# **ZANEEN**<sub>®</sub>

### **BIONIQ SQUARE ADJUSTABLE RECESSED**

#### A35356-

| base number | Color<br>Temperature | Finishes<br>(Diamond) | Finishes<br>(Triangle) | Reflector<br>Options |  |
|-------------|----------------------|-----------------------|------------------------|----------------------|--|
|             |                      |                       |                        |                      |  |

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

| GENERAL   |                                |
|---|--------------------------------|
| Series: Bioniq  |                                |
| Subseries: Bioniq Square Adjustable   |                                |
| Brand: Prolicht   |                                |
| Division: Architectural   |                                |
| Mounting Type: Recessed   |                                |
| Mounting Location: Ceiling  |                                |
| Subcategory: Downlight  |                                |
| PHYSICAL  |                                |
| Shape: Square   |                                |
| Length (mm): 119  |                                |
| Length (in): 4 <sup>11</sup> / <sub>16</sub>  |                                |
| Width (mm): 119   |                                |
| Width (in): 4 <sup>11</sup> / <sub>16</sub>   |                                |
| Depth (mm): 132   |                                |
| Depth (in): $5\frac{1}{16}$   |                                |
| Ceiling Thickness (mm): 10 / 12.5 / 1   |                                |
| Ceiling Thickness (in): 3/8 or 1/2 or 9   |                                |
| Min. Recessing Depth (mm): 150  | 120                            |
| Min. Recessing Depth (in): 5 <sup>7</sup> / <sub>8</sub>  |                                |
| Light Distribution: Adjustable / Down   | light                          |
| Weight (kg): 0.542  |                                |
| Weight (lbs): 1.2   |                                |
| Fixture Finish: SSR / BKV / CWI / CRY<br>LOD / PUS / FRO / FUP / KIA / POP / E<br>COM / ABZ / JAG / OBR / MOS / ROR |                                |
| Fixture Material: Aluminum Die Cast   |                                |
| Cut-out Measurements: 114mm / 4 1   | /2" x 114mm / 4 1/2"           |
| ELECTRICAL  |                                |
| Lamp Type: LED  |                                |
| Input Wattage (W): 16.5   |                                |
| Total Output Wattage (W): 14  |                                |
| Dimming: Tri-Mode (Non-Dimming a and 0-10V Dimming)   | nd Phase Dimming (120Vac only) |
| Driver Included: No   |                                |
| Driver Location: Recessed Housing   |                                |
| Driver Type: Constant Current - Univ  | ersal                          |
| Driver Class: Class 2   |                                |
| Housing: See components   |                                |
| Input Voltage (V): 120 - 277  |                                |
| Constant Current (MA): 500  |                                |
| LED   |                                |
| Number of LEDs: 1   |                                |
| Color Temperature (°K): 2700 / 3000   | / 3500 / 4000                  |
| Max. Delivered Lumen (lm): 940 / 980  | ) / 1029 / 1050                |
| Nominal Lumen (lm): 1386 / 1438 / 1   | 511 / 1542                     |

| Max. Delivered Lumen (im): 940 / 980 / 1029 / 1050 |  |
|--|--|
| Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542      |  |
| CRI: >90 CRI                                       |  |
| Lamp Life (hrs): 50000                             |  |
| Lamp Life (hrs): 50000                             |  |

#### OPTICAL

#### Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards IP rating: IP20

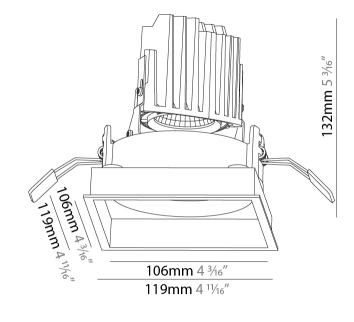
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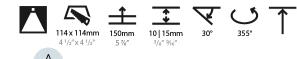
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

| PROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |







## ZANEEN.

### **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35356-

PROJECT

| PROJECT   |   |  |  |
|-----------|---|--|--|
| ТҮРЕ      |   |  |  |
| SPECIFIER |   |  |  |
| QUANTITY  |   |  |  |
| DATE      |   |  |  |
|           | - |  |  |



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## **ZANEEN**<sub>®</sub>

#### **BIONIQ SQUARE ADJUSTABLE COMFORT**

RECESSED

#### A35362-

| base number | Color       | Finishes  | Finishes   | Finishes | Reflector |
|-------------|-------------|-----------|------------|----------|-----------|
|             | Temperature | (Diamond) | (Triangle) | (Circle) | Options   |

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the

options listed below in blue font and add the suffix to the base model #

#### GENERAL Series Bionia

| Series: Bioniq   |
|--|
| Subseries: Bioniq Square Adjustable Comfort  |
| Brand: Prolicht  |
| Division: Architectural  |
| Mounting Type: Recessed  |
| Mounting Location: Ceiling   |
| Subcategory: Downlight   |
| PHYSICAL   |
| Shape: Square  |
| Length (mm): 119   |
| Length (in): 4 <sup>11</sup> / <sub>16</sub>   |
| Width (mm): 119  |
| Width (in): 4 <sup>11</sup> / <sub>16</sub>  |
| Depth (mm): 132  |
| Depth (in): 5 <sup>3</sup> / <sub>16</sub>   |
| Ceiling Thickness (mm): 10 / 12.5 / 15   |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16   |
| Min. Recessing Depth (mm): 150   |
| Min. Recessing Depth (in): 5 $\frac{7}{8}$   |
| Light Distribution: Adjustable / Downlight   |
| Weight (kg): 0.607   |
| Weight (lbs): 1.34   |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG ,<br>LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / |
| COM / ABZ / JAG / OBR / MOS / ROR  |
| Fixture Material: Aluminum Die Cast  |
| Cut-out Measurements: 114mm / 4 1/2" x 114mm / 4 1/2"  |
| ELECTRICAL   |
|  |

| Lamp Type: LED (Zhaga Standard)                                    |                    |
|--|--------------------|
| Input Wattage (W): 16.5  |                    |
| Total Output Wattage (W): 14                                       |                    |
| Dimming: Tri-Mode (Non-Dimming and Phase Dim<br>and 0-10V Dimming) | ming (120Vac only) |
| Driver Included: No  |                    |
| Driver Location: Recessed Housing                                  |                    |
| Driver Type: Constant Current - Universal                          |                    |
| Driver Class: Class 2  |                    |
| Input Voltage (V): 120 - 277                                       |                    |
| Constant Current (MA): 500   |                    |
|  |                    |

#### LED

| Number of LEDs: 1                                  |
|--|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000  |
| Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050 |
| Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542      |
| CRI: >90 CRI                                       |
| OPTICAL  |
|  |

Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards IP rating: IP20

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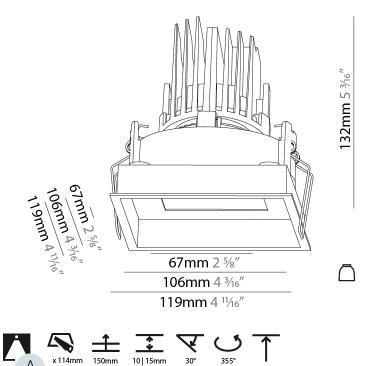
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2" x 4 1/2

5 %"

| PROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |





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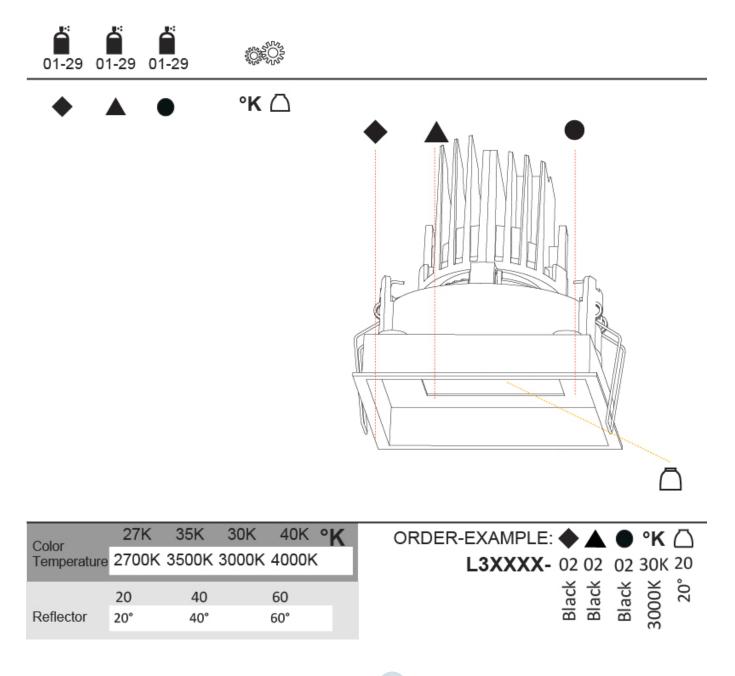
### **BIONIQ SQUARE ADJUSTABLE COMFORT**

RECESSED

A35362-

| PROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |

For Color / Finish Chart & Symbology see Appendix or product page downloadable area.



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## **ZANEEN**<sub>®</sub>

### BIONIQ

**Fixture Finish** 

PROJECT

| PROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |
|           |  |  |  |

| Sparkling Silver - 01 (SSR) | Black Velvet - 02 (BKV) | Crystal White - 03 (CWI)     | Creamy - 04 (CRY)              | Hampton Bay - 05 (HAB) | Urban Forest - 07 (UFT)   |
|-----------------------------|-------------------------|------------------------------|--------------------------------|------------------------|---------------------------|
| In the Army - 08 (ITA)      | Rusty Angel - 09 (RUA)  | Fade to Gray - 12 (FTG)      | Mysterious Gray - 13 (MYG)     | Lost Dream - 15 (LOD)  | Purple Sky - 16 (PUS)     |
| Fresh Oh - 17 (FRO)         | Funky P 18 (FUP)        | Kissing Aphrodite - 19 (KIA) | Poseidon's Paradise - 20 (POP) | Blue Sky - 21 (BLS)    | Spring Green - 22 (SPG)   |
| Mellow Yellow - 23 (MEY)    | Golden Heart - 24 (GOH) | Gun Metal - 25 (GUM)         | Champagne Cream - 26 (CHC)     | Copper Mine - 27 (COM) | Ancient Bronze - 28 (ABZ) |
| Jazz Gold - 29 (JAG)        | Olive Breeze - 30 (OBR) | Moonlight Silver - 31 (MOS)  | Rosewood Red - 32 (ROR)        |                        |                           |

Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens. Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical. Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.

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## ZANEEN

#### BIONIQ

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

#### Special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted Y pivotable 1 wall and ceiling: recessed and surface mounted 0 rotating warm dim / natural dimming LED Œ illuminate tilted Î ceiling-mounted and wall-mounted rechargeable battery powered Ø Ţ wall-mounted color of suspension cable fixture with natural vivid LED (upon request) -> ¥ omni-directional light distribution 1 CRI length of suspension cable color rendering index Ä direct light distribution Δ reflector degree selection °K color temperature direct/indirect light distribution s s LM) super spot lumen (luminous flux) Ť Y LM indirect light distribution lens efficacy (lumens per watt) asymmetric light distribution Q UGR Unified Glare Rating (UGR) range from 5-40 lens pack 0 ÷ marine grade (AISI 316 stainless steel) Ă aura light distribution shine ring R round wall or ceiling cut-out lacksquareintegrated shine ring with diffuser 1 walk on 5 square wall or ceiling cut-out Ö free individual colors 01-29 . drive on individual colors: 00 (free of charge), 01-25 (extra d the supplied jig specifies the cutout dimensions Ċ DSC Dark Sky Compliance charge) Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) 0++ minimum distance (meters) lamp - object luminaire part to be colored (F1) Ġ • Î lamp protected against explosion recessed depth luminaire part to be colored (F2) blown glass using traditional methods by master ↑↓ ceiling thickness in mm luminaire part to be colored (F3) A glass blower Ę

| 1  | ceiling thickness selection                                  |         | luminaire part to be colored (F4) | <b>(</b> ) | acoustic material                          |
|----|--|---------|-----------------------------------|------------|--|
|    | dimmable DP (phase), DV (0-10V), DD (dali), DS<br>(step-dim) |         | luminaire part to be colored (F5) |            | protection class l, protection insulation  |
| ç  | included or excluded LED driver/transformer/<br>control gear |         | color of 3-circuit adaptor        |            | protection class II, protection insulation |
| r  | separately switchable  | $\odot$ | indirect diffuser                 |            | ETL Certified to UL and CSA Standards      |
| シリ | sensor   | D       | direct diffuser                   | c (H) us   | UL Certified to UL and CSA Standards       |
| () | remote control   | $\odot$ | ball-proof (upon request)         | ۹.         | CSA Certified to UL and CSA Standards      |
| 2  | available upon request                                       | U       | accessory                         | 2          | Certified for North American Standards     |

#### **IP RATING**

| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|------|--|
| IP33 | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
| IP65 | protected against ingress of dust<br>protected against jets of water   |
| IP66 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
| IP68 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

#### **IK RATING**

| protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm<br>above the surface) |
|---|
| protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)     |
| protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)   |
| protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)    |
| protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)    |
| protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above<br>the surface)   |
| protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)       |
| protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)       |
| protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)      |
| protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)      |
|   |

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