

BIONIQ SQUARE ADJUSTABLE RECESSED

A35550-

base number

(Diamond)

(Triangle)

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 | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Downlight | |

| 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 11/16 |
| Depth (mm): 132 |
| Depth (in): $5\frac{3}{16}$ |
| Min. Recessing Depth (mm): 150 |
| Min. Recessing Depth (in): 5 1/8 |
| Light Distribution: Adjustable / Downlight |
| Weight (kg): 0.544 |
| 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 (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 |

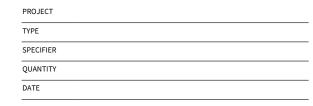
Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

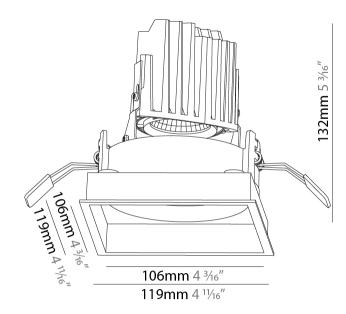
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

























BIONIQ SQUARE ADJUSTABLE RECESSED

A35550-

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







BIONIQ SQUARE ADJUSTABLE COMFORT

RECESSED

| A35551 | - | - | - | - |
|-------------|-----------------------|------------------------|----------------------|-----------|
| base number | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector |

- 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 #

| Series: Bio | nıq | |
|-------------|--------|----|
| Subseries: | Bioniq | Sc |
| | | |

quare Adjustable Comfort

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 11/16 |
| 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): 0.607 Weight (lbs): 1.34

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 (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

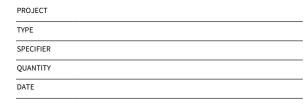
Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

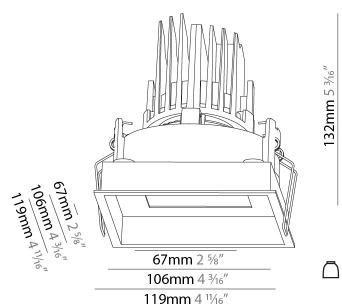
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20









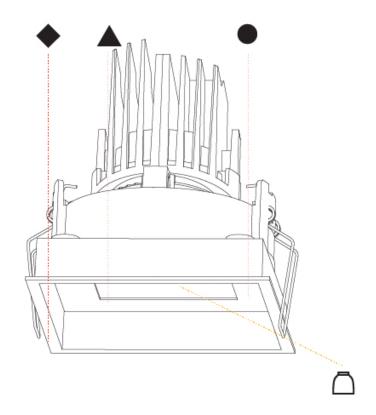


BIONIQ SQUARE ADJUSTABLE COMFORT

RECESSED

A35551-

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BIONIQ

COLOR FINISH CHART

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

Fixture Finish



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.





BIONIQ

| PROJECT |
|-----------|
| TYPE |
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| |

LEGEND

| T T | Vari | | a × n | | special LED (upon request) PGP_PGPW_tunable |
|---------------|--|------------|--|-----------------|--|
| <u></u> | floor-mounted | Á | pivotable | ⊛ | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| 7 | wall and ceiling: recessed and surface mounted | S | rotating | 0 | warm dim / natural dimming LED |
| \uparrow | ceiling-mounted and wall-mounted | Œ | illuminate tilted | 0 | rechargeable battery powered |
| \rightarrow | wall-mounted | T | color of suspension cable | THESE | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | ← … | length of suspension cable | CRI | color rendering index |
| | direct light distribution | | reflector degree selection | (K) | color temperature |
| | direct/indirect light distribution | s s | super spot | LM | lumen (luminous flux) |
| Y | indirect light distribution | * | lens | ₩) | efficacy (lumens per watt) |
| | asymmetric light distribution | 8 | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| | aura light distribution | 0 | shine ring | * | marine grade (AISI 316 stainless steel) |
| R | round wall or ceiling cut-out | 0 | integrated shine ring with diffuser | 3 | walk on |
| Z) | square wall or ceiling cut-out | | free individual colors 01-29 | ② | drive on |
| 4 | the supplied jig specifies the cutout dimensions | Ċ | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| □ +,+ | minimum distance (meters) lamp - object | • | luminaire part to be colored (F1) | Ġ | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| $\hat{\perp}$ | 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 |
| 1 | ceiling thickness selection | | luminaire part to be colored (F4) | () | acoustic material |
| | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | • | luminaire part to be colored (F5) | | protection class I, protection insulation |
| <u>جه</u> | included or excluded LED driver/transformer/ control gear | • | color of 3-circuit adaptor | | protection class II, protection insulation |
| 8 | separately switchable | \odot | indirect diffuser | . (II) | ETL Certified to UL and CSA Standards |
| 9 | sensor | O | direct diffuser | ւ Մ) ու | UL Certified to UL and CSA Standards |
| | remote control | 1 | ball-proof (upon request) | (1) | CSA Certified to UL and CSA Standards |
| 9 | available upon request | O | accessory | (Z) | 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 protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
| IP65 | protected against ingress of dust protected against jets of water |
| IP66 | protected against ingress of dust protected against powerful jets of water or heavy seas |
| IP67 | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
| IP68 | protected against ingress of dust protected against immersion of water under pressure for long periods |

IK RATING

above the surface)

| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
|-------|---|
| ІКОЗ | 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) |
| IK05 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| IK06 | 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) $$ |
| IK08 | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| IK09) | 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)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm