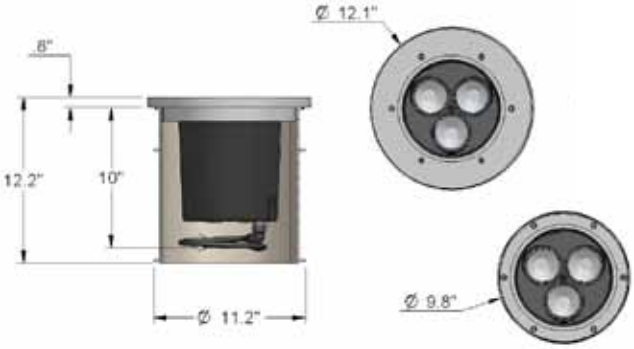
One Miami, Miami, FL. Photographer: David Durbak

ICARE luminaire creates accent illumination for pathways, walls, landscape areas and uplighting applications. LEDs are built into a removable compact module that mounts into a socket. The reflector includes an integral diffuser to reduce glare. The LED module and reflector are removable by tool-less twist and lock attachment.

# ICARE LED

TARGETTI

**DESIGN:** Targetti **FINISH:** Anodized aluminum, anodized black, or stainless steel. **MATERIAL:** Body: Hard anodized aluminum casting. Screws and anti-theft tabs: Stainless steel. Sleeve: PVC (recycled). Glass: Heat-treated, extra clear, tempered. Trim: Die-cast aluminum or machined stainless steel type 316. Collar: Anodized aluminum. **MOUNTING:** Inground: suitable for direct burial in soil/gravel or cast into concrete. Supplied with quick disconnect cable for ease of installation and to prevent moisture from wicking into luminaire. **WEIGHT:** 28 lbs **Label:** cULus listed, wet location, IBEW.




| PRODUCT CODE | LIGHT SOURCE | VOLTAGE | COLOR TYPE | REFLECTOR/OPTIC | GLASS | TOP PLATE STYLE | OPTION |
|---|---|---|---|---|---|---|---|
| ICARE LED | 50W/33LED/WARM WHITE<br>50W/33LED/NEUTRAL WHITE | 120-277V | ANOD ALU<br>ANOD BLK<br>ST STEEL | FLOOD<br>WIDE FLOOD<br>VERY WIDE FLOOD | ANTI-SLIP<br>CLEAR | 11.75”<br>9.5” | DIMMING 0-10V |

**Specification notes:**

Specification notes:
a. Provided with 120-277V electronic driver.
b. Supplied with collar for flush mounting.
c. Supplied with sleeve and quick disconnect.
d. Max. one accessory per luminaire.

**Info notes:**

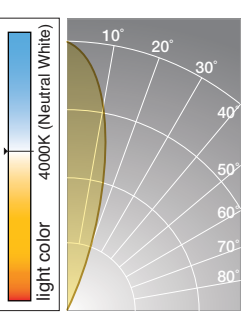
I. Resistant to static load of 4,496 lb. max.
II. Ingress Protection Code: IP67.
III. Warm white: 3000°K(<4 SDCM). Neutral white: 4000°K (<4 SDCM).
IV. LED technology is rapidly changing. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

## PHOTOMETRICS

### Lighting Info

Lamp Type: LED
Center Beam CP: 8493 CP
Beam Angle: 25.3°

| | |
|---|---|
| Luminaire lumens | 2413 lm |
| Wattage | 43.8 W |
| Efficacy | 55 lm/W |
| Color Rendering | 80 CRI |
| LM 79 Test | ✓ |
| LM 80 Test | ✓ |




### Candlepower Distribution Data



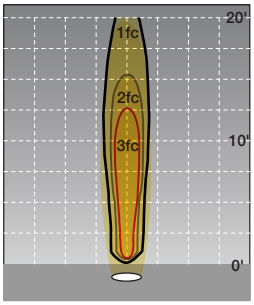

| Vert. Angles | Candela 0° |
|---|---|
| 5° | 7835 |
| 10° | 5931 |
| 15° | 3369 |
| 20° | 1623 |
| 30° | 734 |
| 40° | 329 |
| 50° | 68 |
| 60° | 20 |
| 70° | 8 |
| 80° | 3 |
| 90° | 0 |

### Performance Data

| Ceiling Height | Initial Fc at 0 | Beam Dia. |
|---|---|---|
| 25’ | 14 | 11.2’ |
| 20’ | 21 | 9.0’ |
| 15’ | 38 | 6.7’ |
| 10’ | 85 | 4.5’ |
| 5’ | 340 | 2.2’ |

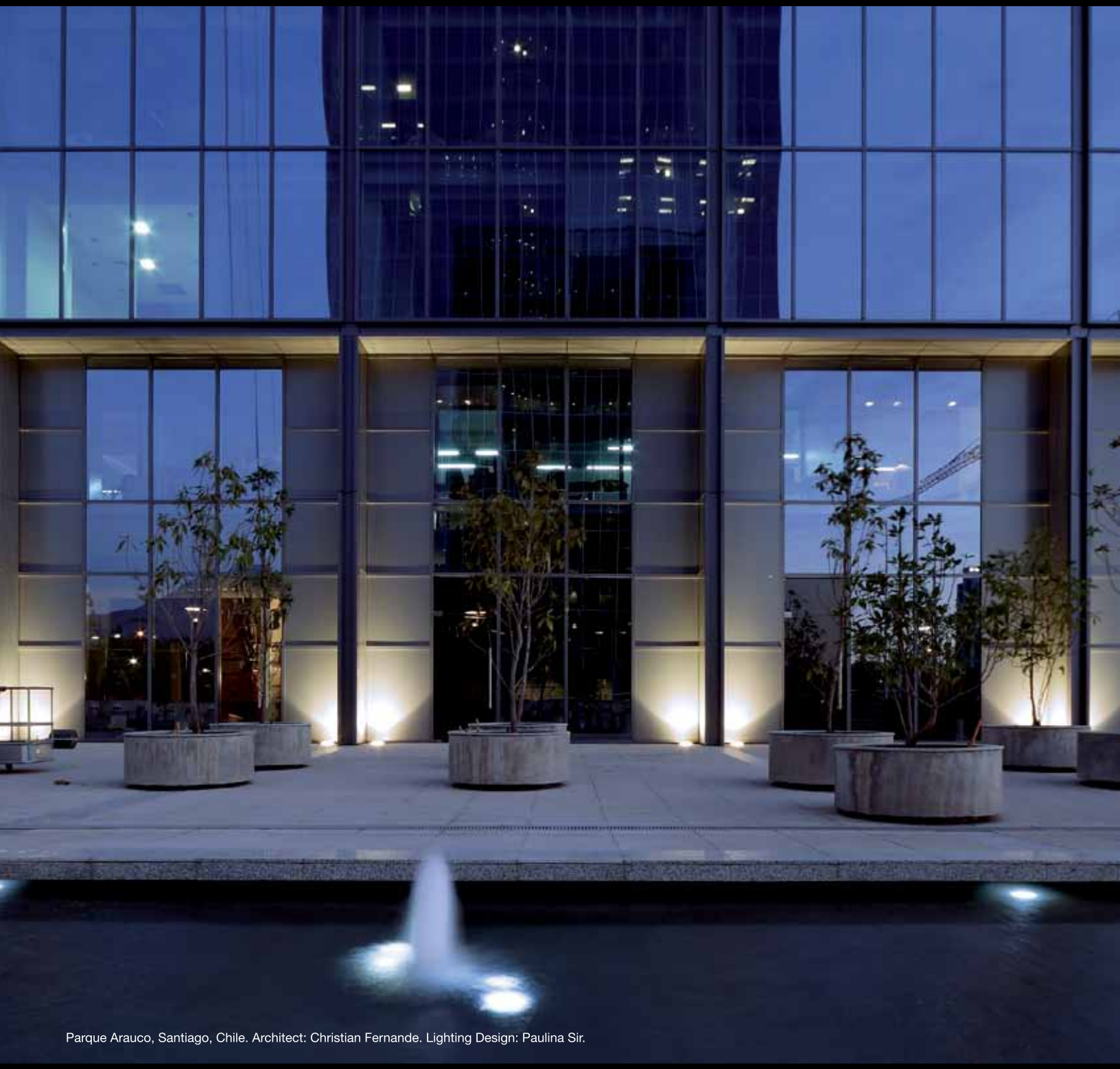
Beam diameter is at 50% max. Fc.

### Application Data




1' setback. 2.5' x 2.5' grid.

# PHENIX LED



Parque Arauco, Santiago, Chile. Architect: Christian Fernande. Lighting Design: Paulina Sir.

Phenix inground luminaire creates accent illumination for pathways, walls, landscape areas and uplighting applications. LEDs are built into a removable, compact module that mounts into a socket. The reflector includes an integral diffuser to reduce glare. The LED module and reflector are removable by tool-less twist and lock attachment.

# PHENIX LED

TARGETTI

**DESIGN:** Targetti **FINISH:** Anodized aluminum, anodized black, or stainless steel. **MATERIAL:** Body: Hard anodized aluminum casting. Screws: Stainless steel. Sleeve: PVC. Glass: Heat-treated, extra clear, tempered. Trim: Machined aluminum or stainless steel. Collar: Anodized aluminum. **MOUNTING:** Inground: suitable for direct burial in soil/gravel or cast into concrete. Supplied with quick disconnect cable for ease of installation and to prevent moisture from wicking into luminaire. **WEIGHT:** 4 lbs. **Label:** cULus listed, wet location, IBEW.


| PRODUCT CODE | LIGHT SOURCE | VOLTAGE | COLOR TYPE | REFLECTOR/OPTIC | TOP PLATE STYLE | OPTION |
|---|---|---|---|---|---|---|
| PHE LED | 15W/14LED/WARM WHITE<br>15W/14LED/NEUTRAL WHITE | 120-277V | ANOD ALU<br>ANOD BLK<br>ST STEEL | FLOOD<br>WIDE FLOOD<br>VERY WIDE FLOOD | BEVELED<br>STRAIGHT | DIMMING 0-10V |

**Specification notes:**

a. Provided with 120-277V electronic driver.
b. Supplied with collar for flush mounting.
c. Supplied with sleeve and quick disconnect.
d. Beveled trim supplied without collar.
e. Indoor variant is available - consult factory.

**Info notes:**

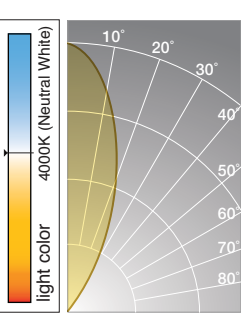
I. Resistant to static load of 4,496 lb. max.
II. Ingress Protection Code: IP67.
III. Warm white: 3000°K (<4 SDCM). Neutral white: 4000°K (<4 SDCM).
IV. LED technology is rapidly changing. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

## PHOTOMETRICS

### Lighting Info

Lamp Type: LED
Center Beam CP: 1734 CP
Beam Angle: 38.3°

| | |
|---|---|
| Luminaire lumens | 885lm |
| Wattage | 14.2W |
| Efficacy | 62 lm/W |
| Color Rendering | 80 CRI |
| LM 79 Test | ✓ |
| LM 80 Test | ✓ |




### Candlepower Distribution Data



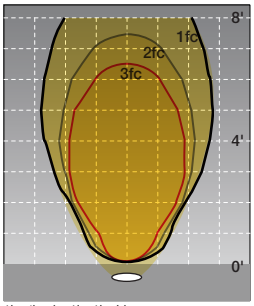

| Vert. Angles | Candela 0° |
|---|---|
| 5° | 1631 |
| 10° | 1447 |
| 15° | 1152 |
| 20° | 854 |
| 30° | 386 |
| 40° | 107 |
| 50° | 15 |
| 60° | 8 |
| 70° | 4 |
| 80° | 0 |
| 90° | 0 |

### Performance Data

| Ceiling Height | Initial Fc at 0 | Beam Dia. |
|---|---|---|
| 10' | 17 | 6.9' |
| 8' | 27 | 5.6' |
| 6' | 48 | 4.2' |
| 4' | 108 | 2.8' |
| 2' | 434 | 1.4' |

Beam diameter is at 50% max. Fc.

### Application Data




1' setback. 1' x 1' grid.

# NANO PYROS LED

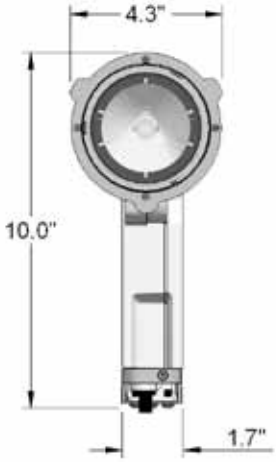
Dex Showroom, Florence, Italy. Project: Studio 63 Architecture + Design. Photo: Alessandro Maurelli, Marco Bartolozzi

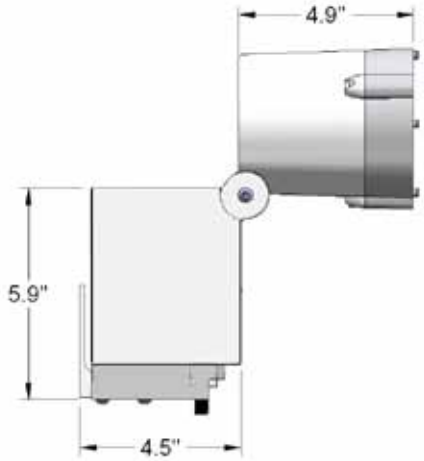
Nano Pyros: compact, discreet projector for façade, wall wash, landscape area lighting and highlighting architectural features. LEDs are built into a removable compact module that mounts into a socket. The reflector includes an integral diffuser to reduce glare. The LED module and reflector are removable by toolless twist and lock attachment. Lockable aiming in horizontal and vertical planes with integral electronic driver, separate from LED housing.

# NANO PYROS LED

TARGETTI

**DESIGN:** Targetti **FINISH:** Powder coated grey. **MATERIAL:** Body: Die-cast aluminum. Bracket: Die-cast aluminum. Joints: Die-cast Aluminum. Glass: Clear, heat-treated, tempered. Hardware: Stainless steel. **MOUNTING:** Surface: bracket with mounting plate for fixing directly to hard surfaces. Junction box mounting accessory is available. Wiring: Fixtures are wired with one feed cable. Dimming variants include control wires within power cable. **WEIGHT:** 5 lbs. **Label:** cULus listed, wet location, IBEW.




| PRODUCT CODE | LIGHT SOURCE | VOLTAGE | COLOR TYPE | REFLECTOR/OPTIC | OPTION |
|---|---|---|---|---|---|
| NANO PYR LED | 25W/14LED/WARM WHITE<br>25W/14LED/NEUTRAL WHITE | 120-277V | NATURAL PAINTED ALU<br>GRAPHITE | FLOOD<br>WIDE FLOOD<br>VERY WIDE FLOOD | DIMMING 0-10V |

**Specification notes:**

a. Provided with 120-277V electronic driver.
b. Max. one accessory plus Anti-glare hex louver per projector.
c. Barn doors or asymmetric visor may be used in addition to other accessories.

**Info notes:**

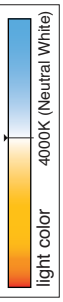
I. Mechanical resistance of glass is 20 Joules.
II. Ingress Protection Code: IP67.
III. Warm white: 3000°K (<4 SDCM). Neutral white: 4000°K (<4 SDCM).
IV. LED technology is rapidly changing. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

## PHOTOMETRICS

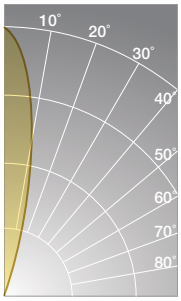
### Lighting Info

Lamp Type: LED
Center Beam CP: 4375 CP
Beam Angle: 22.3°

| | |
|---|---|
| Luminaire lumens | 1361lm |
| Wattage | 24.4W |
| Efficacy | 56 lm/W |
| Color Rendering | 80 CRI |
| LM 79 Test | ✓ |
| LM 80 Test | ✓ |




### Candlepower Distribution Data



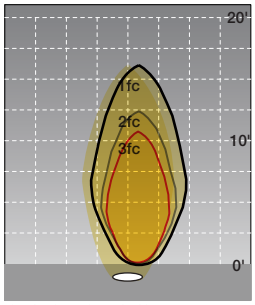

| Vert. Angles | Candela 0° |
|---|---|
| 5° | 3837 |
| 10° | 2564 |
| 15° | 1636 |
| 20° | 1022 |
| 30° | 489 |
| 40° | 140 |
| 50° | 44 |
| 60° | 20 |
| 70° | 6 |
| 80° | 2 |
| 90° | 0 |

### Performance Data

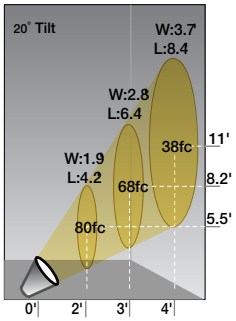
| Ceiling Height | Initial Fc at 0 | Beam Dia. |
|---|---|---|
| 20' | 11 | 7.9' |
| 16' | 17 | 6.3' |
| 12' | 30 | 4.7' |
| 8' | 68 | 3.2' |
| 4' | 273 | 1.6' |

Beam diameter is at 50% max. Fc.

### Application Data




1' setback. 2.5' x 2.5' grid.




Fc at center beam aiming location.
L and W are at 50% max. Fc.

# PYROS LED

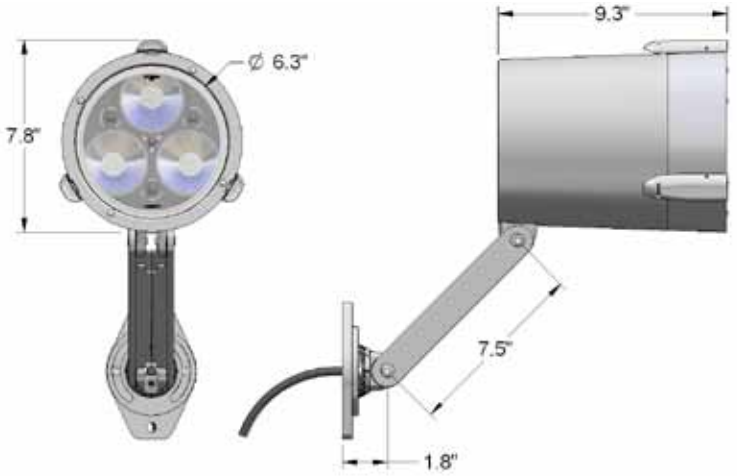

Harbor Walk Village, Destin, Florida, USA. Lighting Designer: X-nth. Photo: Saari & Forrai Architectural Photography

Pyros yoke-mounted projector for illumination of façade, wall wash, landscape area lighting and highlighting architectural features. LEDs are built into a removable compact module that mounts into a socket. The reflector includes an integral diffuser to reduce glare. The LED module and reflector are removable by toolless twist and lock attachment. Articulate arm with 2 pivot points; lockable aiming in horizontal and vertical planes with integral electronic driver.

# PYROS LED

TARGETTI

**DESIGN:** Targetti **FINISH:** Powder coated grey. **MATERIAL:** Body: Die-cast aluminum. Bracket: Die-cast aluminum. Joints: Die-cast Aluminum. Latch springs: Stainless steel. Glass: Clear, heat-treated, tempered. Hardware: Stainless steel. **MOUNTING:** Surface: yoke arm with mounting plate for fixing directly to hard surfaces. Wiring: Fixtures are wired with one feed cable. Dimming variants include control wires within power cable. **WEIGHT:** 15 lbs. **Label:** cULus listed, wet location. IBEW.




| PRODUCT CODE | LIGHT SOURCE | VOLTAGE | COLOR TYPE | REFLECTOR/OPTIC | OPTION |
|---|---|---|---|---|---|
| PYR LED | 50W/33 LED/WARM WHITE<br>50W/33 LED/NEUTRAL WHITE | 120-277V | NATURAL PAINTED ALU<br>GRAPHITE | FLOOD<br>WIDE FLOOD<br>VERY WIDE FLOOD | DIMMING 0-10V |

**Specification notes:**

a. Provided with 120-277V electronic driver.
b. Max. two accessories (Louver or Filter) per projector plus a visor or barn doors.

**Info notes:**

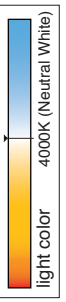
I. Mechanical resistance of glass is 20 Joules.
II. Ingress Protection Code: IP67.
III. Warm white: 3000°K (<4 SDCM). Neutral white: 4000°K (<4 SDCM).
IV. LED technology is rapidly changing. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

## PHOTOMETRICS

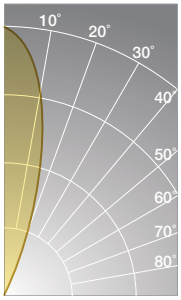
### Lighting Info

Lamp Type: LED
Center Beam CP: 8493 CP
Beam Angle: 25.3°

| | |
|---|---|
| Luminaire lumens | 2413 lm |
| Wattage | 43.8 W |
| Efficacy | 55 lm/W |
| Color Rendering | 80 CRI |
| LM 79 Test | ✓ |
| LM 80 Test | ✓ |




### Candlepower Distribution Data



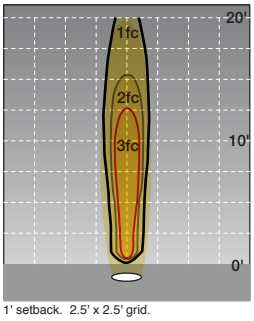

| Vert. Angles | Candela 0° |
|---|---|
| 5° | 7835 |
| 10° | 5931 |
| 15° | 3369 |
| 20° | 1623 |
| 30° | 734 |
| 40° | 329 |
| 50° | 68 |
| 60° | 20 |
| 70° | 8 |
| 80° | 3 |
| 90° | 0 |

### Performance Data

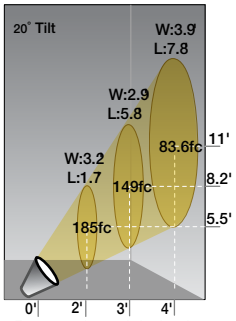
| Ceiling Height | Initial Fc at 0 | Beam Dia. |
|---|---|---|
| 25' | 14 | 11.2' |
| 20' | 21 | 9.0' |
| 15' | 38 | 6.7' |
| 10' | 85 | 4.5' |
| 5' | 340 | 2.2' |

Beam diameter is at 50% max. Fc.

### Application Data




1' setback. 2.5' x 2.5' grid.




Fc at center beam aiming location.
L and W are at 50% max. Fc.

# TARGETTI THINKING

These LED products meet Targetti's high standards of excellence, with the added value of state-of-the-art LED technology, developed specifically for maximum performance.

This range of cutting-edge, professional instruments are rugged enough to operate in wet, outdoor locations. Dimming variants are offered for all product families.

Our luminaires combine optimal thermal management along with high optical quality and the efficiency of LED technology. Therefore, Targetti is proud to offer a five-year guarantee on its entire line of LED products.

TARGETTI

Targetti Poulsen USA Inc, 3260 Meridian Pkwy., Ft. Lauderdale, FL 33331, Ph: 954-349-2525, Fax: 954-349-2550, www.targettiusa.com