## **BIONIQ SQUARE ADJUSTABLE RECESSED**

### A35550-

base number Finishes Finishes Reflector (Diamond) (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 #

### GENERAL

| Se  | ries: Bioniq   |
|-----|--|
| Su  | bseries: Bioniq Square Adjustable  |
| Br  | and: Prolicht  |
| Div | vision: Architectural  |
| Мо  | ounting Type: Recessed   |
| Mo  | ounting Location: Ceiling  |
| Su  | bcategory: Downlight   |
| PH  | IYSICAL  |
| Sh  | ape: Square  |
| Le  | ngth (mm): 119   |
| Le  | ngth (in): 4 <sup>11</sup> / <sub>16</sub>   |
| Wi  | dth (mm): 119  |
| Wi  | dth (in): 4 <sup>11</sup> / <sub>16</sub>  |
| De  | pth (mm): 132  |
| De  | epth (in): 5 <sup>3</sup> / <sub>16</sub>  |
| Mi  | n. Recessing Depth (mm): 150   |
| Mi  | n. Recessing Depth (in): 5 $\frac{7}{8}$   |
| Lig | ght Distribution: Adjustable / Downlight   |
| We  | eight (kg): 0.544  |
|     | eight (lbs): 1.2   |
|     | cture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /<br>C / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / |
| ME  | EY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR   |
|     | xture Material: Aluminum Die Cast  |
| Cu  | it-out Measurements: 114mm / 4 1/2" x 114mm / 4 1/2"   |
| EL  | ECTRICAL   |
| La  | mp Type: LED (Zhaga Standard)  |
| To  | tal Output Wattage (W): 15   |
| Dii | mming: Dali Dimming  |
| Dr  | iver Included: No  |
|     | iver Location: Recessed Housing  |
|     | iver Type: Constant Current - 120Vac   |
|     | pusing: See components   |
| In  | out Voltage (V): 120   |

Input Voltage (V): 120 Constant Current (MA): 350

#### LED

| Number of LEDs: 1                |
|----------------------------------|
| Color Temperature (°K): Warm Dim |
| Max. Delivered Lumen (lm): 760   |
| Nominal Lumen (lm): 1140         |
| CRI: >90 CRI                     |
| Lamp Life (hrs): 50000           |
|                                  |

#### OPTICAL

Reflector°: 20 / 40 / 60

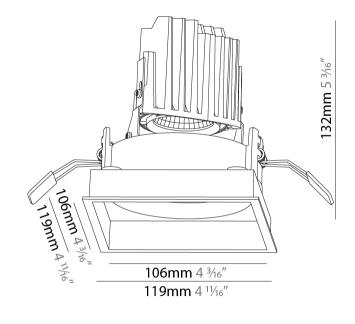
Adjustability: Rotational 355°; Tilt 30°

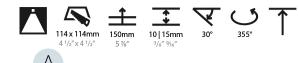
#### RATINGS AND CERTIFICATIONS

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

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







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## **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35550-

PROJECT

| PROJECT   |  |  |  |
|-----------|--|--|--|
| ТҮРЕ      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |
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## **BIONIQ SQUARE ADJUSTABLE COMFORT**

RECESSED

### A35551-

| base number | Finishes  | Finishes   | Finishes | Reflecto |
|-------------|-----------|------------|----------|----------|
|             | (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: 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 / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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)        |
|--|
| Total Output Wattage (W): 15           |
| Dimming: Dali Dimming                  |
| Driver Included: No                    |
| Driver Location: Recessed Housing      |
| Driver Type: Constant Current - 120Vac |
| Housing: See components                |
| Input Voltage (V): 120                 |
| Constant Current (MA): 350             |
|  |

### LED

| Number of LEDs: 1                |
|----------------------------------|
| Color Temperature (°K): Warm Dim |
| Max. Delivered Lumen (lm): 760   |
| Nominal Lumen (lm): 1140         |
| CRI: >90 CRI                     |
| Lamp Life (hrs): 50000           |

#### OPTICAL

Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

#### **RATINGS AND CERTIFICATIONS**

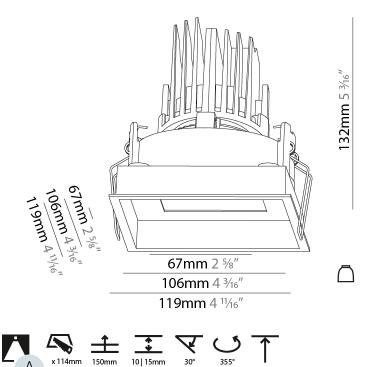
Certified By: Certified for North American Standards IP rating: IP20

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| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |
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Page 3/10

# **BIONIQ SQUARE ADJUSTABLE COMFORT**

RECESSED

A35551-

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



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# **BIONIQ SQUARE DEEP RECESSED**

### A35552-

| base number | Finishes  | Finishes   | Reflector |
|-------------|-----------|------------|-----------|
|             | (Diamond) | (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 #

### GENERAL

| Series: Bioniq  |
|---|
| Subseries: Bioniq Square Deep   |
| 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): 150   |
| Depth (in): 5 <sup>7</sup> / <sub>8</sub>                                   |
| Ceiling Thickness (mm): 10 / 12.5 / 15                                      |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16                                  |
| Min. Recessing Depth (mm): 170  |
| Min. Recessing Depth (in): 6 <sup>11</sup> / <sub>16</sub>                  |
| Light Distribution: Downlight   |
| Weight (kg): 0.592  |
| Weight (lbs): 1.31  |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / |
| MIC / FTG / MYG / TWT / 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)      |
|--------------------------------------|
| Total Output Wattage (W): 15         |
| Dimming: Dali Dimming                |
| Driver Included: No                  |
| Driver Location: Recessed Housing    |
| Driver Type: Constant Current 120Vac |
| Housing: See components              |
| Input Voltage (V): 120               |
| Constant Current (MA): 350           |
| IED                                  |

### LED

#### 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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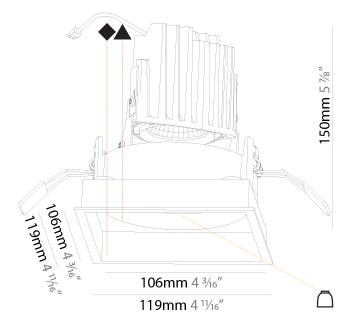
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### PROJECT

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



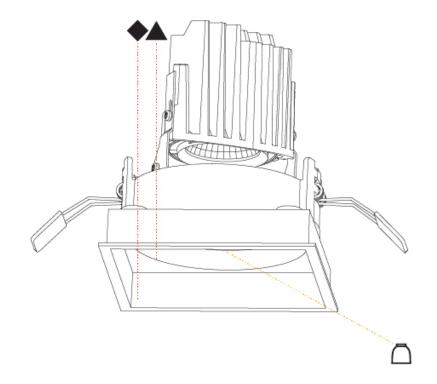


# **BIONIQ SQUARE DEEP RECESSED**

A35552-

PROJECT

| PROJECT   |
|-----------|
| ТҮРЕ      |
| SPECIFIER |
| QUANTITY  |
| DATE      |
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# **BIONIQ SQUARE DEEP COMFORT RECESSED**

## A35553-

Reflector base number Finishes Finishes Finishes (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: Bioniq  |
|---|
| Subseries: Bioniq Square Deep 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): 150   |
| Depth (in): 5 $\frac{7}{8}$   |
| Ceiling Thickness (mm): 10 / 12.5 / 15                                      |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16                                  |
| Min. Recessing Depth (mm): 170  |
| Min. Recessing Depth (in): 6 <sup>11</sup> / <sub>16</sub>                  |
| Light Distribution: Downlight   |
| Weight (kg): 0.656  |
| Weight (lbs): 1.45  |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / |
| MIC / FTG / MYG / TWT / 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)        |
|--|
| Total Output Wattage (W): 15           |
| Dimming: Dali Dimming                  |
| Driver Included: No                    |
| Driver Location: Recessed Housing      |
| Driver Type: Constant Current - 120Vac |
| Housing: See components                |
| Input Voltage (V): 120                 |
| Constant Current (MA): 350             |
| LED                                    |

#### Number of LEDs: 1

| Number of LED3. 1                |
|----------------------------------|
| Color Temperature (°K): Warm Dim |
| Max. Delivered Lumen (lm): 760   |
| Nominal Lumen (lm): 1140         |
| CRI: >90 CRI                     |
| Lamp Life (hrs): 50000           |
|                                  |

#### OPTICAL

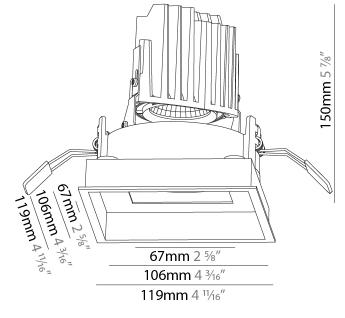
Reflector°: 20 / 40 / 60

#### RATINGS AND CERTIFICATIONS

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

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







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# **BIONIQ SQUARE DEEP COMFORT RECESSED**

A35553-

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



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## **BIONIQ** COLOR FINISH CHART

**Fixture Finish** 

PRO IECT

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

| Sparkling Silver - 01 (SSR)  | Black Velvet - 02 (BKV)        | Crystal White - 03 (CWI) | Creamy - 04 (CRY)         | Hampton Bay - 05 (HAB)        | Lagoon - 06 (LAG)       |
|------------------------------|--------------------------------|--------------------------|---------------------------|-------------------------------|-------------------------|
| Urban Forest - 07 (UFT)      | in the Army - 08 (ITA)         | Rusty Angel - 09 (RUA)   | Rusty Rush - 10 (RUR)     | Milk and Chocolate - 11 (MIC) | Fade to Gray - 12 (FTG) |
| Mysterious Gray - 13 (MYG)   | Twilight - 14 (TWT)            | 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 betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro

and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles and success a highly individual effect and no luminaire being identical.

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## BIONIQ

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

1

6

SP

(Z)

#### special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+\_\_\_ 1 floor-mounted Y pivotable $\circledast$ 1 0 wall and ceiling: recessed and surface mounted 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) -> 1 $\mathbb{Y}$ 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) Å 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 9 round wall or ceiling cut-out lacksquareintegrated shine ring with diffuser 1 walk on 5 square wall or ceiling cut-out ĥ 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) (++) M 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 T ceiling thickness selection luminaire part to be colored (F4) 1) acoustic material dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) luminaire part to be colored (F5) protection class I, protection insulation included or excluded LED driver/transformer/ control gear color of 3-circuit adaptor protection class II, protection insulation $\odot$

indirect diffuser

ball-proof (upon request)

direct diffuser

accessory

D

 $\odot$ 

U

## **IP RATING**

sensor

separately switchable

available upon request

remote control

У

2

0

2

| 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   |
| 1966 | 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 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)    |

ETL Certified to UL and CSA Standards

UL Certified to UL and CSA Standards

CSA Certified to UL and CSA Standards

Certified for North American Standards

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