

BIONIQ SQUARE ADJUSTABLE COMFORT TRIMLESS

A35212- _____
 base number Color _____ Finishes _____ Finishes _____ Finishes _____ Ceiling _____ Reflector _____
 Temperature (Diamond) (Triangle) (Circle) Thickness Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Trimless
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL
 Shape: Square
 Length (mm): 106
 Length (in): 4 3/16
 Width (mm): 106
 Width (in): 4 3/16
 Height (mm): 134
 Height (in): 5 1/4
[Ceiling Thickness \(mm\): 10 / 12.5 / 15 / 25](#)
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 150
 Min. Recessing Depth (in): 5 7/8
 Light Distribution: Adjustable / Downlight
 Weight (kg): 0.655
 Weight (lbs): 1.44
[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: 120mm / 4 3/4" x 120mm / 4 3/4"
 Upon Request: Unique Ceiling Thickness

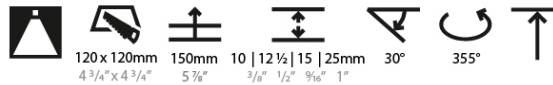
ELECTRICAL
 Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 15.5
 Total Output Wattage (W): 14.5
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - Universal
 Driver Class: Class 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
 Efficiency (%): 87.9 / 88.4 / 87.9
 Lamp Life (hrs): 50000
 Upon Request: RGB-W Tunable White Special Color Temperature
 Special LED

OPTICAL
[Reflector°: 20 / 40 / 60](#)
 Adjustability: Rotational 355°; Tilt 30°
 Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS
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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.
 Certified By: Certified for North American Standards
 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
 IP rating: IP20



BIONIQ SQUARE ADJUSTABLE COMFORT TRIMLESS

A35212-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



BIONIQ SQUARE ADJUSTABLE COMFORT TRIMLESS

A35215- _____
 base number LED Dimming Color Temperature Finishes (Diamond) Finishes (Triangle) Finishes (Circle) Ceiling Thickness

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Trimless
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Square
 Length (mm): 106
 Length (in): 4 ³/₁₆
 Width (mm): 106
 Width (in): 4 ³/₁₆
 Height (mm): 134
 Height (in): 5 ¹/₄
[Ceiling Thickness \(mm\): 10 / 12.5 / 15 / 25](#)
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 150
 Min. Recessing Depth (in): 5 ⁷/₈
 Light Distribution: Adjustable / Downlight
 Weight (kg): 0.655
 Weight (lbs): 1.44
[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: 120mm / 4 3/4" x 120mm / 4 3/4"
 Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 13.2 / 16.5
 Total Output Wattage (W): 12.1 / 14.7
[Dimming: Tri-Mode \(Non-Dimming and Phase Dimming \(120Vac only\) and 0-10V 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): 350

LED

Number of LEDs: 1
[Color Temperature \(°K\): 2700 / 3000 / 3500 / 4000](#)
 Max. Delivered Lumen (lm): 850 / 950 / 1019 / 1040
 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180
 CRI: >90 CRI
 Efficiency (%): 88.5
 Lamp Life (hrs): 50000
 Upon Request: RGB-W Tunable White Special Color Temperature
 Special LED

OPTICAL

Reflector?: 10
 Adjustability: Rotational 355°; Tilt 30°
 Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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BIONIQ SQUARE ADJUSTABLE COMFORT TRIMLESS

A35215-

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|-----------|
| PROJECT |
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| 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.



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| PROJECT | |
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LEGEND

| | | |
|---|--|--|
| floor-mounted | pivotal | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| wall and ceiling: recessed and surface mounted | rotating | warm dim / natural dimming LED |
| ceiling-mounted and wall-mounted | illuminate tilted | rechargeable battery powered |
| wall-mounted | color of suspension cable | fixture with natural vivid LED (upon request) |
| omni-directional light distribution | length of suspension cable | color rendering index |
| direct light distribution | reflector degree selection | color temperature |
| direct/indirect light distribution | super spot | lumen (luminous flux) |
| indirect light distribution | lens | efficacy (lumens per watt) |
| asymmetric light distribution | lens pack | Unified Glare Rating (UGR) range from 5-40 |
| aura light distribution | shine ring | marine grade (AISI 316 stainless steel) |
| round wall or ceiling cut-out | integrated shine ring with diffuser | walk on |
| square wall or ceiling cut-out | free individual colors 01-29 | drive on |
| the supplied jig specifies the cutout dimensions | individual colors: 00 (free of charge), 01-25 (extra charge) | Dark Sky Compliance |
| minimum distance (meters) lamp - object | luminaire part to be colored (F1) | 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 |
| 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) | 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 |
| separately switchable | indirect diffuser | ETL Certified to UL and CSA Standards |
| sensor | direct diffuser | UL Certified to UL and CSA Standards |
| remote control | ball-proof (upon request) | CSA Certified to UL and CSA Standards |
| available upon request | accessory | 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

| | |
|------|---|
| IK01 | 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) |
| IK03 | 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) |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) |