# **ZANEEN**<sub>®</sub>

### **BIONIQ SQUARE ADJUSTABLE COMFORT**

**TRIMLESS** 

#### A35212-

base number Color

Temperature (Diamond)

Finishes (Triangle) (Circle)

Finishes

Ceiling

Thickness

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 #

Finishes

#### GENERAL

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): $4\frac{3}{16}$	
Width (mm): 106	
Width (in): $4\frac{3}{16}$	
Height (mm): 134	
Height (in): 5 ¼	
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 1/8	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.655	
Weight (lbs): 1.44	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / 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 (120 and 0-10V Dimming)	)Vac only)
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

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 Temperatur Special LED

#### OPTICAL

Reflector°: 20	/ 40 / 60
Adjustability:	Rotational 355%

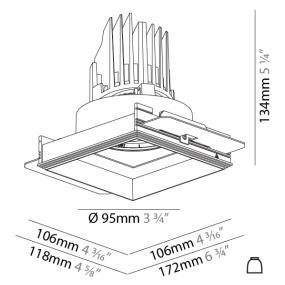
Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

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### **BIONIQ SQUARE ADJUSTABLE COMFORT**

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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

### **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

Thickness

Options

A37887	-		-	-
base number	LED	Color	Finishes	Finishes
	Dimming	Temperature	(Diamond)	(Triangle)

the base model # product page

Subseries: Bioniq Square Adjustable

 $\label{eq:ceiling Thickness (mm): 10 / 12.5 / 15 / 25} \\ Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 \\ Min. Recessing Depth (mm): 150 \\ Min. Recessing Depth (in): 5 \frac{7}{4} \\ \\ Light Distribution: Adjustable / Downlight \\ \\ \end{array}$ 

Fixture Material: Aluminum Die Cast

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 16.5 Total Output Wattage (W): 14.5

Driver Location: Recessed Housing Driver Type: Constant Current - Universal

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050 Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542

Upon Request: Unique Ceiling Thickness

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

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)

Cut-out Measurements: 120mm / 4 3/4" x 120mm / 4 3/4"

**GENERAL** Series: Bioniq

PHYSICAL

Shape: Square

Diameter (mm): 95

Diameter (in):  $3\frac{3}{4}$  

Length (mm): 106

Length (in):  $4\frac{3}{4_{16}}$  

Width (mm): 106

Width (in):  $4\frac{3}{4_{16}}$  

Height (mm): 134

Height (in):  $5\frac{1}{4}$ 

Weight (kg): 0.655 Weight (lbs): 1.44

ELECTRICAL

and 0-10V Dimming) Driver Included: No

Driver Class: Class 2 Housing: See components Input Voltage (V): 120 - 277

Number of LEDs: 1

CRI: >90 CRI

Special LED

LED

Constant Current (MA): 500

Efficiency (%): 87.9 / 88.4 / 87.9

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

Lamp Life (hrs): 50000

Reflector°: 20 / 40 / 60

Brand: Prolicht Division: Architectural Mounting Type: Trimless Mounting Location: Ceiling Subcategory: Downlight

1. To build a product code in our configurator select the specify button on

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 #

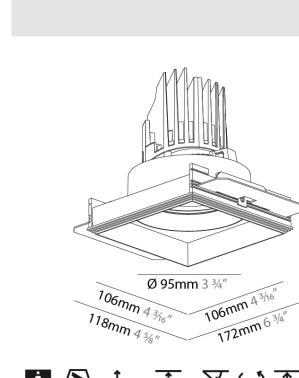
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#ATTN 65 AND CERTIFICATIONS-3382, F 416-247-9319, www.zaneen.com

Upon Request: RGB-W Tunable White Special Color Temperature

Available of the provided and 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 IP rating: IP20

### **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

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### BIONIQ

**Fixture Finish** 

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TYPE			
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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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### 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) -> $\mathbb{Y}$ omni-directional light distribution 1 length of suspension cable CRI color rendering index Ä direct light distribution Δ reflector degree selection °K) color temperature s s direct/indirect light distribution 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

1	ceiling thickness selection		luminaire part to be colored (F4)	<b>(</b> )	acoustic material
Danaki			luminaire part to be colored (F5)		protection class l, protection insulation
ç	included or excluded LED driver/transformer/ 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 (U) us	UL Certified to UL and CSA Standards
$\bigcirc$	remote control	$\odot$	ball-proof (upon request)	<b>S</b>	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	$\mathbb{Z}$	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
1954	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

#### 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)
КО4	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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