# **ZANEEN**<sub>®</sub>

## **BIONIQ SQUARE ADJUSTABLE RECESSED**

### A35356-

| base number | Color       | Finishes | Finishes   | Reflector |
|-------------|-------------|----------|------------|-----------|
| base number | Temperature |          | (Triangle) | 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 #

#### CENEDAL

| 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): $4^{11}/_{16}$   |  |
| Width (mm): 119   |  |
| Width (in): 4 <sup>11</sup> / <sub>16</sub>   |  |
| Depth (mm): 132   |  |
| Depth (in): $5^{3}/_{16}$   |  |
| 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 1/8  |  |
| Light Distribution: Adjustable / Downlight  |  |
| Weight (kg): 0.542  |  |
| Weight (lbs): 1.2   |  |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / 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  |  |
| Input Wattage (W): 16.5   |  |
| Total Output Wattage (W): 14  |  |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V<br>Dimming)  |  |
| Driver Included: No   |  |
| Driver Location: Recessed Housing   |  |
|   |  |

Driver Type: Constant Current - Universal

| 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 / 1511 / 1542      |
| CRI: >90 CRI                                       |
| Lamp Life (hrs): 50000                             |
| OPTICAL  |

#### Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

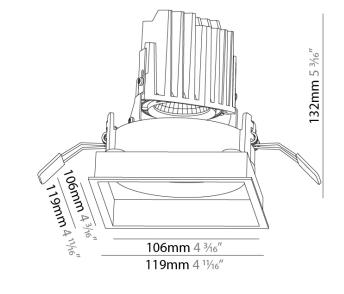
#### RATINGS AND CERTIFICATIONS

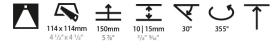
| Certified By: Certified for North American Standards |  |
|--|--|
| ID rating ID20                                       |  |

IP rating: IP20

PROJECT







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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.

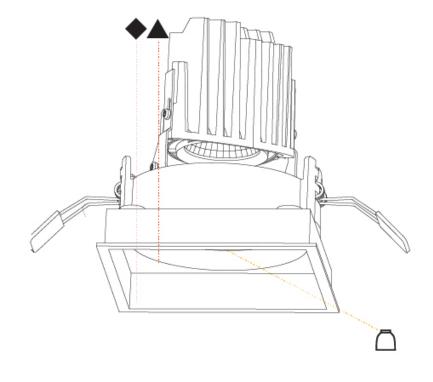
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## ZANEEN.

## **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35356-

| PROJ | ЕСТ |
|------|-----|
|      |     |



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## **BIONIQ SQUARE ADJUSTABLE RECESSED**

**Fixture Finish** 

| PROJECT |
|---------|
|---------|

| TROJECT   |  |  |
|-----------|--|--|
| ТҮРЕ      |  |  |
| 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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LEGEND

### **BIONIQ SQUARE ADJUSTABLE RECESSED**

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

| _↓_           | floor-mounted  | ¥       | pivotable  | *            | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
|---------------|--|---------|--|--------------|--|
| $\mathbb{Z}$  | wall and ceiling: recessed and surface mounted               | C       | rotating   | 0            | warm dim / natural dimming LED   |
| Î             | ceiling-mounted and wall-mounted                             | Œ       | illuminate tilted  | Ø            | rechargeable battery powered   |
| $\rightarrow$ | wall-mounted   | T       | color of suspension cable                                    | 1111<br>1940 | fixture with natural vivid LED (upon request)  |
| ¥             | omni-directional light distribution                          | ÷       | length of suspension cable                                   | CRI          | color rendering index  |
| À             | direct light distribution                                    | Δ       | reflector degree selection                                   | ĸ            | color temperature  |
| X             | direct/indirect light distribution                           | s s     | super spot   | LM           | lumen (luminous flux)  |
| Y             | indirect light distribution                                  | ¥.      | lens   |              | efficacy (lumens per watt)   |
|               | asymmetric light distribution                                | Ð       | lens pack  | UGR          | Unified Glare Rating (UGR) range from 5-40   |
| Ä             | aura light distribution                                      | 0       | shine ring   | 318          | marine grade (AISI 316 stainless steel)  |
| R             | round wall or ceiling cut-out                                | $\odot$ | integrated shine ring with diffuser                          | ٢            | walk on  |
| 5             | square wall or ceiling cut-out                               | Ċ       | free individual colors 01-29                                 |              | drive on   |
| ۲             | the supplied jig specifies the cutout dimensions             | ů).     | individual colors: 00 (free of charge), 01-25 (extra charge) | <b>DSC</b>   | Dark Sky Compliance  |
| (+*)<br>M     | minimum distance (meters) lamp - object                      | ۲       | luminaire part to be colored (F1)                            | Ġ            | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| £             | recessed depth   |         | luminaire part to be colored (F2)                            |              | lamp protected against explosion   |
| 1             | ceiling thickness in mm                                      |         | luminaire part to be colored (F3)                            |              | blown glass using traditional methods by master glass blower                                   |
|               | ceiling thickness selection                                  |         | luminaire part to be colored (F4)                            | (1)          | 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  |
| <u>لي</u>     | included or excluded LED driver/transformer/<br>control gear |         | color of 3-circuit adaptor                                   |              | protection class II, protection insulation   |
| প             | separately switchable  | $\odot$ | indirect diffuser  |              | ETL Certified to UL and CSA Standards  |
| シ             | sensor   | D       | direct diffuser  | c (UL) us    | UL Certified to UL and CSA Standards   |
| $\bigcirc$    | remote control   | $\odot$ | ball-proof (upon request)                                    | <b>(</b>     | CSA Certified to UL and CSA Standards  |
| 2             | available upon request                                       | U       | accessory  | $\square$    | 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              |
| 1965 | 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**

| КО1  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm<br>above the surface) |
|------|---|
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)     |
| КОЗ  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)   |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)    |
| КО5  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)    |
| КОб  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)      |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)       |
| КОВ  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)       |
| 1609 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)      |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)      |

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